

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116581.D
 Acq On : 27 Aug 2019 13:24
 Operator : HP/JU
 Sample : PB122453BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122453BS

Manual Integrations
 APPROVED

mohammad
 8/29/2019 7:54:45 AM

Quant Time: Aug 27 17:57:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	62913	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	266243	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	143201	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	250335	20.00	ng	0.00
76) Chrysene-d12	14.03	240	174110	20.00	ng	0.00
87) Perylene-d12	15.49	264	143063	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	437304	101.56	ng	0.00
7) Phenol-d6	6.50	99	552198	104.59	ng	0.00
23) Nitrobenzene-d5	7.43	82	328695	67.54	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	146807	119.39	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	608488	68.43	ng	-0.01
79) Terphenyl-d14	12.97	244	638315	68.48	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.75	88	73710	39.539 ng	97
3) Pyridine	3.49	79	169283	29.818 ng	96
4) n-Nitrosodimethylamine	3.43	42	85844	41.421 ng	94
6) Aniline	6.53	93	223069	31.209 ng	99
8) 2-Chlorophenol	6.66	128	188701	41.763 ng	99
9) Benzaldehyde	6.42	77	138513	39.267 ng	98
10) Phenol	6.52	94	243690	42.506 ng	95
11) bis(2-Chloroethyl)ether	6.61	93	174200	39.907 ng	97
12) 1,3-Dichlorobenzene	6.82	146	198441	40.576 ng	98
13) 1,4-Dichlorobenzene	6.89	146	205774	43.717 ng	99
14) 1,2-Dichlorobenzene	7.05	146	195119	43.942 ng	98
15) Benzyl Alcohol	7.01	79	181213	42.414 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	205593	34.064 ng	96
17) 2-Methylphenol	7.13	107	161359	43.102 ng	98
18) Hexachloroethane	7.39	117	77615	42.280 ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	139923	38.841 ng	97
20) 3+4-Methylphenols	7.27	107	206281	44.980 ng	# 88
22) Acetophenone	7.28	105	281404	42.268 ng	# 96
24) Nitrobenzene	7.45	77	215352	42.731 ng	97
25) Isophorone	7.69	82	376264	39.235 ng	99
26) 2-Nitrophenol	7.77	139	99891	54.263 ng	98
27) 2,4-Dimethylphenol	7.80	122	171437	44.633 ng	94
28) bis(2-Chloroethoxy)methane	7.90	93	224960	37.984 ng	99
29) 2,4-Dichlorophenol	8.01	162	160326	43.891 ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	175186	42.601 ng	100
31) Naphthalene	8.18	128	562644	43.685 ng	99
32) Benzoic acid	7.92	122	115083	46.867 ng	96
33) 4-Chloroaniline	8.22	127	134817	23.844 ng	99
34) Hexachlorobutadiene	8.30	225	101118	45.088 ng	100
35) Caprolactam	8.58	113	47781m	37.553 ng	
36) 4-Chloro-3-methylphenol	8.70	107	178799	43.382 ng	99
37) 2-Methylnaphthalene	8.87	142	376081	42.527 ng	97
38) 1-Methylnaphthalene	8.97	142	349944	42.362 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	161149	41.827 ng	98

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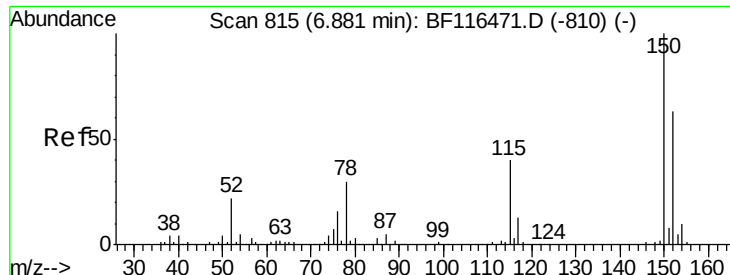
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	209400	101.019	nq	97
43) 2,4,6-Trichlorophenol	9.15	196	112230	41.622	nq	97
44) 2,4,5-Trichlorophenol	9.18	196	120181	43.804	nq	98
46) 1,1'-Biphenyl	9.33	154	466177	40.717	nq	98
47) 2-Chloronaphthalene	9.36	162	360043	40.564	nq	99
48) 2-Nitroaniline	9.45	65	115364	42.449	nq	98
49) Acenaphthylene	9.77	152	557370	42.921	nq	99
50) Dimethylphthalate	9.63	163	408215	40.857	nq	100
51) 2,6-Dinitrotoluene	9.69	165	92150	45.060	nq	100
52) Acenaphthene	9.95	154	383376	46.008	nq	100
53) 3-Nitroaniline	9.85	138	67314	27.614	nq	97
54) 2,4-Dinitrophenol	9.96	184	82274	100.353	nq	# 1
55) Dibenzofuran	10.12	168	491538	42.317	nq	97
56) 4-Nitrophenol	10.01	139	154686	81.641	nq	92
57) 2,4-Dinitrotoluene	10.09	165	122582	47.106	nq	97
58) Fluorene	10.46	166	385034	42.665	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	97728	43.381	nq	98
60) Diethylphthalate	10.33	149	408519	41.601	nq	100
61) 4-Chlorophenyl-phenylether	10.45	204	188719	42.865	nq	94
62) 4-Nitroaniline	10.47	138	100214	42.034	nq	93
63) Azobenzene	10.61	77	416430	41.243	nq	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	57439	54.796	nq	84
66) n-Nitrosodiphenylamine	10.56	169	334149	41.224	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	107196	40.845	nq	98
68) Hexachlorobenzene	11.01	284	115780	39.886	nq	98
69) Atrazine	11.09	200	98869	40.710	nq	99
70) Pentachlorophenol	11.20	266	145348	85.823	nq	99
71) Phenanthrene	11.42	178	578432	42.416	nq	99
72) Anthracene	11.47	178	588568	42.950	nq	100
73) Carbazole	11.62	167	508794	41.364	nq	99
74) Di-n-butylphthalate	11.95	149	624556	40.975	nq	100
75) Fluoranthene	12.60	202	581159	41.220	nq	99
77) Benzidine	12.72	184	268645	38.350	nq	98
78) Pyrene	12.83	202	586040	42.089	nq	100
80) Butylbenzylphthalate	13.44	149	253782	42.204	nq	93
81) Benzo(a)anthracene	14.02	228	465414	41.273	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	116781	29.061	nq	98
83) Chrysene	14.05	228	466790	40.841	nq	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	331375	41.327	nq	99
85) Di-n-octyl phthalate	14.62	149	520456	38.233	nq	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	326480	33.346	nq	96
88) Benzo(b)fluoranthene	15.07	252	392511	44.413	nq	97
89) Benzo(k)fluoranthene	15.10	252	380783	47.559	nq	98
90) Benzo(a)pyrene	15.43	252	351620	45.017	nq	97
91) Dibenzo(a,h)anthracene	16.97	278	277384	43.218	nq	97
92) Benzo(g,h,i)perylene	17.40	276	267882	43.780	nq	# 93

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



#1

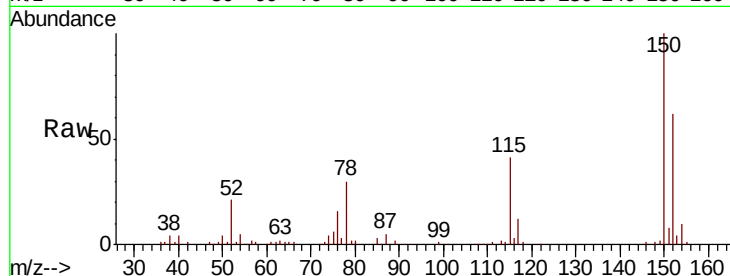
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	126.7	190.1
115	66.3	50.9	76.3

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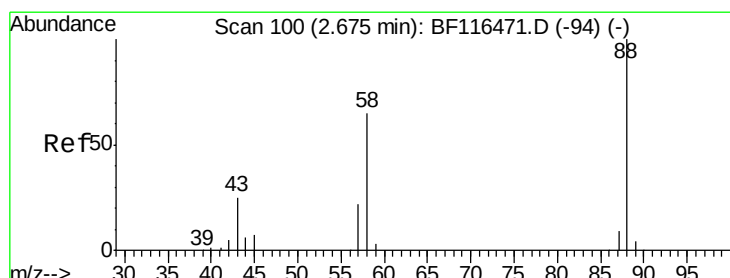
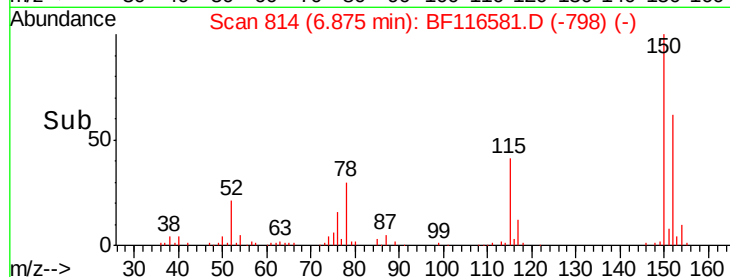
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

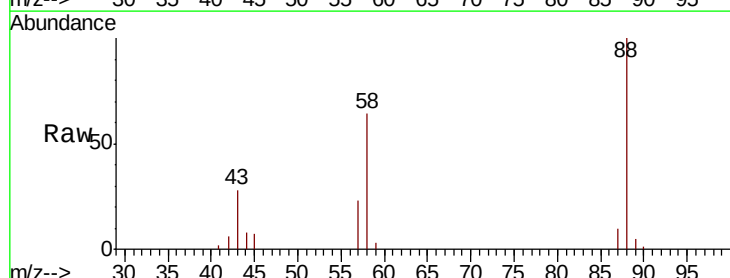
Time-->



#2

1,4-Dioxane
Concen: 39.539 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.07 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.4	53.4	80.0
43	30.6	21.2	31.8



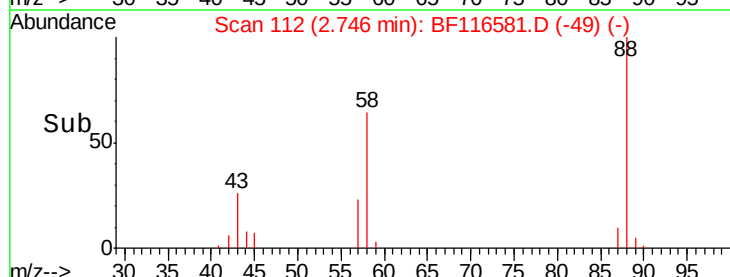
Abundance

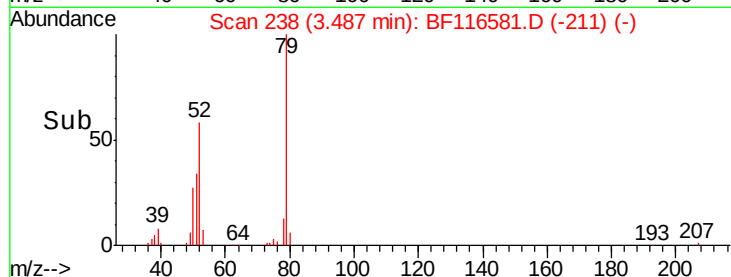
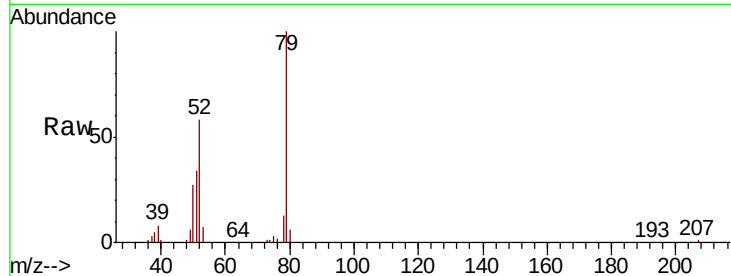
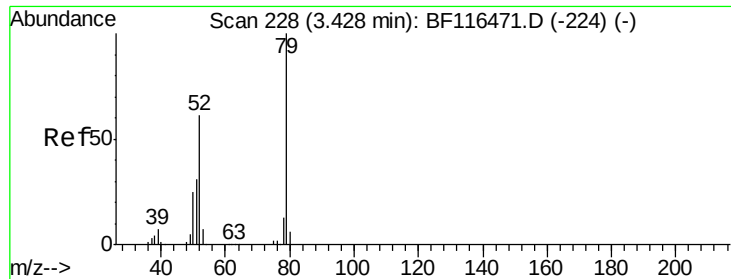
Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

Time-->





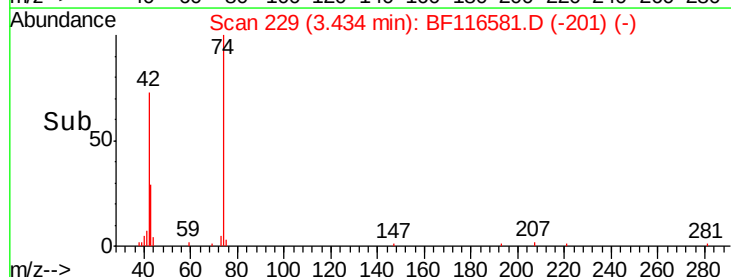
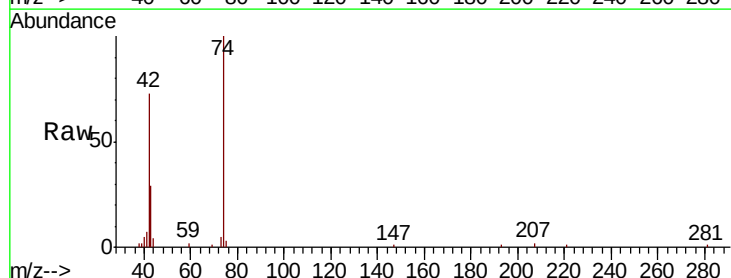
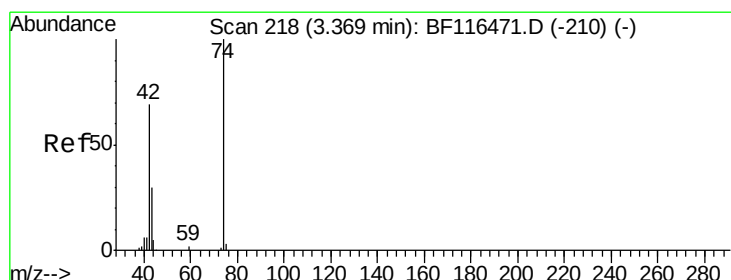
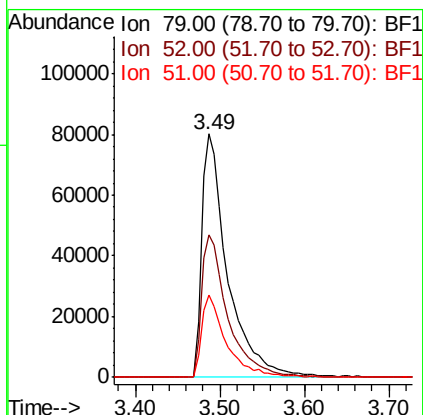
#3
 Pvridine
 Concen: 29.818 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.06 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tot Ion	Ratio	Lower	Upper
79	100		
52	58.4	48.8	73.2
51	33.7	25.2	37.8

