

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116385.D
 Acq On : 19 Aug 2019 13:07
 Operator : HP/JU
 Sample : PB122249BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Manual Integrations
 APPROVED

mohammad
 8/22/2019 12:45:05 PM

Quant Time: Aug 19 16:32:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	121662	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	509592	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	273263	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	475517	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	355137	20.00	ng	-0.01
87) Perylene-d12	15.42	264	286450	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	812530	111.80	ng	0.00
7) Phenol-d6	6.46	99	982686	107.17	ng	0.00
23) Nitrobenzene-d5	7.37	82	646153	73.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	280459	105.86	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1142265	78.30	ng	-0.01
79) Terphenyl-d14	12.90	244	1287673	76.40	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	132833	36.180	ng	99
3) Pyridine	3.39	79	298818	29.136	ng	97
4) n-Nitrosodimethylamine	3.32	42	141286	34.908	ng	100
6) Aniline	6.47	93	351155	26.742	ng	# 82
8) 2-Chlorophenol	6.60	128	338825	42.161	ng	99
9) Benzaldehyde	6.37	77	82425	13.028	ng	99
10) Phenol	6.47	94	425040	39.364	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	322416	40.614	ng	97
12) 1,3-Dichlorobenzene	6.75	146	359439	38.701	ng	98
13) 1,4-Dichlorobenzene	6.82	146	370949	39.890	ng	98
14) 1,2-Dichlorobenzene	6.97	146	341795	39.916	ng	99
15) Benzyl Alcohol	6.96	79	272777	39.201	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	424930	39.243	ng	77
17) 2-Methylphenol	7.07	107	280794	41.264	ng	96
18) Hexachloroethane	7.31	117	132765	38.777	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	235862	41.511	ng	98
20) 3+4-Methylphenols	7.23	107	361757	44.924	ng	# 82
22) Acetophenone	7.22	105	470993	42.143	ng	# 93
24) Nitrobenzene	7.39	77	381255	39.996	ng	98
25) Isophorone	7.63	82	682738	40.444	ng	99
26) 2-Nitrophenol	7.71	139	185081	41.189	ng	94
27) 2,4-Dimethylphenol	7.75	122	304080	44.980	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	420741	40.212	ng	99
29) 2,4-Dichlorophenol	7.96	162	294901	41.315	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	315625	38.791	ng	99
31) Naphthalene	8.10	128	983879	41.029	ng	99
32) Benzoic acid	7.91	122	147306	30.906	ng	99
33) 4-Chloroaniline	8.16	127	298587	27.867	ng	99
34) Hexachlorobutadiene	8.22	225	175595	37.467	ng	99
35) Caprolactam	8.53	113	91058m	39.443	ng	
36) 4-Chloro-3-methylphenol	8.66	107	307638	41.429	ng	94
37) 2-Methylnaphthalene	8.80	142	652620	41.323	ng	99
38) 1-Methylnaphthalene	8.89	142	613541	41.065	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	300412	41.122	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	141281	45.812	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	177808	35.361	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	186354	35.852	ng	99
46) 1,1'-Biphenyl	9.26	154	804756	41.714	ng	99
47) 2-Chloronaphthalene	9.29	162	631341	39.319	ng	99
48) 2-Nitroaniline	9.39	65	197140	37.144	ng	91
49) Acenaphthylene	9.70	152	945233	40.351	ng	99
50) Dimethylphthalate	9.56	163	732584	39.373	ng	100
51) 2,6-Dinitrotoluene	9.63	165	163558	40.450	ng #	90
52) Acenaphthene	9.87	154	577844	40.208	ng	100
53) 3-Nitroaniline	9.80	138	132675	26.555	ng	96
54) 2,4-Dinitrophenol	9.93	184	102152	52.633	ng	96
55) Dibenzofuran	10.05	168	813625	38.931	ng	100
56) 4-Nitrophenol	9.99	139	190710	59.587	ng	94
57) 2,4-Dinitrotoluene	10.04	165	202924	37.694	ng #	87
58) Fluorene	10.39	166	671305	41.749	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	166966	38.181	ng	100
60) Diethylphthalate	10.26	149	712580	41.021	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	338141	41.523	ng	98
62) 4-Nitroaniline	10.42	138	157027	30.412	ng	99
63) Azobenzene	10.53	77	732008	40.969	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	98481	39.081	ng	89
66) n-Nitrosodiphenylamine	10.49	169	600260	41.939	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	204850	40.242	ng	97
68) Hexachlorobenzene	10.94	284	226826	38.535	ng	100
69) Atrazine	11.02	200	177661	37.731	ng	98
70) Pentachlorophenol	11.14	266	143421	50.187	ng	98
71) Phenanthrene	11.35	178	988516	40.664	ng	100
72) Anthracene	11.40	178	1014912	41.253	ng	100
73) Carbazole	11.56	167	919135	41.179	ng	99
74) Di-n-butylphthalate	11.87	149	1123226	43.138	ng	99
75) Fluoranthene	12.54	202	1052907	41.372	ng	99
77) Benzidine	12.66	184	234319	19.530	ng	97
78) Pyrene	12.77	202	1068703	39.921	ng	100
80) Butylbenzylphthalate	13.37	149	482424	42.601	ng	98
81) Benzo(a)anthracene	13.96	228	898129	39.567	ng	98
82) 3,3'-Dichlorobenzidine	13.91	252	277136	35.142	ng	99
83) Chrysene	13.99	228	885108	40.164	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	674651	45.846	ng #	98
85) Di-n-octyl phthalate	14.53	149	1082629	46.318	ng	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	740105	39.986	ng	99
88) Benzo(b)fluoranthene	15.00	252	827218	49.944	ng	99
89) Benzo(k)fluoranthene	15.03	252	780981	48.411	ng	98
90) Benzo(a)pyrene	15.36	252	755499	51.027	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	638508	49.821	ng	99
92) Benzo(g,h,i)perylene	17.32	276	621760	49.398	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

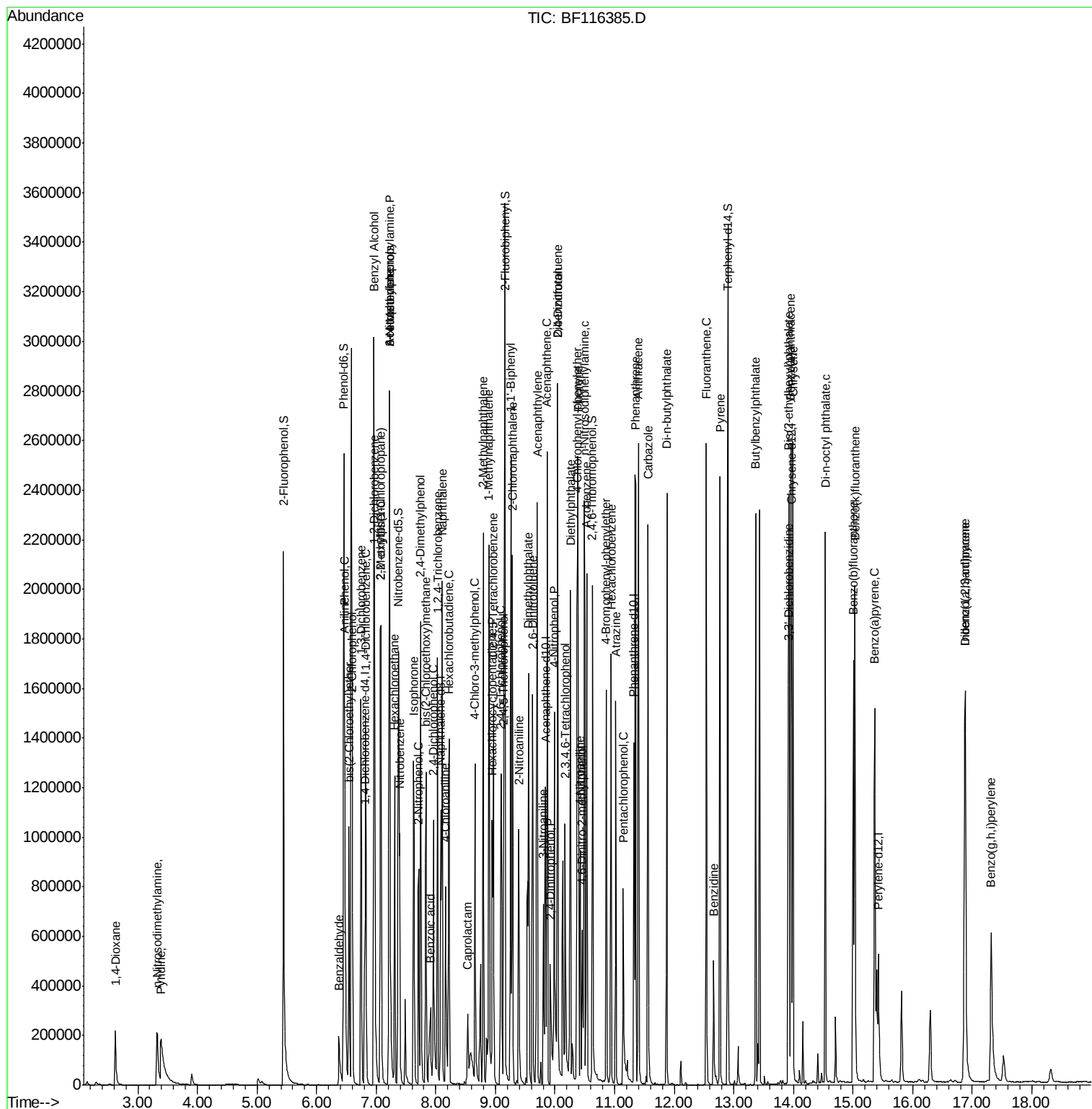
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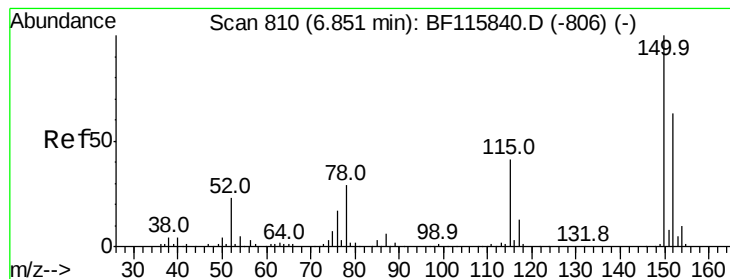
Instrument :
BNA_F
ClientSampled :
PB122249BS

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#1

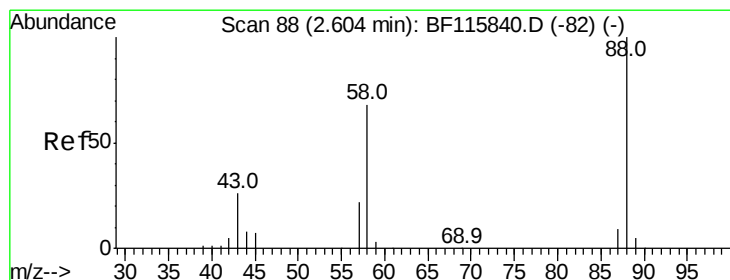
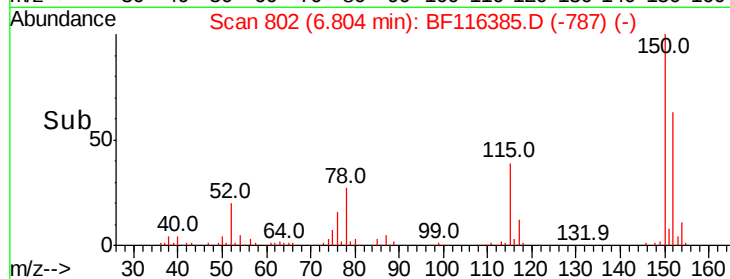
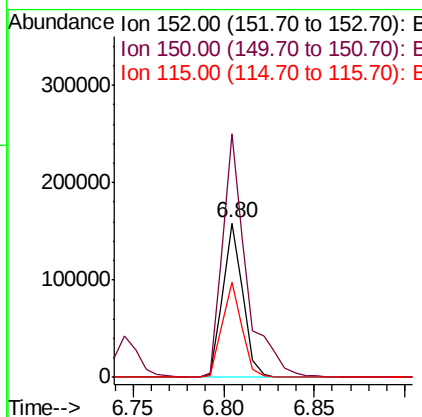
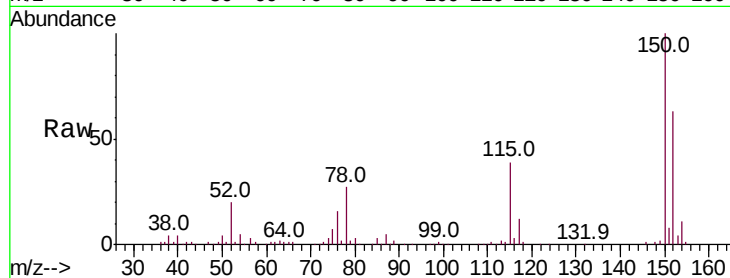
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
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ClientSampleId :
PB122249BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	61.4	49.9	74.9

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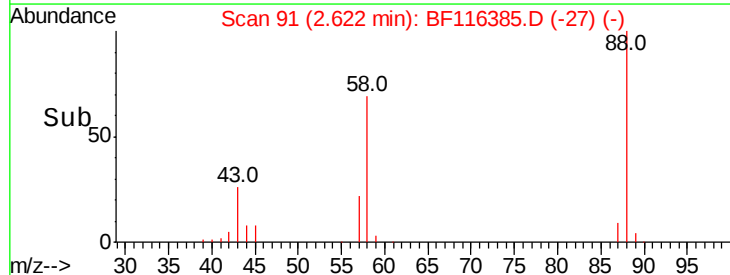
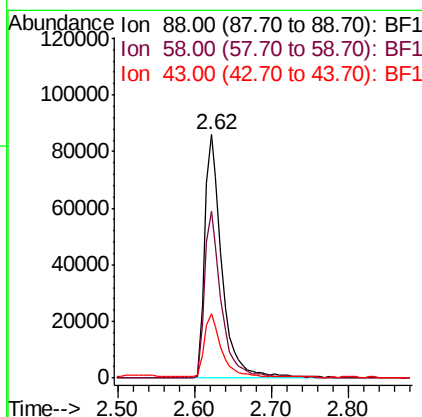
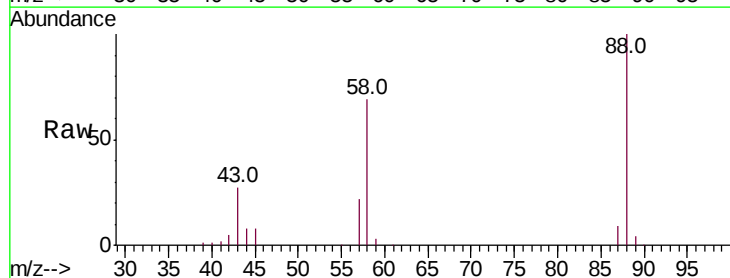
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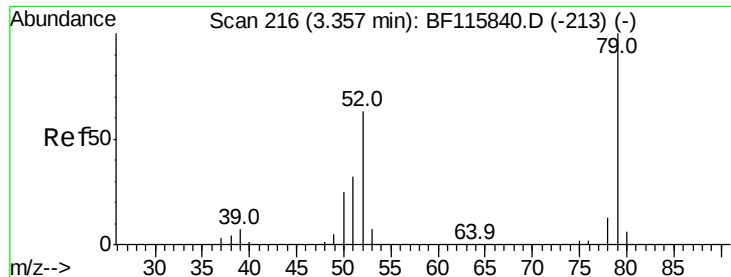


#2

1,4-Dioxane
Concen: 36.180 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.08 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	53.7	80.5
43	25.0	21.0	31.4





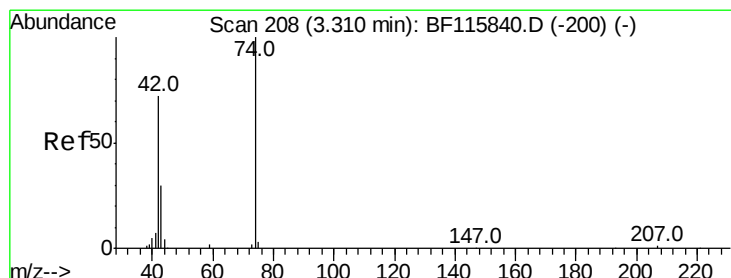
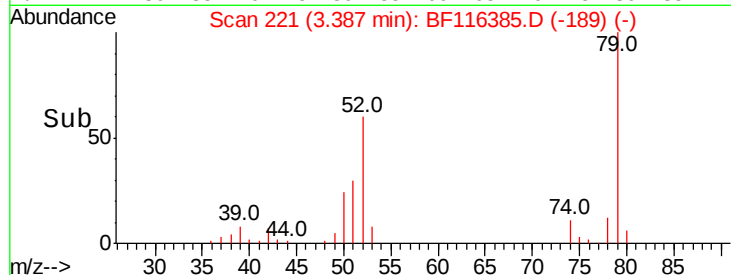
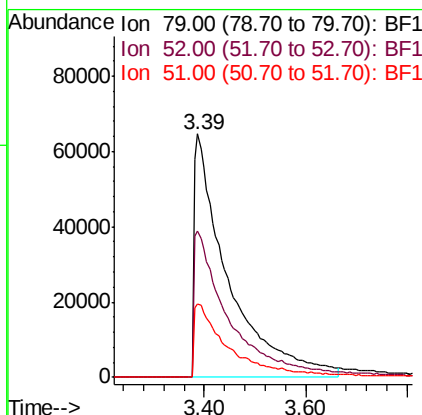
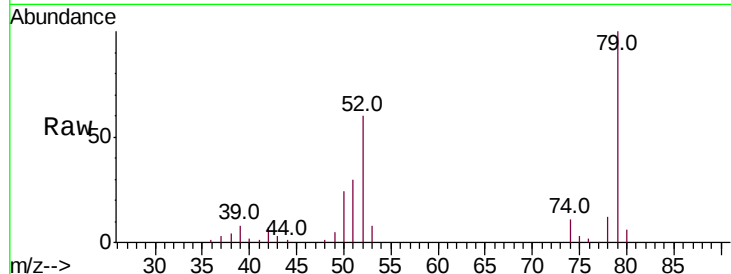
#3
 Pvridine
 Concen: 29.136 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.09 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:	79	Resp:	298818
Ion Ratio	Lower	Upper	
79	100		
52	60.0	49.8	74.8
51	30.2	25.2	37.8

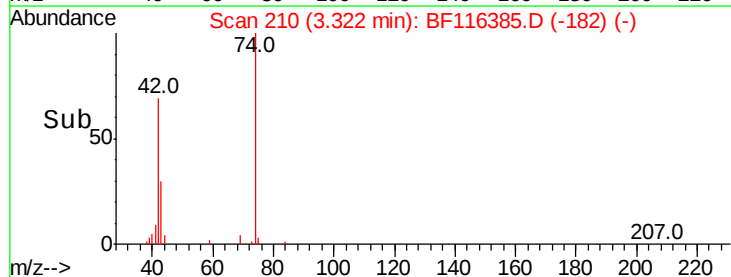
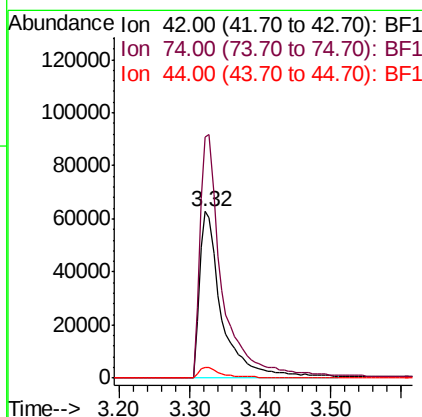
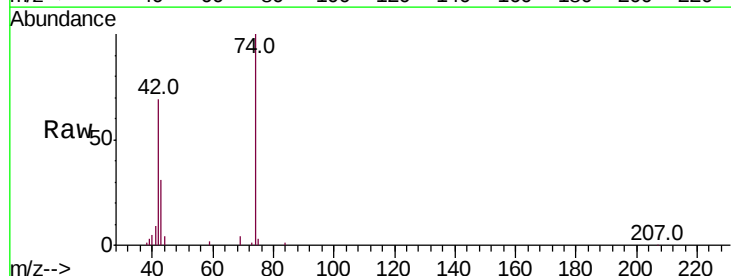
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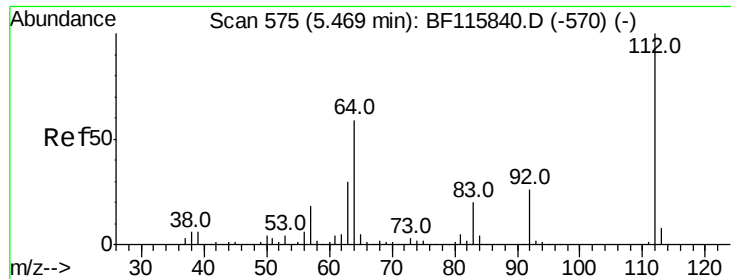
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#4
 n-Nitrosodimethylamine
 Concen: 34.908 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.06 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Tgt Ion:	42	Resp:	141286
Ion Ratio	Lower	Upper	
42	100		
74	144.6	116.0	174.0
44	6.4	4.6	7.0





#5

2-Fluorophenol

Concen: 111.804 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Instrument :

BNA_F

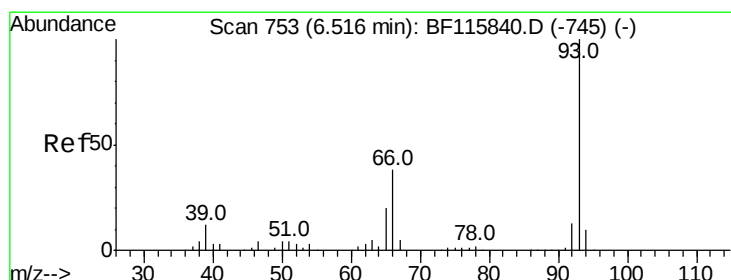
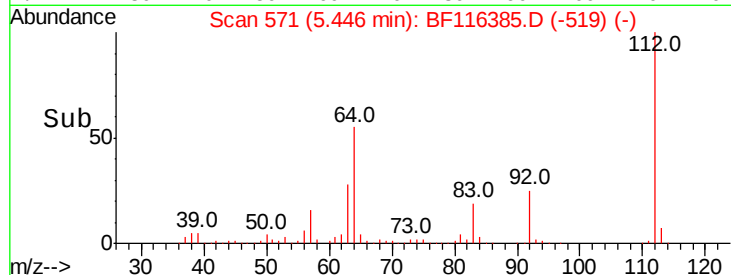
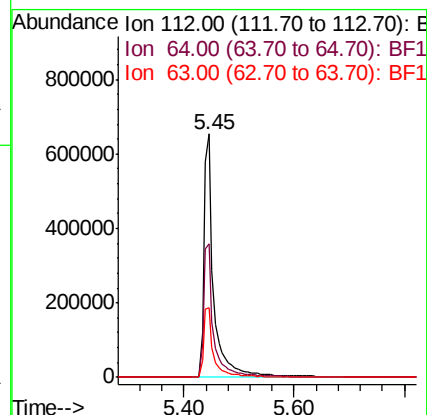
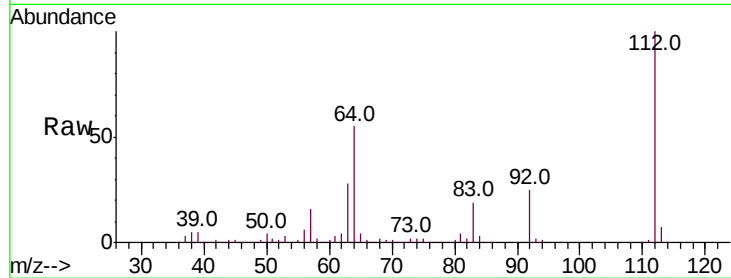
ClientSampled :

PB122249BS

Tot Ion:	112	Resp:	812530
Ion Ratio	Lower	Upper	
112	100		
64	54.9	45.4	68.2
63	28.3	23.7	35.5

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#6

Aniline

Concen: 26.742 ng

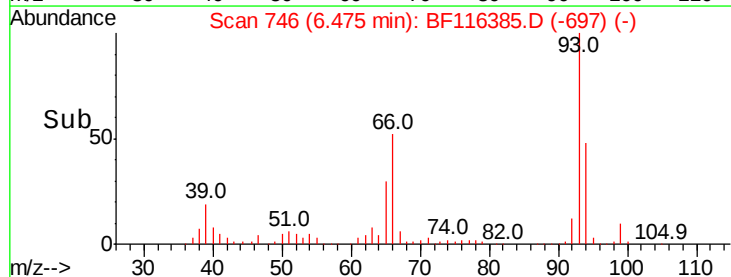
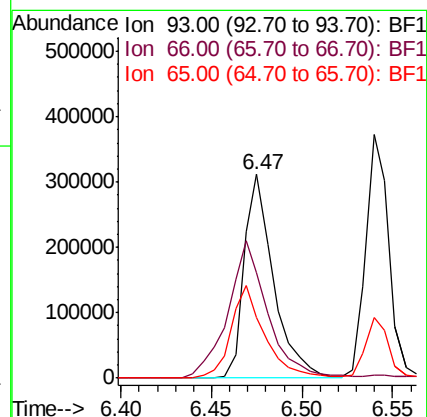
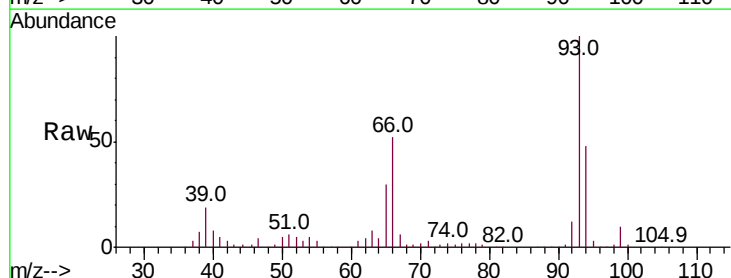
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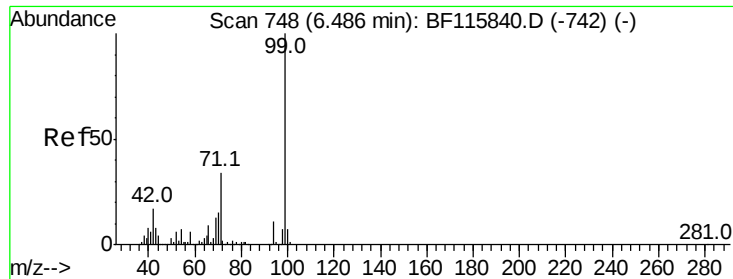
Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Tgt Ion:	93	Resp:	351155
Ion Ratio	Lower	Upper	
93	100		
66	51.7	32.2	48.4#
65	30.0	17.0	25.6#





#7

Phenol-d6

Concen: 107.172 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Instrument :

BNA_F

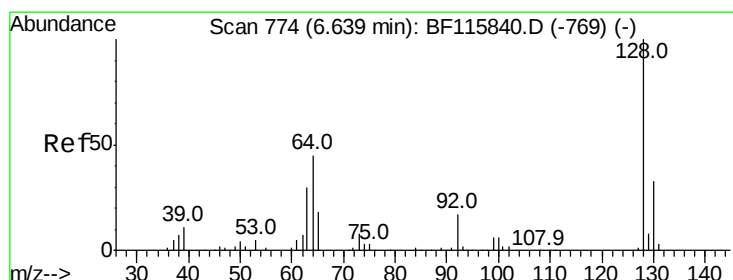
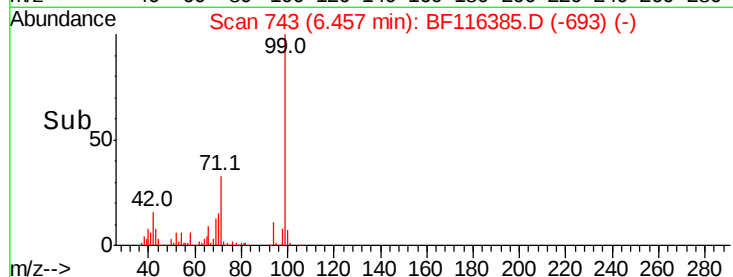
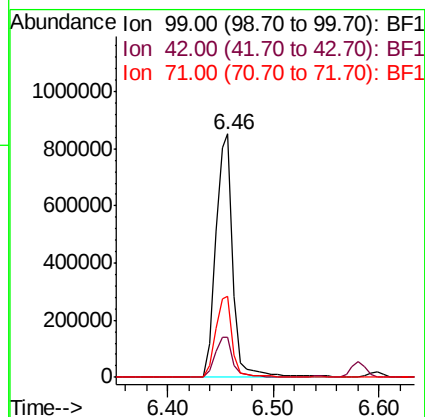
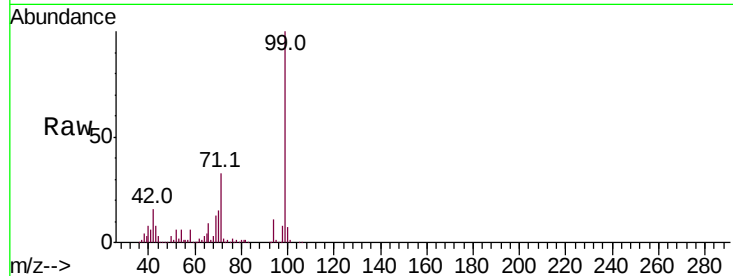
ClientSampled :

PB122249BS

Tot Ion:	99	Resp:	982686
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.8	20.8
71	33.2	27.3	40.9

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#8

2-Chlorophenol

Concen: 42.161 ng

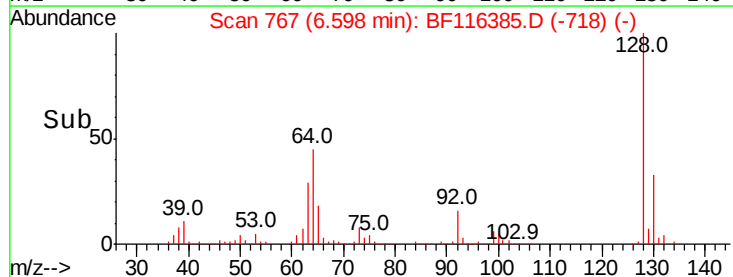
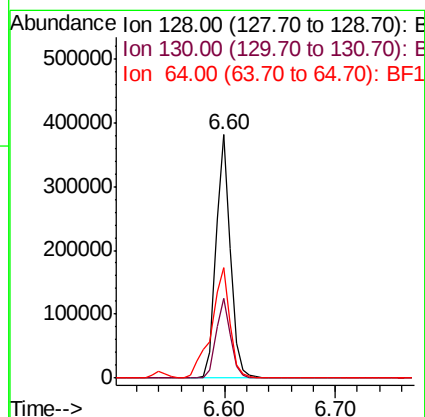
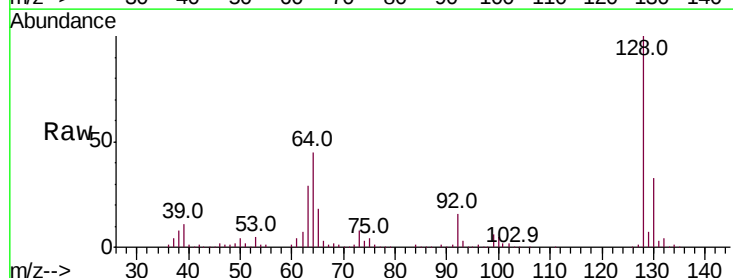
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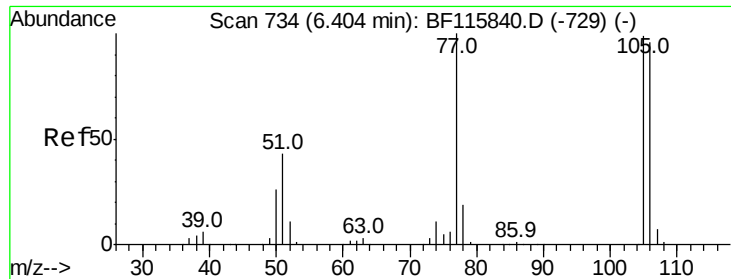
Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Tgt Ion:	128	Resp:	338825
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.9	52.9
64	45.4	24.3	64.3