Instrument :
 BNA_F
 ClientSampled :
 PB122453BS

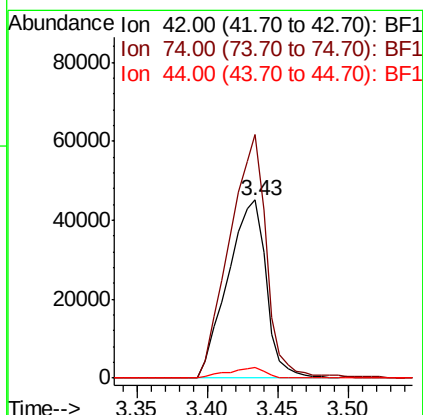
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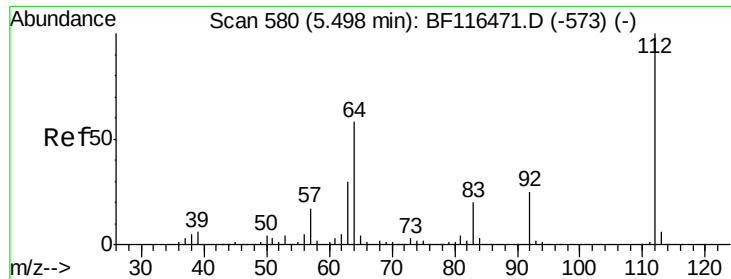
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#4
 n-Nitrosodimethylamine
 Concen: 41.421 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.06 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.6	115.3	172.9
44	5.9	5.8	8.8





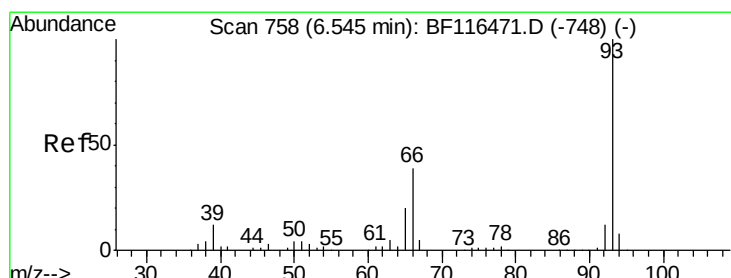
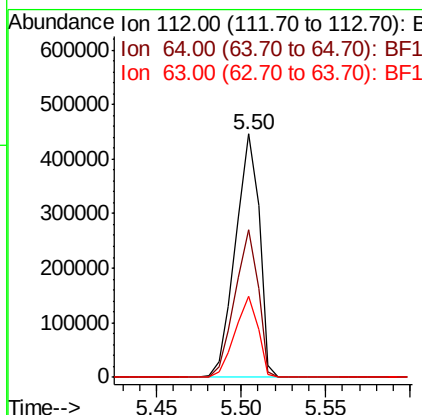
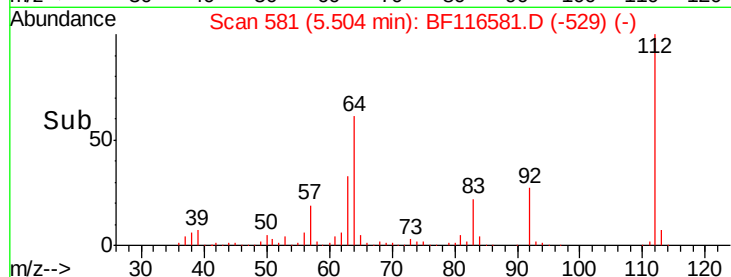
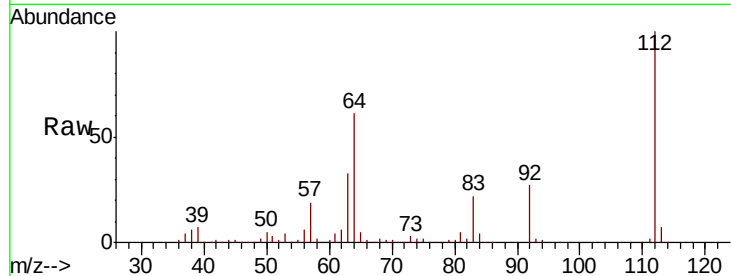
#5
2-Fluorophenol
Concen: 101.563 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	437304		
64	60.7	46.3	69.5	
63	33.4	24.2	36.4	

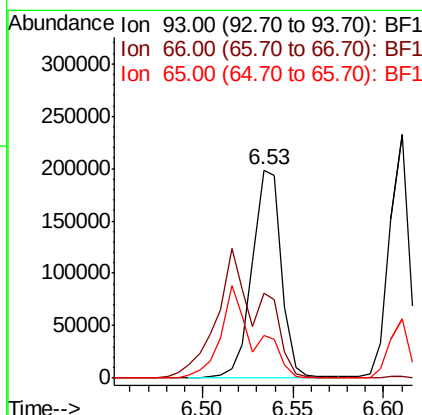
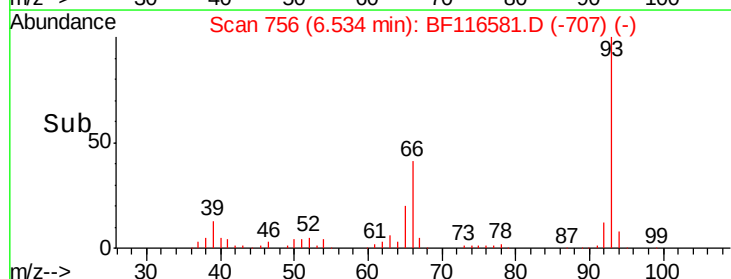
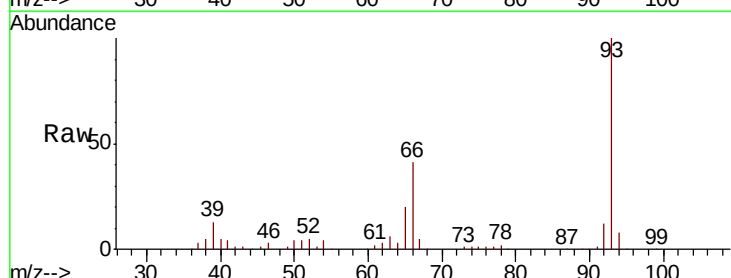
Manual Integrations
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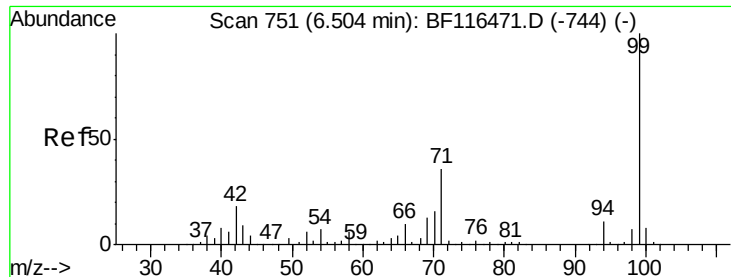
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#6
Aniline
Concen: 31.209 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	223069		
66	41.0	32.2	48.2	
65	20.3	16.3	24.5	





#7

Phenol-d6

Concen: 104.594 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

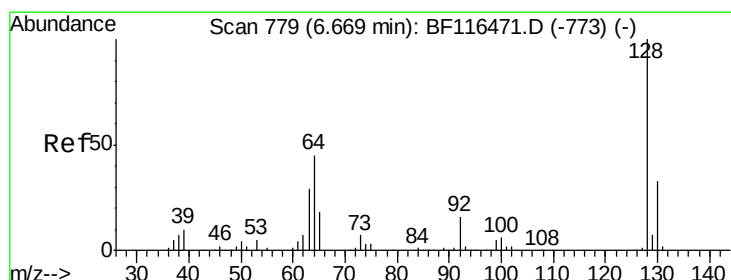
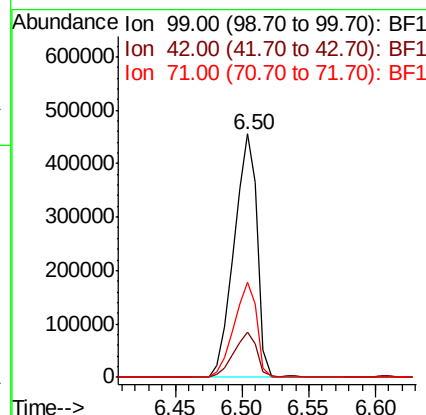
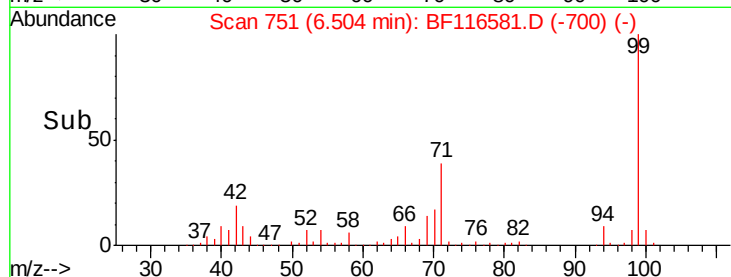
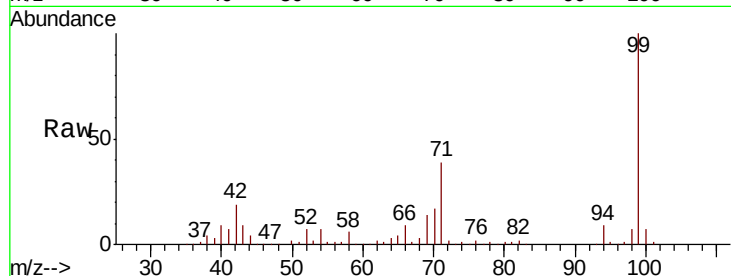
ClientSampleId :

PB122453BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		552198		
42	18.8	14.6	21.8		
71	38.9	28.5	42.7		

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#8

2-Chlorophenol

Concen: 41.763 ng

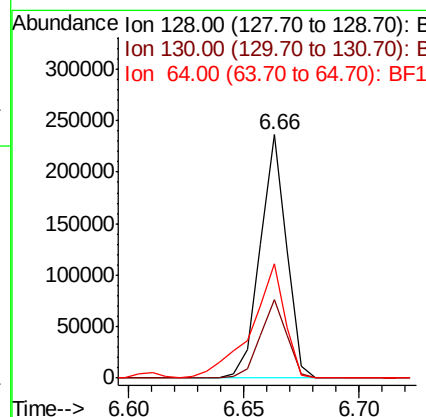
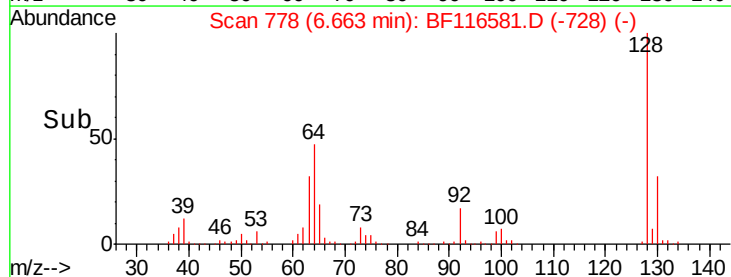
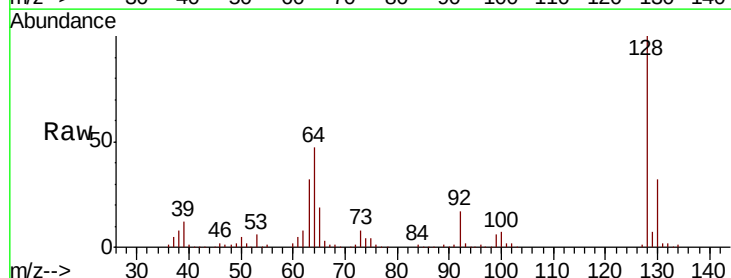
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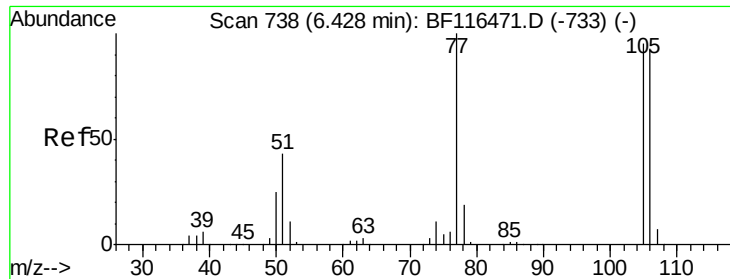
Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		188701		
130	32.5	13.4	53.4		
64	46.7	26.3	66.3		





#9

Benzaldehyde

Concen: 39.267 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

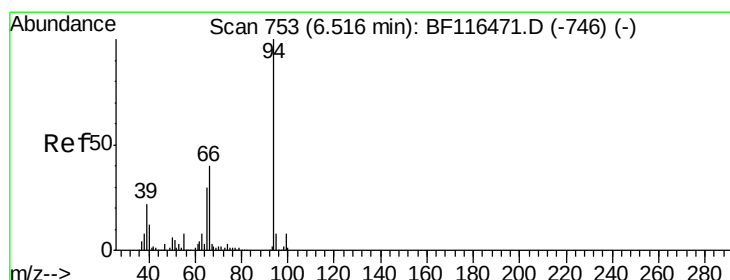
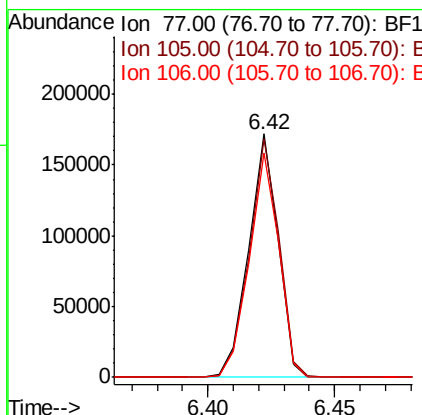
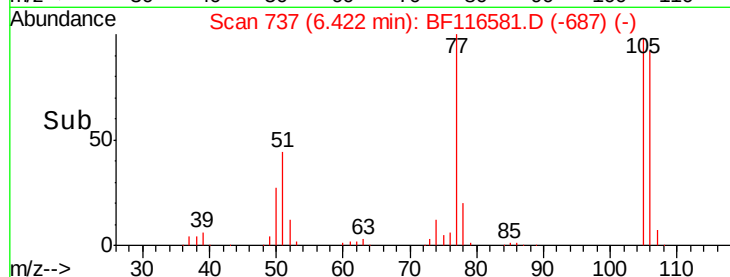
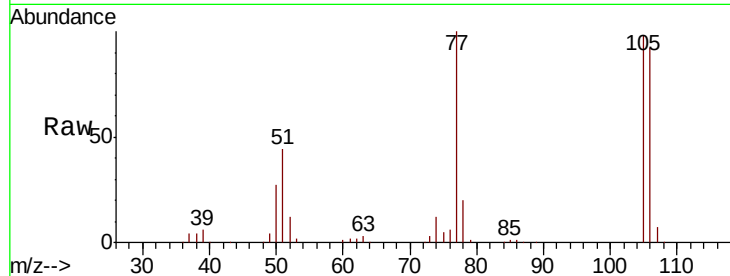
ClientSampleId :

PB122453BS

Tot Ion:	77	Resp:	138513
Ion	Ratio	Lower	Upper
77	100		
105	97.8	75.5	115.5
106	92.2	73.2	113.2

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#10

Phenol

Concen: 42.506 ng

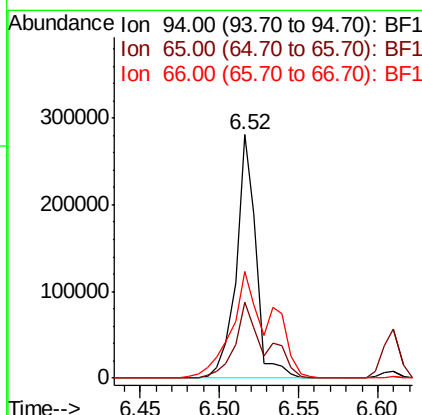
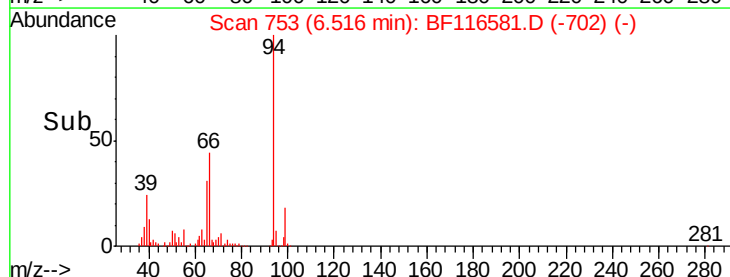
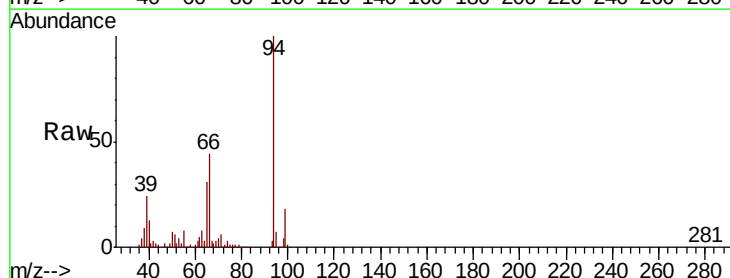
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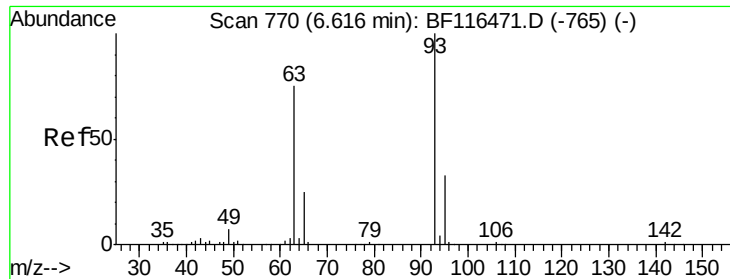
Delta R.T. -0.00 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Tgt Ion:	94	Resp:	243690
Ion	Ratio	Lower	Upper
94	100		
65	31.4	10.0	50.0
66	44.0	19.8	59.8





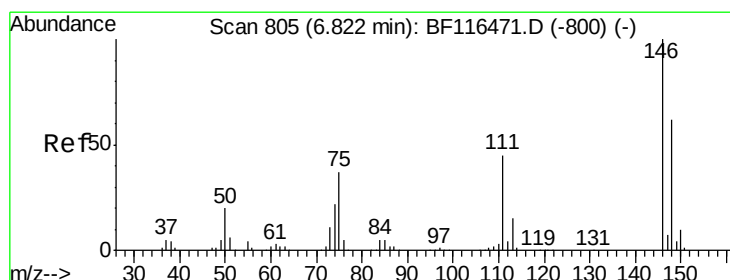
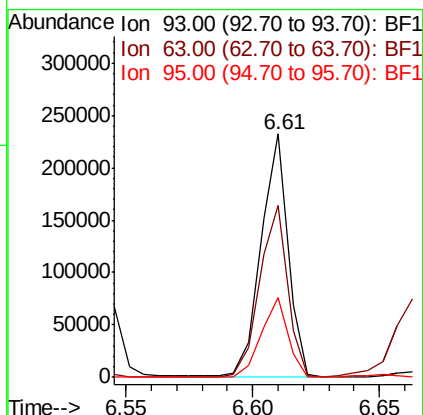
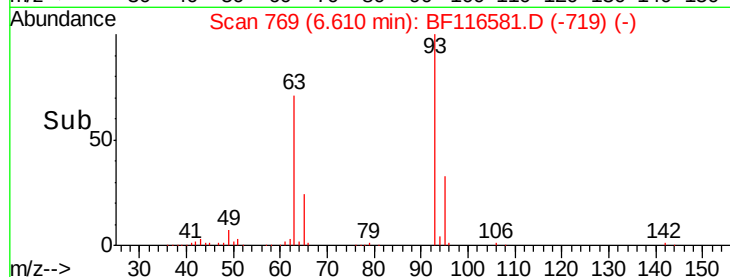
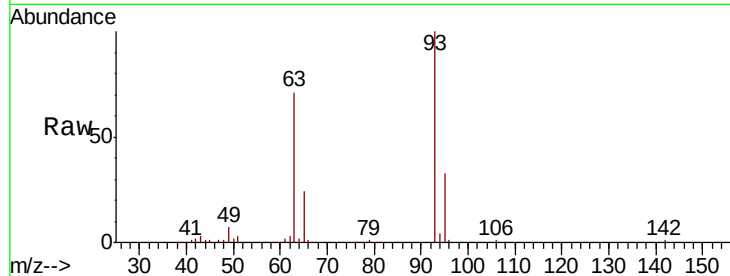
#11
bis(2-Chloroethyl)ether
Concen: 39.907 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion:	93	Resp:	174200
Ion	Ratio	Lower	Upper
93	100		
63	70.8	54.3	94.3
95	32.8	13.3	53.3

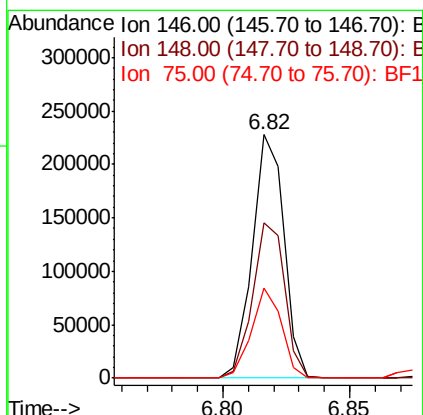
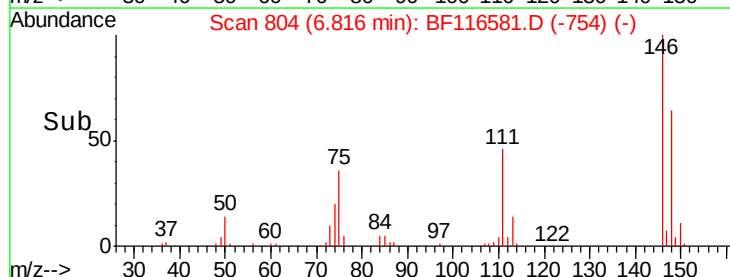
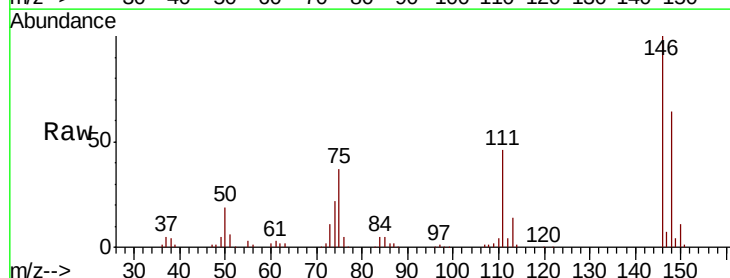
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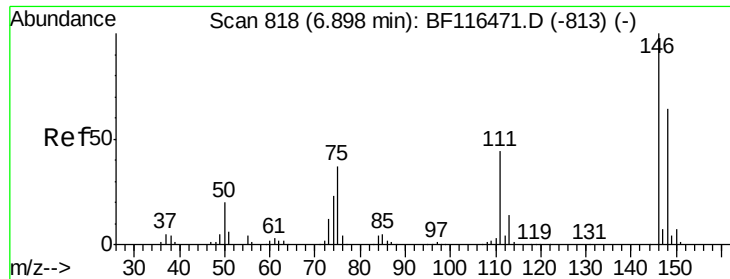
mohammad
8/29/2019 7:54:45 AM



#12
1,3-Dichlorobenzene
Concen: 40.576 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion:	146	Resp:	198441
Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.8	74.8
75	37.2	29.3	43.9





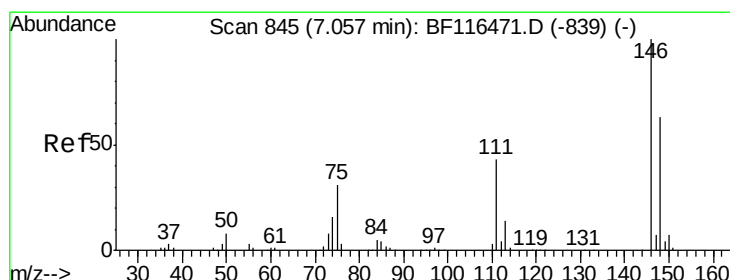
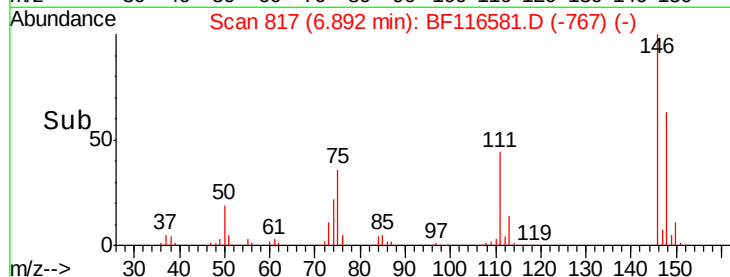
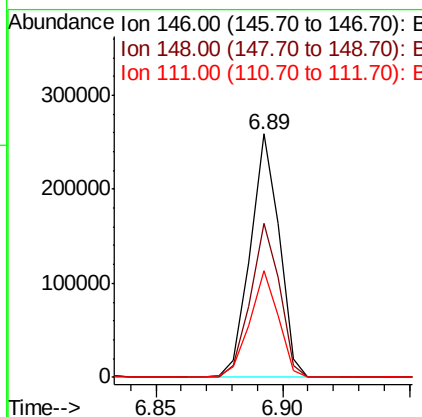
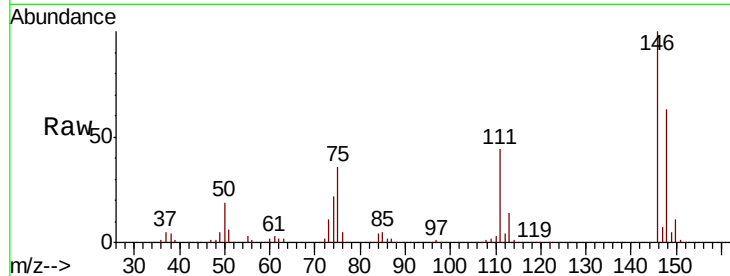
#13
 1,4-Dichlorobenzene
 Concen: 43.717 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122453BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.4
111	43.7	35.4	53.2

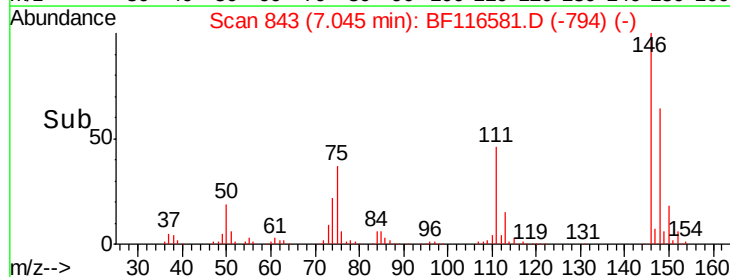
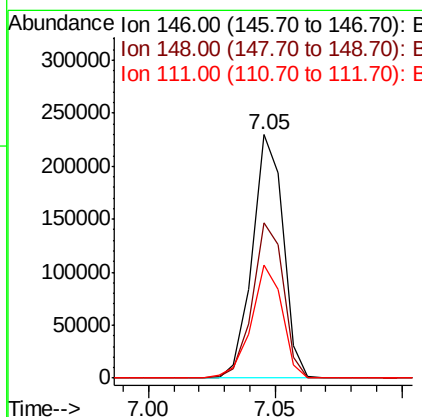
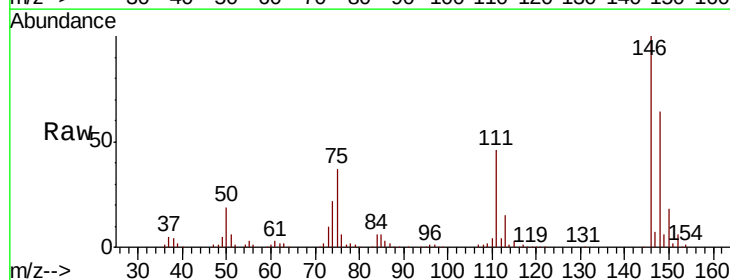
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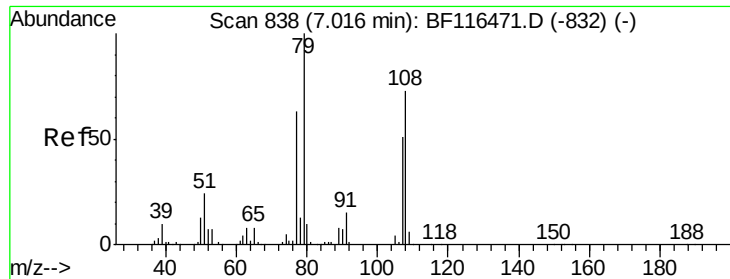
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.942 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	46.3	34.5	51.7