#9

Benzaldehyde

Concen: 13.028 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Instrument :

BNA_F

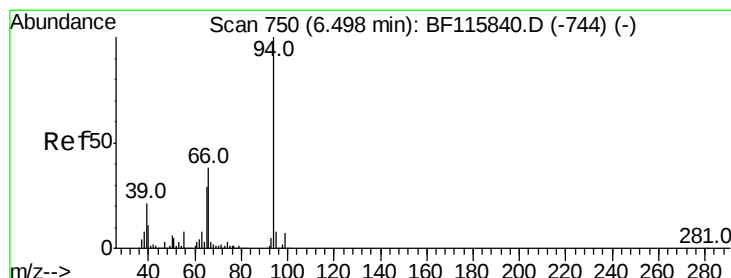
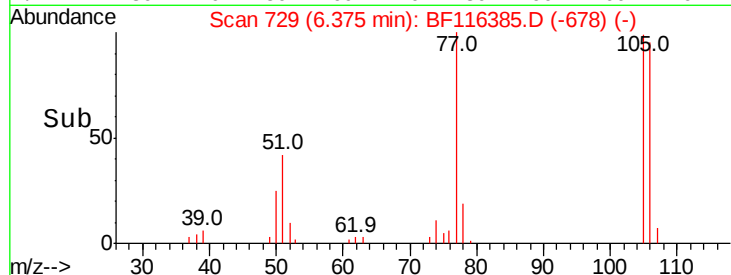
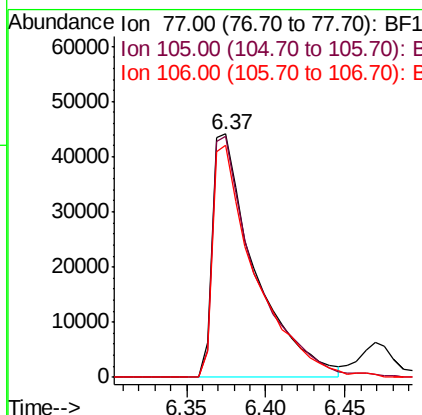
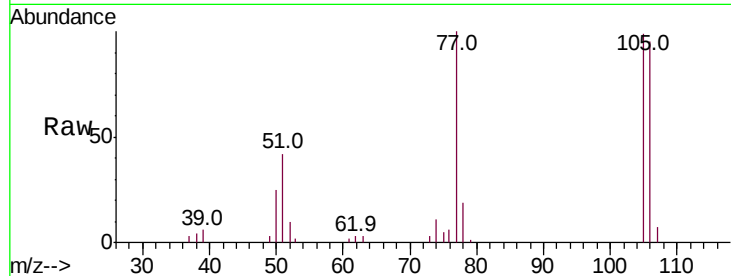
ClientSampleId :

PB122249BS

Tot Ion	77	Resp	82425
Ion	Ratio	Lower	Upper
77	100		
105	99.1	79.2	119.2
106	95.4	74.3	114.3

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#10

Phenol

Concen: 39.364 ng

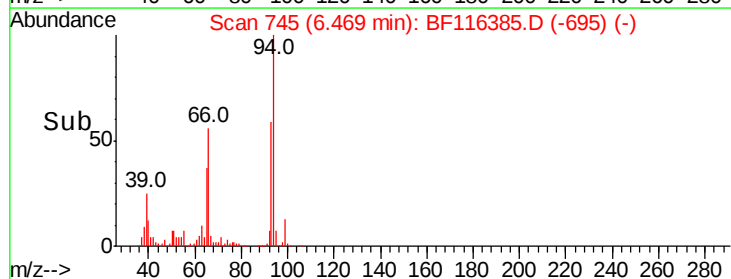
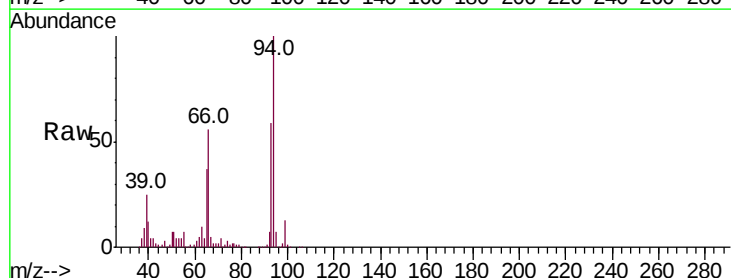
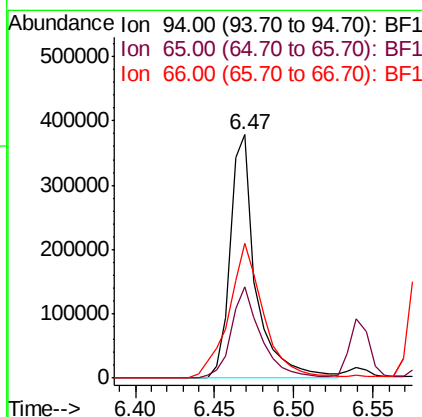
RT: 6.47 min Scan# 745

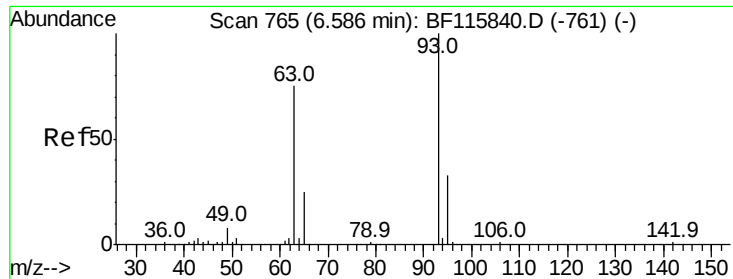
Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Tgt Ion	94	Resp	425040
Ion	Ratio	Lower	Upper
94	100		
65	37.5	16.8	56.8
66	55.5	34.2	74.2





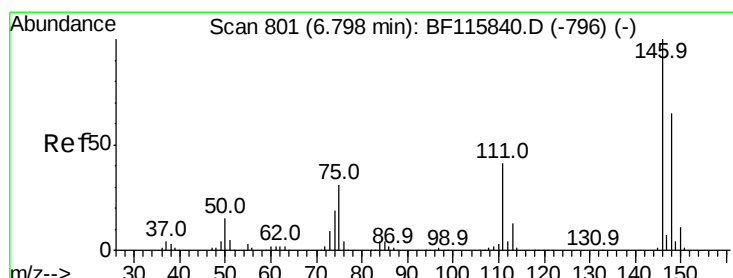
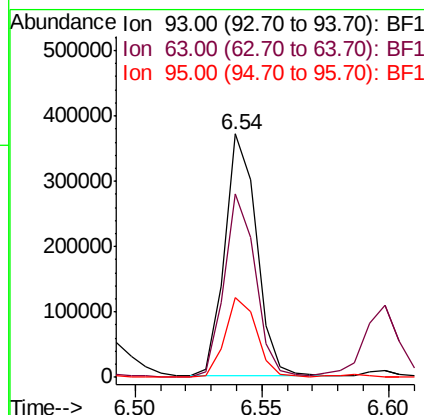
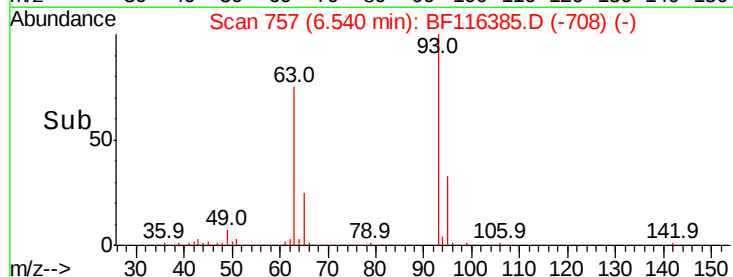
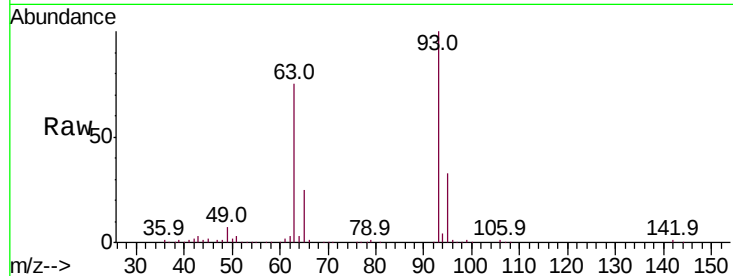
#11
bis(2-Chloroethyl)ether
Concen: 40.614 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.4	51.9	91.9	
95	32.8	13.0	53.0	

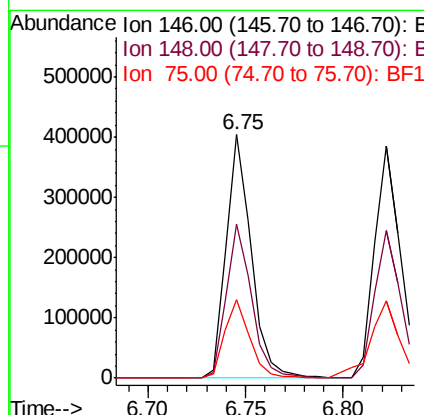
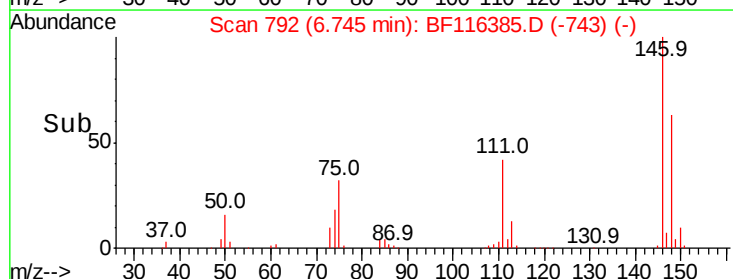
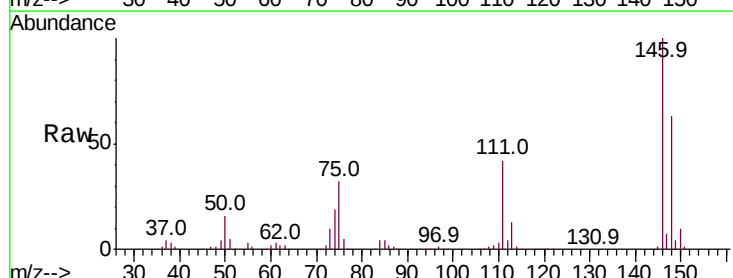
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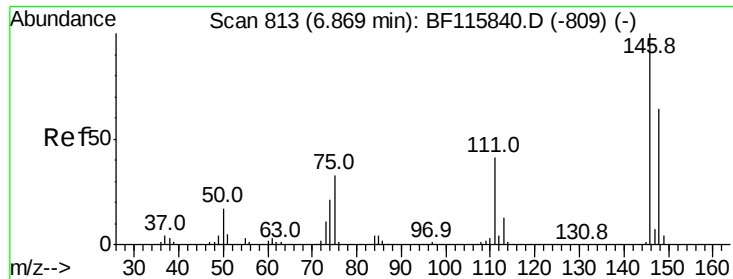
mohammad
8/22/2019 12:45:05 PM



#12
1,3-Dichlorobenzene
Concen: 38.701 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.4	51.3	76.9	
75	32.4	27.4	41.2	





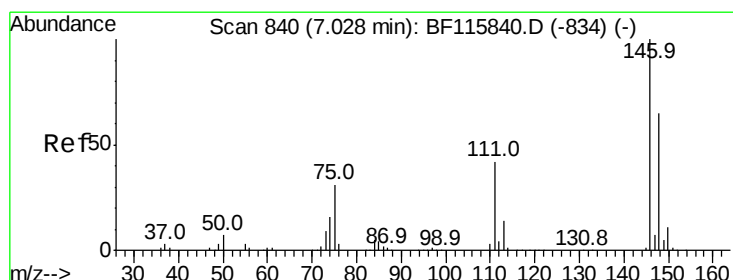
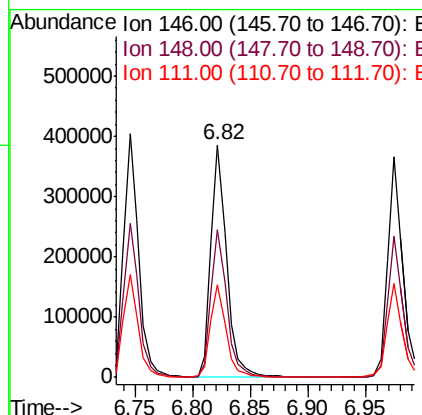
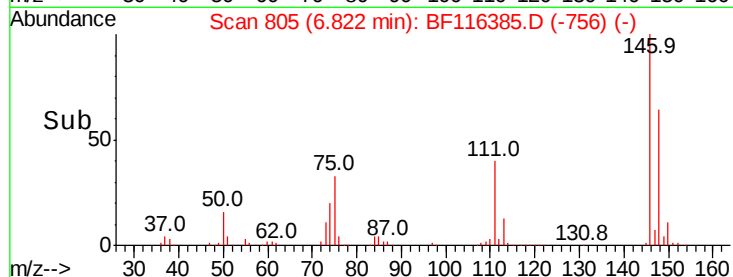
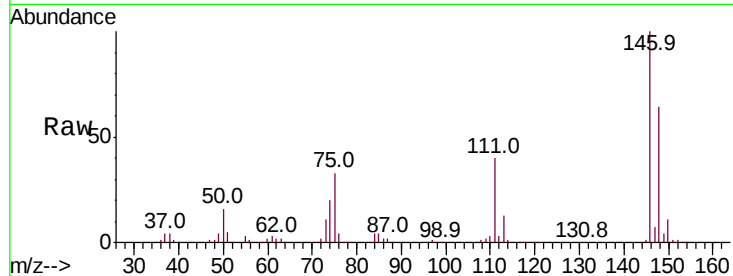
#13
 1,4-Dichlorobenzene
 Concen: 39.890 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Instrument :
 BNA_F
 ClientSampled :
 PB122249BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
111	39.9	34.0	51.0

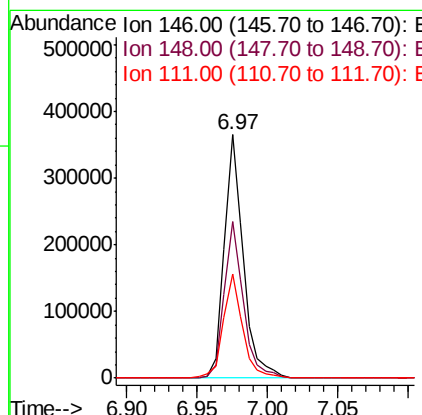
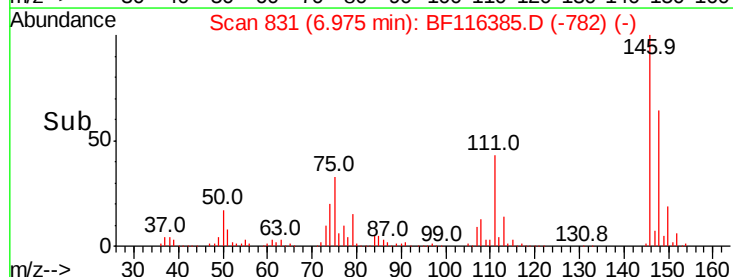
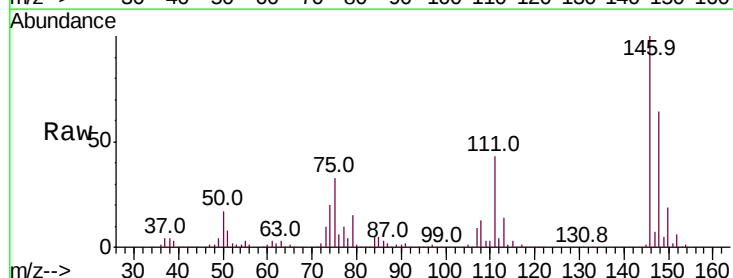
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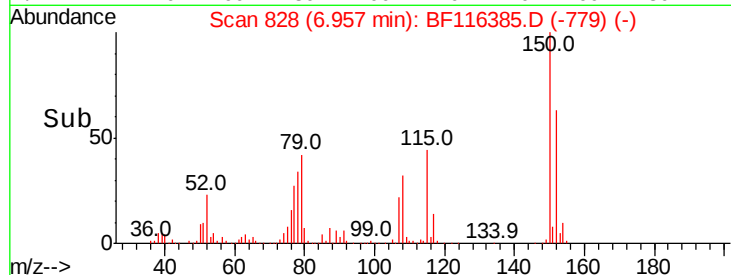
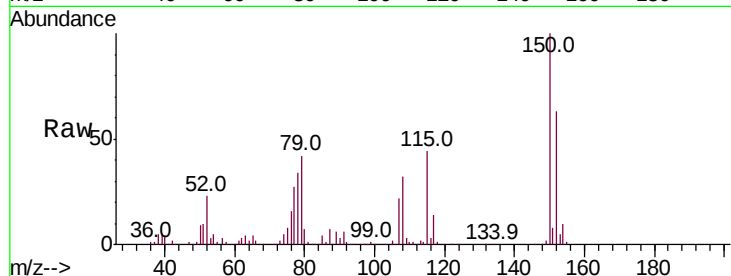
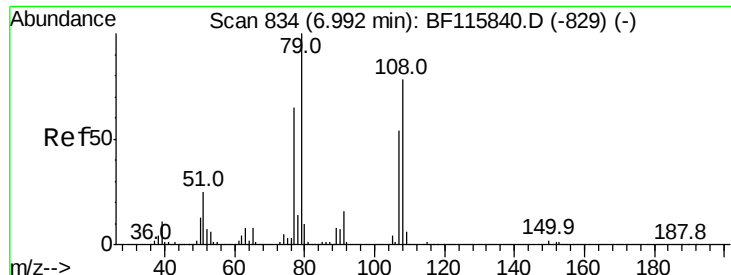
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.916 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	42.8	33.5	50.3





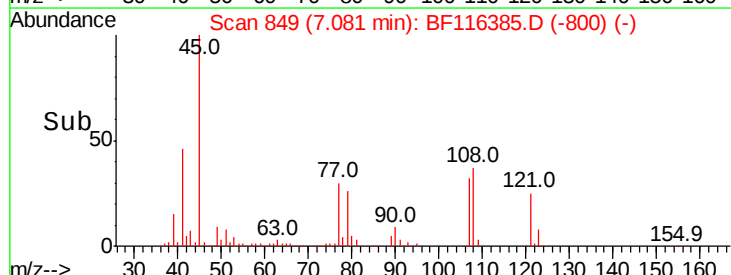
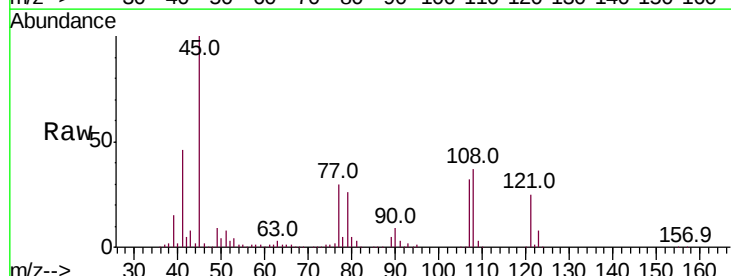
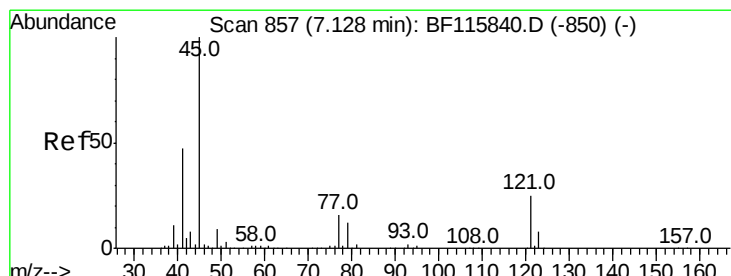
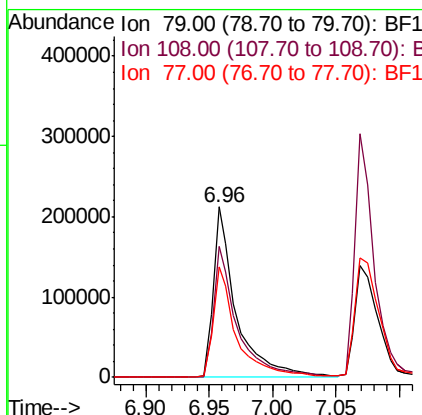
#15
Benzyl Alcohol
Concen: 39.201 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tot Ion	79	108	77
Ratio	100	76.7	64.7
Lower		62.7	52.2
Upper		94.1	78.2

Instrument :
BNA_F
ClientSampleId :
PB122249BS

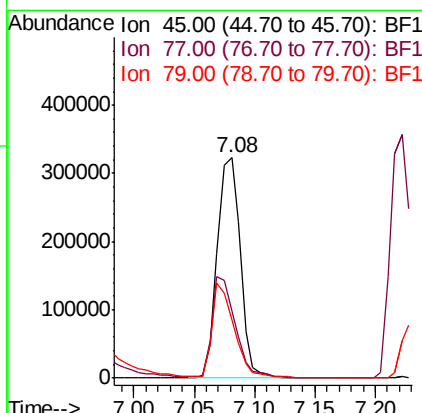
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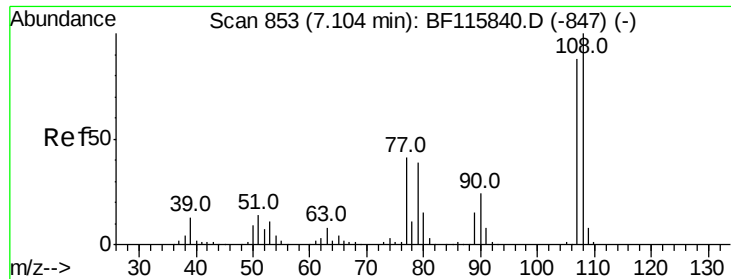
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.243 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	45	77	79
Ratio	100	30.3	26.2
Lower		0.0	0.0
Upper		40.0	35.9





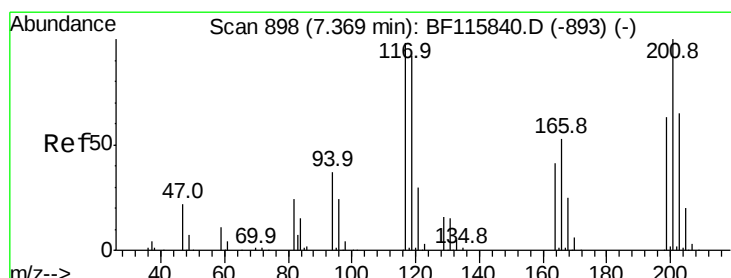
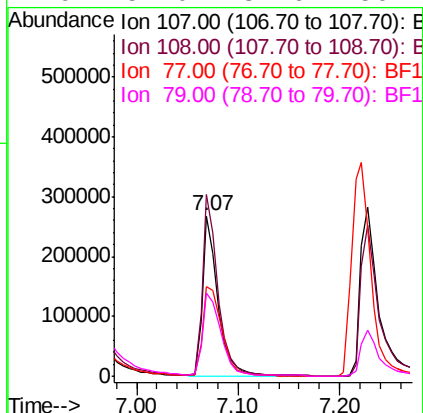
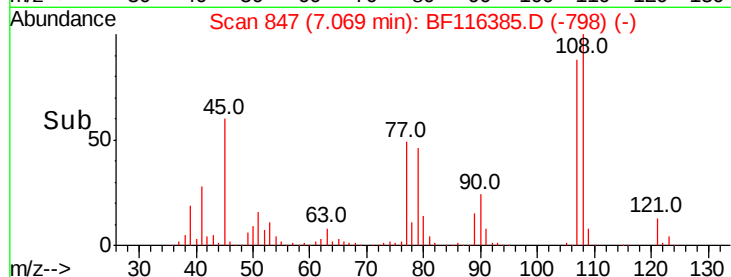
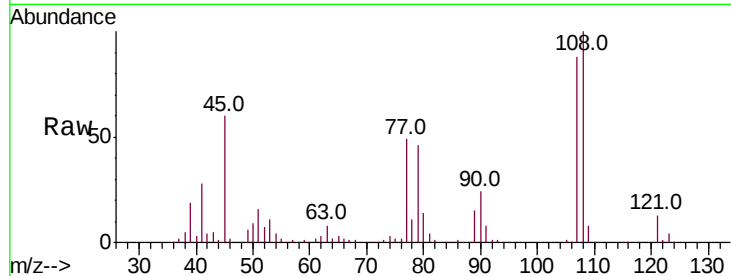
#17
2-Methylphenol
Concen: 41.264 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleID :
PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	91.2	136.8	
77	55.9	40.3	60.5	
79	52.0	37.6	56.4	

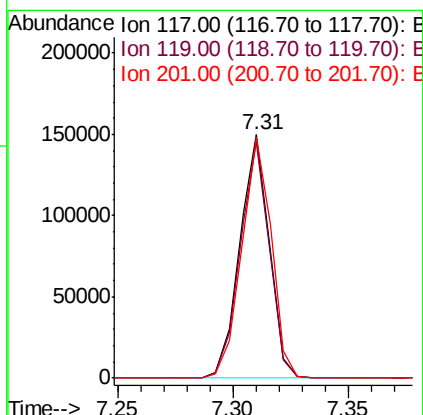
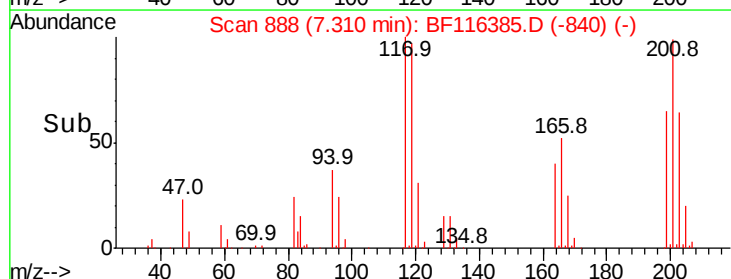
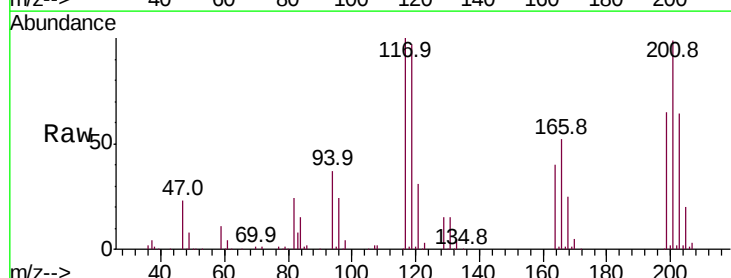
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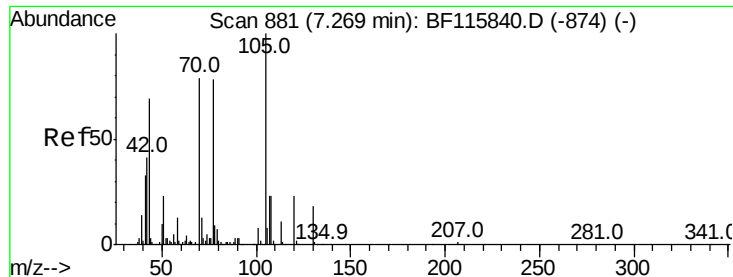
mohammad
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#18
Hexachloroethane
Concen: 38.777 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	76.1	114.1	
201	99.1	77.0	115.4	





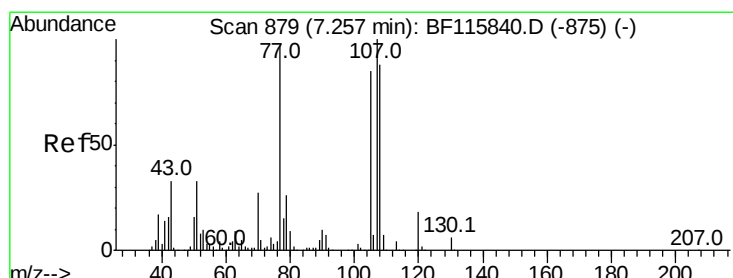
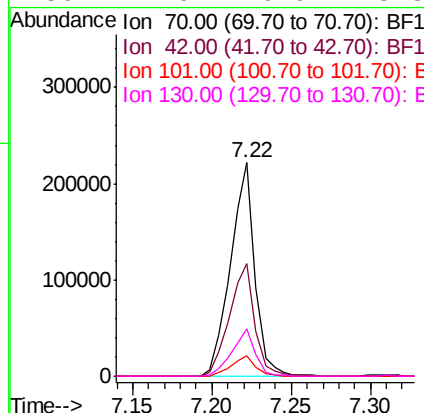
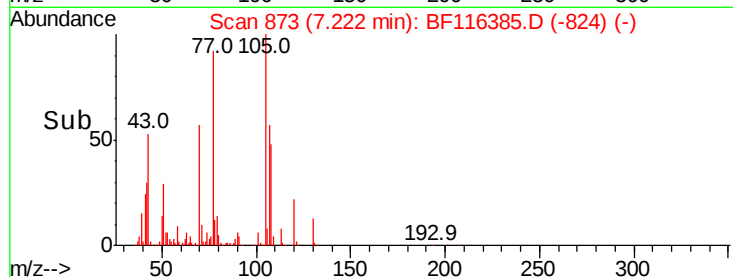
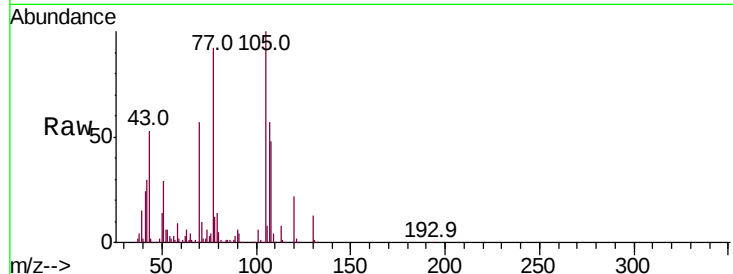
#19
n-Nitroso-di-n-propylamine
Concen: 41.511 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.5	40.9	61.3		
101	9.8	7.9	11.9		
130	21.9	16.9	25.3		