#15

Benzyl Alcohol

Concen: 42.414 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

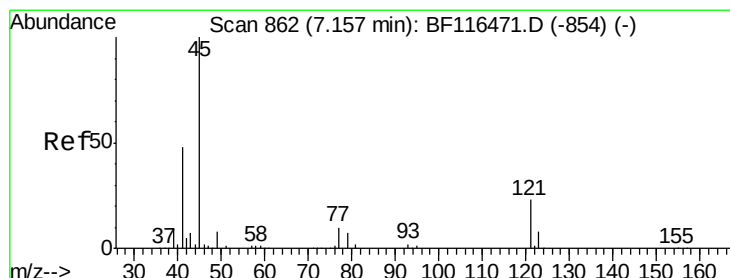
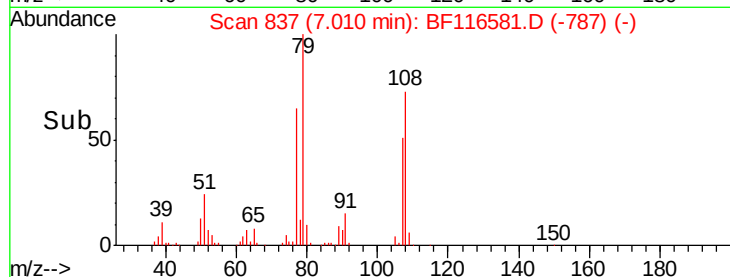
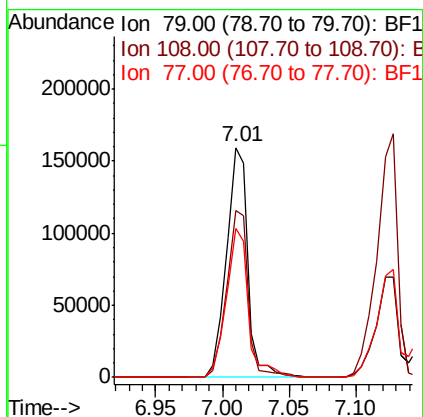
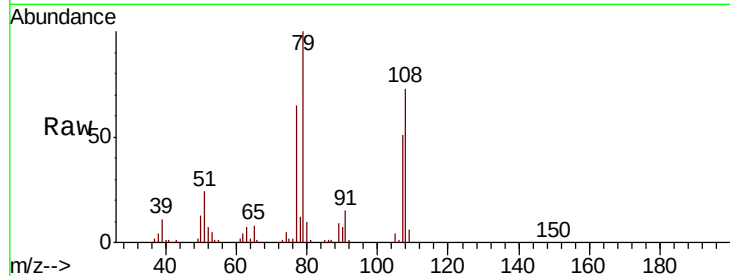
ClientSampleId :

PB122453BS

Tot Ion:	79	Resp:	181213
Ion Ratio	Lower	Upper	
79	100		
108	72.7	58.1	87.1
77	64.7	50.6	76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.064 ng

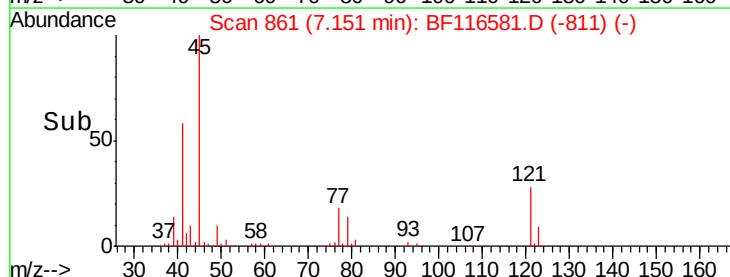
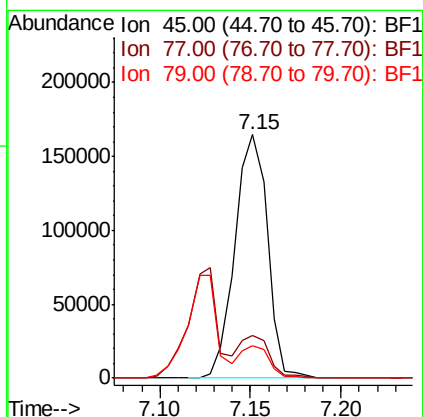
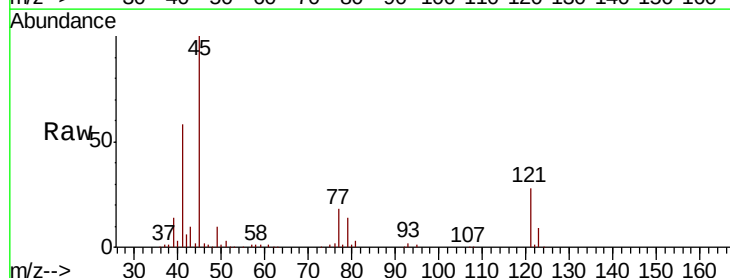
RT: 7.15 min Scan# 861

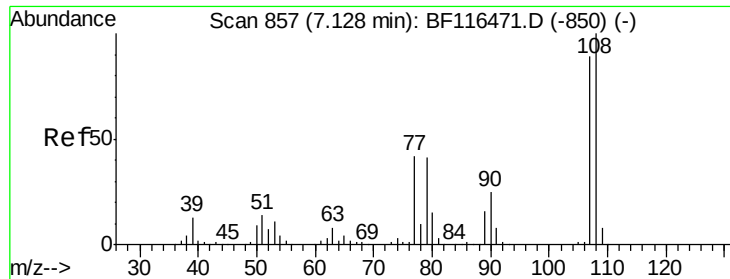
Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Tgt Ion:	45	Resp:	205593
Ion Ratio	Lower	Upper	
45	100		
77	17.7	0.0	36.1
79	13.6	0.0	32.3





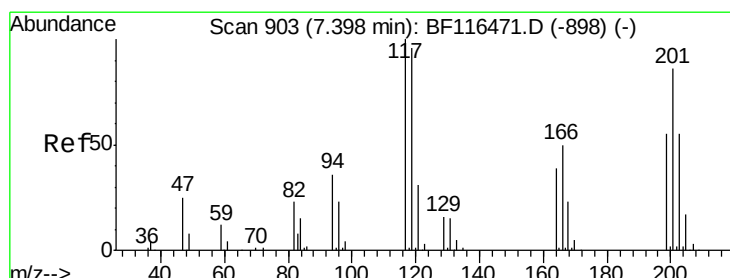
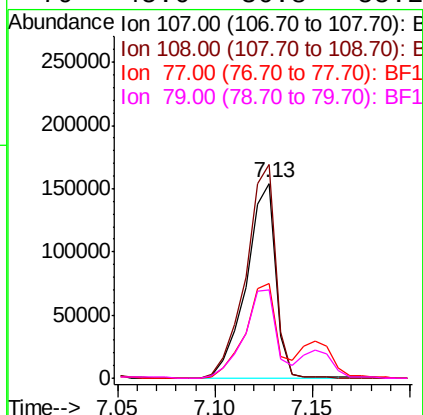
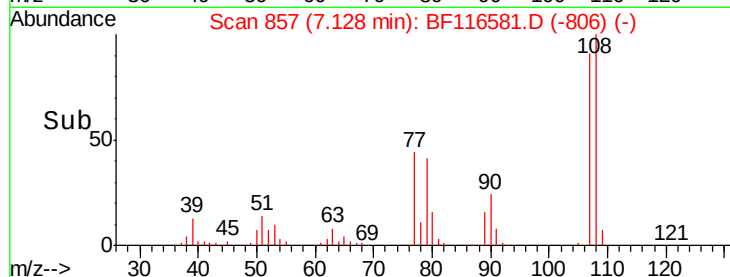
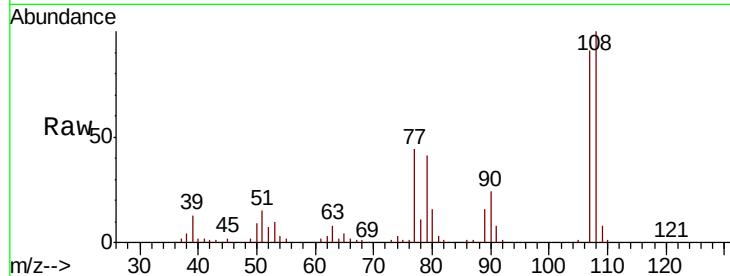
#17
2-Methylphenol
Concen: 43.102 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampled :
PB122453BS

Tot Ion	107	Resp	161359
Ion Ratio	Lower	Upper	
107	100		
108	109.4	90.0	135.0
77	48.4	37.6	56.4
79	45.0	36.8	55.2

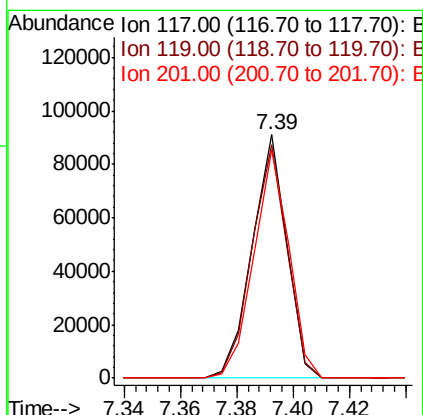
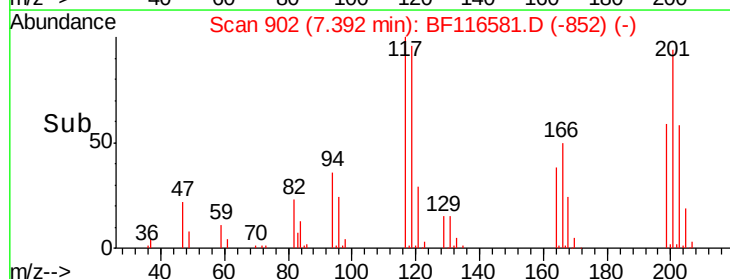
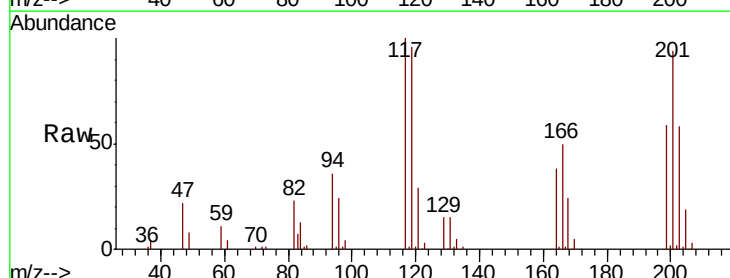
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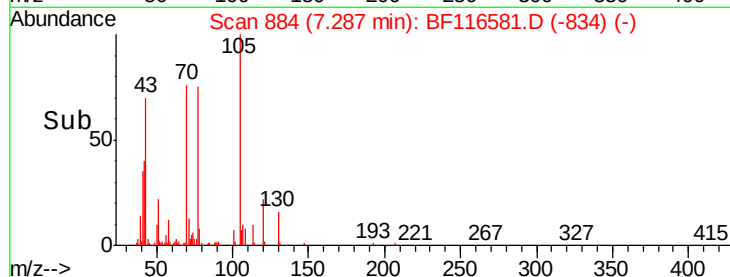
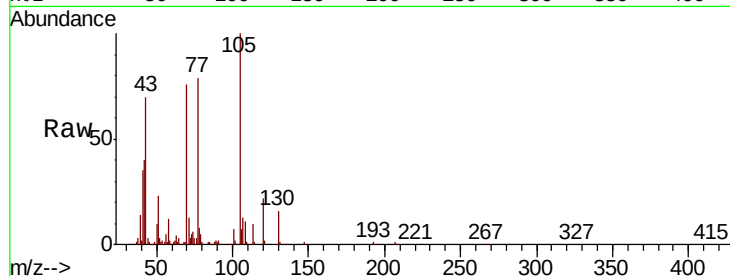
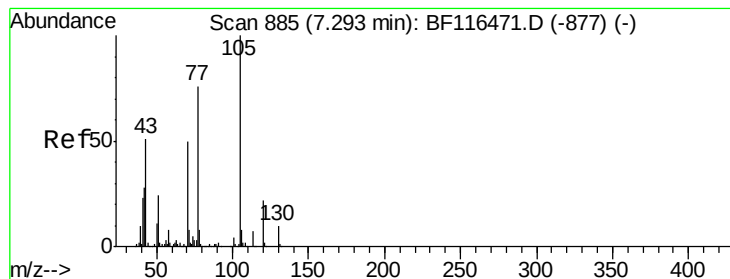
mohammad
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#18
Hexachloroethane
Concen: 42.280 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	117	Resp	77615
Ion Ratio	Lower	Upper	
117	100		
119	95.6	77.0	115.6
201	93.6	69.1	103.7





#19

n-Nitroso-di-n-propylamine

Concen: 38.841 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

ClientSampleId :