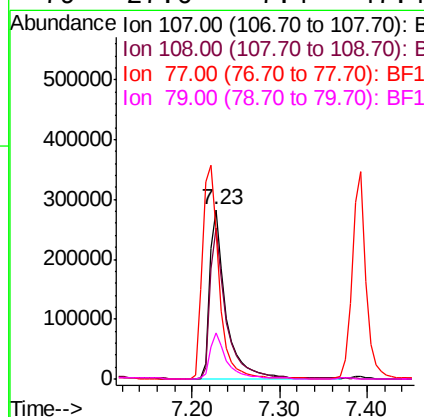
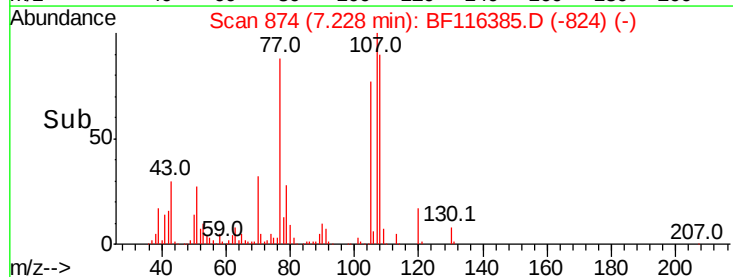
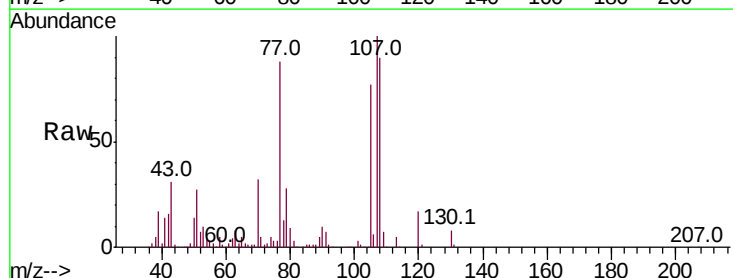
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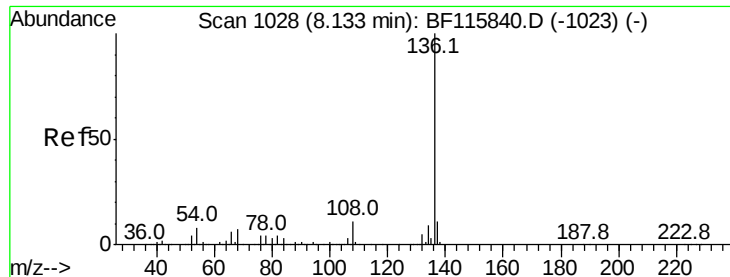
mohammad
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#20
3+4-Methylphenols
Concen: 44.924 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.7	67.6	107.6		
77	88.0	104.4	144.4#		
79	27.6	7.4	47.4		





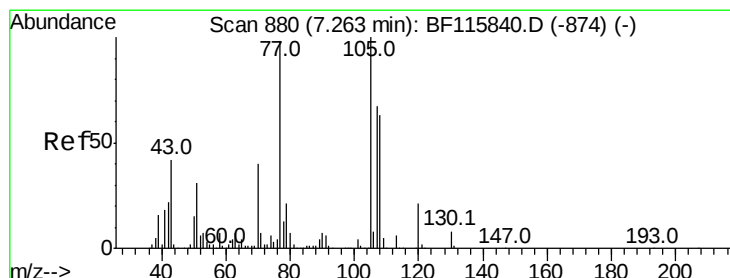
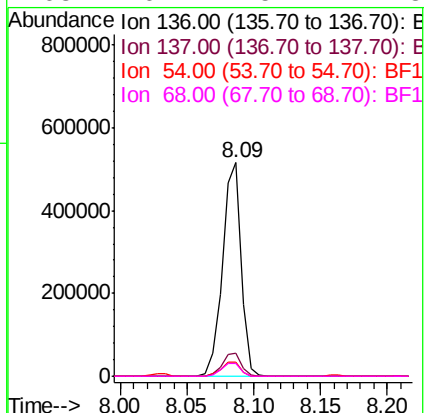
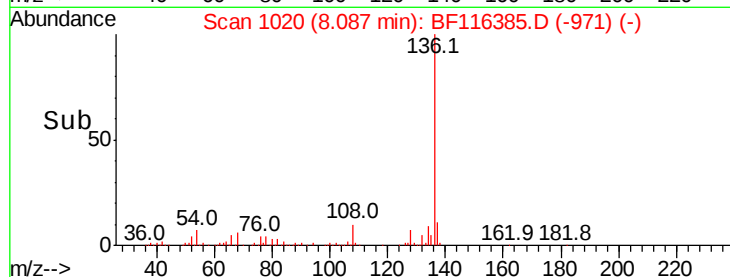
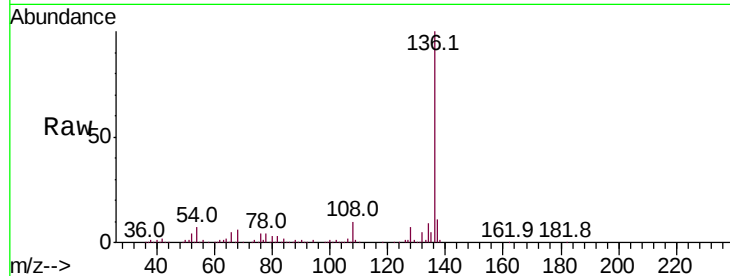
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.0	13.4	
54	6.6	5.8	8.6	
68	6.1	5.2	7.8	

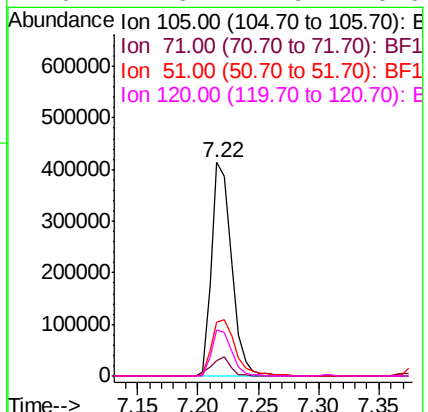
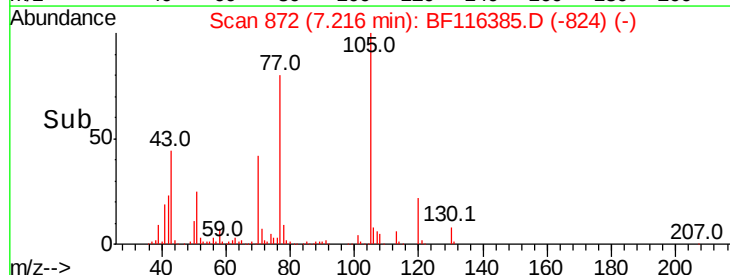
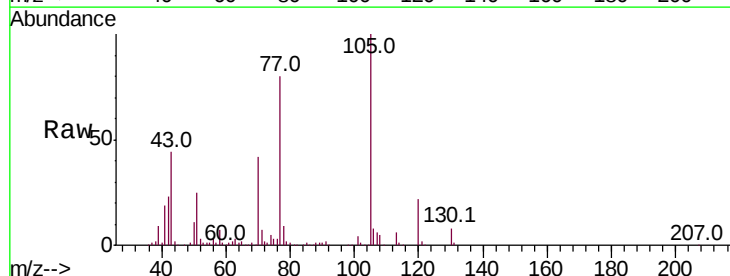
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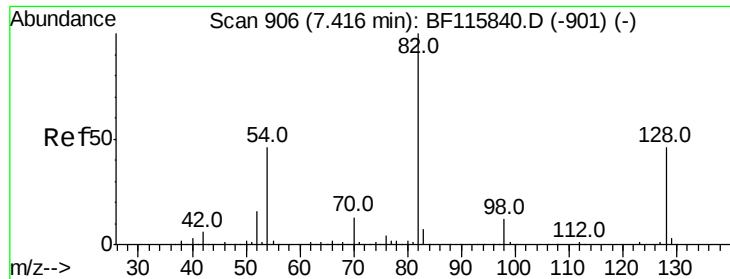
mohammad
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#22
Acetophenone
Concen: 42.143 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.2	5.9	8.9	
51	25.0	25.3	37.9#	
120	21.6	17.9	26.9	





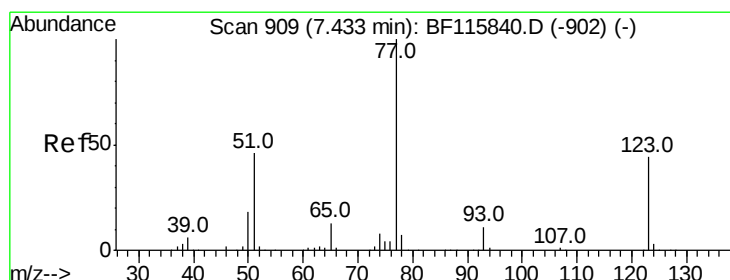
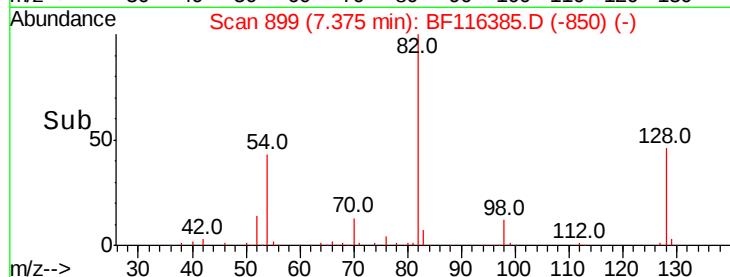
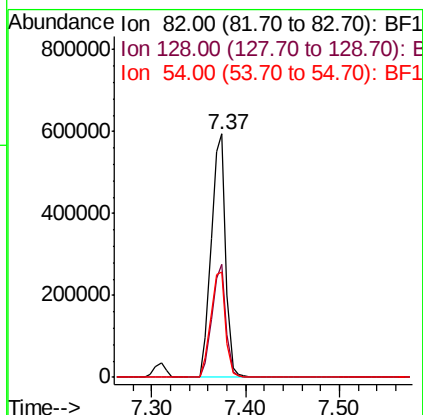
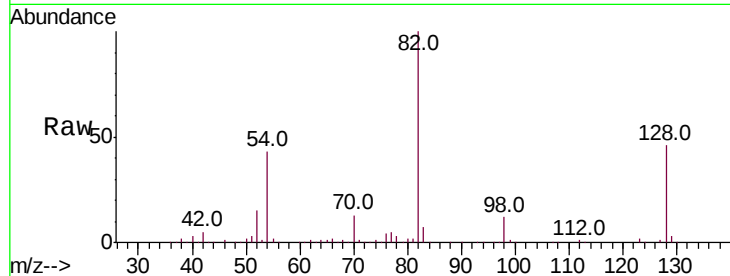
#23
 Nitrobenzene-d5
 Concen: 73.192 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	646153		
128	46.2	36.5	54.7	
54	43.2	36.0	54.0	

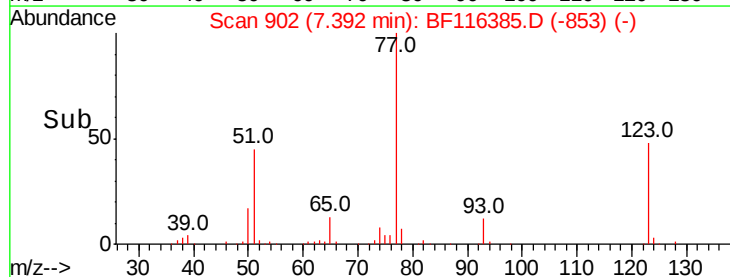
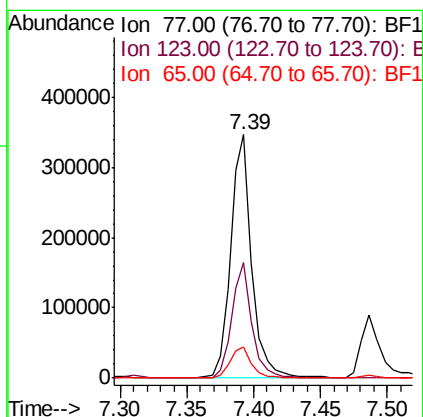
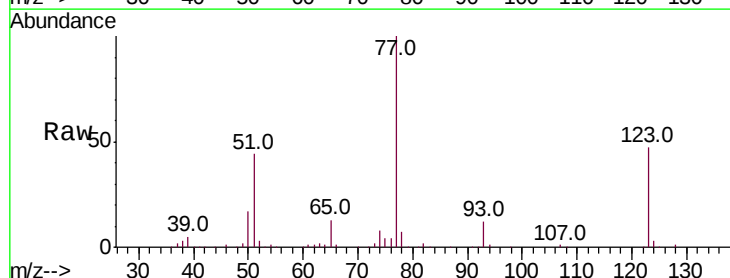
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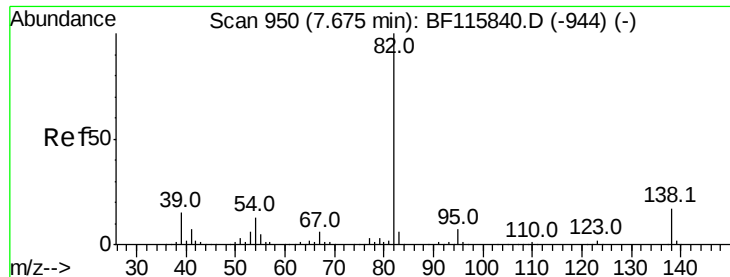
mohammad
 8/22/2019 12:45:05 PM



#24
 Nitrobenzene
 Concen: 39.996 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	381255		
123	47.2	36.7	55.1	
65	13.0	10.6	16.0	





#25

Isophorone

Concen: 40.444 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Instrument :

BNA_F

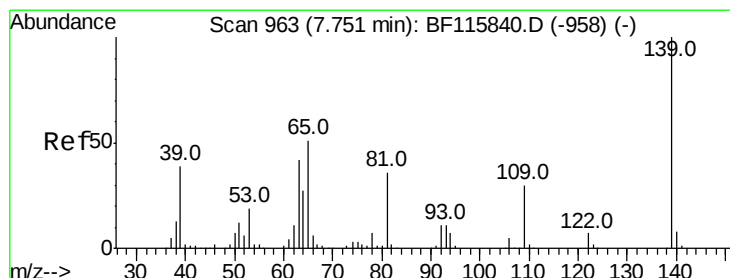
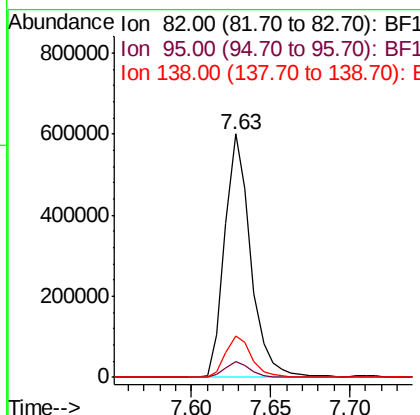
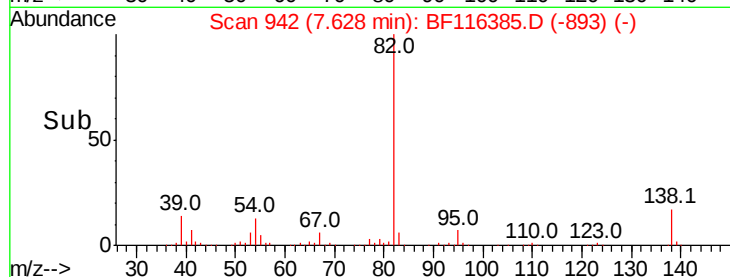
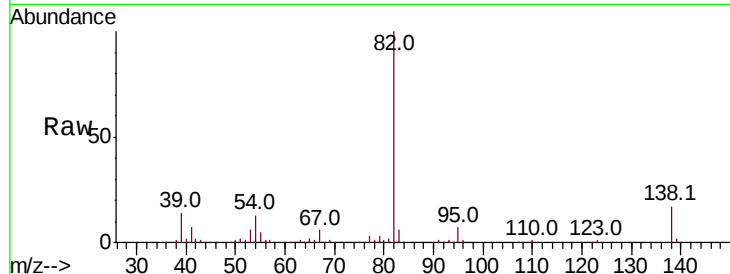
ClientSampleId :

PB122249BS

Tot Ion:	82	Resp:	682738
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.4	8.0
138	17.3	14.5	21.7

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#26

2-Nitrophenol

Concen: 41.189 ng

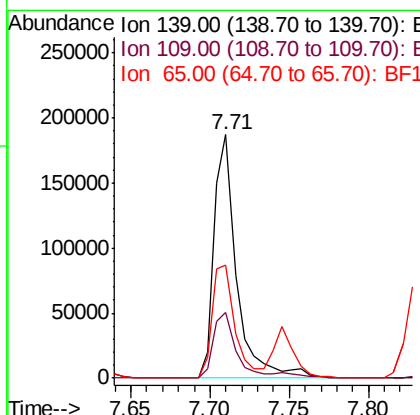
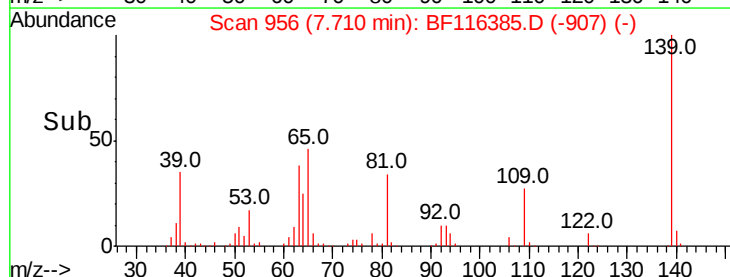
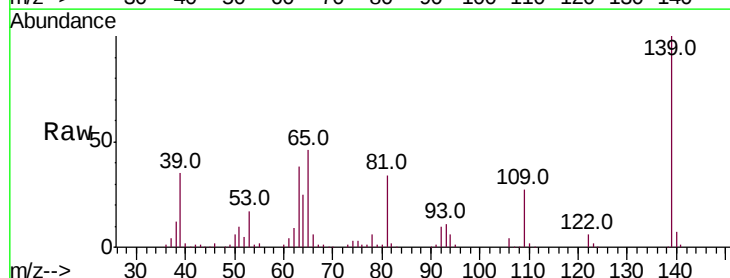
RT: 7.71 min Scan# 956

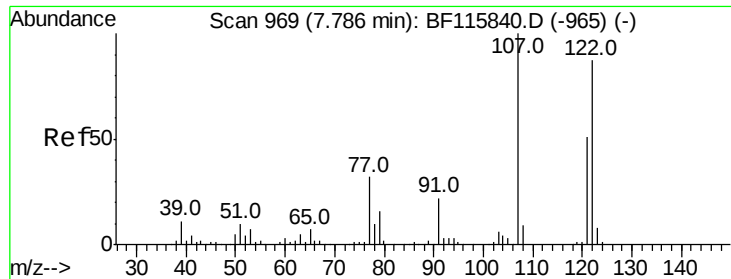
Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Tgt Ion:	139	Resp:	185081
Ion Ratio	Lower	Upper	
139	100		
109	27.2	23.4	35.2
65	46.4	41.1	61.7





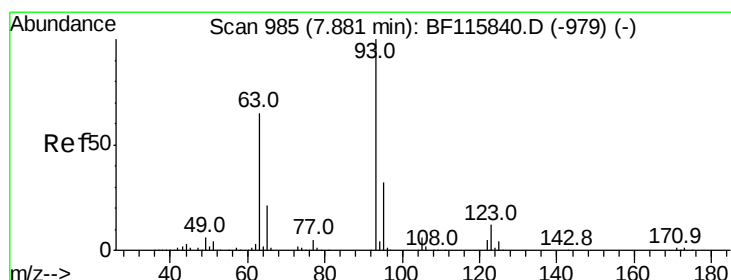
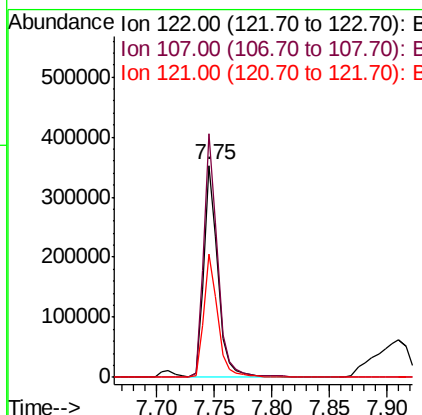
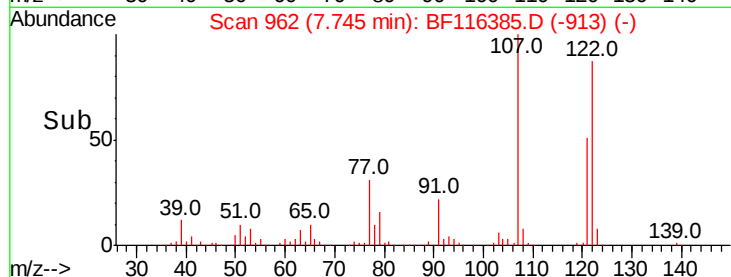
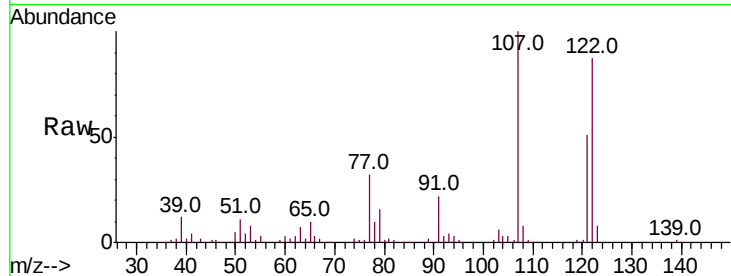
#27
2,4-Dimethylphenol
Concen: 44.980 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.0	93.0	139.6
121	58.2	47.6	71.4

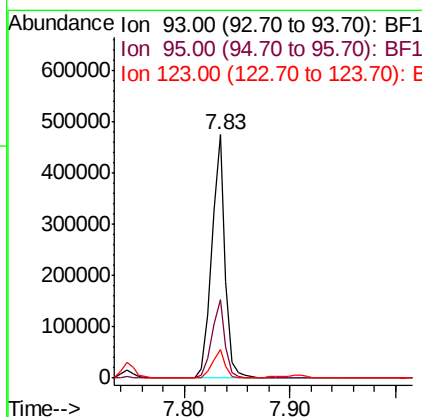
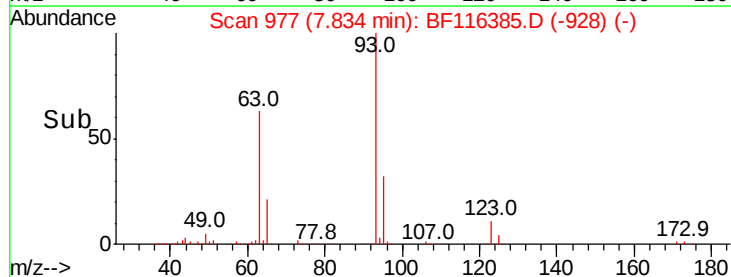
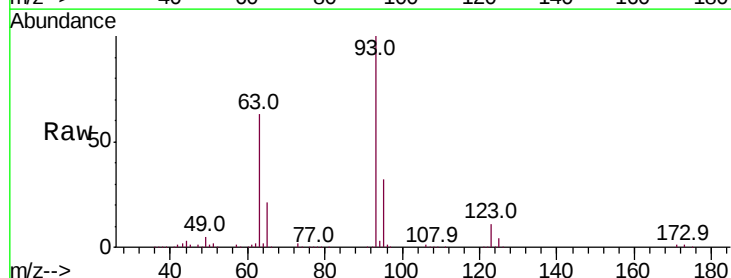
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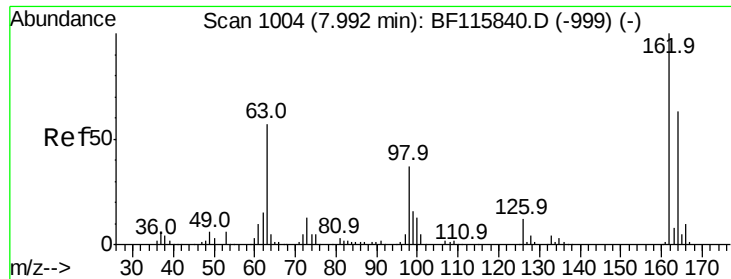
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.212 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	11.5	9.2	13.8





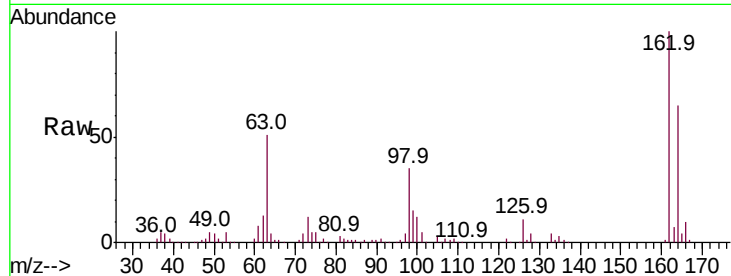
#29
 2,4-Dichlorophenol
 Concen: 41.315 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

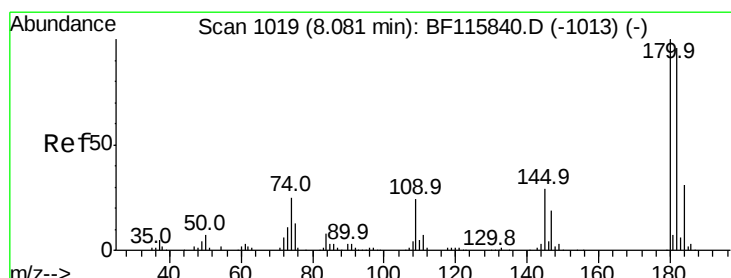
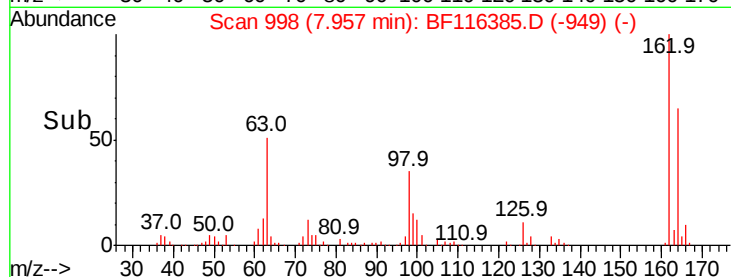
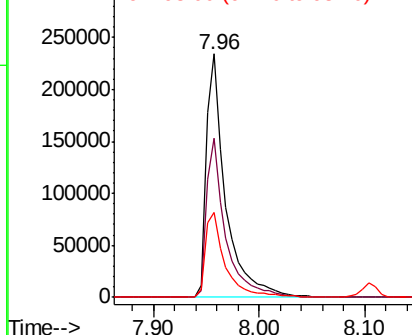
Tot Ion:	162	Resp:	294901
Ion Ratio	Lower	Upper	
162	100		
164	65.3	45.1	85.1
98	35.0	15.8	55.8

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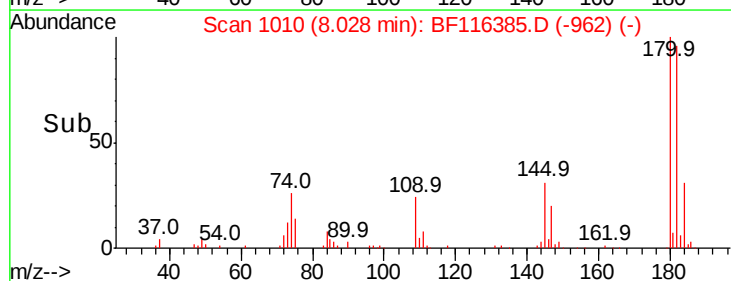
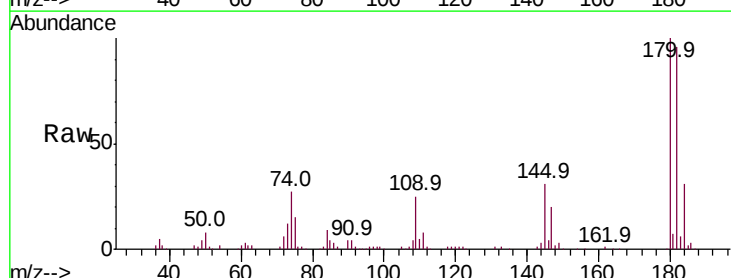
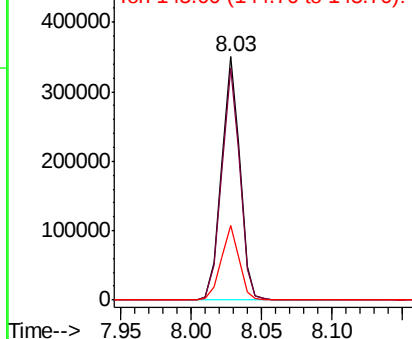
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

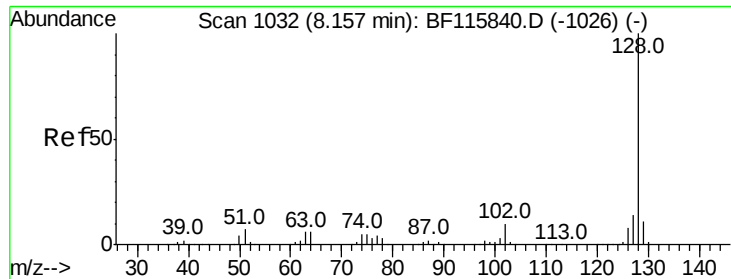


#30
 1,2,4-Trichlorobenzene
 Concen: 38.791 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Tgt Ion:	180	Resp:	315625
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.7	113.5
145	30.7	24.3	36.5

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





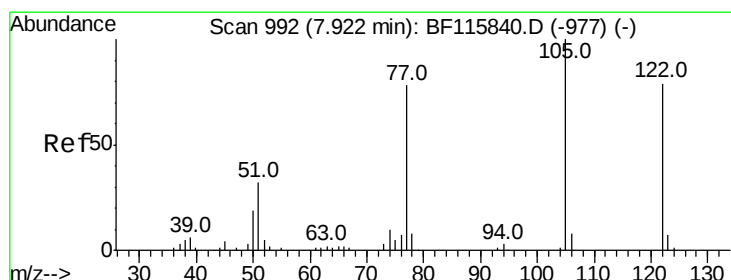
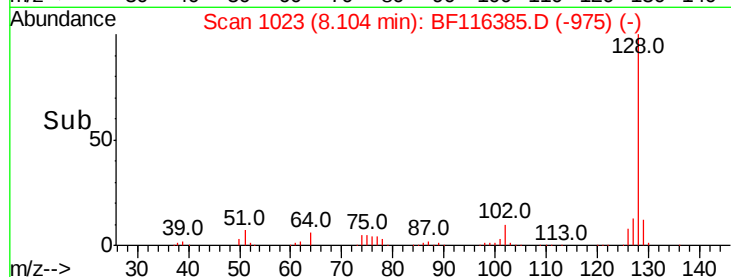
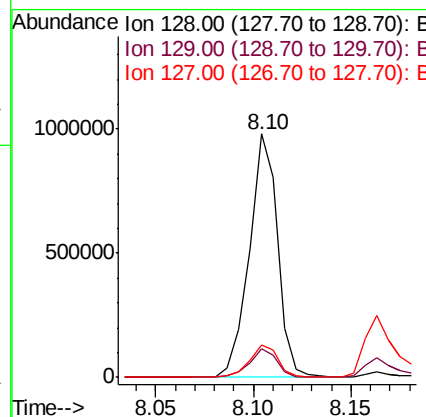
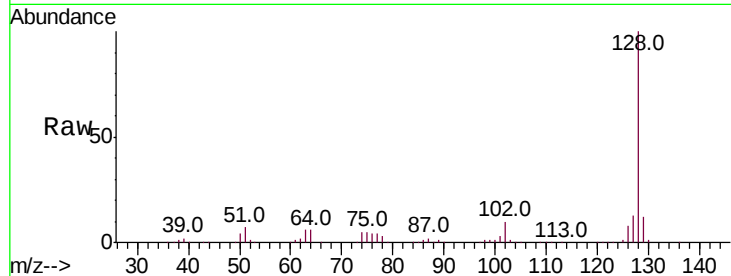
#31
Naphthalene
Concen: 41.029 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampled :
PB122249BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.4	11.4	17.0