PB122453BS

Tot Ion: 70 Resp: 139923

Ion Ratio Lower Upper

70 100

42 52.9 44.4 66.6

101 9.1 7.1 10.7

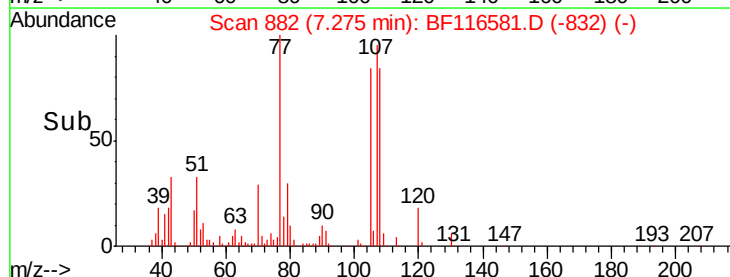
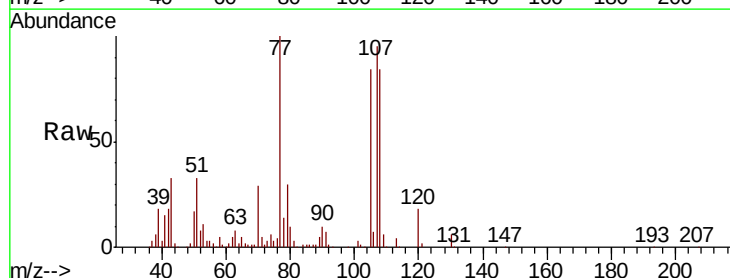
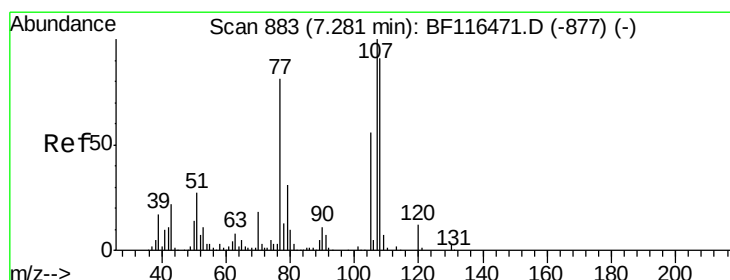
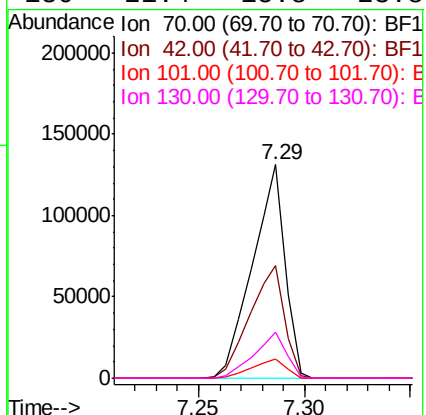
130 21.4 15.8 23.8

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#20

3+4-Methylphenols

Concen: 44.980 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Tgt Ion:107 Resp: 206281

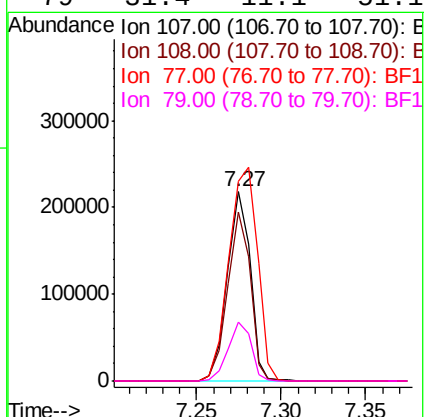
Ion Ratio Lower Upper

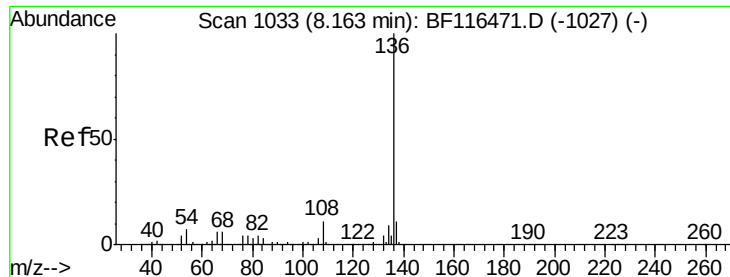
107 100

108 89.2 70.7 110.7

77 105.8 60.6 100.6#

79 31.4 11.1 51.1





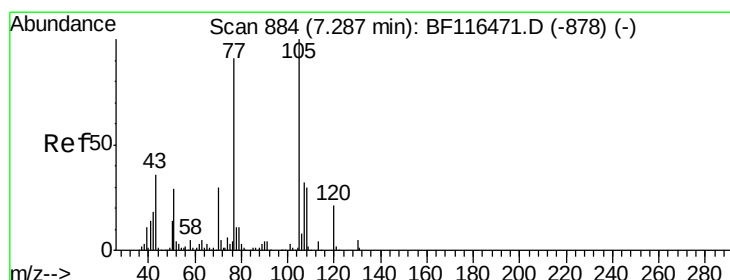
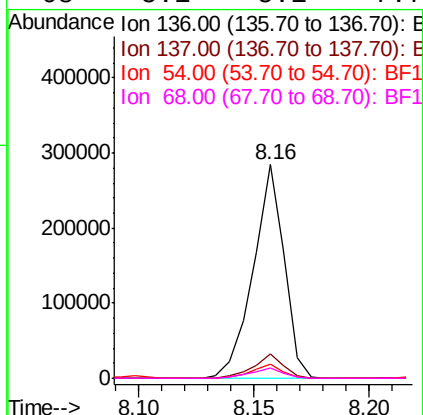
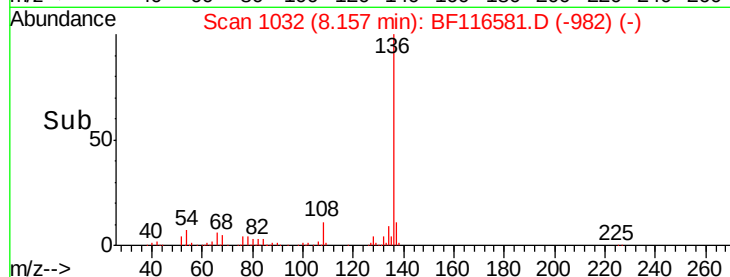
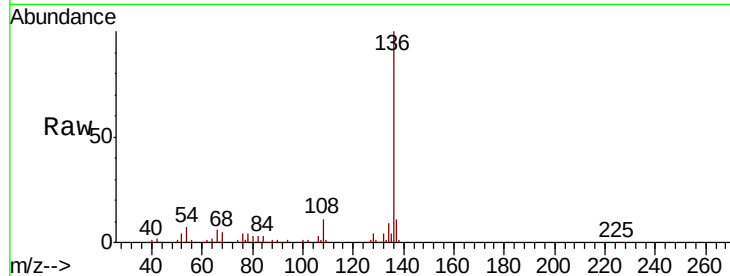
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	266243		
137	11.1	9.0	13.4	
54	6.5	5.8	8.6	
68	5.1	5.1	7.7#	

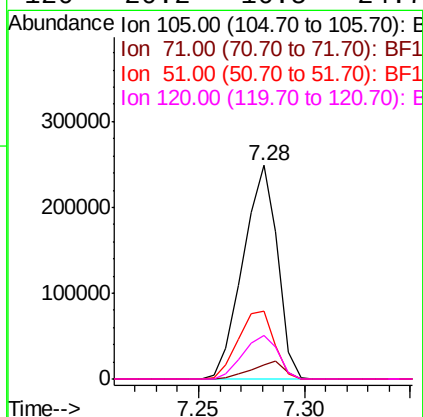
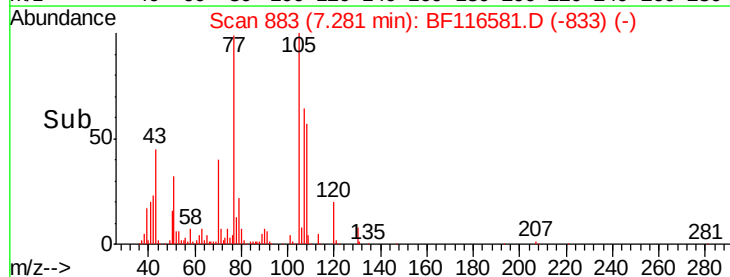
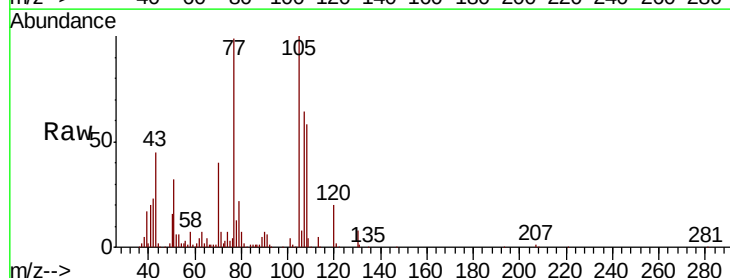
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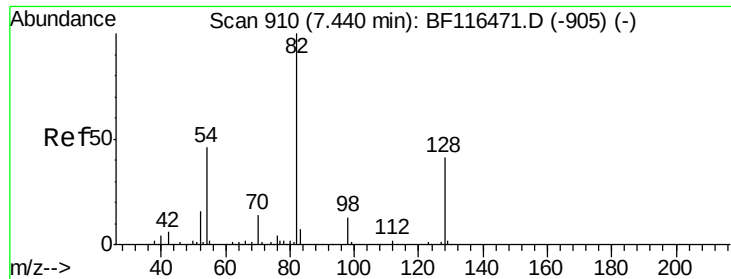
mohammad
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#22
Acetophenone
Concen: 42.268 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	281404		
71	6.8	4.2	6.2#	
51	31.6	23.0	34.4	
120	20.2	16.5	24.7	





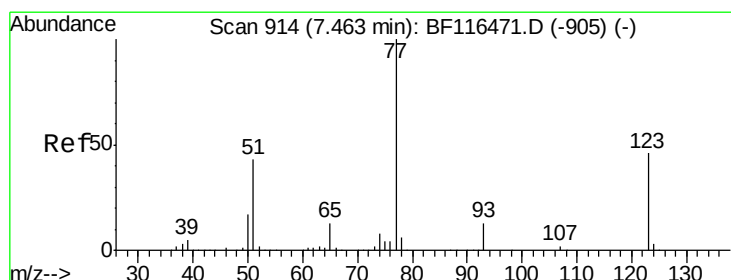
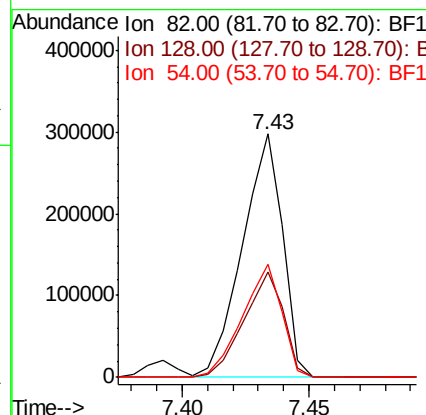
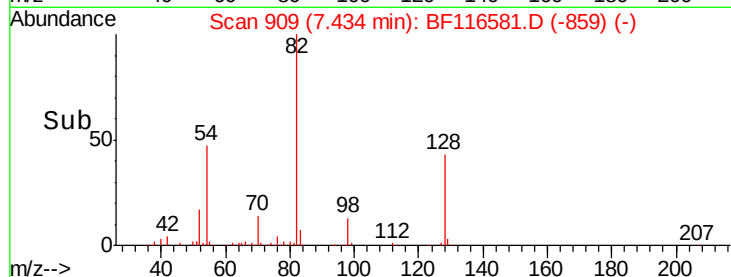
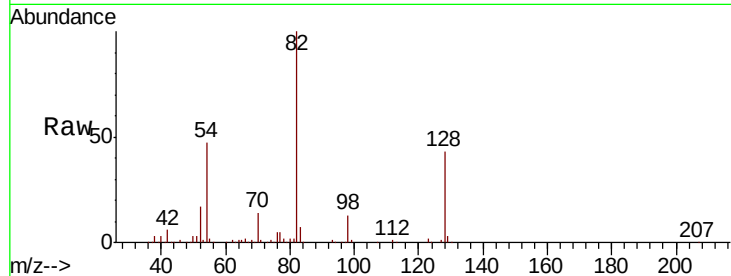
#23
Nitrobenzene-d5
Concen: 67.543 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion	82	Resp	328695
Ion Ratio	Lower	Upper	
82	100		
128	43.2	32.2	48.4
54	46.5	36.5	54.7

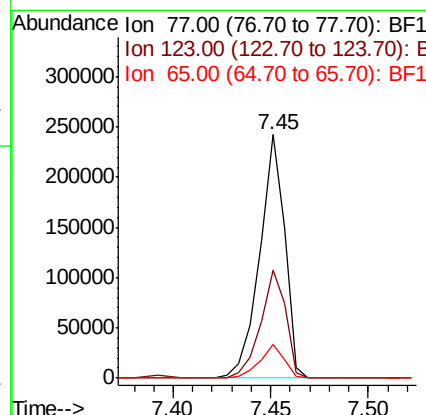
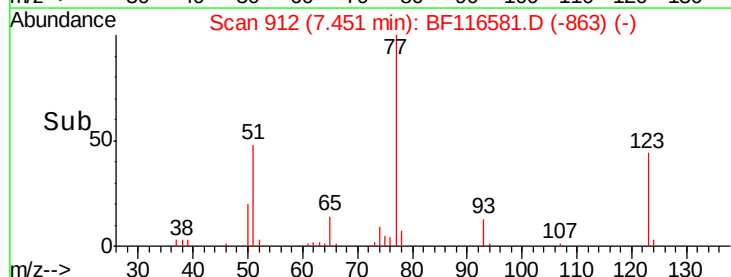
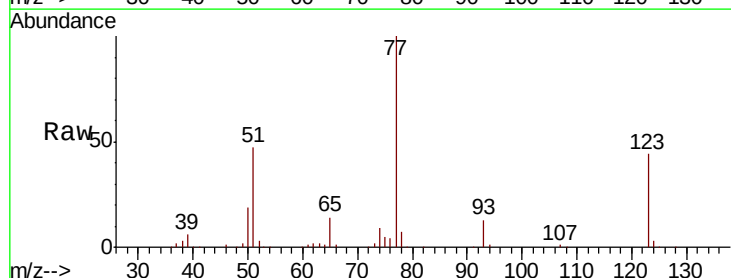
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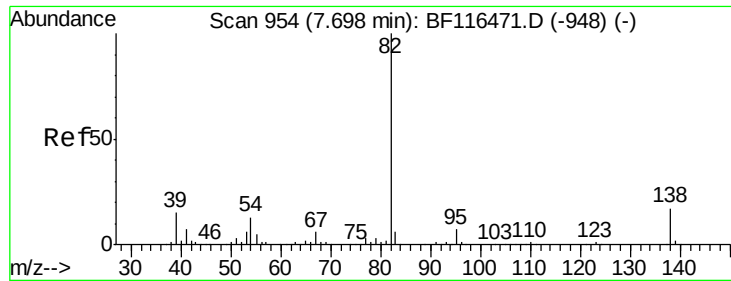
mohammad
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#24
Nitrobenzene
Concen: 42.731 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	77	Resp	215352
Ion Ratio	Lower	Upper	
77	100		
123	44.1	37.0	55.4
65	13.7	10.5	15.7