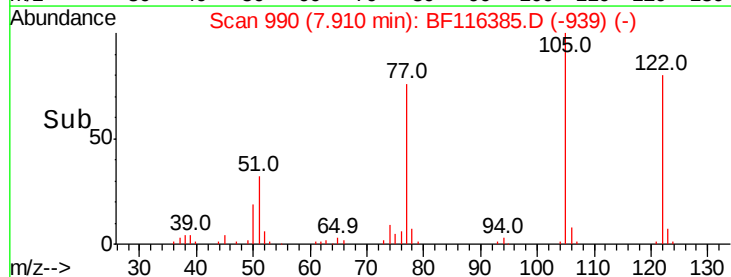
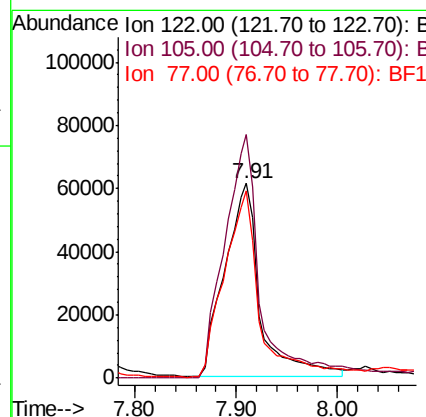
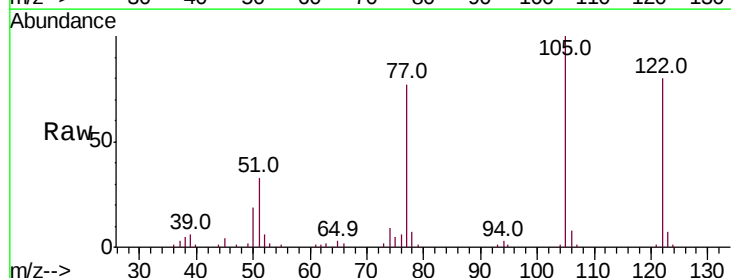
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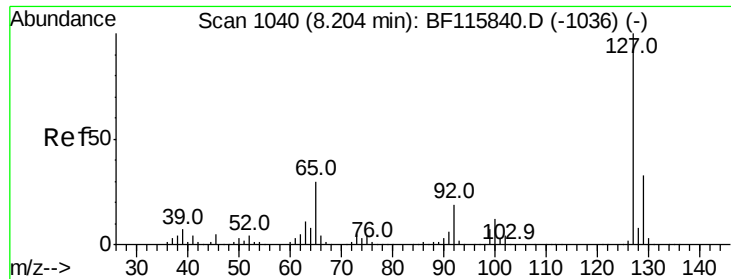
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#32
Benzoic acid
Concen: 30.906 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	125.1	106.1	146.1
77	96.1	76.7	116.7





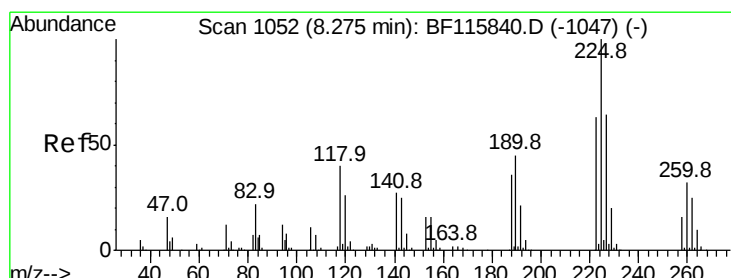
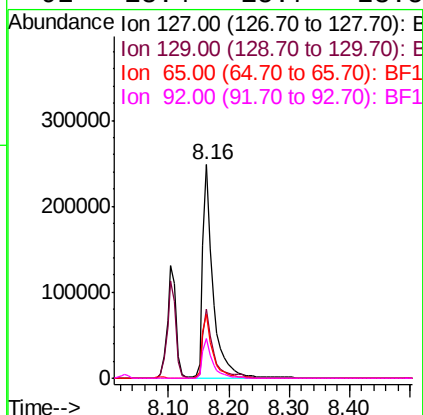
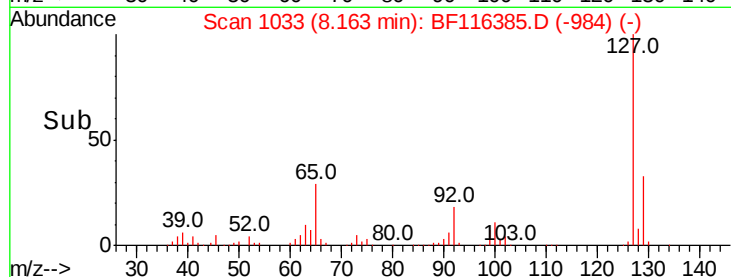
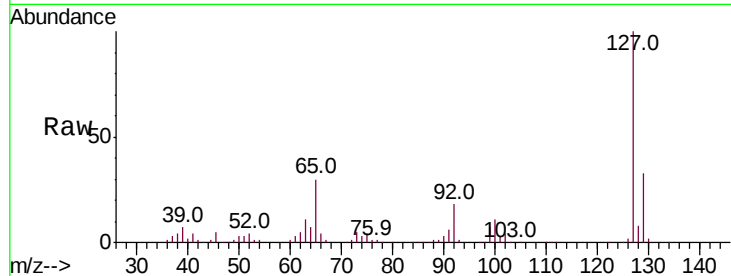
#33
4-Chloroaniline
Concen: 27.867 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	298587		
129	32.6		26.1	39.1
65	29.8		24.9	37.3
92	18.4		15.7	23.5

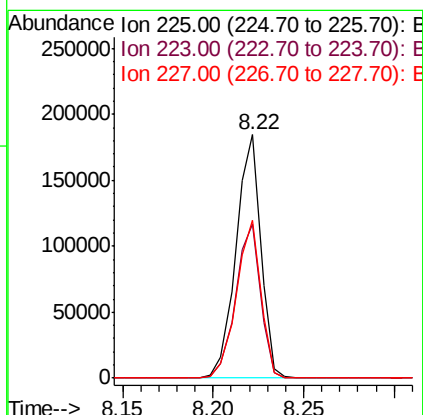
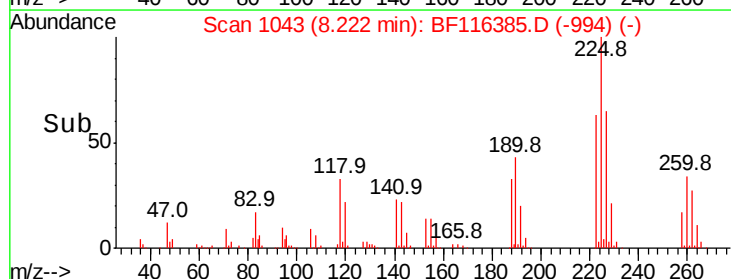
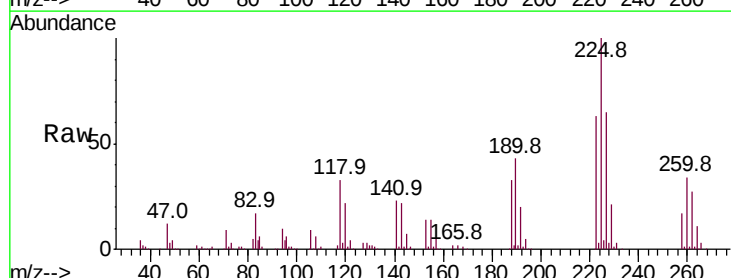
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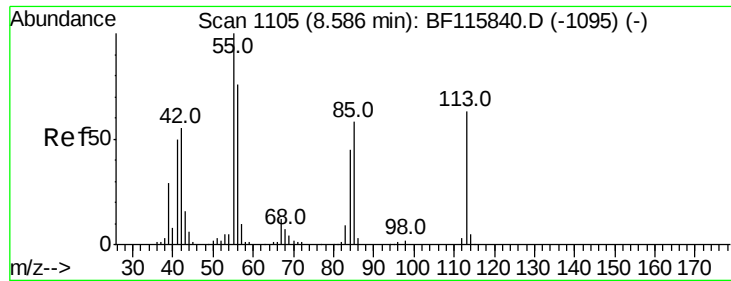
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#34
Hexachlorobutadiene
Concen: 37.467 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	175595		
223	63.3		50.0	75.0
227	64.8		51.0	76.4





#35

Caprolactam

Concen: 39.443 ng/mL

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Instrument :

BNA_F

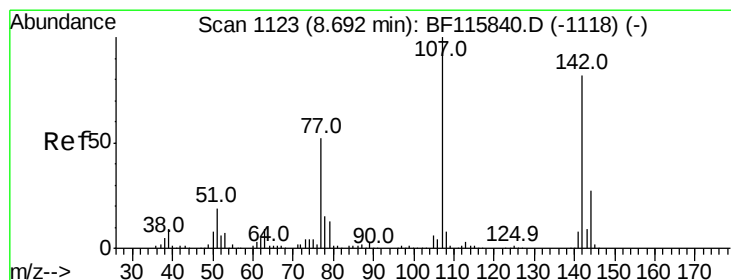
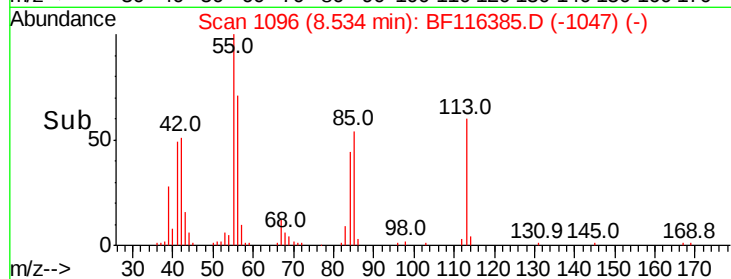
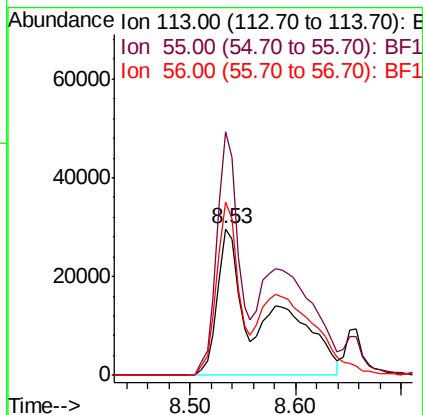
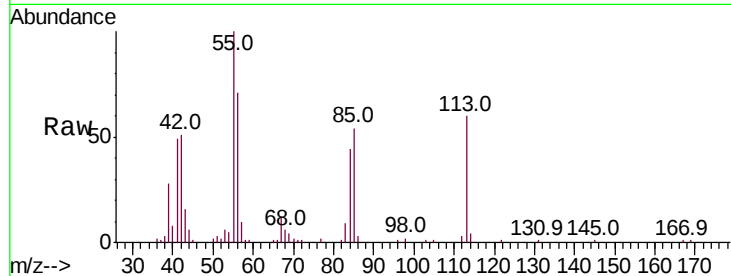
ClientSampleID :

PB122249BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	165.7	144.3	184.3	
56	117.7	97.1	137.1	

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#36

4-Chloro-3-methylphenol

Concen: 41.429 ng/mL

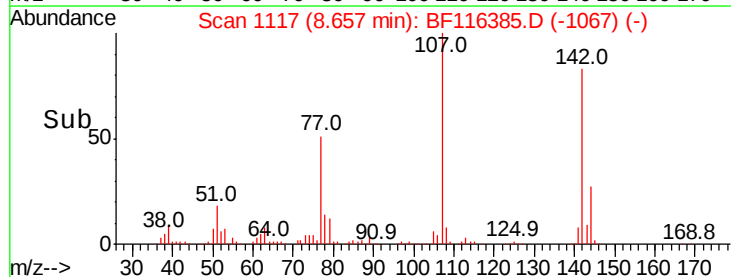
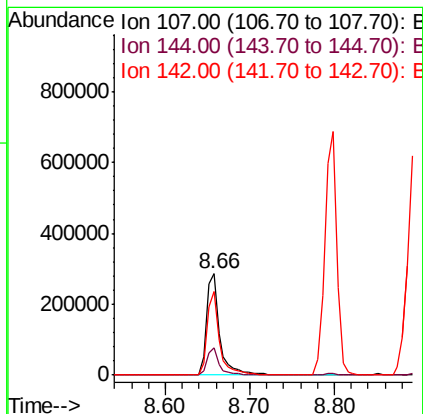
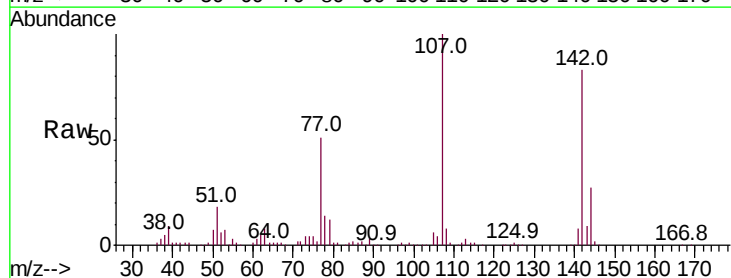
RT: 8.66 min Scan# 1117

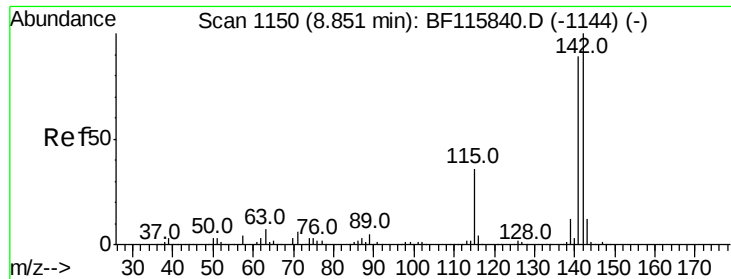
Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.2	20.2	30.2	
142	82.8	61.7	92.5	





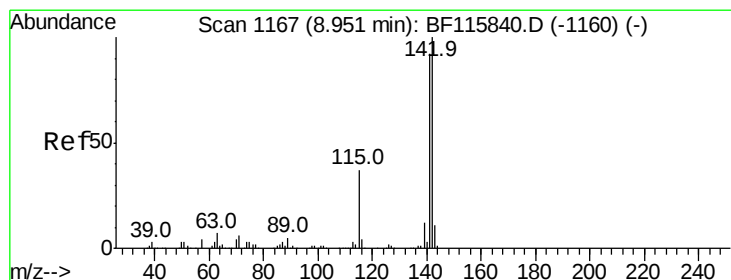
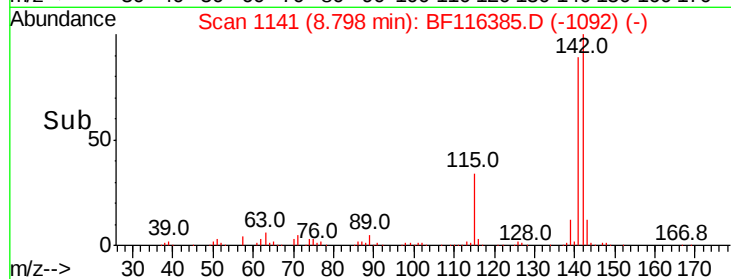
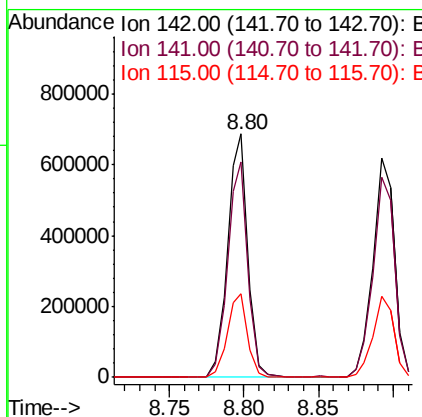
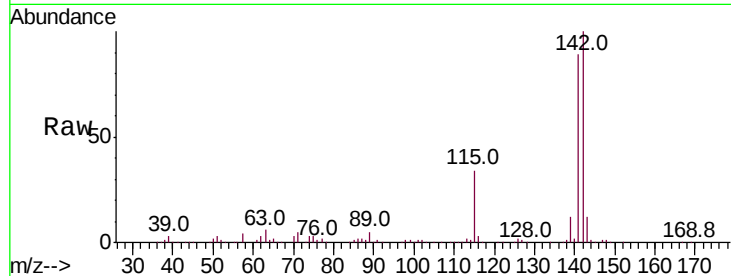
#37
 2-Methylnaphthalene
 Concen: 41.323 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	652620		
141	88.5	70.9	106.3	
115	34.4	29.0	43.6	

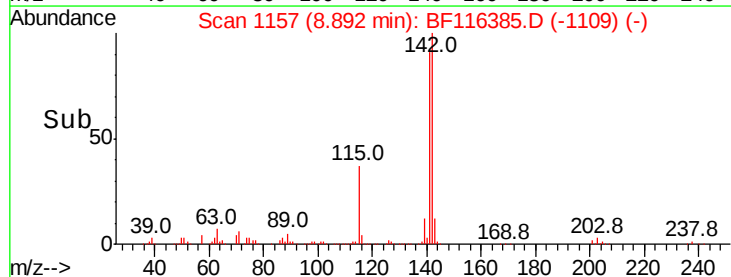
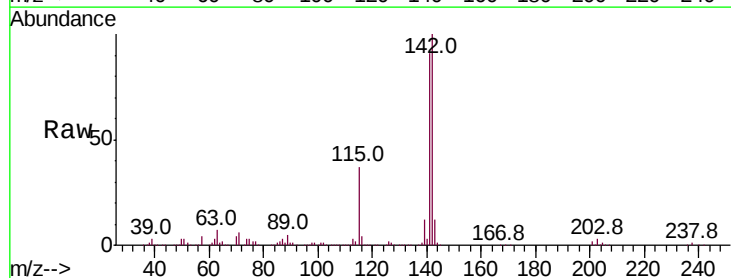
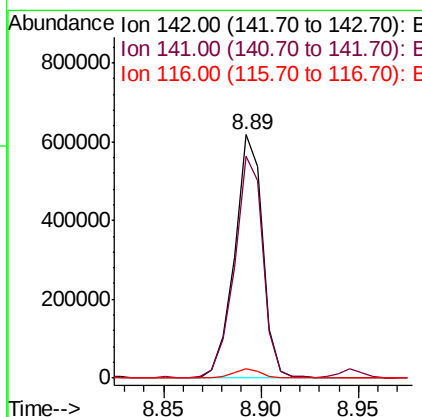
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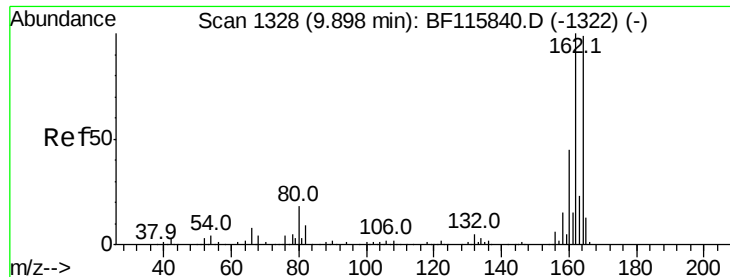
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#38
 1-Methylnaphthalene
 Concen: 41.065 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	613541		
141	91.2	74.4	111.6	
116	3.9	3.1	4.7	





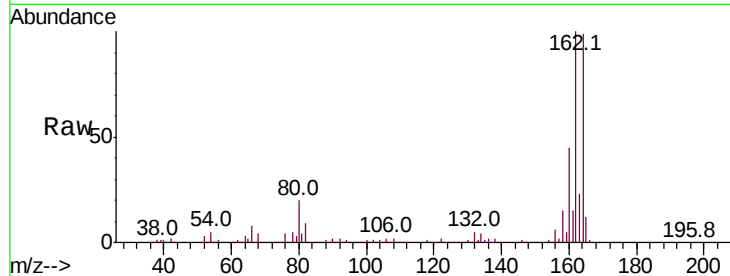
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	124.0
160	45.6	37.6	56.4

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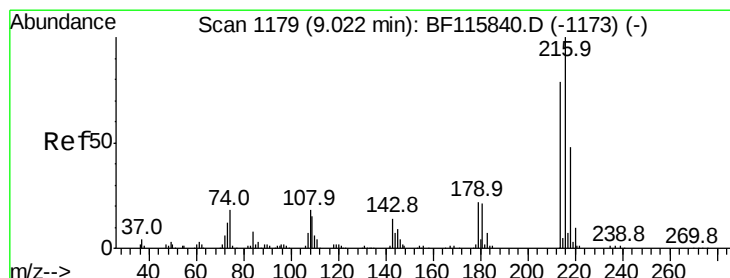
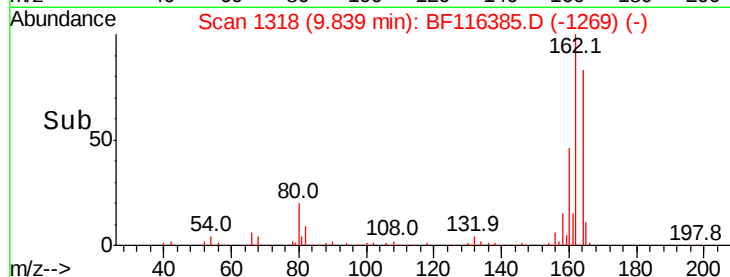
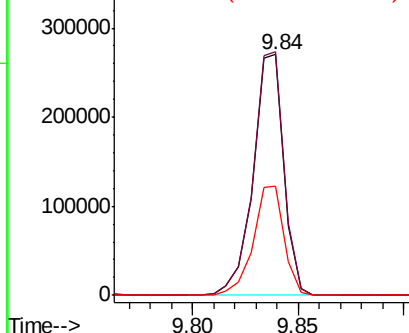


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.122 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.6	95.4
179	22.3	17.8	26.8
108	20.4	16.5	24.7

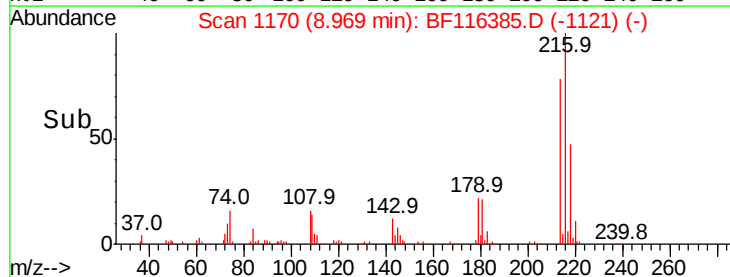
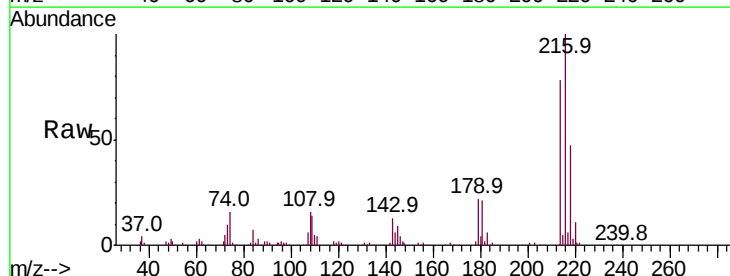
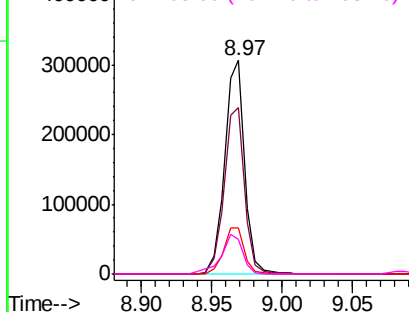
Abundance

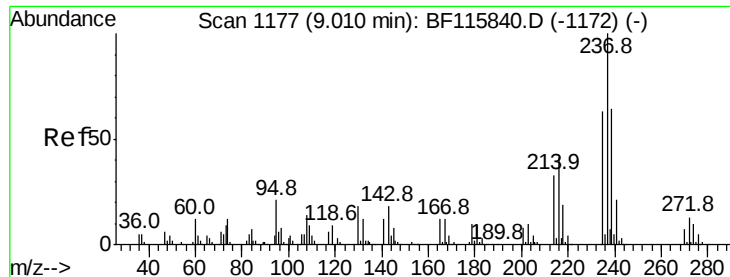
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.812 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Instrument :

BNA_F

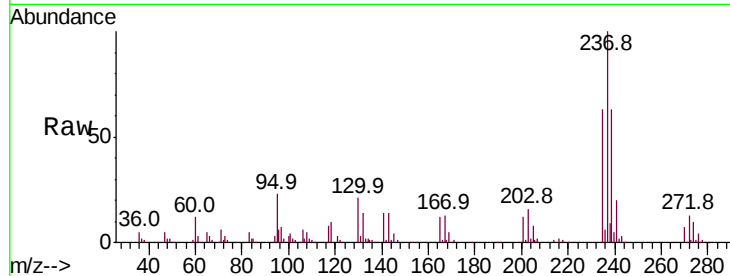
ClientSampleId :

PB122249BS

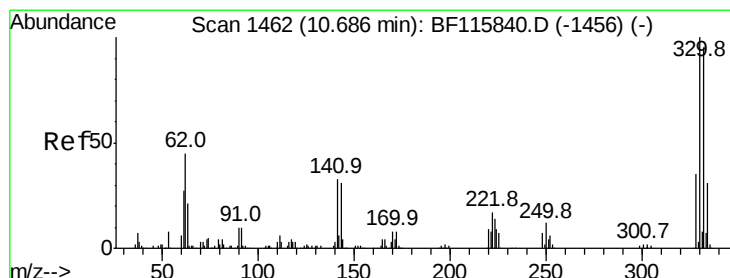
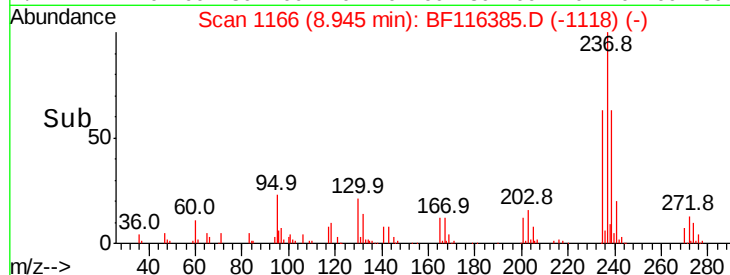
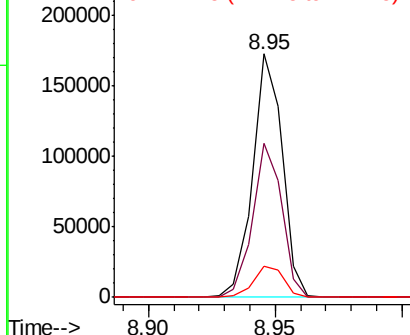
Tot Ion	Ratio	Resp	Lower	Upper
237	100	141281		
235	63.3	43.4	83.4	
272	12.8	0.0	33.2	

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 105.859 ng

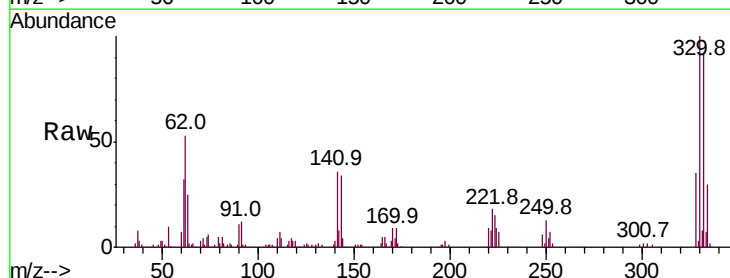
RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

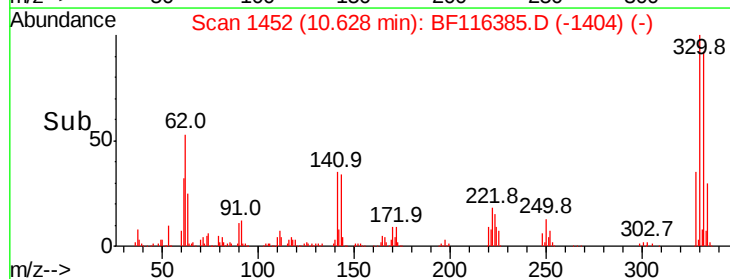
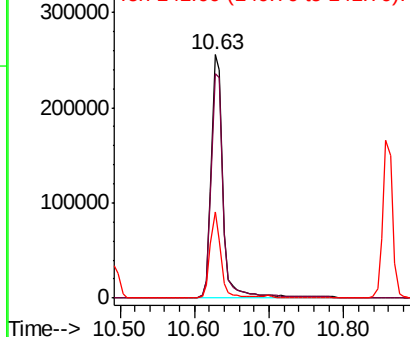
Lab File: BF116385.D

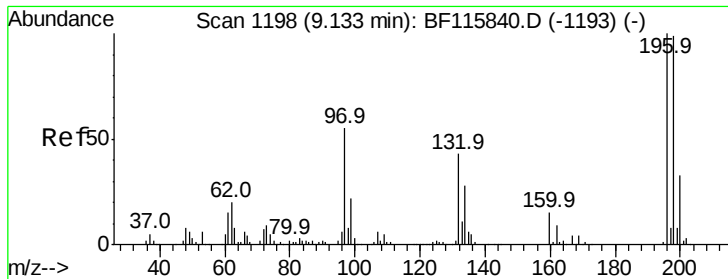
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	280459		
332	96.0	76.8	115.2	
141	32.8	26.3	39.5	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





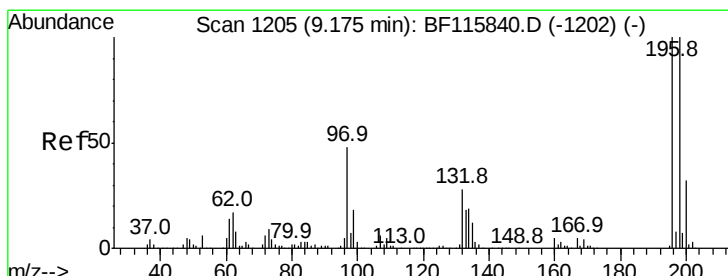
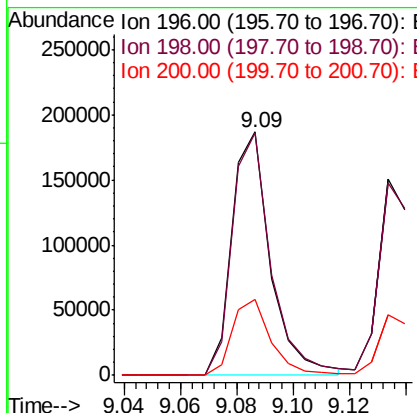
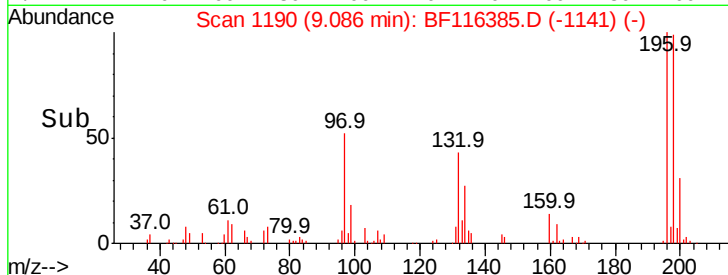
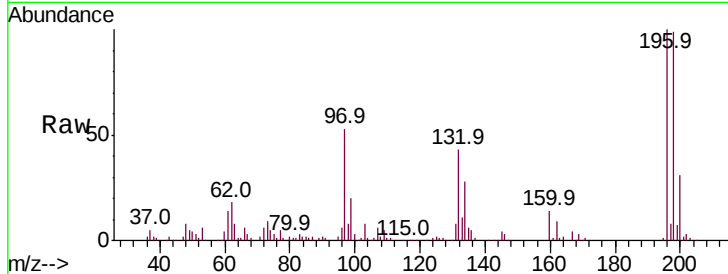
#43
 2,4,6-Trichlorophenol
 Concen: 35.361 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Instrument :
 BNA_F
 ClientSampled :
 PB122249BS

Tot Ion:	196	Resp:	177808
Ion Ratio	Lower	Upper	
196	100		
198	99.4	79.2	118.8
200	31.4	25.2	37.8

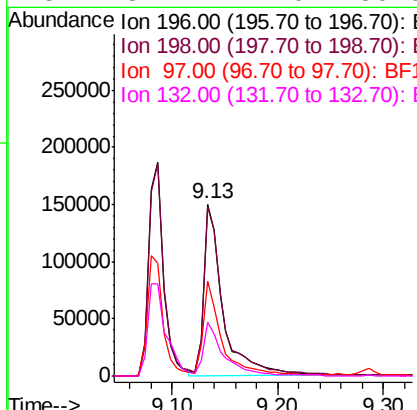
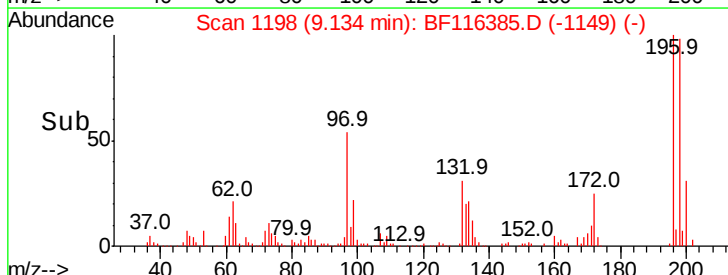
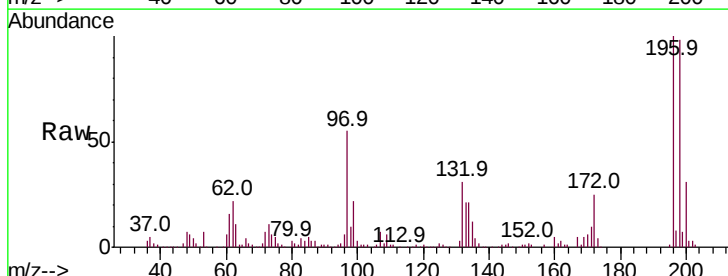
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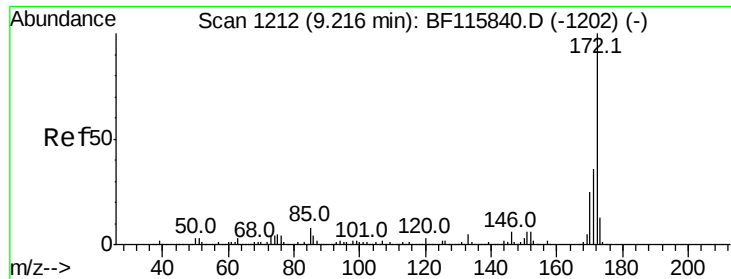
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#44
 2,4,5-Trichlorophenol
 Concen: 35.852 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Tgt Ion:	196	Resp:	186354
Ion Ratio	Lower	Upper	
196	100		
198	98.3	78.8	118.2
97	55.0	42.2	63.4
132	31.2	24.0	36.0





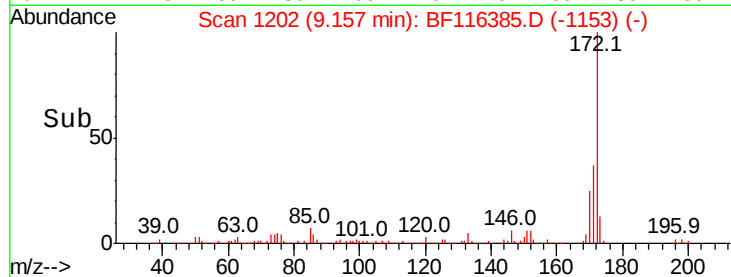
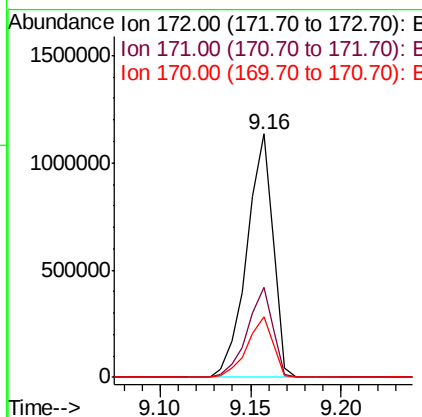
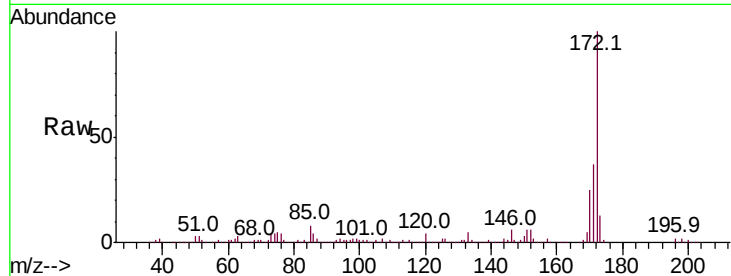
#45
2-Fluorobiphenyl
Concen: 78.296 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.9	20.1	30.1

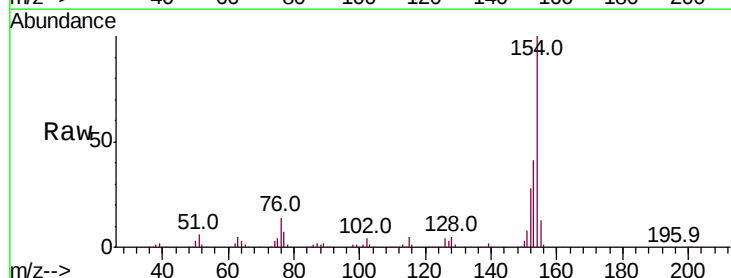
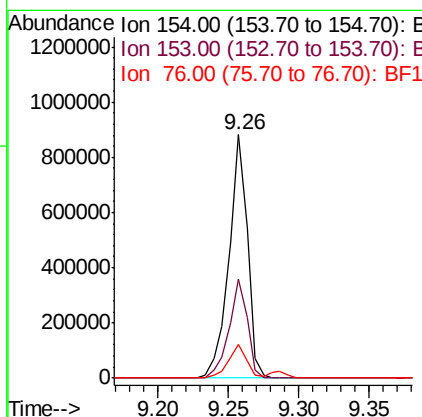
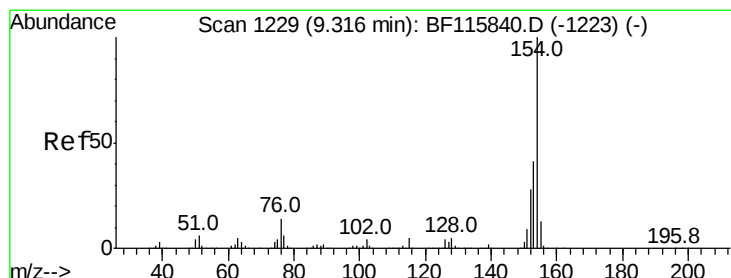
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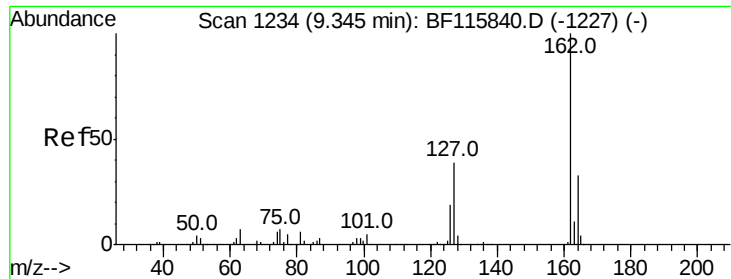
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#46
1,1'-Biphenyl
Concen: 41.714 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.4	61.4
76	14.0	0.0	35.2





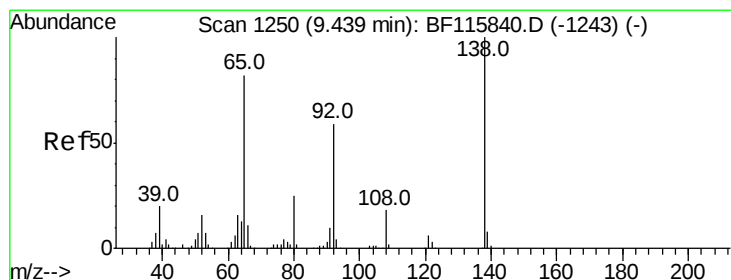
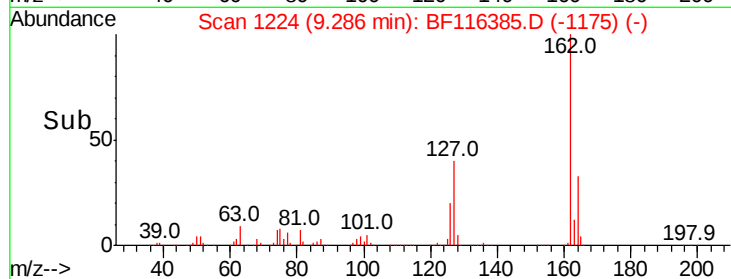
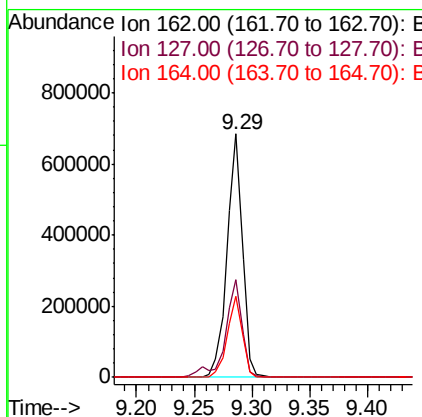
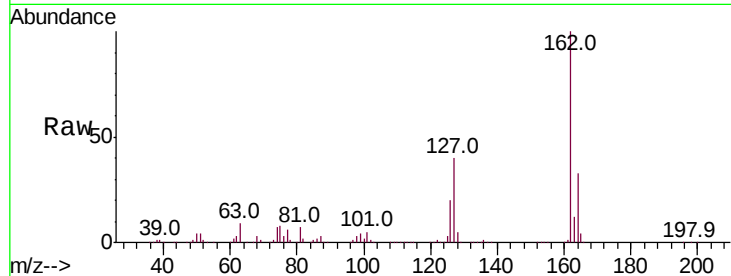
#47
 2-Chloronaphthalene
 Concen: 39.319 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Tot Ion:	162	Resp:	631341
Ion Ratio	Lower	Upper	
162	100		
127	40.1	32.8	49.2
164	33.2	26.6	39.8

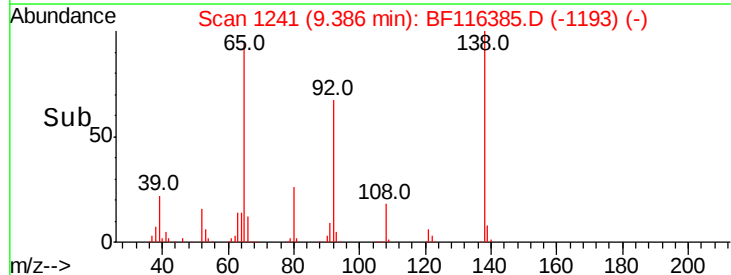
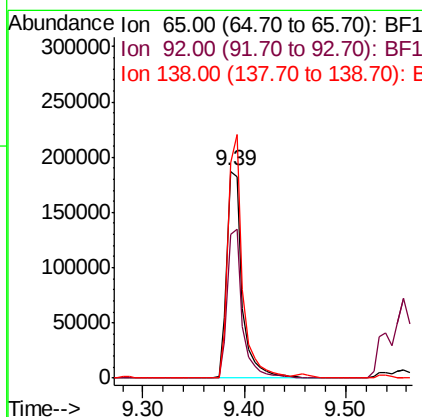
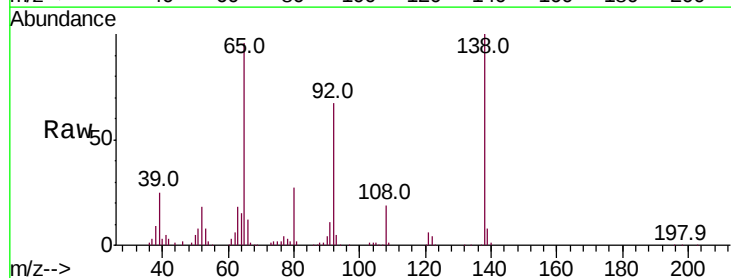
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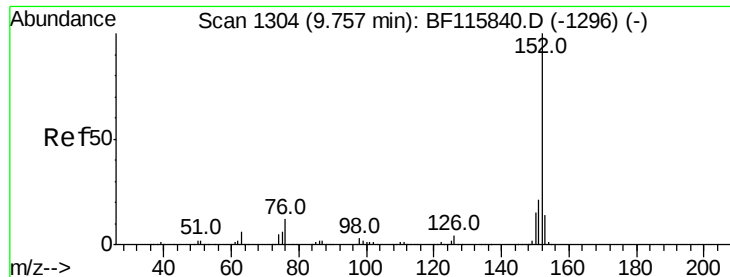
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#48
 2-Nitroaniline
 Concen: 37.144 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Tgt Ion:	65	Resp:	197140
Ion Ratio	Lower	Upper	
65	100		
92	69.4	57.8	86.8
138	104.3	94.0	141.0





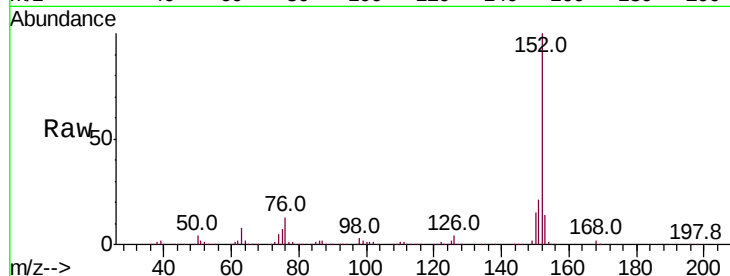
#49
Acenaphthylene
Concen: 40.351 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampled :
PB122249BS

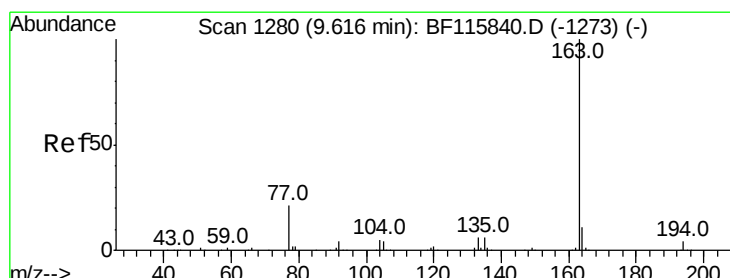
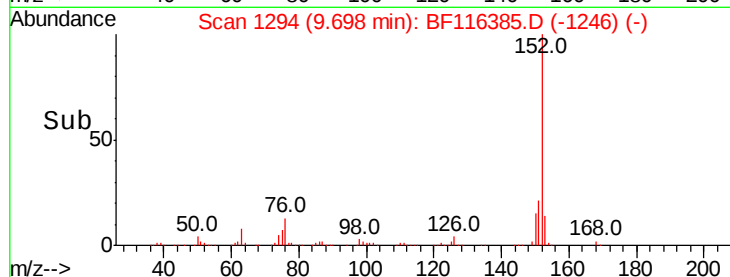
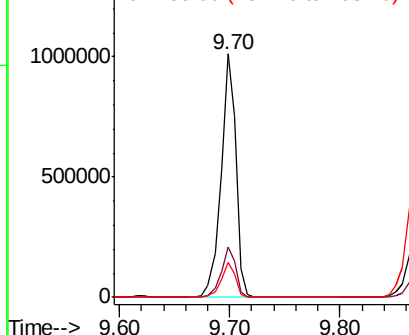
Tot Ion	Ratio	Resp	Lower	Upper
152	100	945233		
151	20.8		17.2	25.8
153	14.2		11.8	17.8

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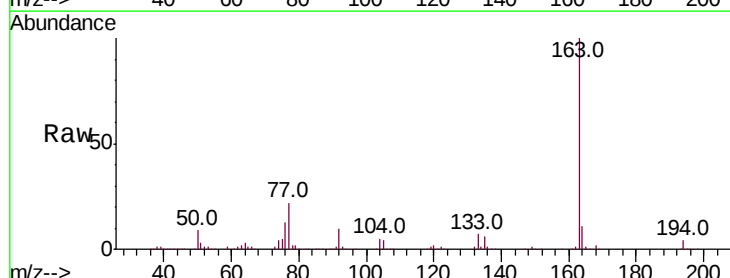


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

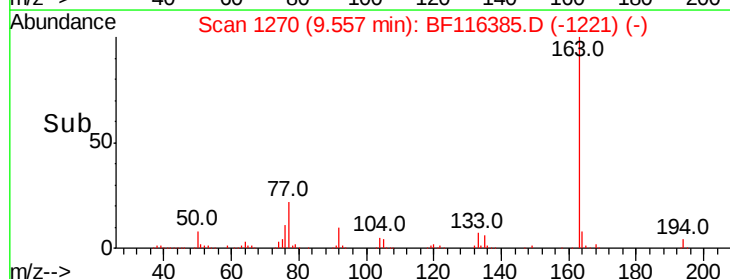
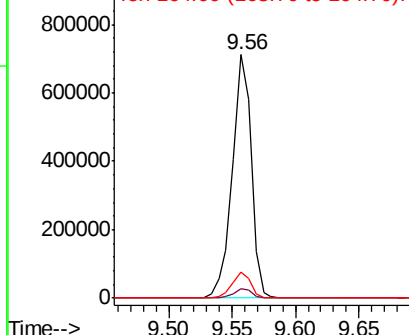


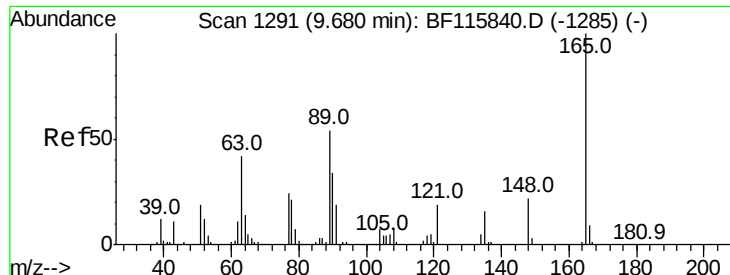
#50
Dimethylphthalate
Concen: 39.373 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	732584		
194	3.7		3.0	4.6
164	10.6		8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.450 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Instrument :

BNA_F

ClientSampled :

PB122249BS

Tot Ion:165 Resp: 163558

Ion Ratio Lower Upper

165 100

63 57.6 38.2 57.2#

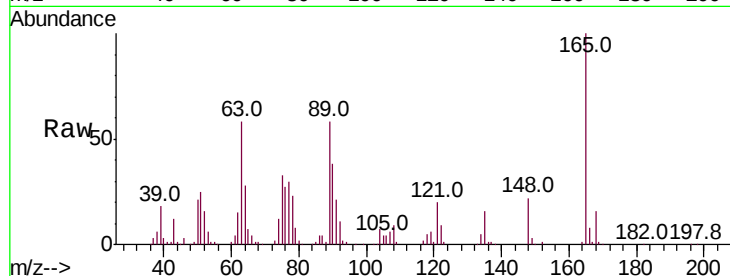
89 57.8 42.9 64.3

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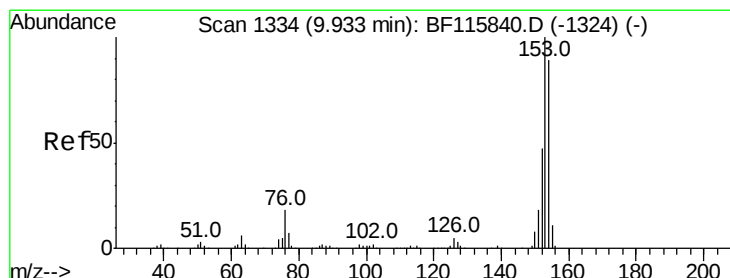
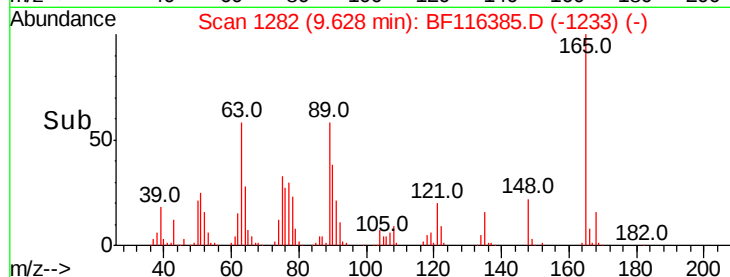
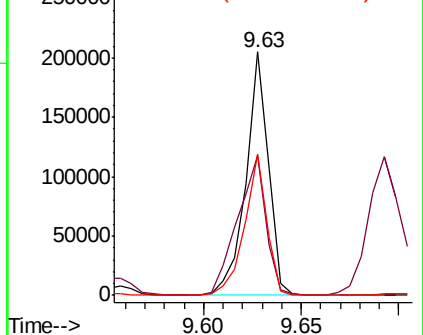
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.208 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

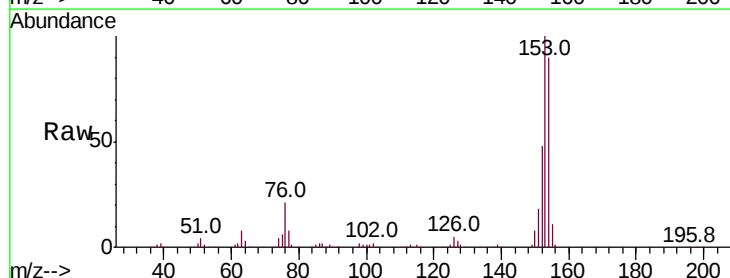
Tgt Ion:154 Resp: 577844

Ion Ratio Lower Upper

154 100

153 111.1 89.4 134.0

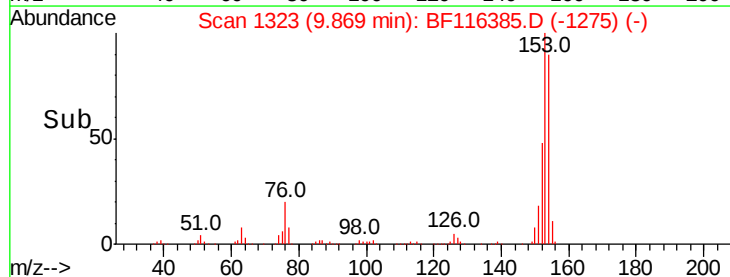
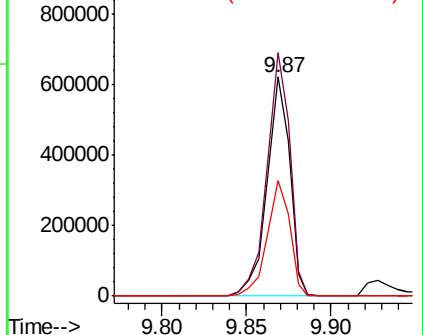
152 53.0 42.3 63.5

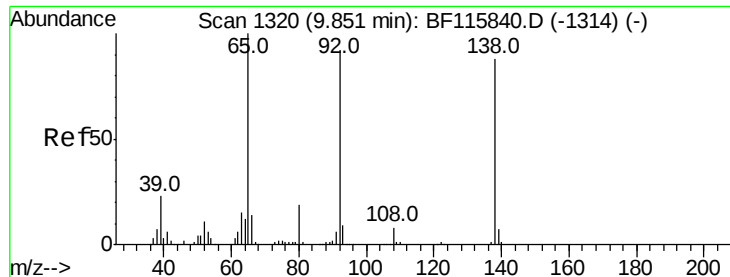


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





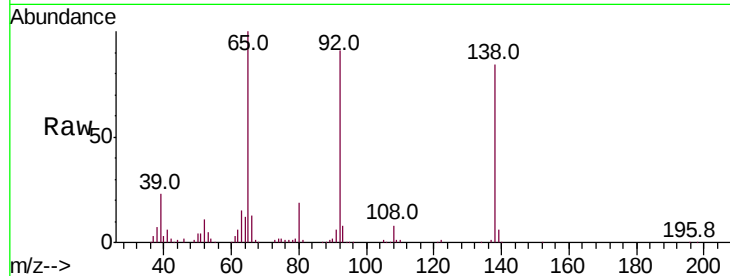
#53
3-Nitroaniline
Concen: 26.555 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleId :
PB122249BS

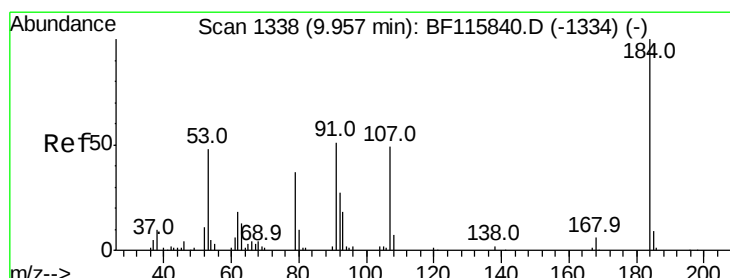
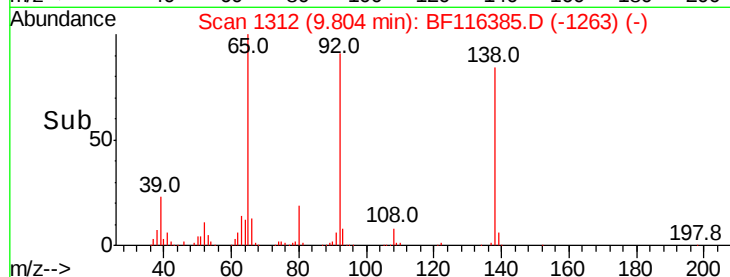
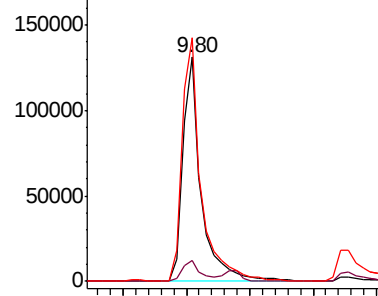
Tot Ion	Ratio	Resp	Lower	Upper
138	100	132675		
108	9.5	8.0	12.0	
92	108.7	91.0	136.6	

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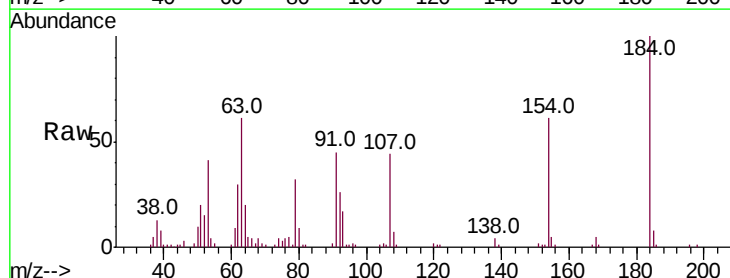


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

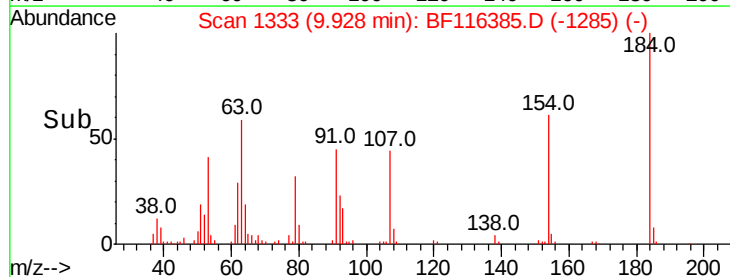
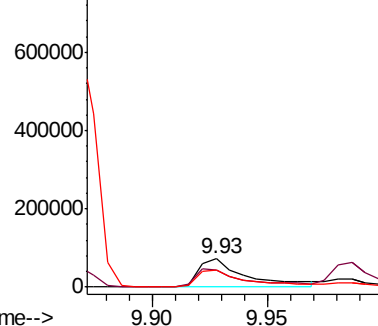


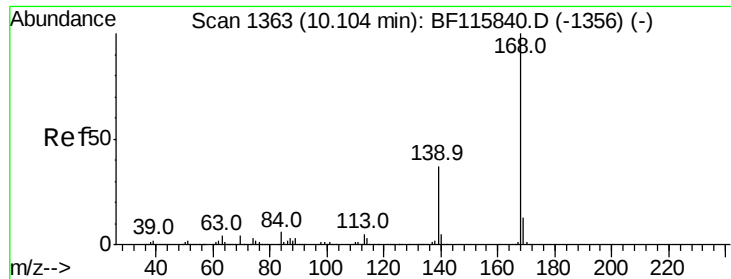
#54
2,4-Dinitrophenol
Concen: 52.633 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	102152		
63	61.4	53.0	79.4	
154	60.9	50.1	75.1	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.931 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Instrument :

BNA_F

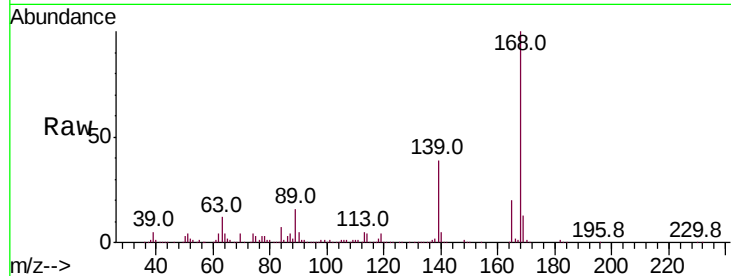
ClientSampleId :

PB122249BS

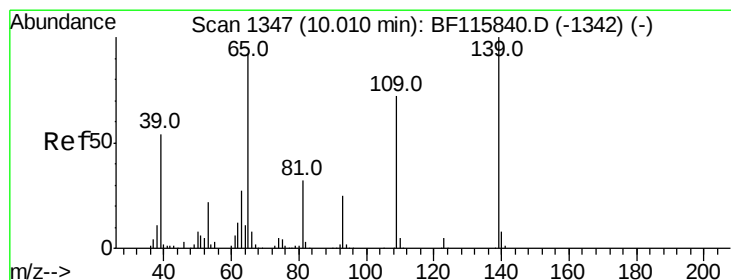
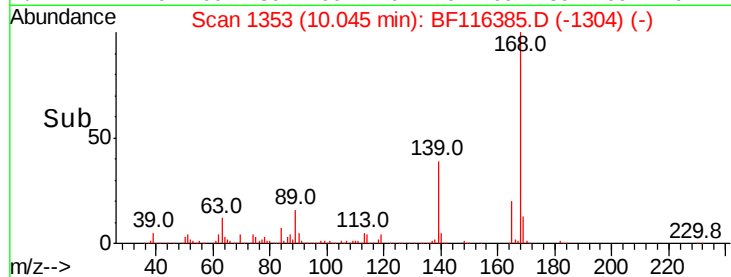
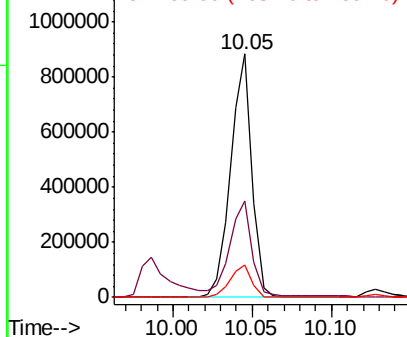
Tot Ion:	168	Resp:	813625
Ion Ratio	Lower	Upper	
168	100		
139	39.5	31.4	47.2
169	13.4	10.9	16.3