#25

Isophorone

Concen: 39.235 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

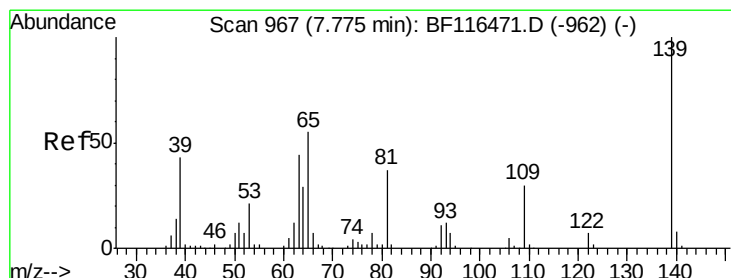
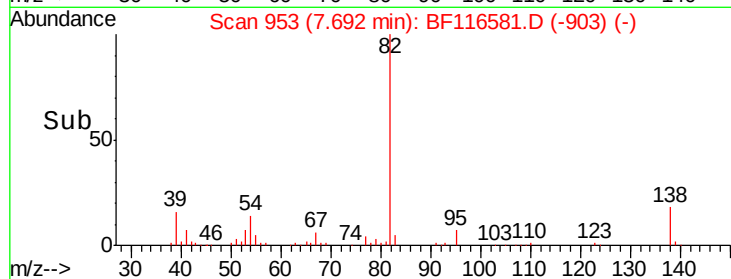
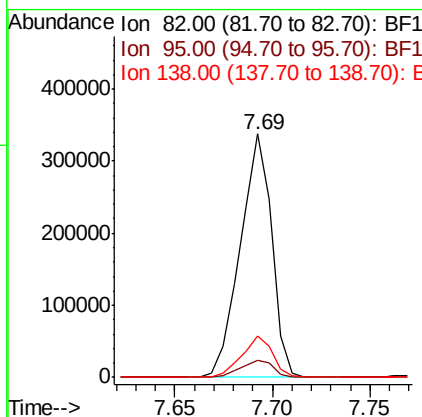
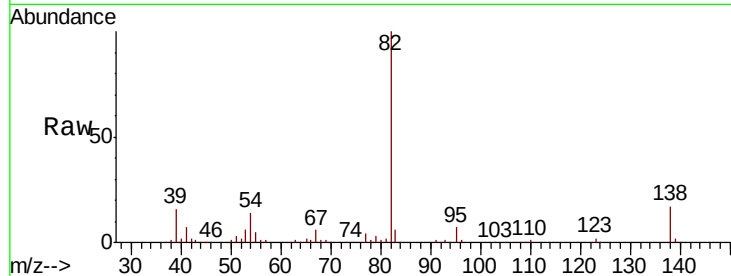
ClientSampleId :

PB122453BS

Tot Ion:	82	Resp:	376264
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.3	7.9
138	17.1	13.3	19.9

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#26

2-Nitrophenol

Concen: 54.263 ng

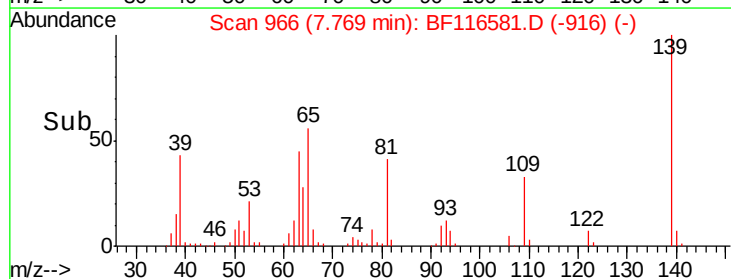
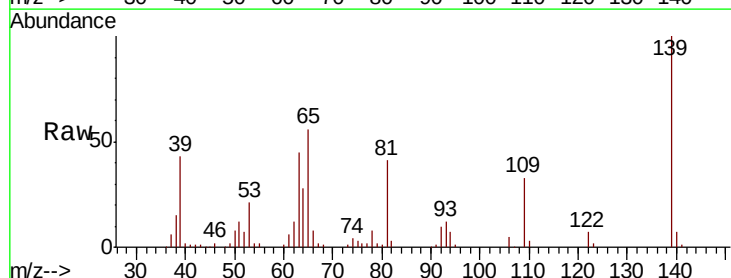
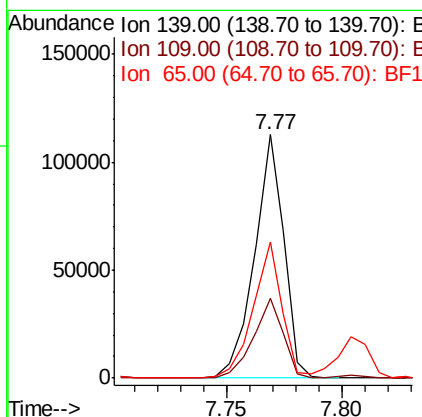
RT: 7.77 min Scan# 966

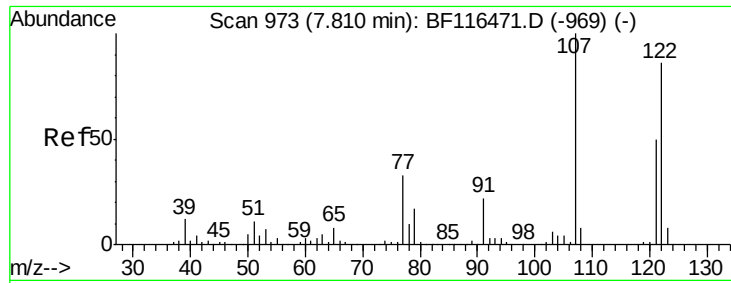
Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Tgt Ion:	139	Resp:	99891
Ion Ratio	Lower	Upper	
139	100		
109	32.9	24.3	36.5
65	55.9	44.0	66.0





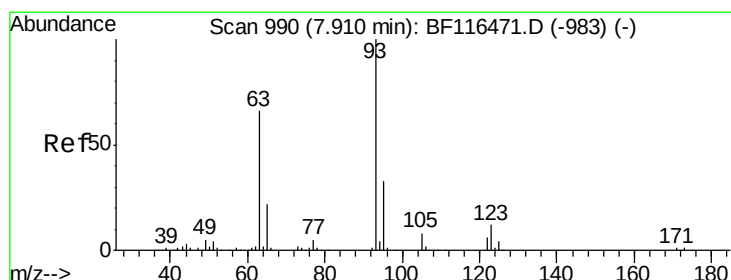
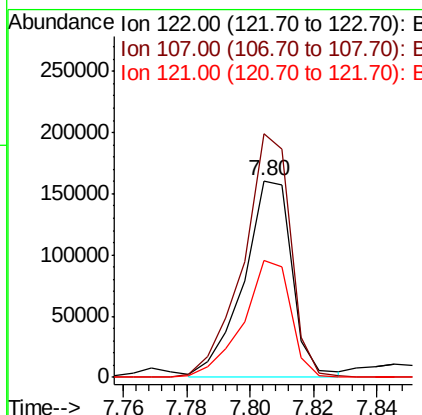
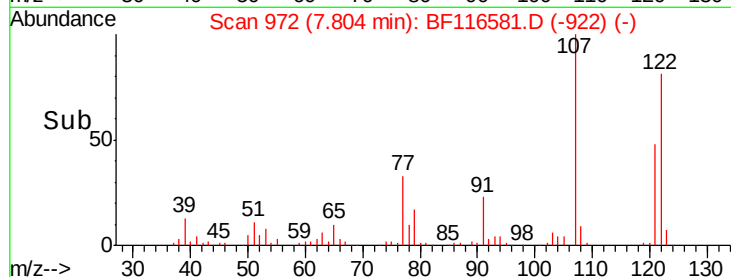
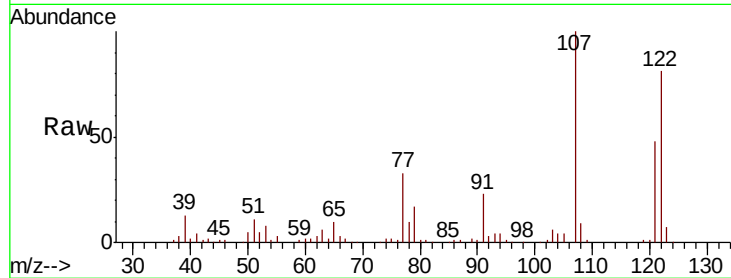
#27
 2,4-Dimethylphenol
 Concen: 44.633 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122453BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	124.0	92.4	171437	138.6	
121	59.8	46.2		69.4	

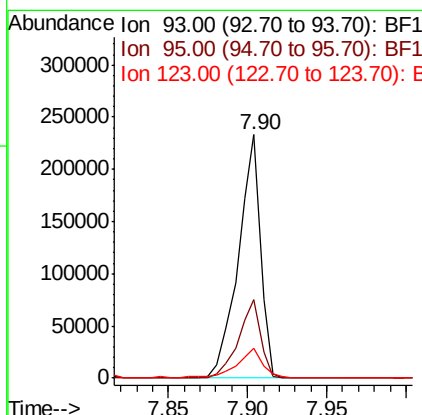
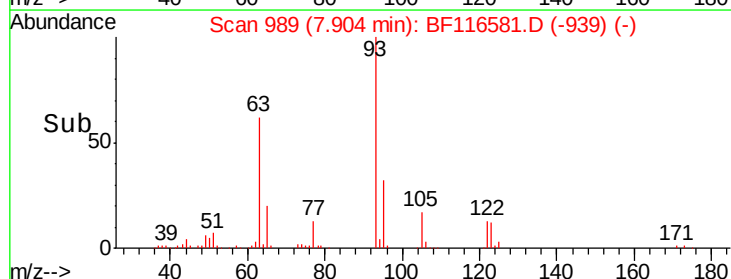
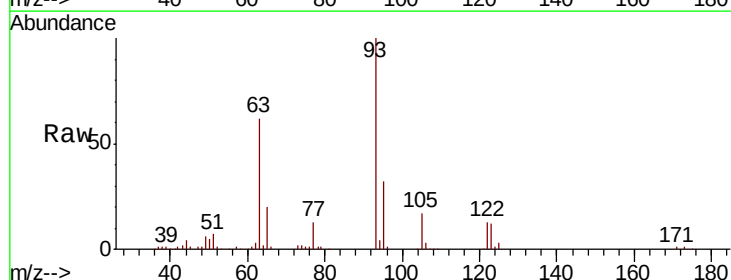
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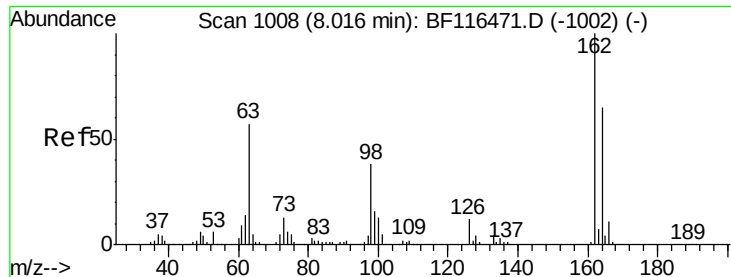
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.984 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.3	26.3	224960	39.5	
123	12.2	9.8		14.6	





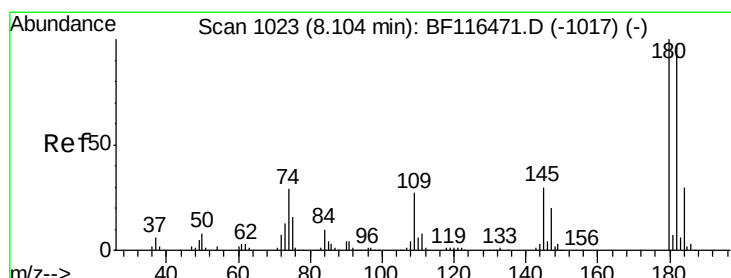
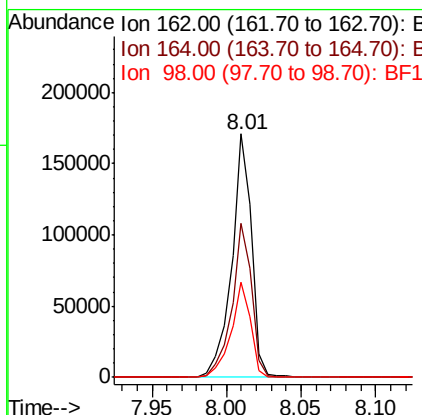
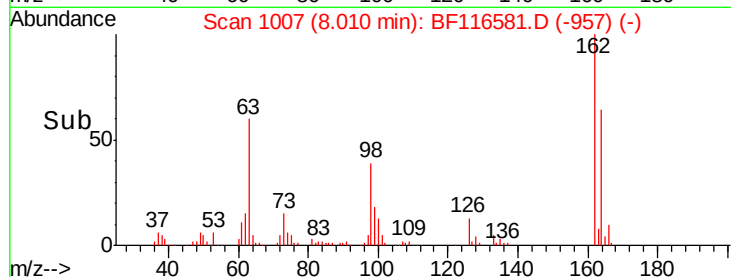
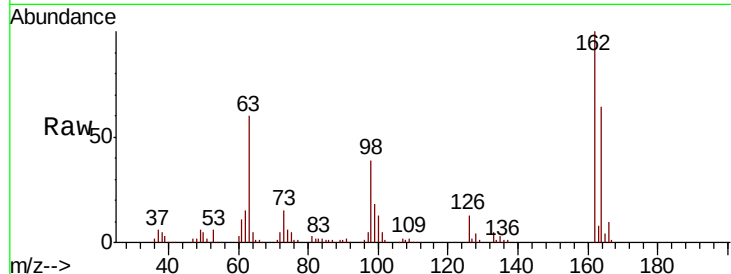
#29
2,4-Dichlorophenol
Concen: 43.891 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	160326		
164	63.5		44.9	84.9
98	38.9		17.9	57.9