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 59.587 ng

RT: 9.99 min Scan# 1343

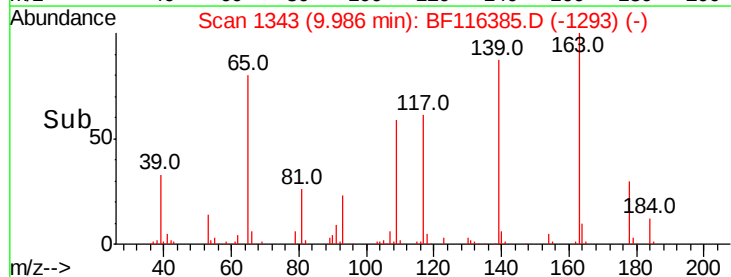
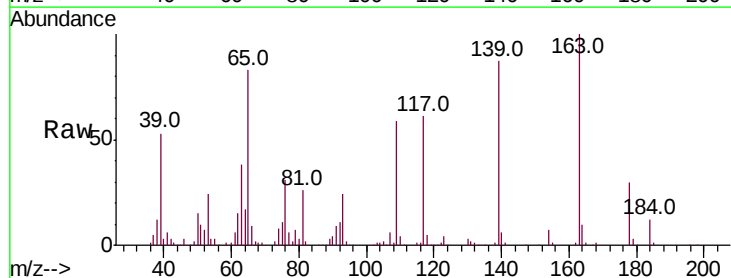
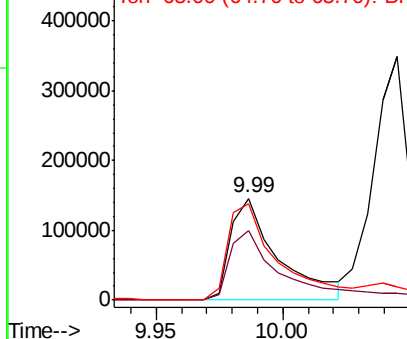
Delta R.T. -0.01 min

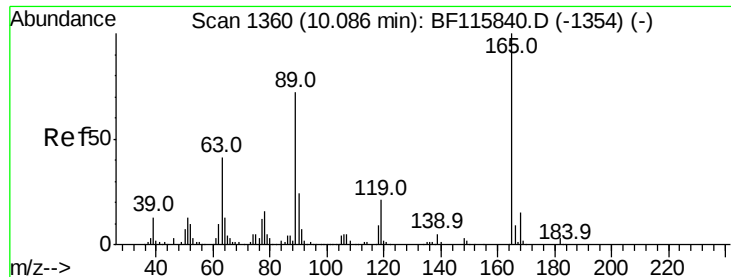
Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Tgt Ion:	139	Resp:	190710
Ion Ratio	Lower	Upper	
139	100		
109	68.1	54.4	94.4
65	94.9	80.6	120.6

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 37.694 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Instrument :

BNA_F

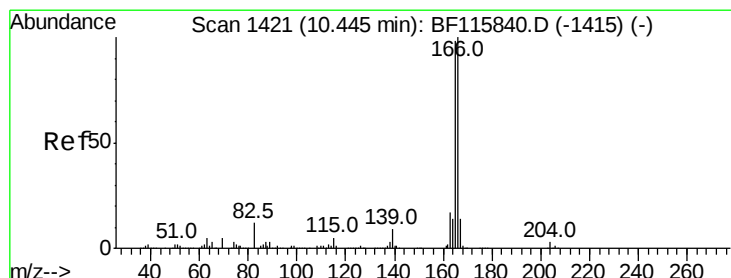
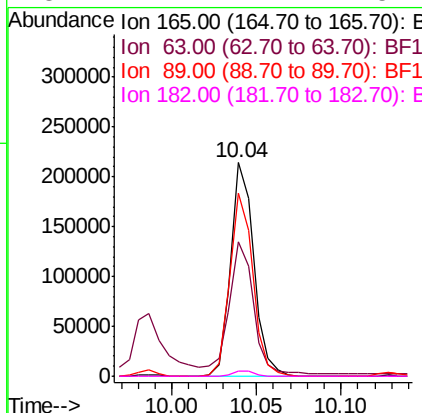
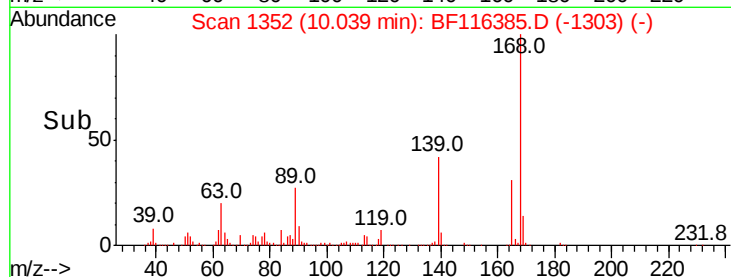
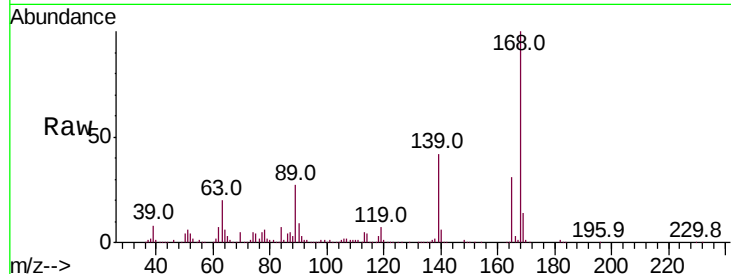
ClientSampleId :

PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.2	39.6	59.4	#
89	85.6	62.2	93.2	
182	2.4	2.1	3.1	

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#58

Fluorene

Concen: 41.749 ng

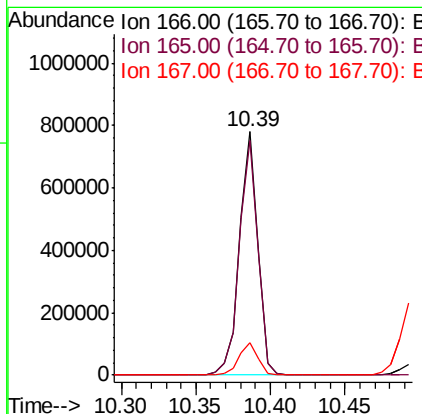
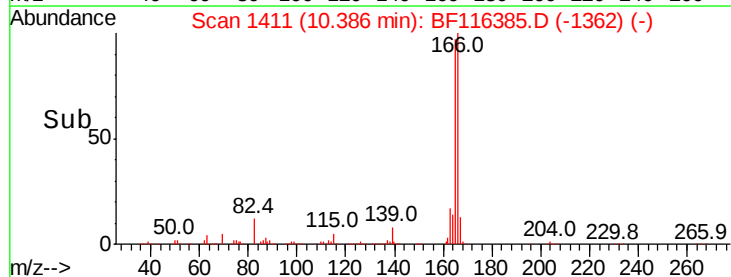
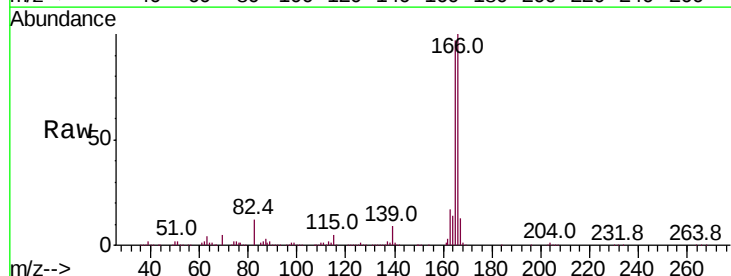
RT: 10.39 min Scan# 1411

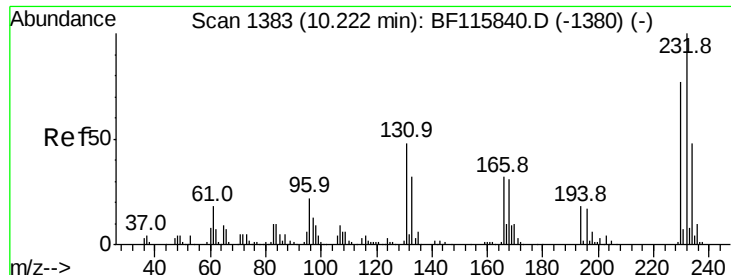
Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.5	78.4	117.6	
167	13.4	11.0	16.4	





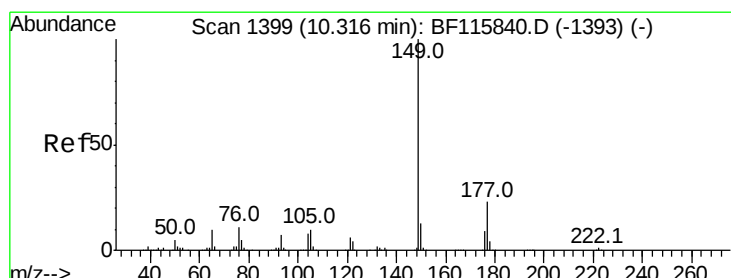
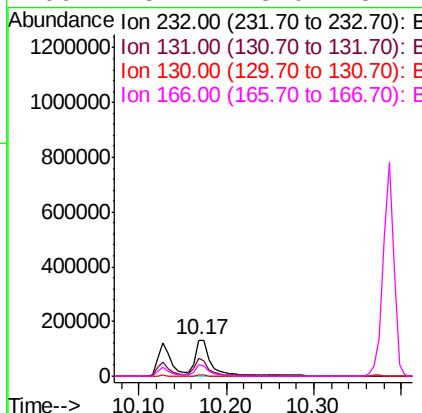
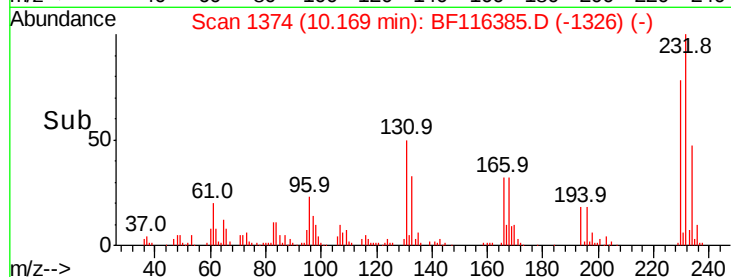
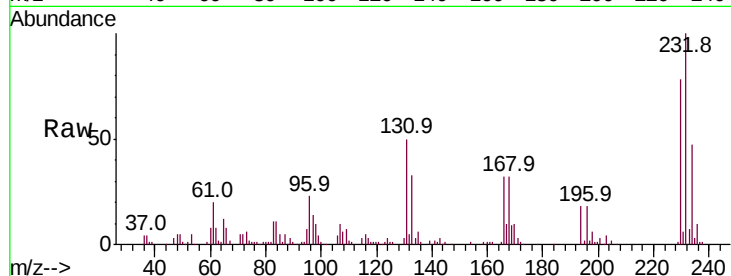
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.181 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	166966		
131	45.5	36.2	54.2	
130	2.4	1.9	2.9	
166	28.7	23.0	34.4	

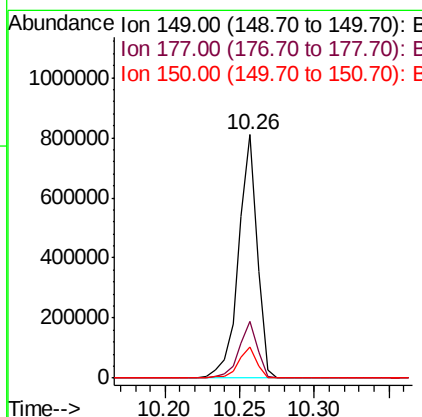
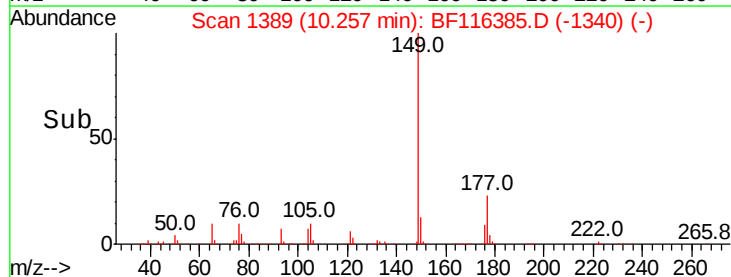
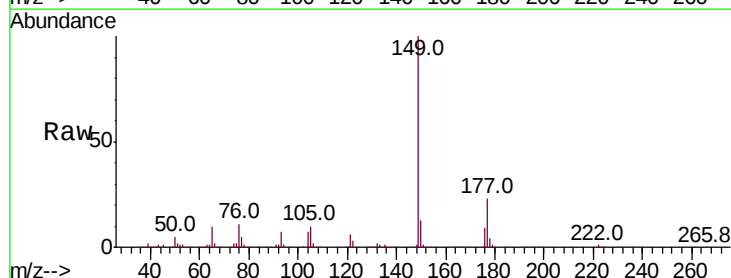
Manual Integrations
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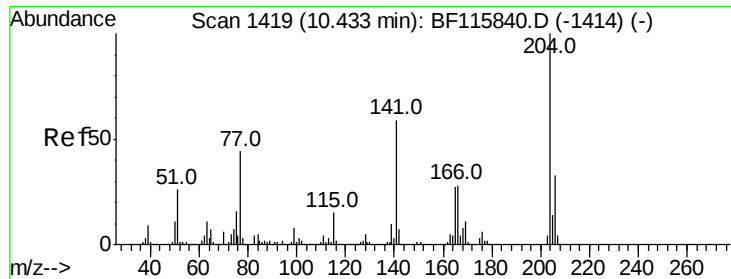
mohammad
 8/22/2019 12:45:05 PM



#60
 Diethylphthalate
 Concen: 41.021 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	712580		
177	23.4	18.8	28.2	
150	12.7	10.2	15.4	





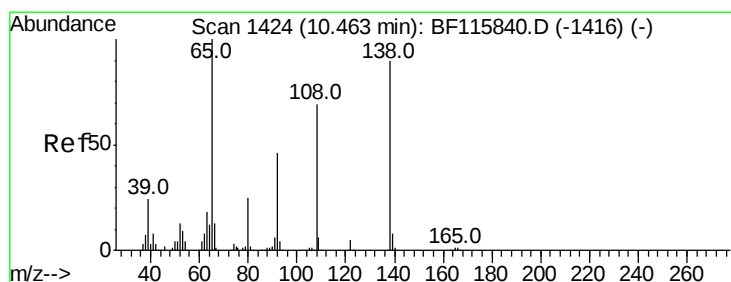
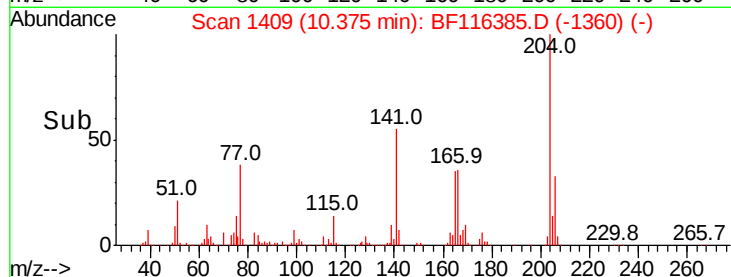
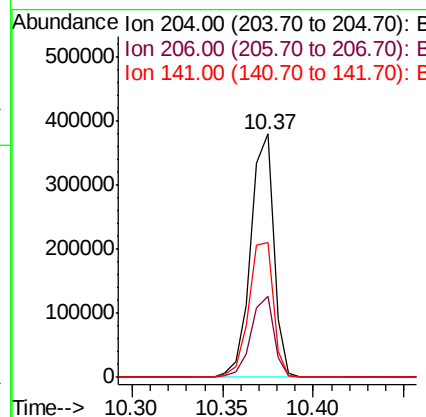
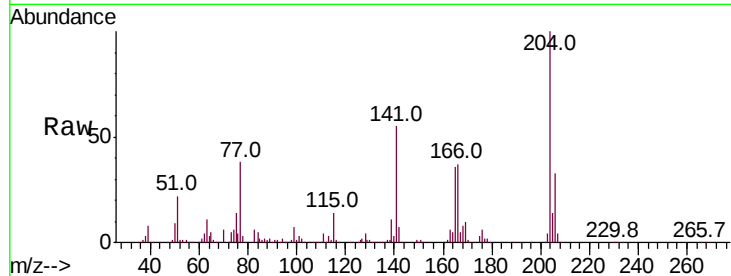
#61
4-Chlorophenyl-phenylether
Concen: 41.523 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampled :
PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	338141		
206	33.2	26.4	39.6	
141	55.5	46.4	69.6	

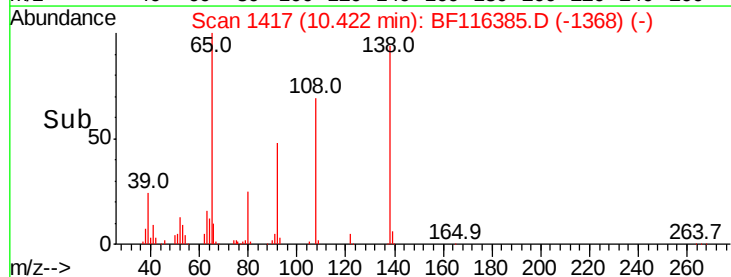
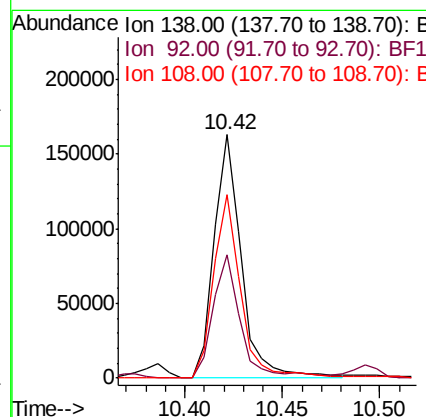
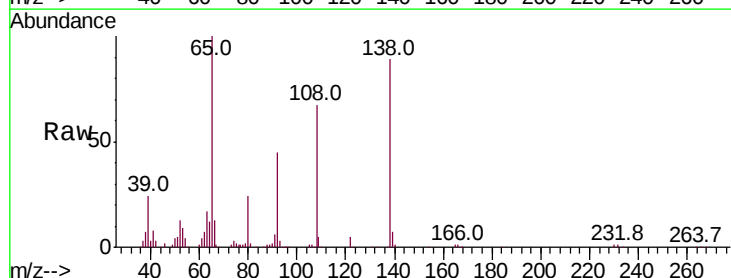
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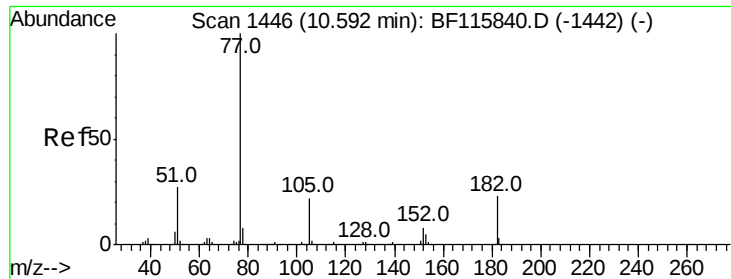
mohammad
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#62
4-Nitroaniline
Concen: 30.412 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	157027		
92	50.8	29.0	69.0	
108	75.2	54.7	94.7	





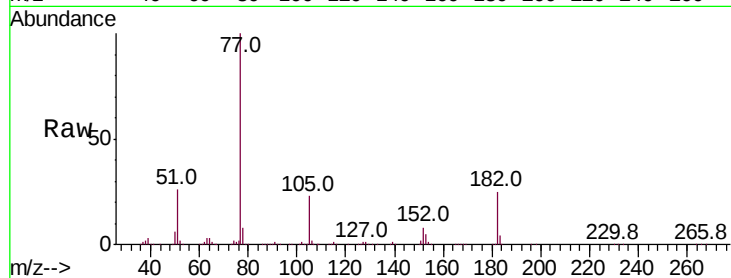
#63
Azobenzene
Concen: 40.969 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleId :
PB122249BS

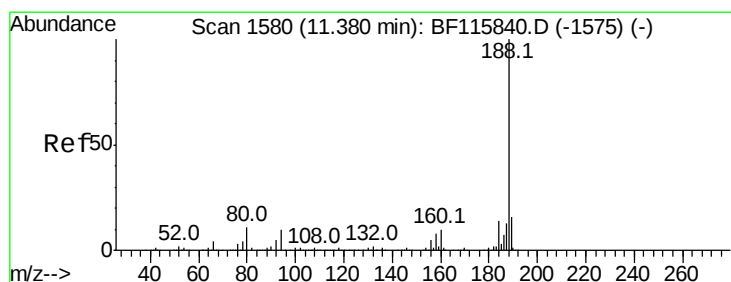
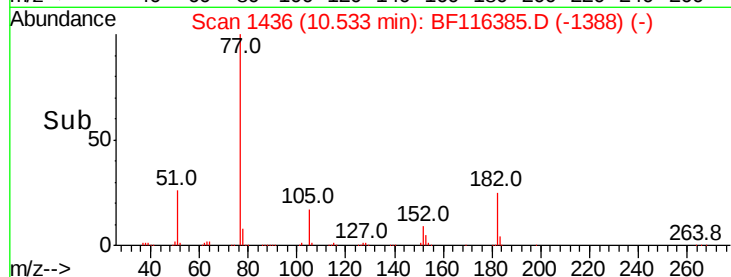
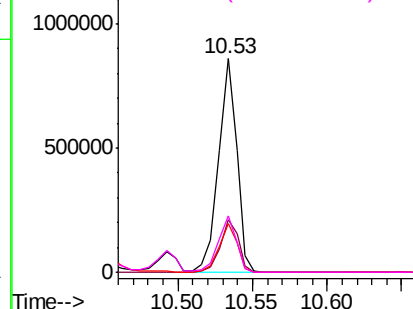
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.0	44.0
105	22.5	2.0	42.0
51	26.3	7.5	47.5

Manual Integrations
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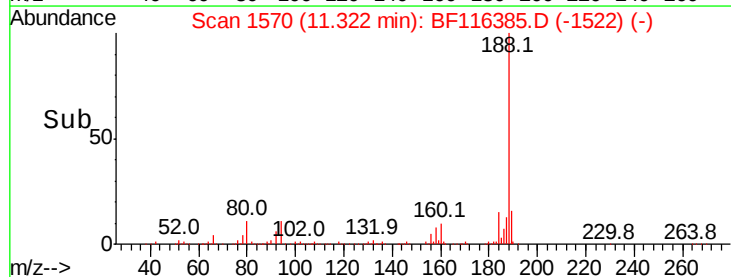
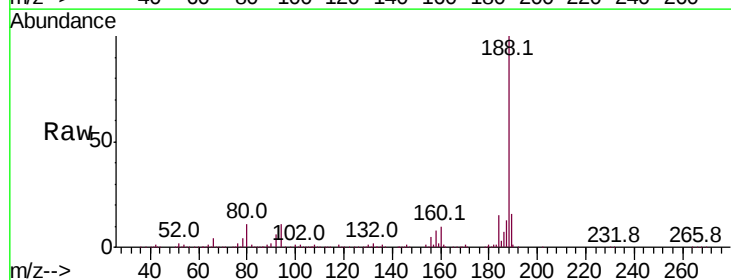
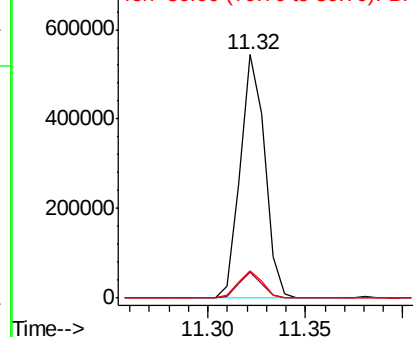
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

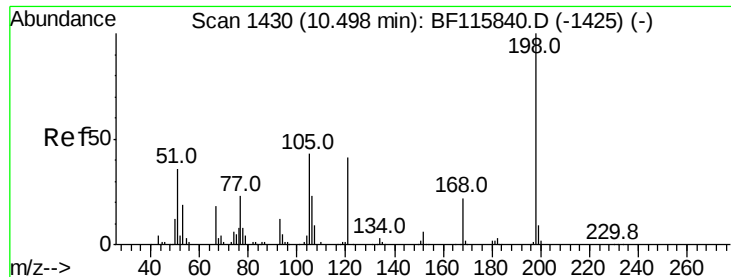


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	11.3	8.7	13.1

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.081 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Instrument :

BNA_F

ClientSampled :

PB122249BS

Tot Ion:198 Resp: 98481

Ion Ratio Lower Upper

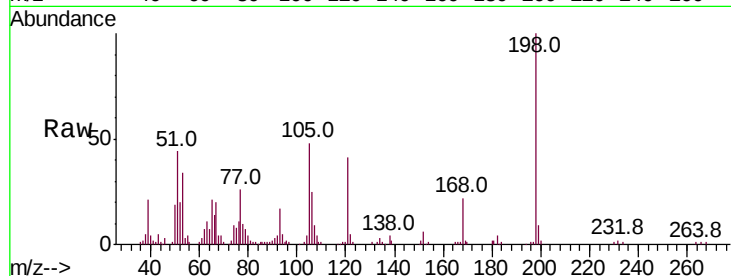
198 100

51 43.5 17.0 57.0

105 48.5 21.6 61.6

Manual Integrations
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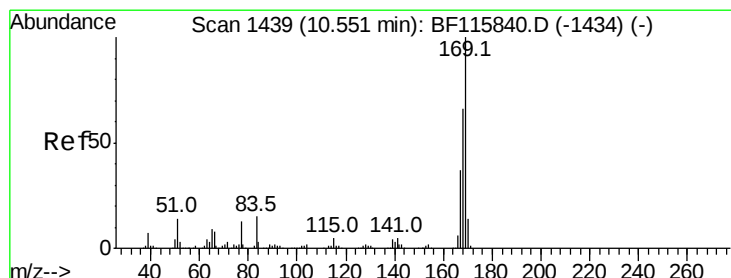
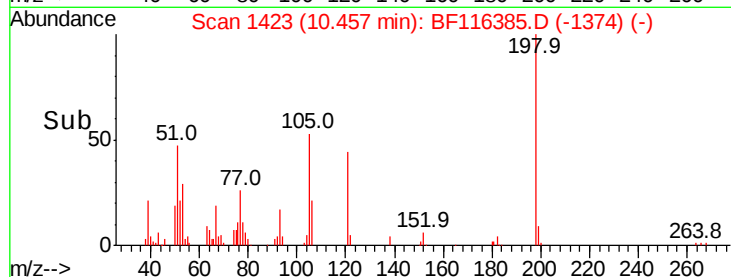
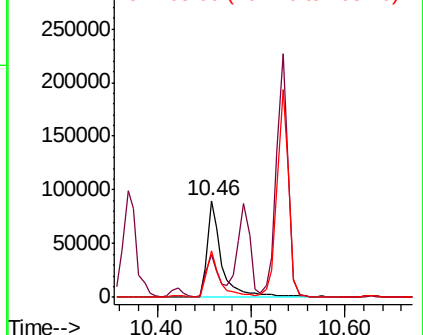
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.939 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Tgt Ion:169 Resp: 600260

Ion Ratio Lower Upper

169 100

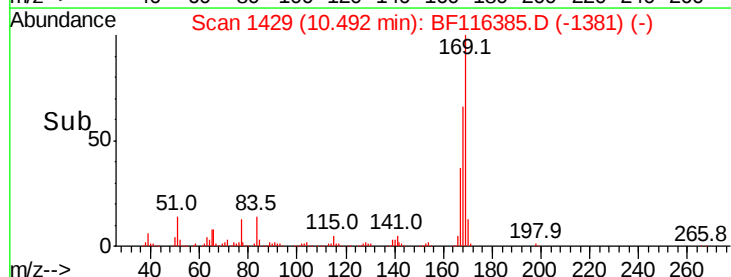
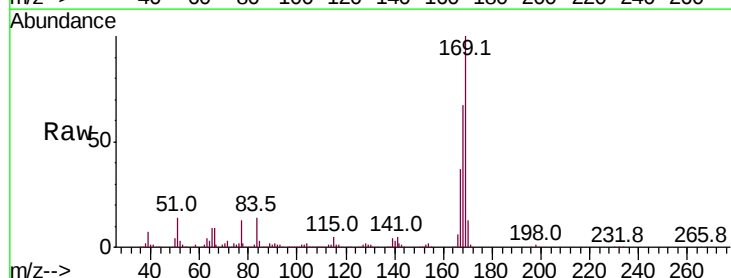
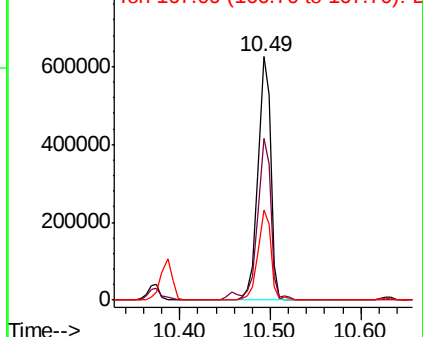
168 66.5 53.8 80.6

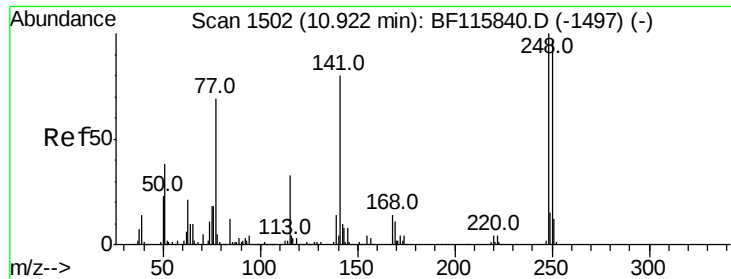
167 37.1 29.6 44.4

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





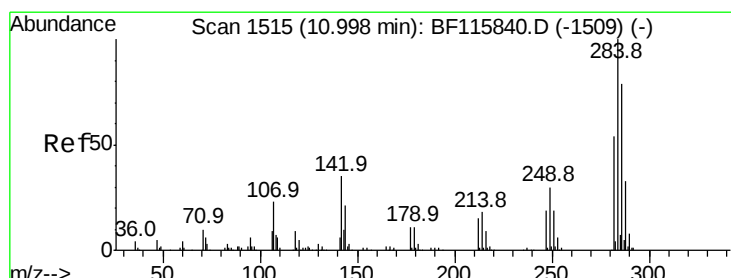
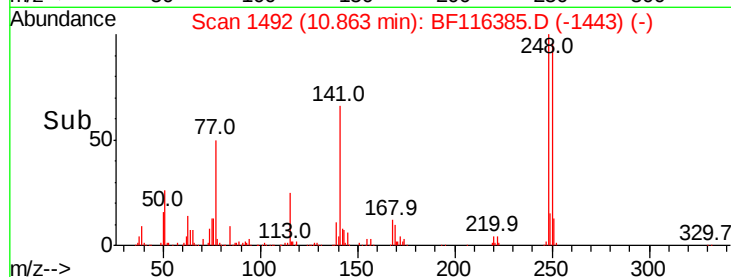
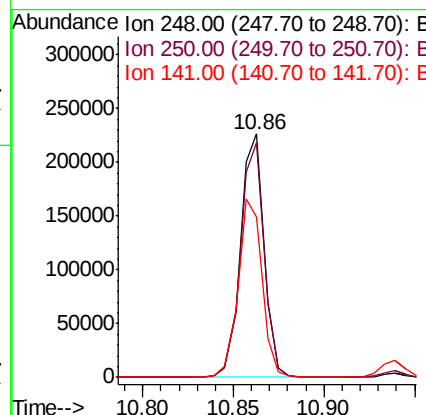
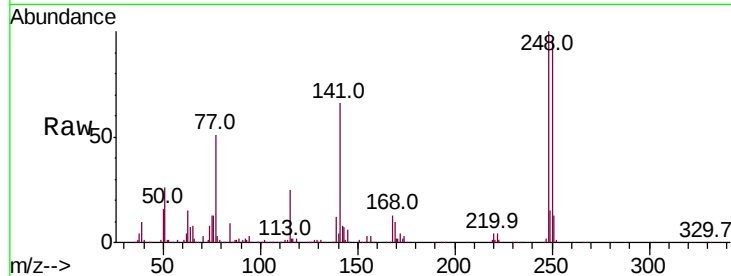
#67
4-Bromophenyl-phenylether
Concen: 40.242 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.4	116.2
141	66.1	56.8	85.2

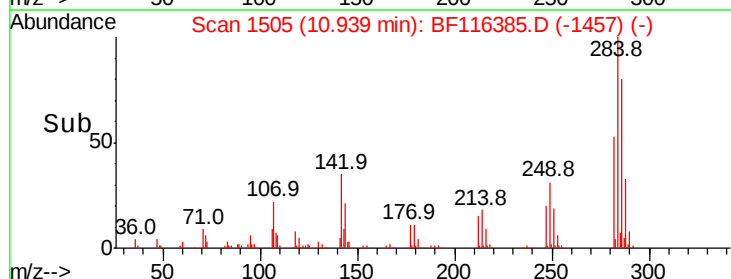
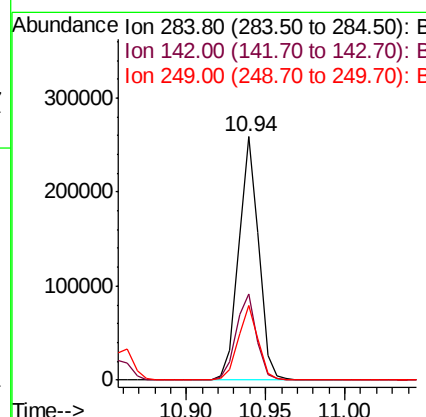
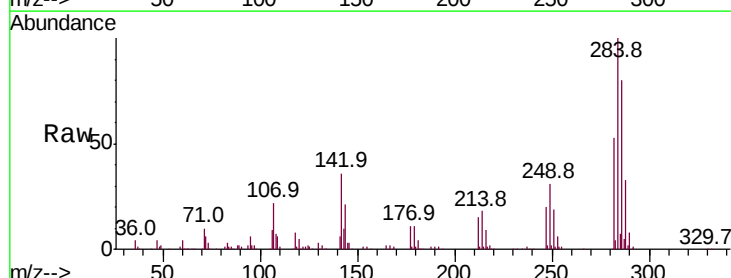
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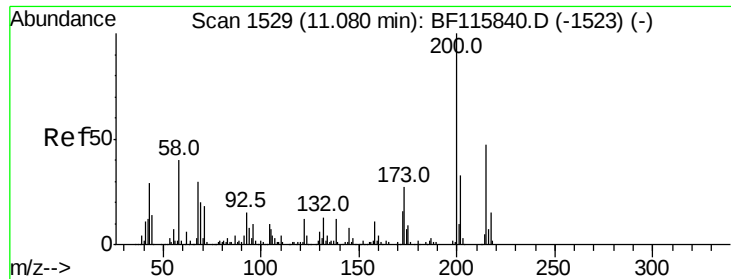
mohammad
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#68
Hexachlorobenzene
Concen: 38.535 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	28.4	42.6
249	30.6	24.5	36.7





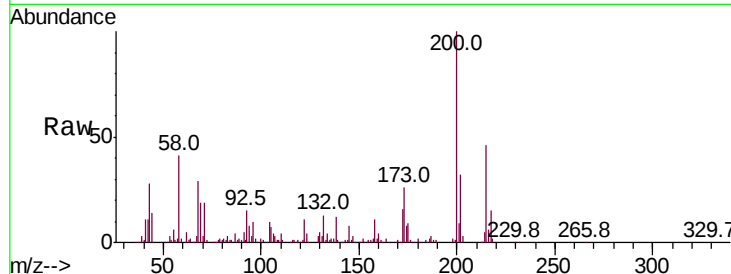
#69
Atrazine
Concen: 37.731 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	177661		
173	25.8	6.8	46.8	
215	45.6	27.5	67.5	

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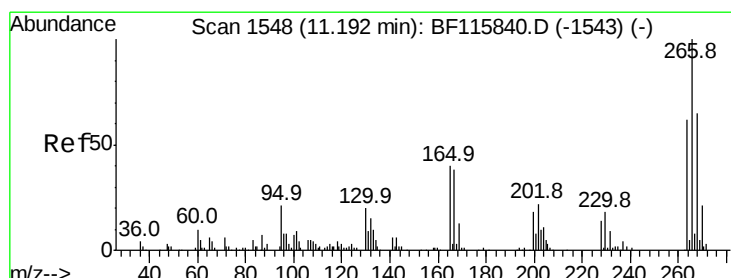
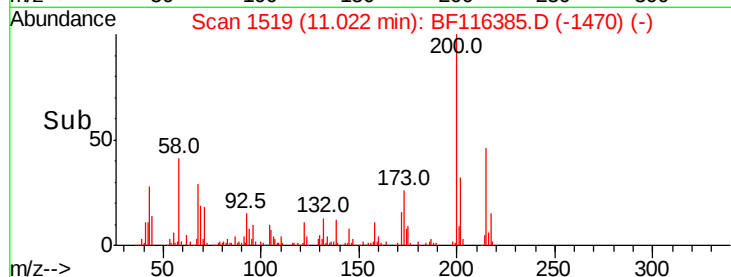
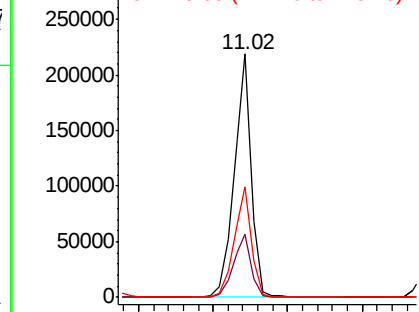


Abundance

Ion 200.00 (199.70 to 200.70): E

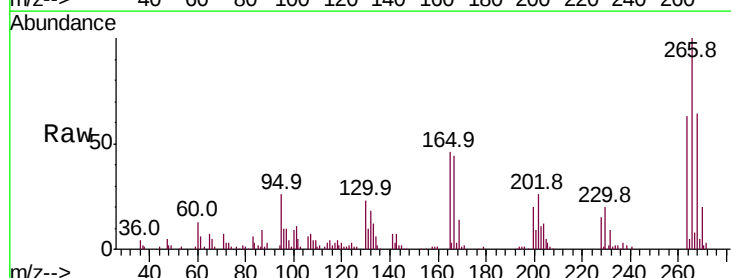
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 50.187 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.02 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	143421		
268	63.6	48.8	73.2	
264	63.5	50.6	76.0	

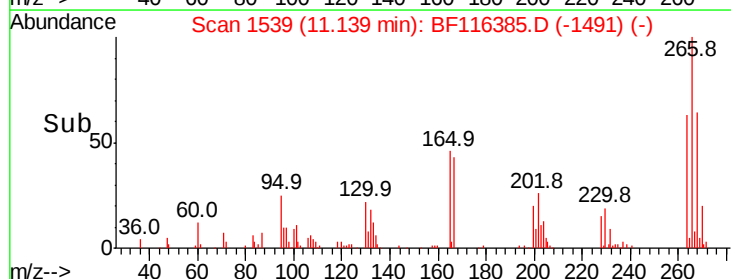
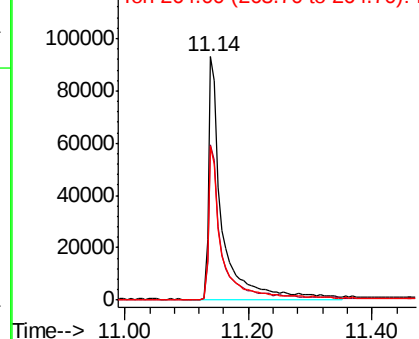


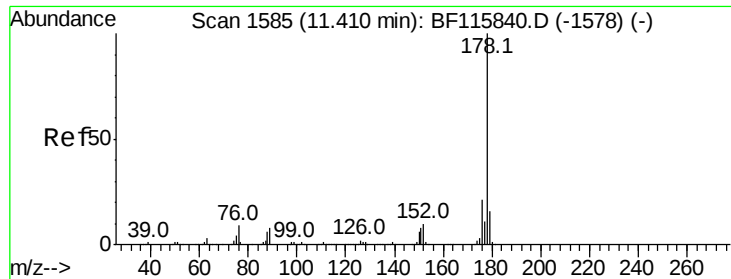
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





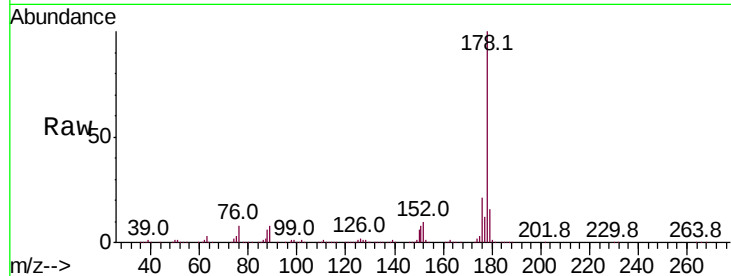
#71
Phenanthrene
Concen: 40.664 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.6	24.8
179	15.7	12.5	18.7

Manual Integrations
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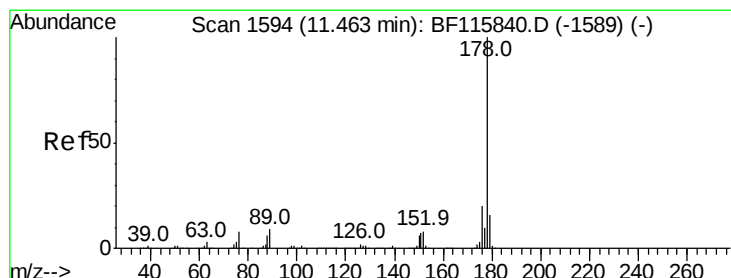
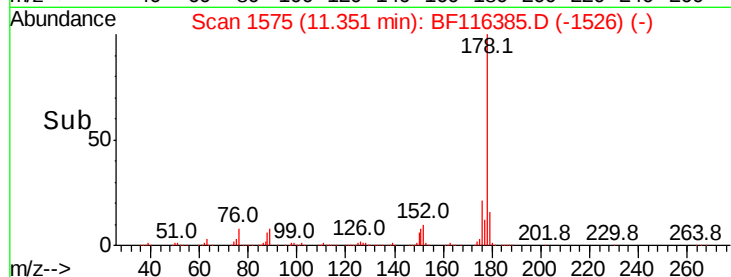
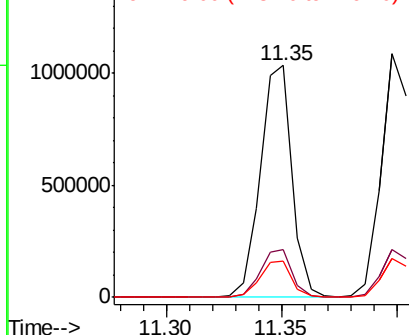


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 41.253 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

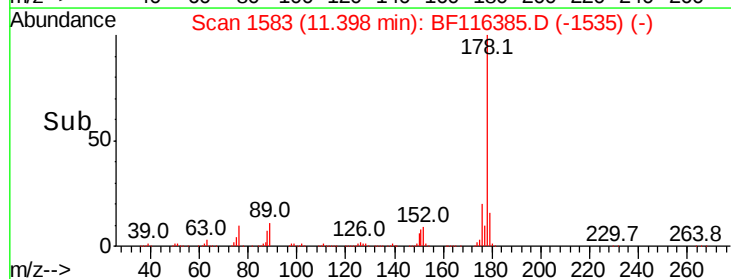
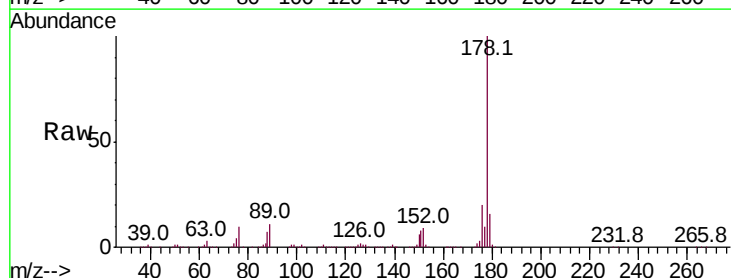
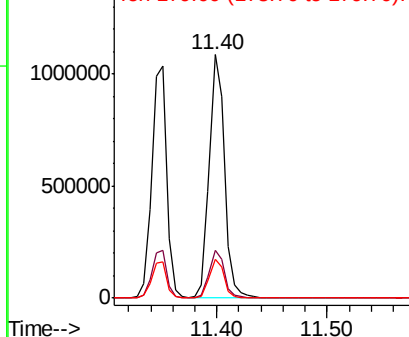
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	16.1	13.0	19.6

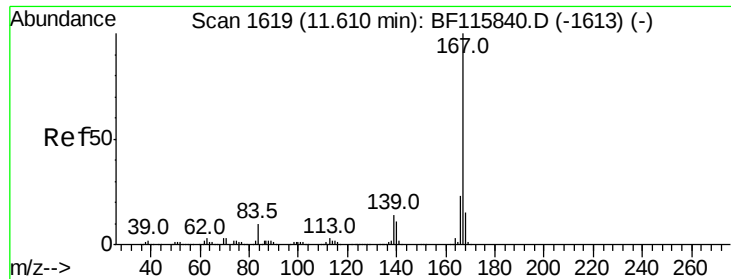
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.179 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Instrument :

BNA_F

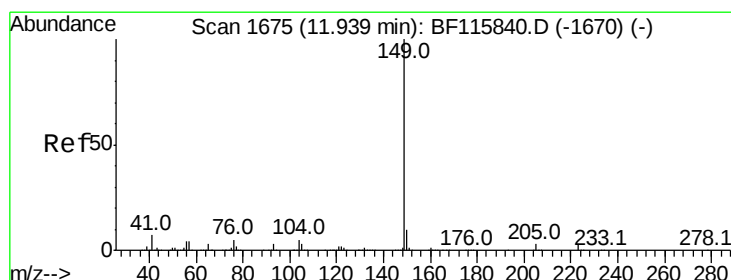
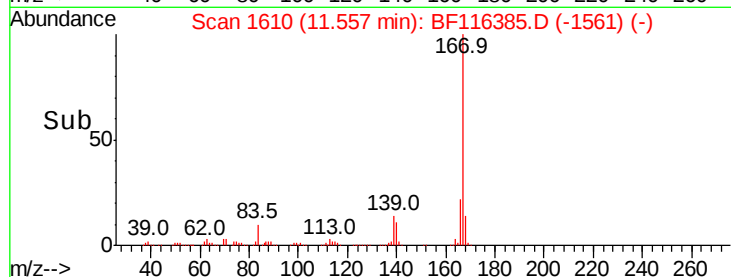
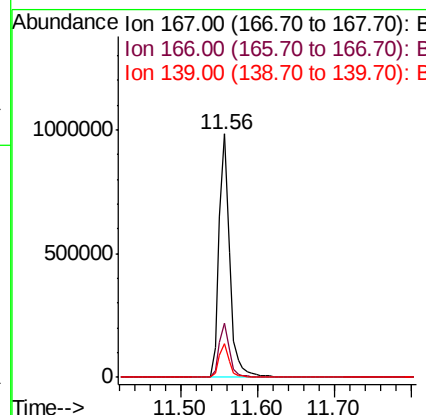
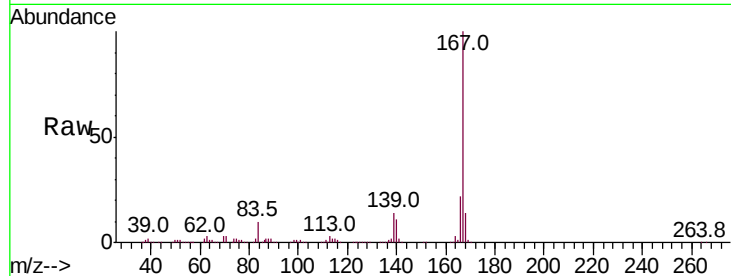
ClientSampleId :

PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	919135		
166	22.3	17.8	26.6	
139	13.8	11.4	17.0	

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#74

Di-n-butylphthalate

Concen: 43.138 ng

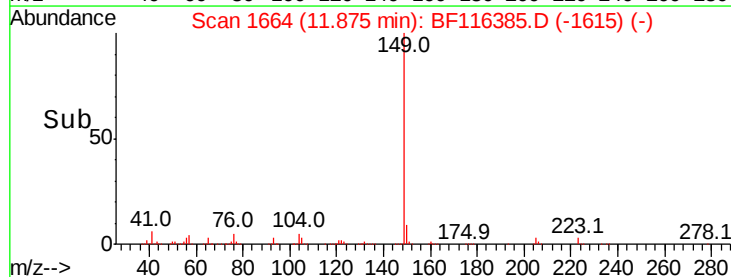
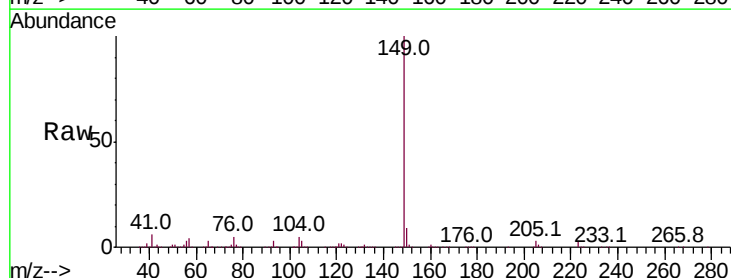
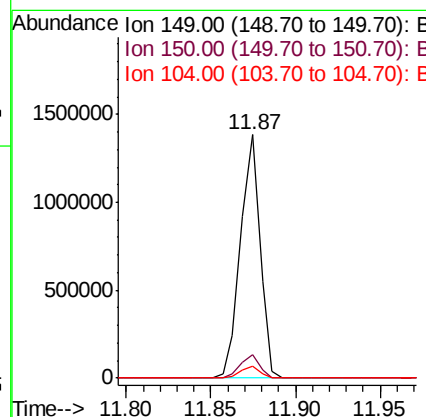
RT: 11.87 min Scan# 1664

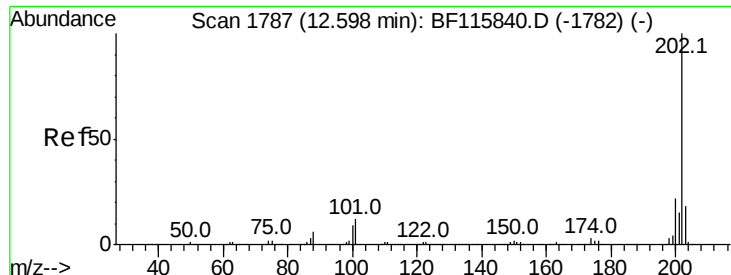
Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1123226		
150	9.5	8.0	12.0	
104	5.1	4.5	6.7	





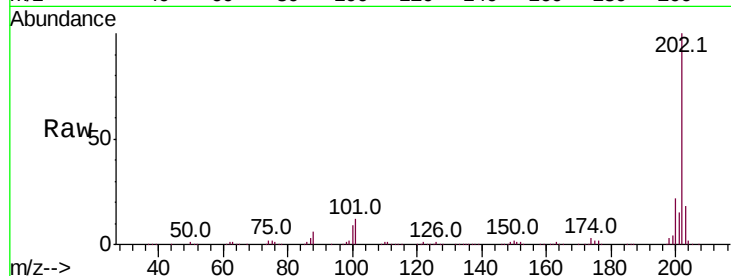
#75
Fluoranthene
 Concen: 41.372 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1052907		
101	12.0		0.0	31.2
203	18.2		0.0	37.8

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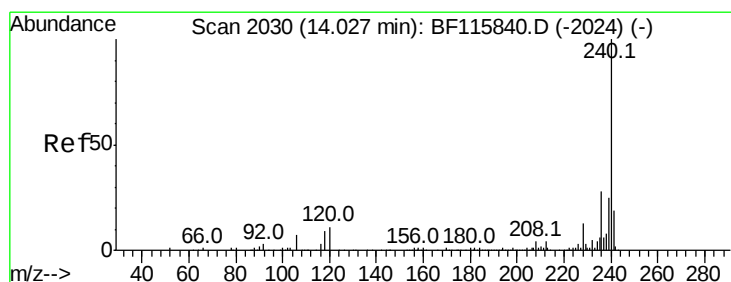
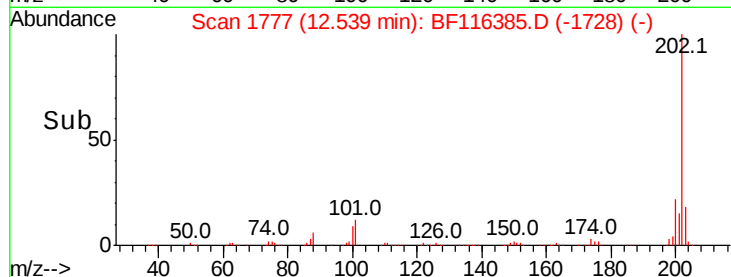
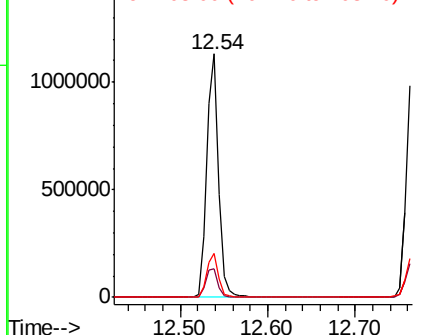


Abundance

Ion 202.00 (201.70 to 202.70): E

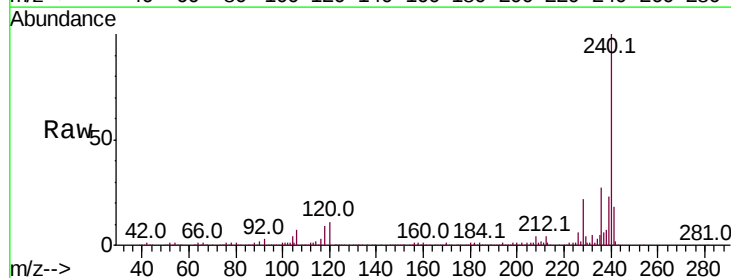
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	355137		
120	11.1		10.7	16.1
236	27.1		22.2	33.2

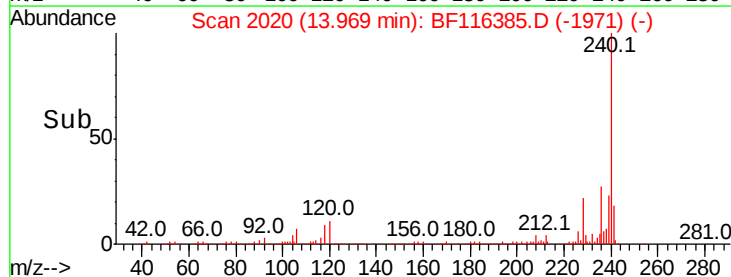
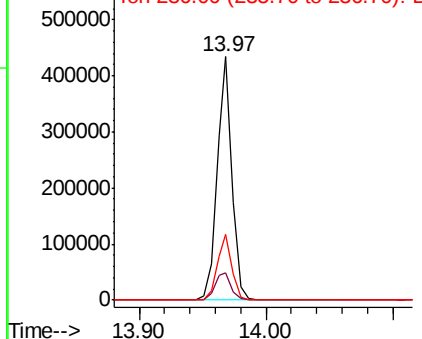


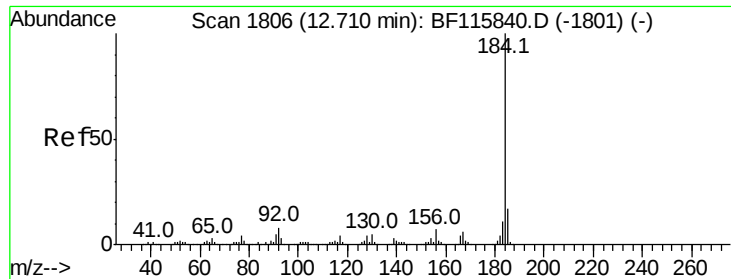
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.530 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Instrument :

BNA_F

ClientSampleId :

PB122249BS

Tot Ion:184 Resp: 234319

Ion Ratio Lower Upper

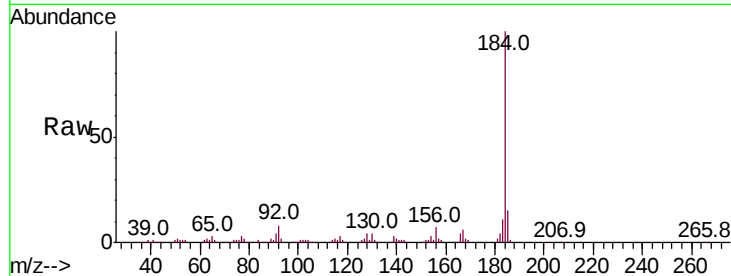
184 100

185 14.5 12.8 19.2

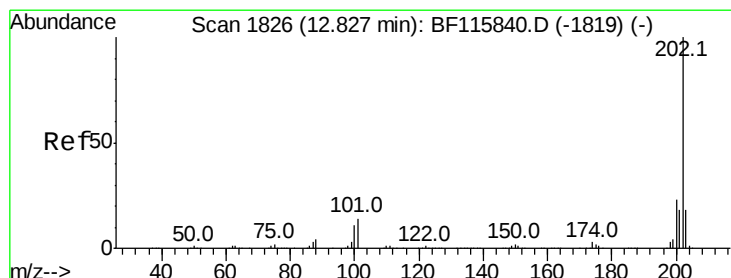
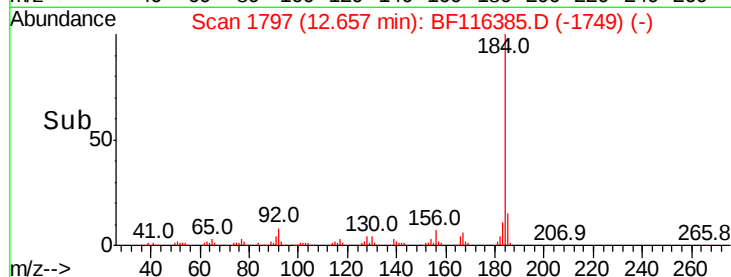
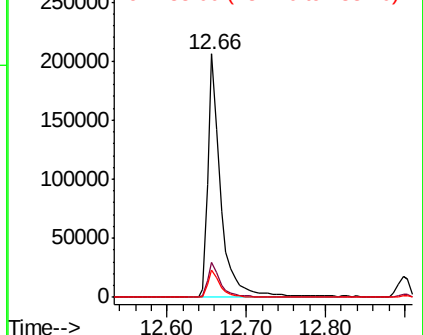
183 11.2 9.4 14.0

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.921 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

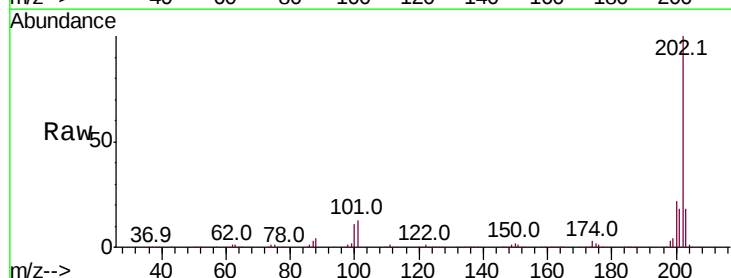
Tgt Ion:202 Resp: 1068703

Ion Ratio Lower Upper

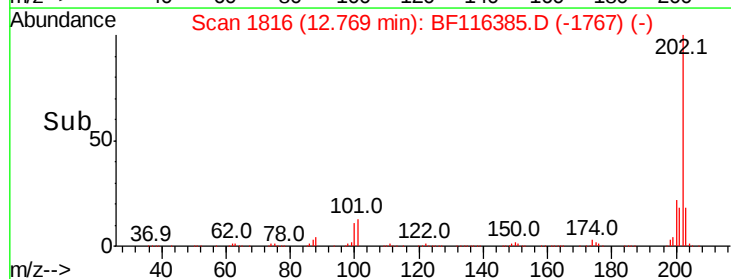
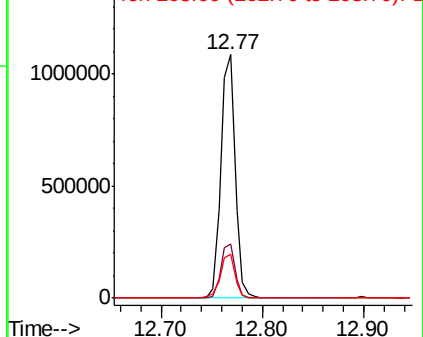
202 100

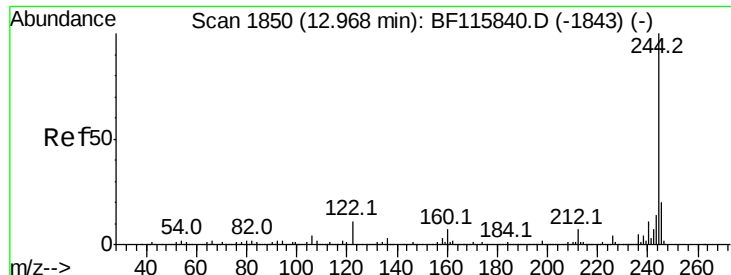
200 22.5 18.0 27.0

203 17.8 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.403 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Instrument :

BNA_F

ClientSampleId :

PB122249BS

Tot Ion:244 Resp: 1287673

Ion Ratio Lower Upper

244 100

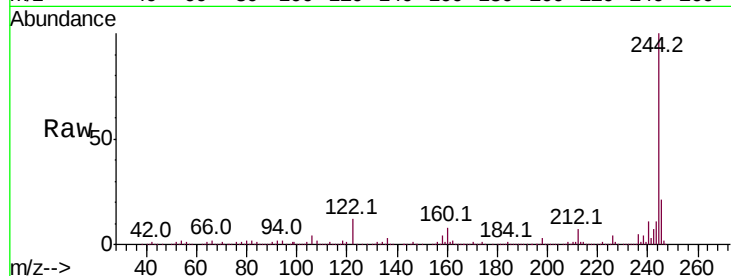
212 7.1 5.8 8.8

122 12.5 9.0 13.4

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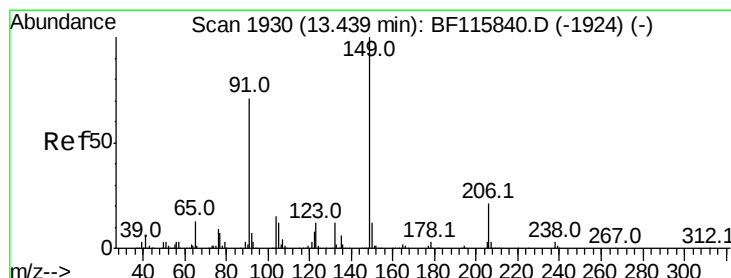
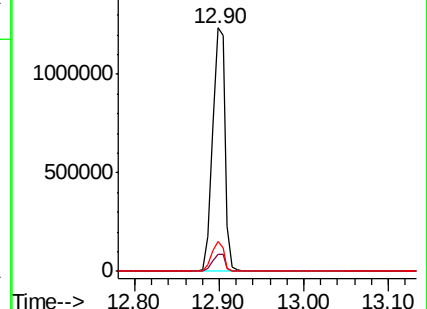
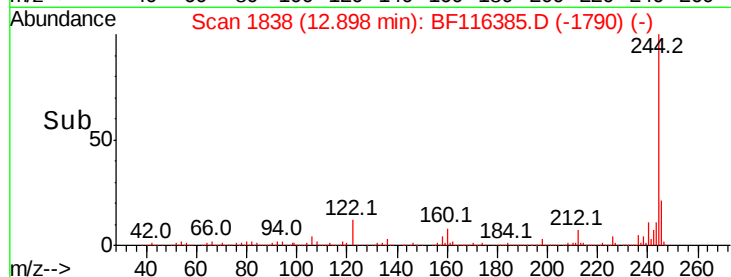
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.601 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