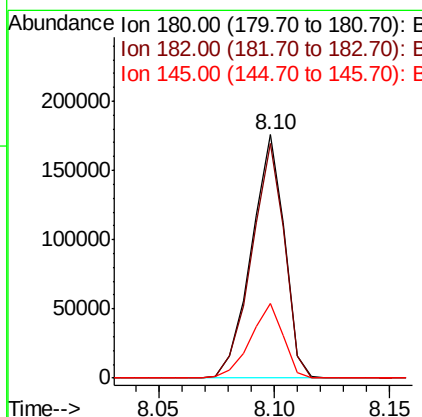
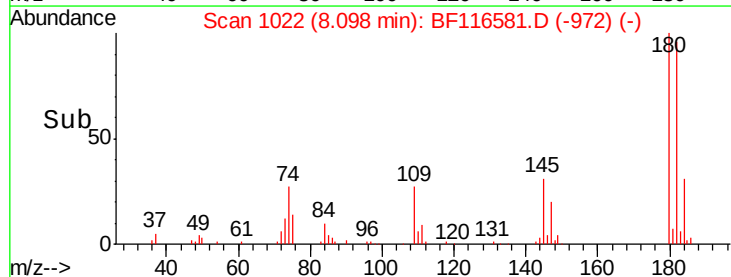
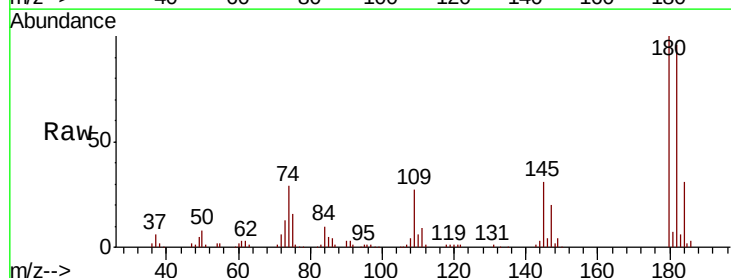
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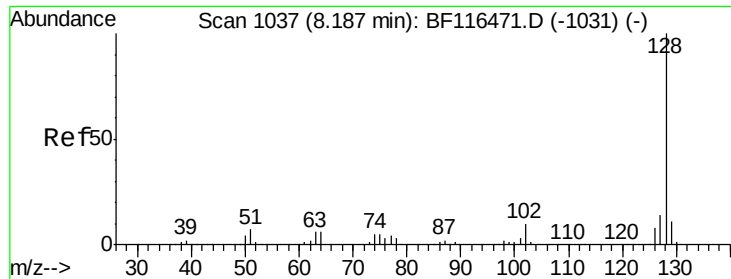
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#30
1,2,4-Trichlorobenzene
Concen: 42.601 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	175186		
182	96.5		77.4	116.0
145	30.6		24.3	36.5





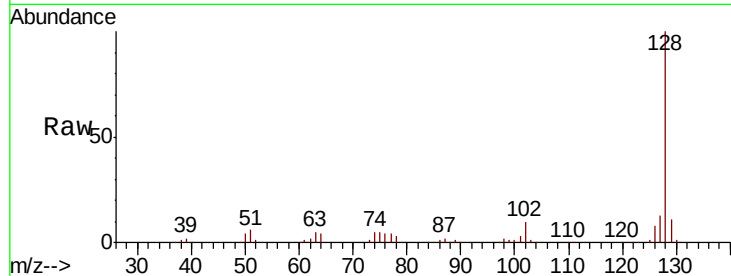
#31
Naphthalene
Concen: 43.685 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	562644		
129	10.9		9.0	13.6
127	13.4		10.9	16.3

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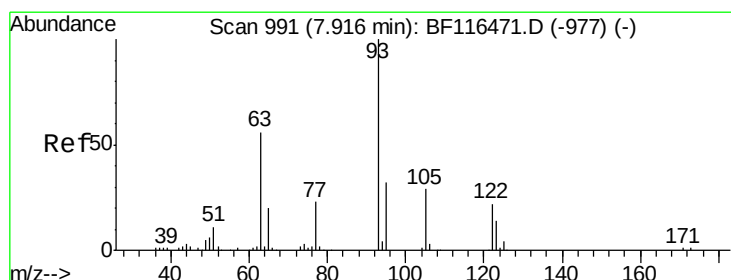
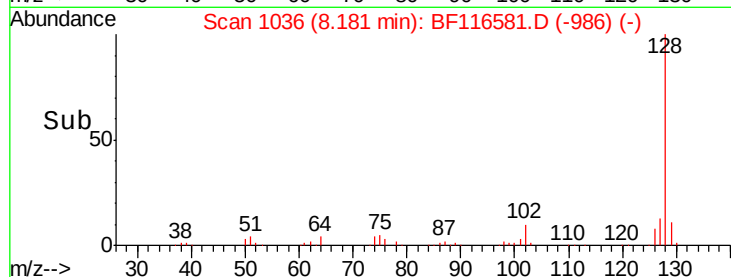
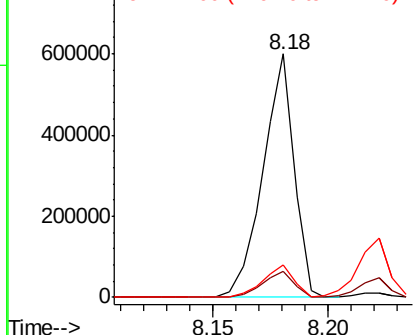


Abundance

Ion 128.00 (127.70 to 128.70): E

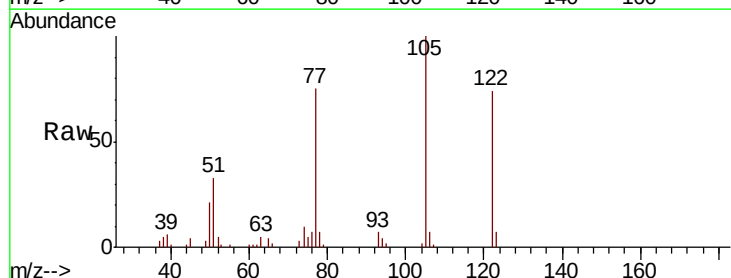
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 46.867 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	115083		
105	135.7		109.9	149.9
77	101.8		84.9	124.9

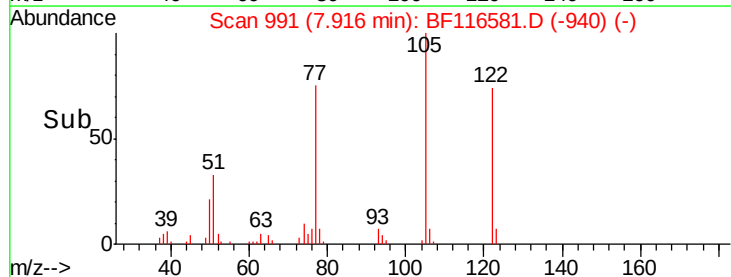
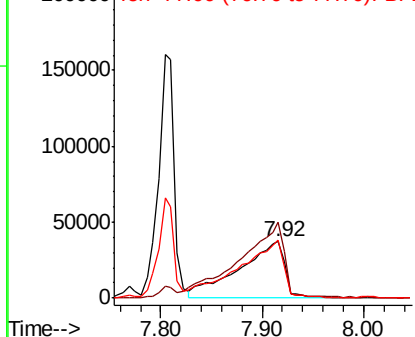


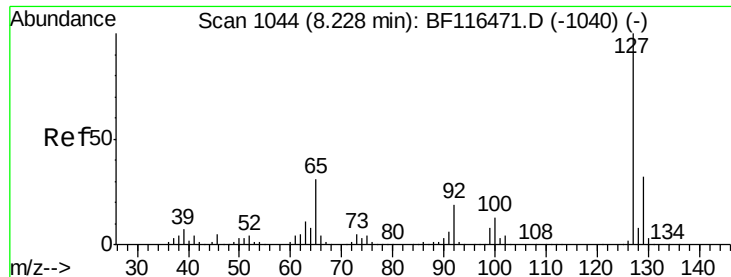
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





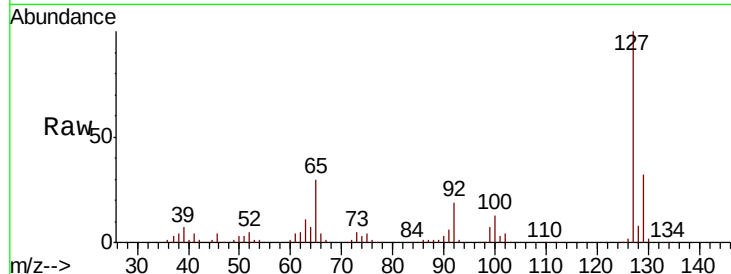
#33
4-Chloroaniline
Concen: 23.844 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

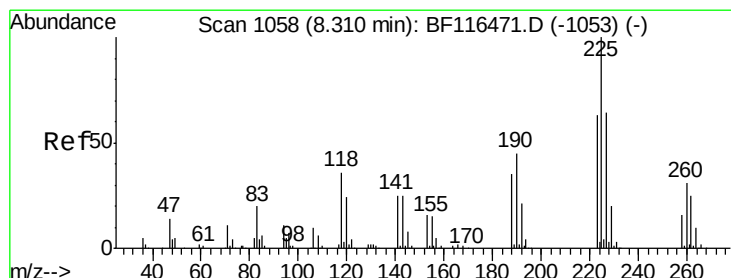
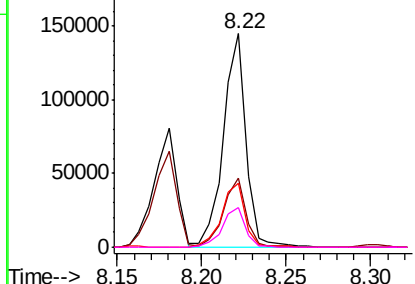
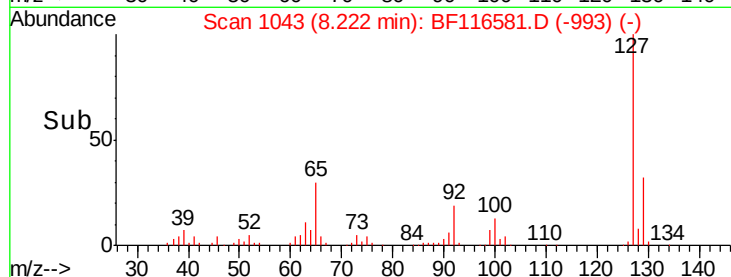
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		134817		
129	32.4	25.7	38.5		
65	29.7	25.0	37.6		
92	18.7	15.0	22.6		

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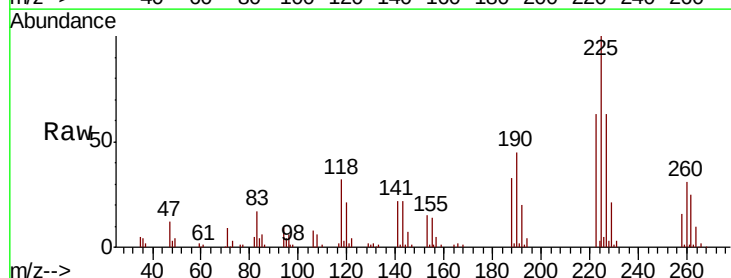


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

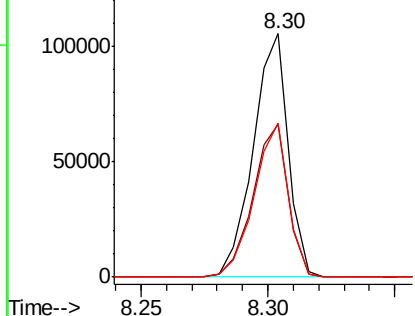
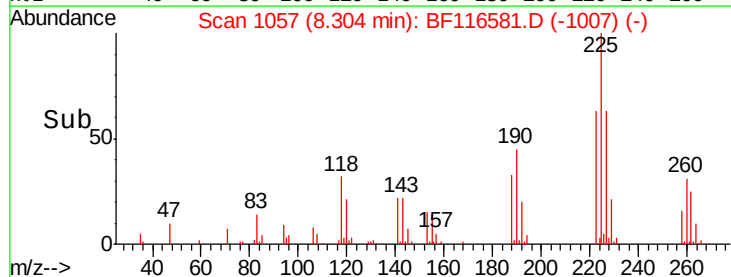


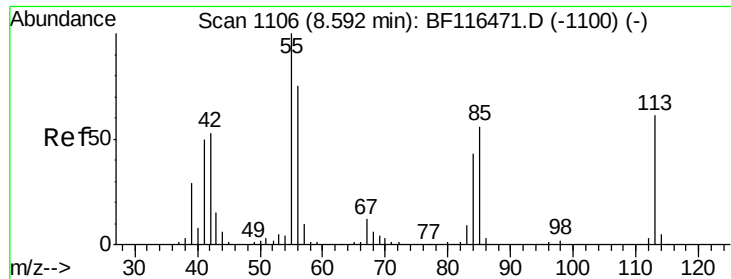
#34
Hexachlorobutadiene
Concen: 45.088 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		101118		
223	62.8	50.3	75.5		
227	63.2	51.0	76.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





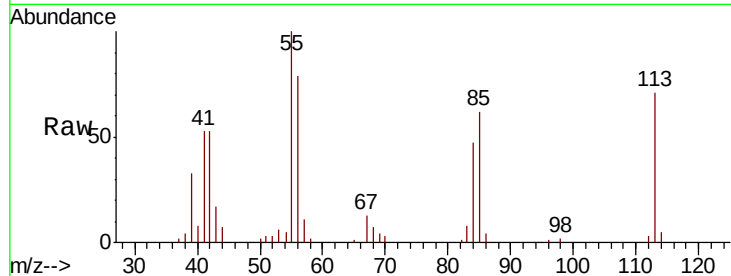
#35
Caprolactam
Concen: 37.553 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

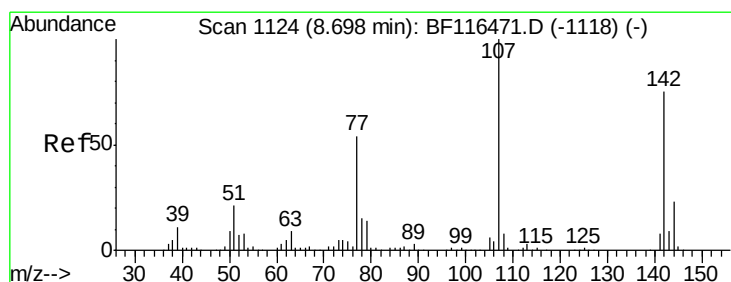
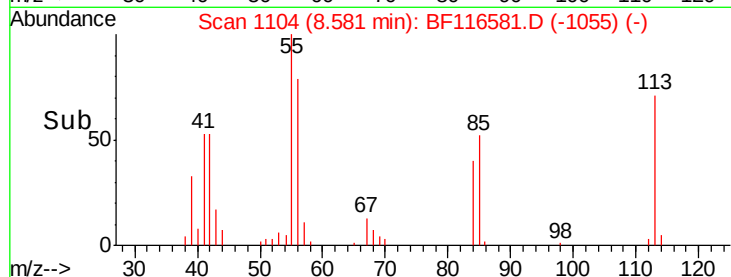
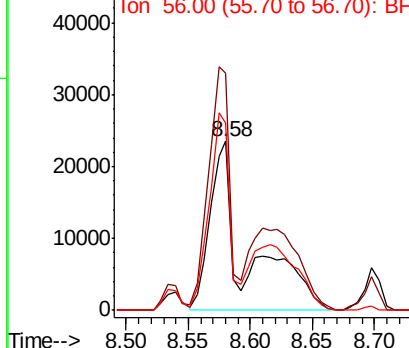
Tot Ion	Ratio	Lower	Upper
113	100		
55	140.1	143.6	183.6#
56	110.7	102.3	142.3