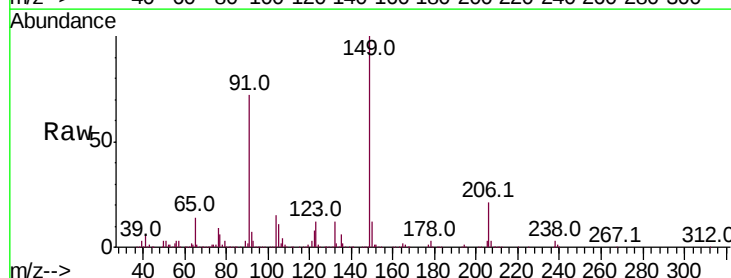
Tgt Ion:149 Resp: 482424

Ion Ratio Lower Upper

149 100

91 72.4 56.3 84.5

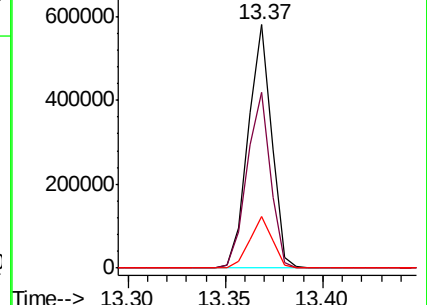
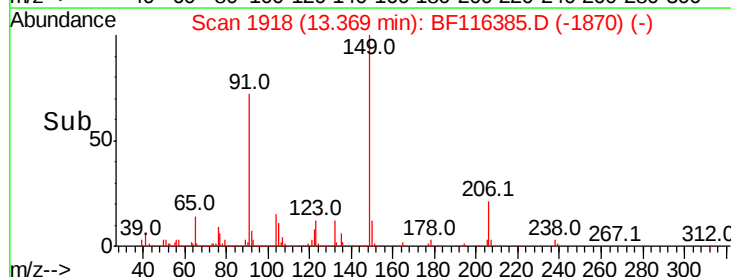
206 21.2 18.0 27.0

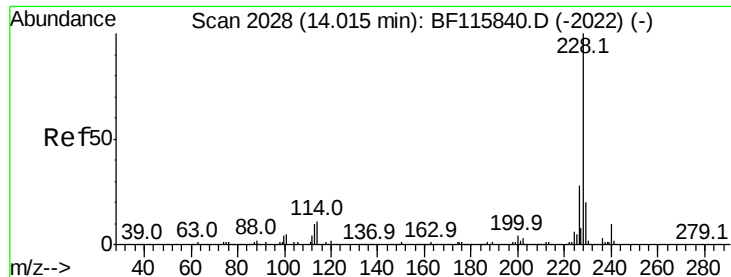


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





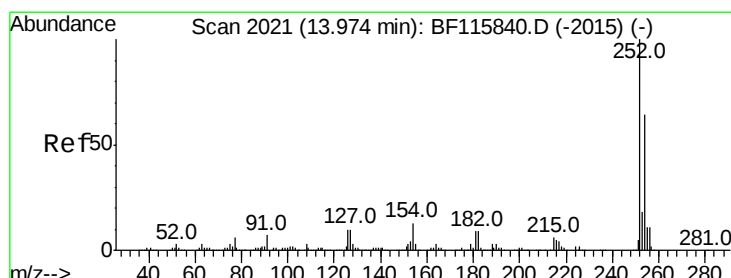
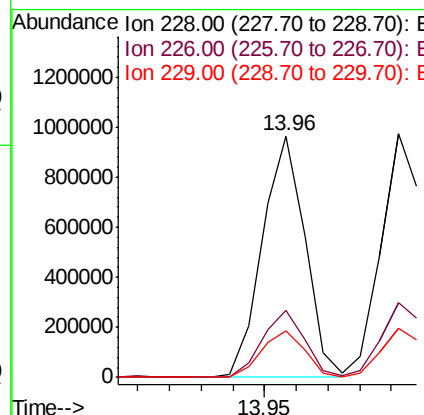
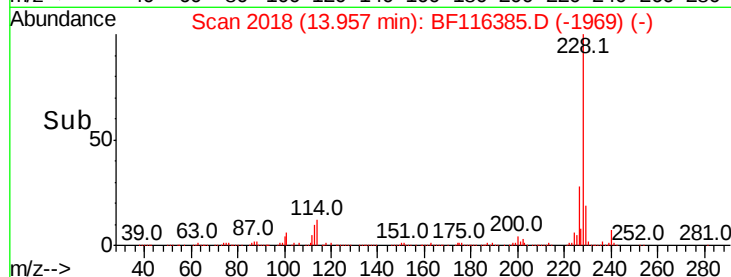
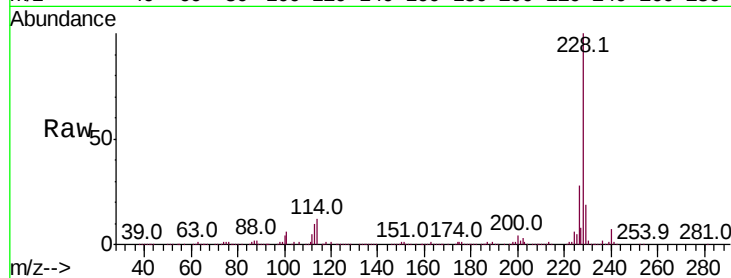
#81
Benzo(a)anthracene
Concen: 39.567 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	898129		
226	27.7		22.7	34.1
229	19.5		16.2	24.4

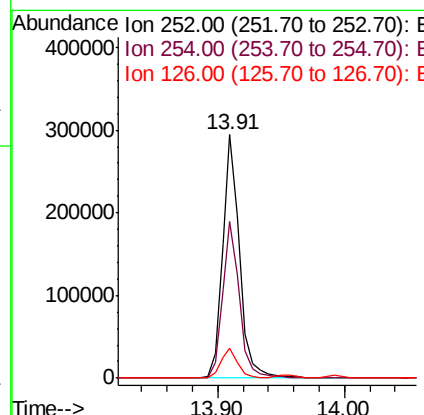
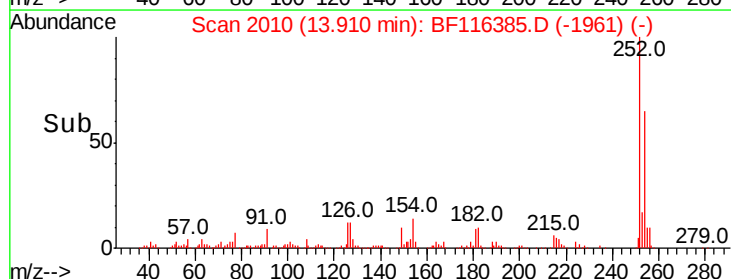
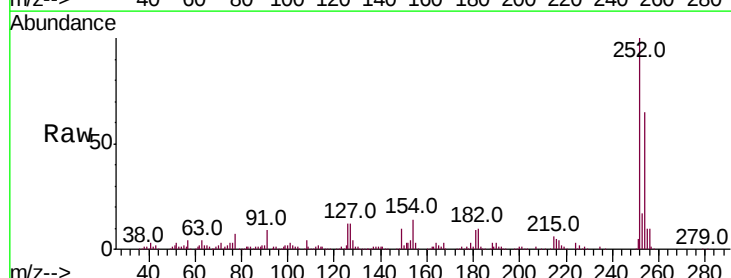
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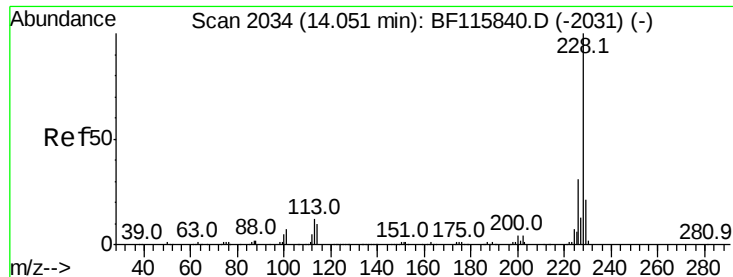
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 35.142 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	277136		
254	64.5		50.9	76.3
126	12.1		9.8	14.8





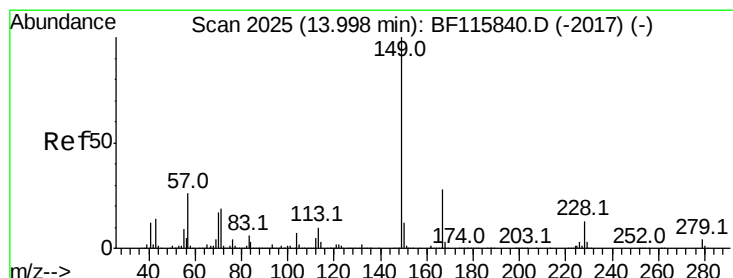
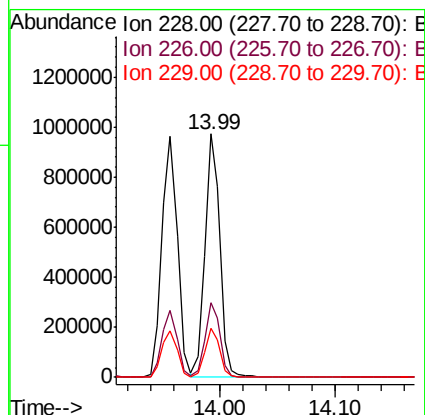
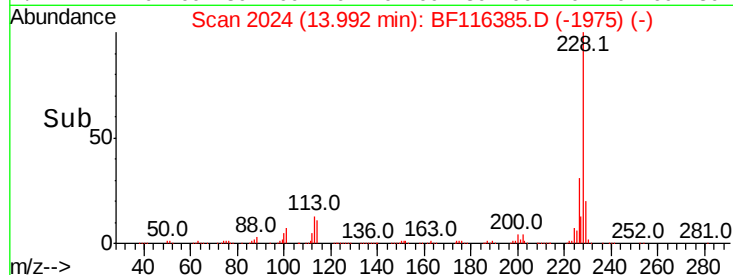
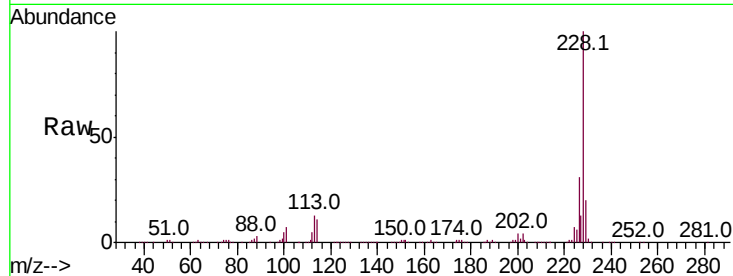
#83
 Chrvsene
 Concen: 40.164 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Tot Ion:	228	Resp:	885108
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.5	38.3
229	20.1	16.6	24.8

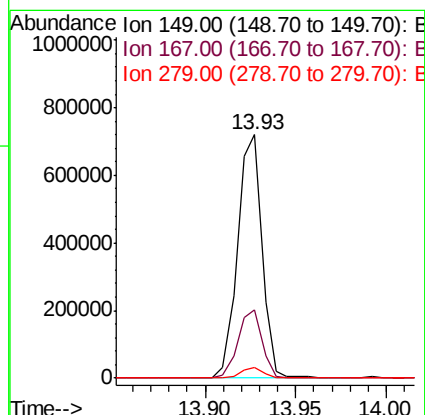
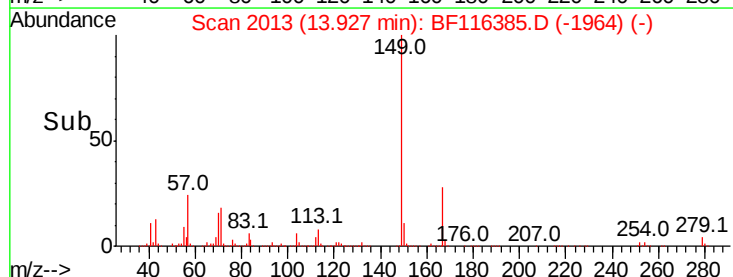
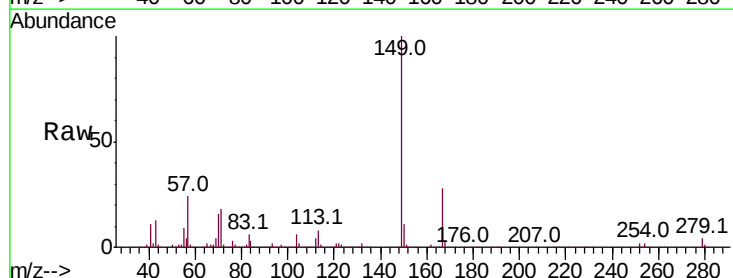
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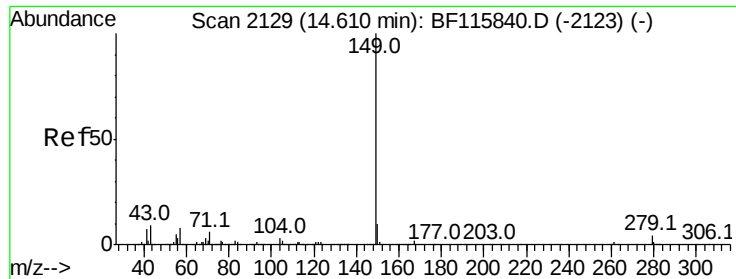
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.846 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF116385.D
 Acq: 19 Aug 2019 13:07

Tgt Ion:	149	Resp:	674651
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.6	32.4
279	4.5	3.0	4.4#





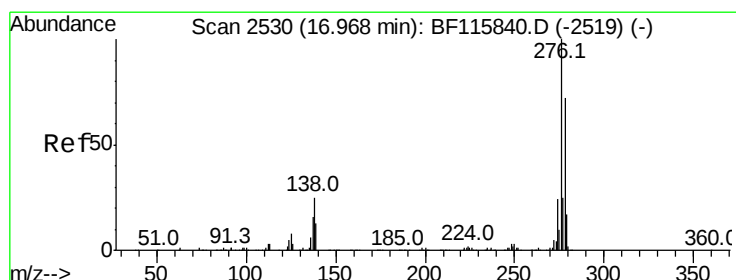
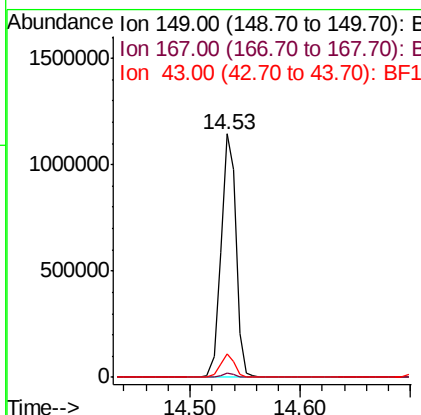
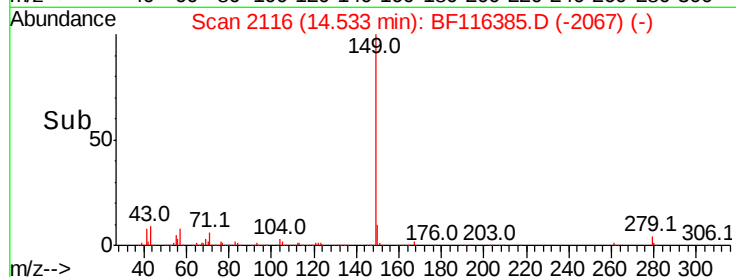
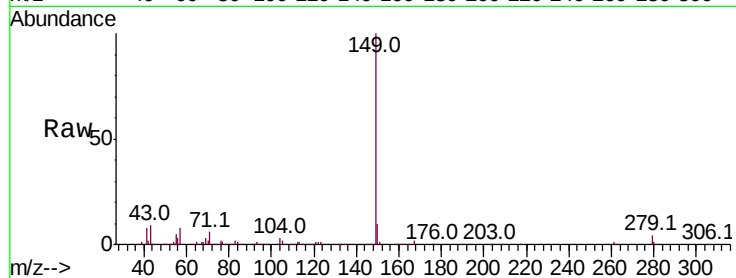
#85
Di-n-octyl phthalate
Concen: 46.318 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.9	7.5	11.3

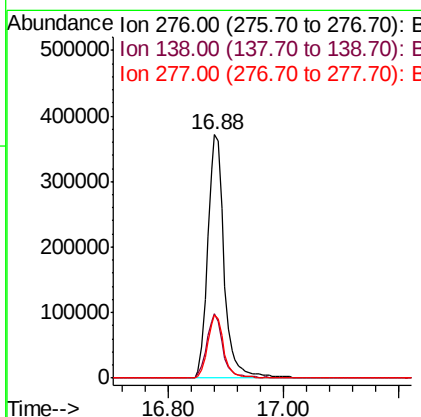
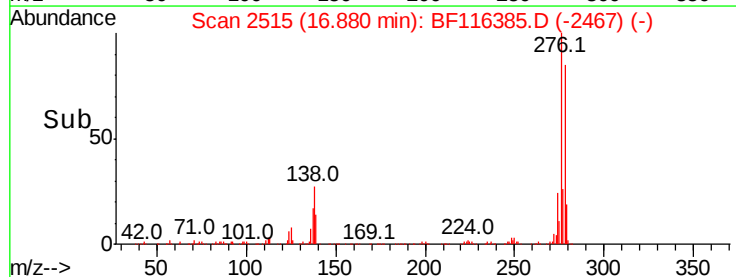
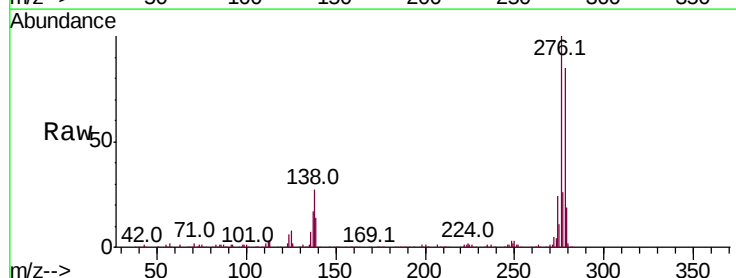
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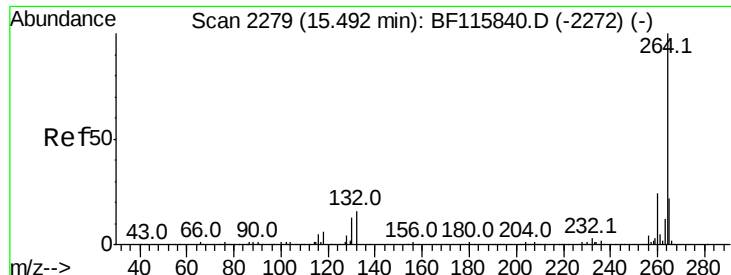
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.986 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.4	30.6
277	25.5	20.0	30.0





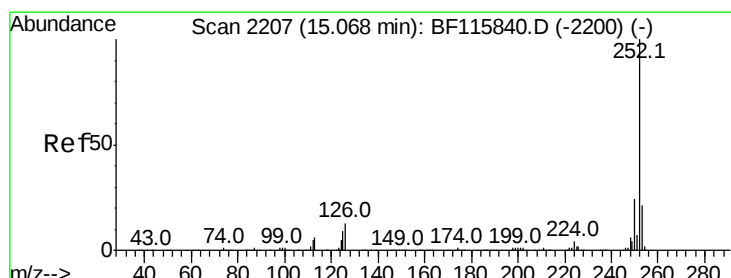
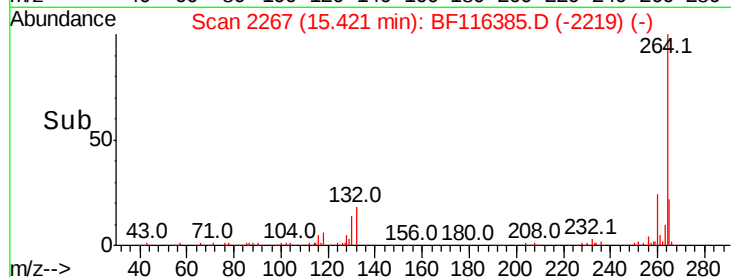
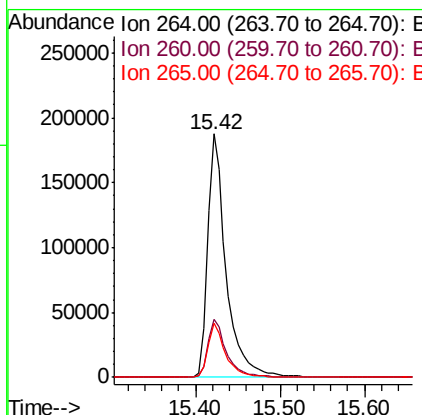
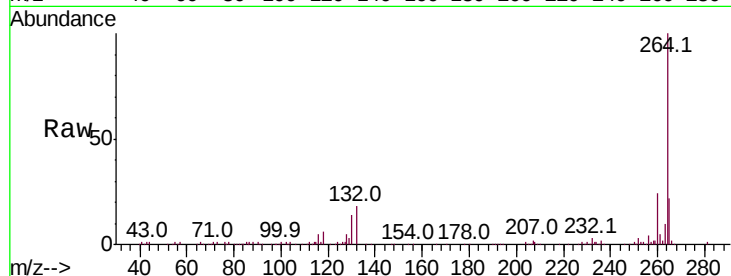
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleID :
PB122249BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	22.0	17.4	26.0

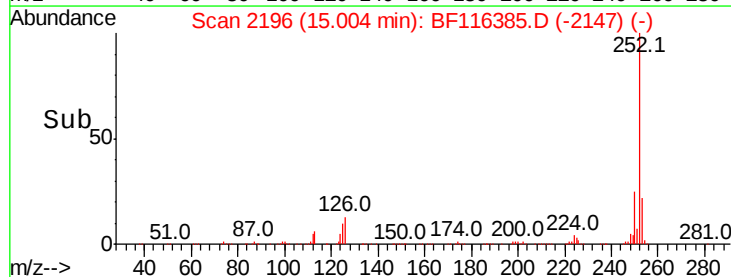
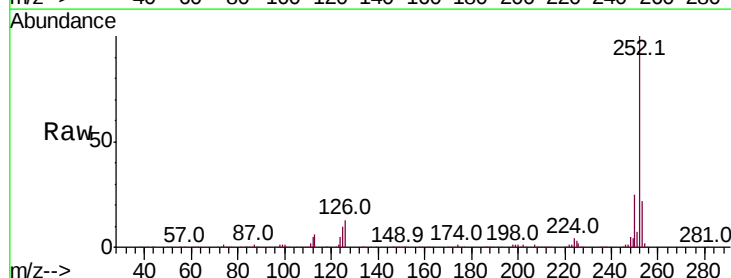
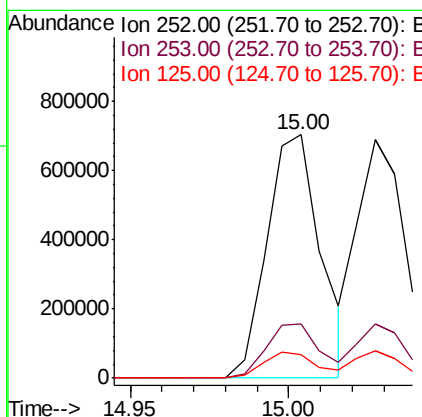
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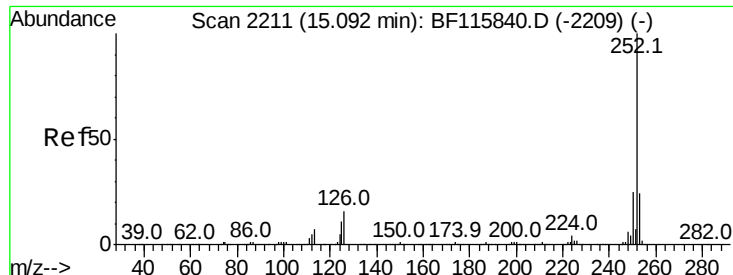
mohammad
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#88
Benzo(b)fluoranthene
Concen: 49.944 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.7	8.4	12.6





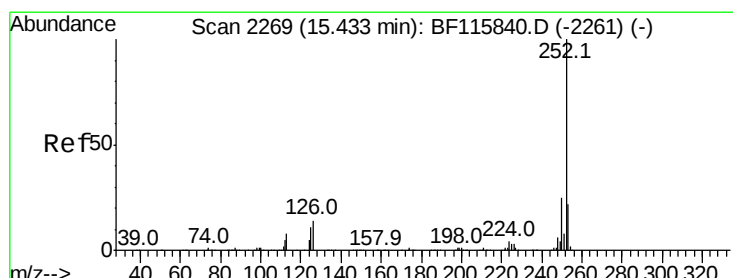
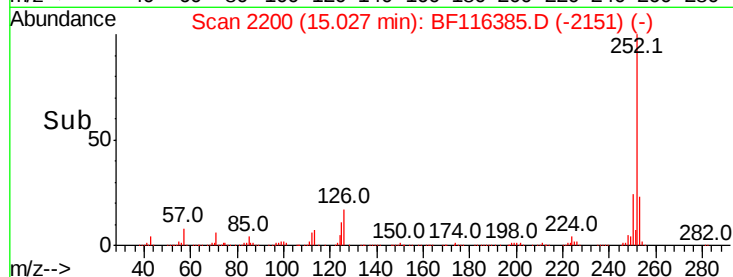
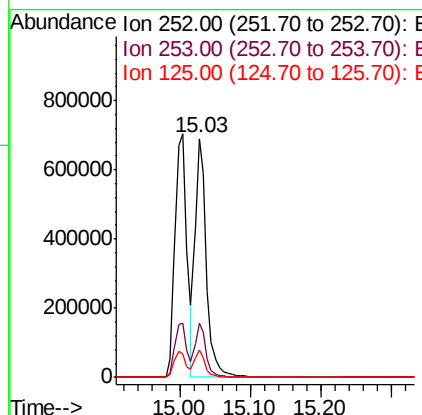
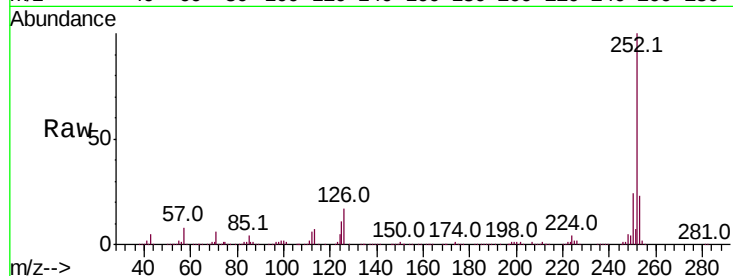
#89
Benzo(k)fluoranthene
Concen: 48.411 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.2	7.7	11.5

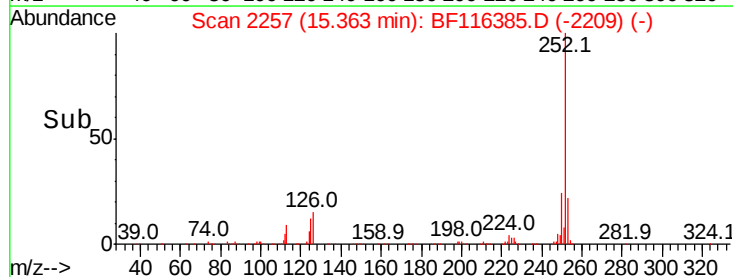
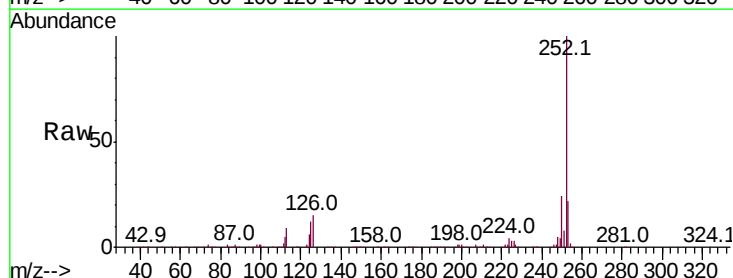
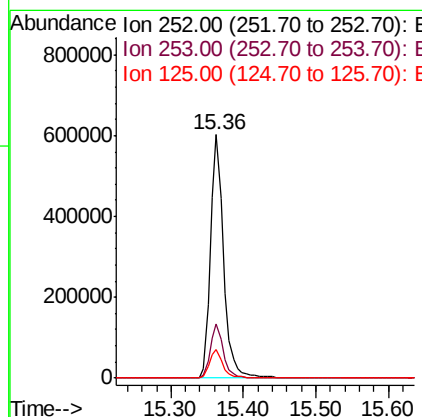
Manual Integrations
APPROVED

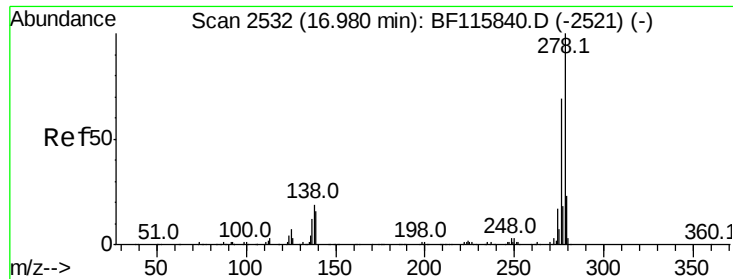
mohammad
8/22/2019 12:45:05 PM



#90
Benzo(a)pyrene
Concen: 51.027 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116385.D
Acq: 19 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.6	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 49.821 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.02 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Instrument :

BNA_F

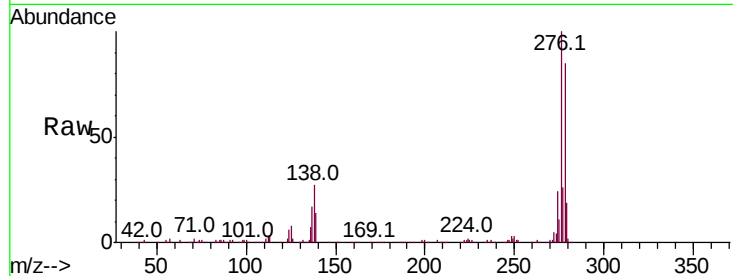
ClientSampleId :

PB122249BS

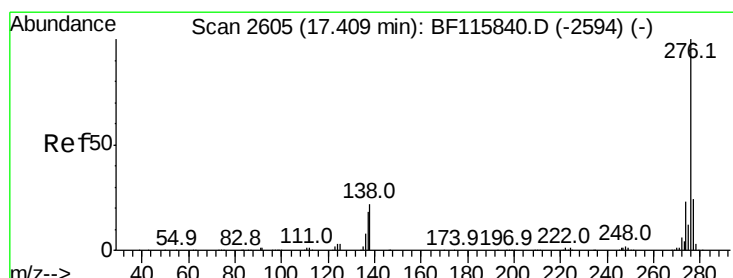
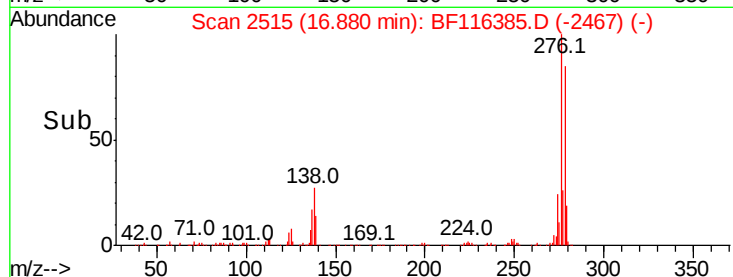
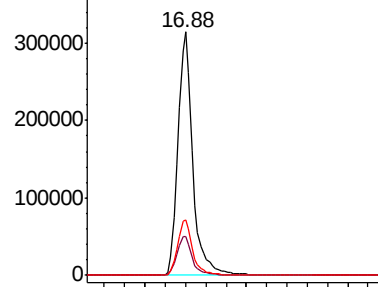
Tot Ion:278	Resp: 638508
Ion Ratio	Lower Upper
278 100	
139 16.2	12.8 19.2
279 22.9	18.8 28.2

Manual Integrations
APPROVED

mohammad
8/22/2019 12:45:05 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.398 ng

RT: 17.32 min Scan# 2589

Delta R.T. -0.02 min

Lab File: BF116385.D

Acq: 19 Aug 2019 13:07

Tgt Ion:276	Resp: 621760
Ion Ratio	Lower Upper
276 100	
277 22.7	18.4 27.6
138 22.2	17.0 25.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