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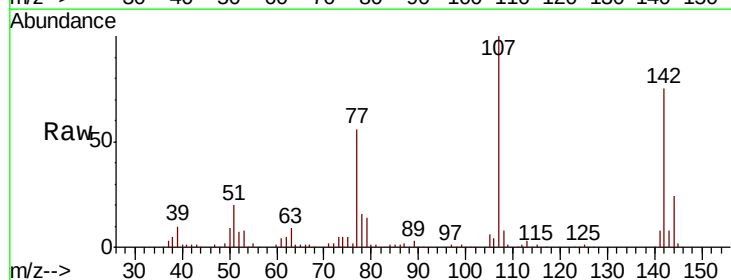


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

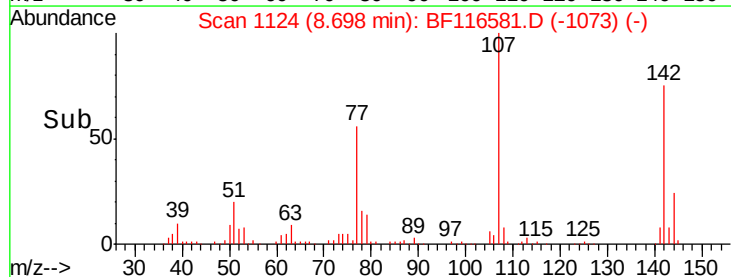
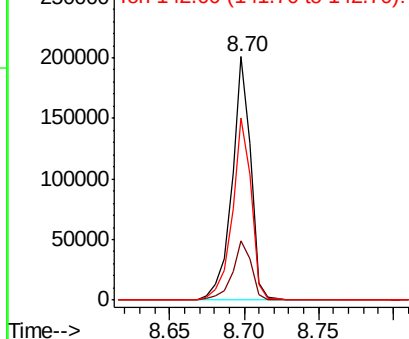


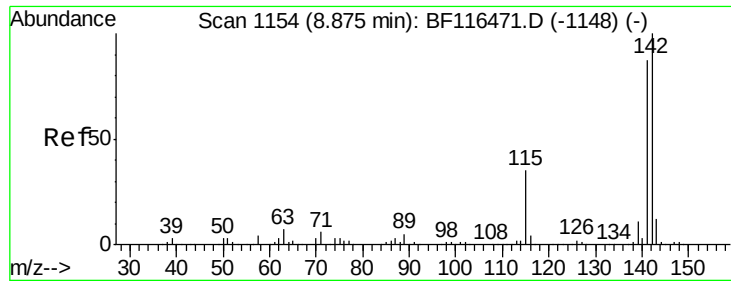
#36
4-Chloro-3-methylphenol
Concen: 43.382 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	18.8	28.2
142	74.8	59.8	89.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





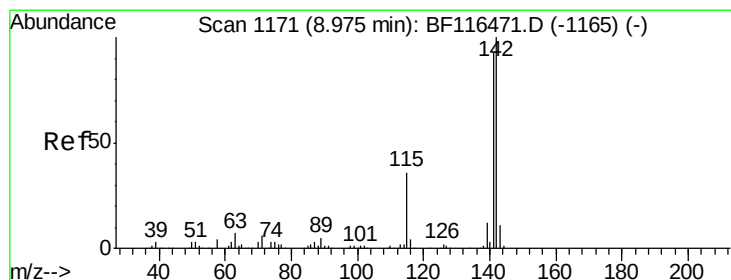
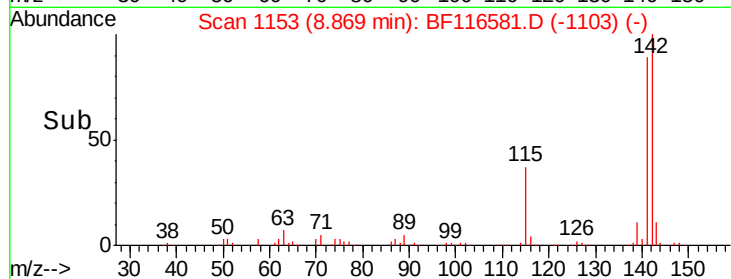
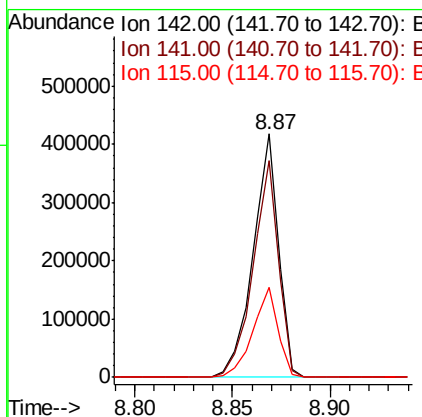
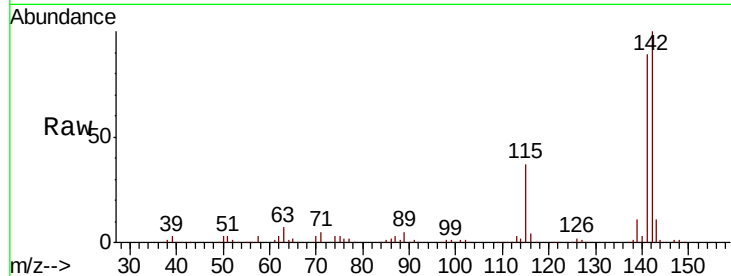
#37
2-Methylnaphthalene
Concen: 42.527 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleID :
PB122453BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.8	104.6
115	37.0	27.7	41.5

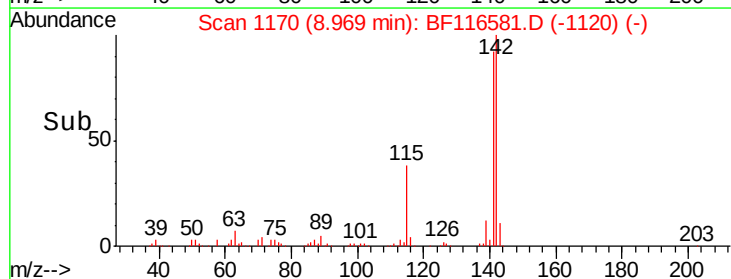
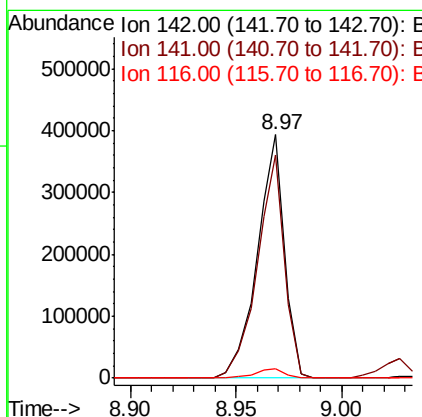
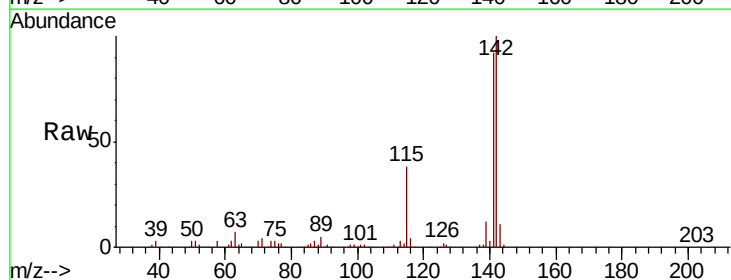
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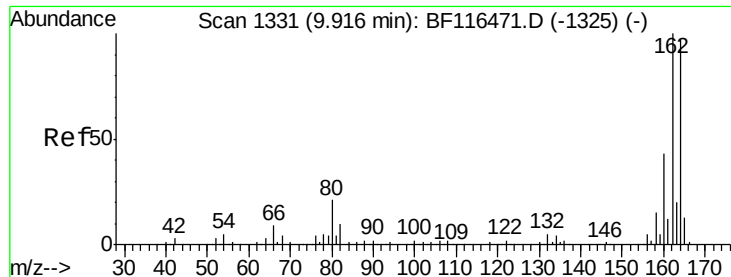
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#38
1-Methylnaphthalene
Concen: 42.362 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.2
116	4.0	2.9	4.3





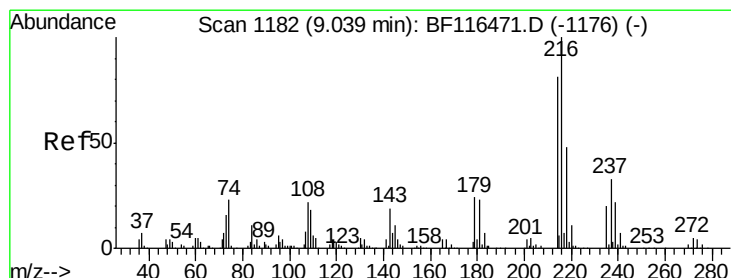
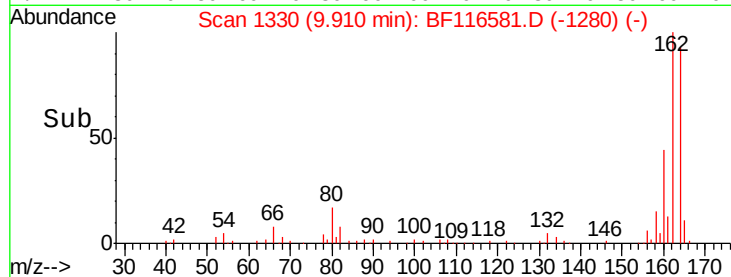
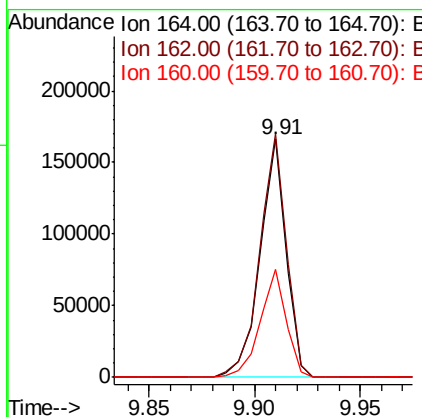
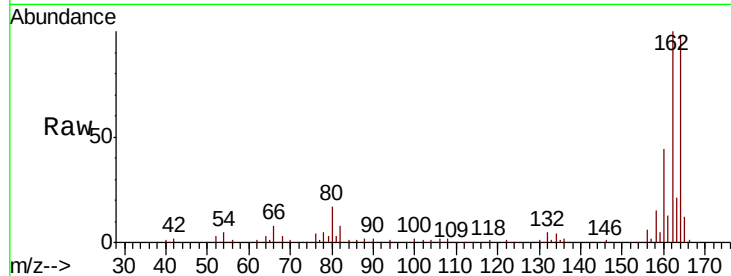
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion:	164	Resp:	143201
Ion Ratio	Lower	Upper	
164	100		
162	102.2	82.6	123.8
160	45.3	35.8	53.8

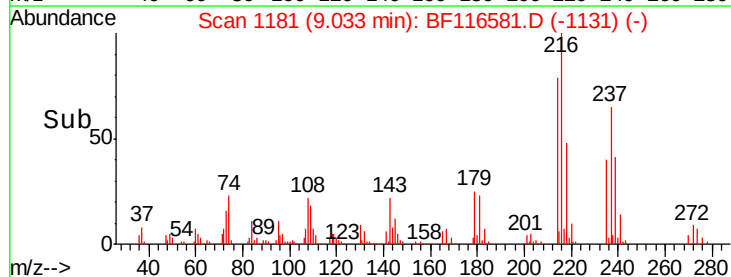
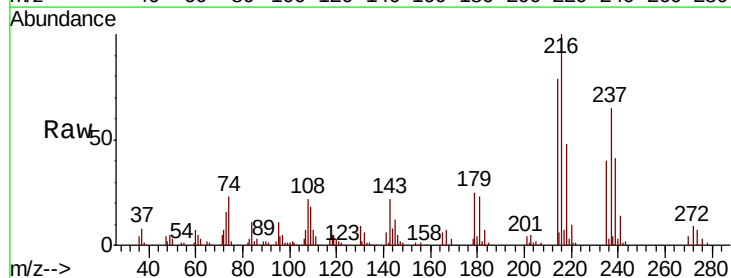
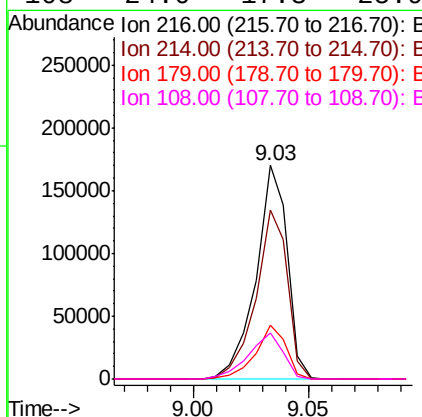
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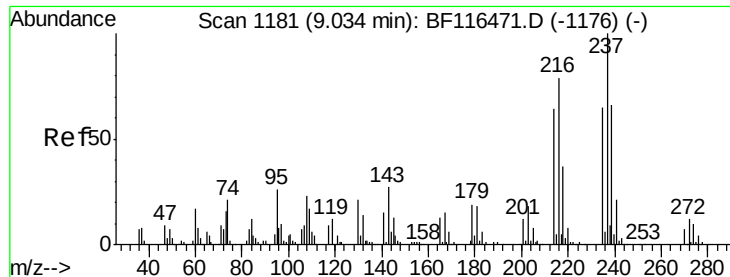
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.827 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion:	216	Resp:	161149
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.8	95.8
179	24.6	18.5	27.7
108	24.0	17.3	25.9





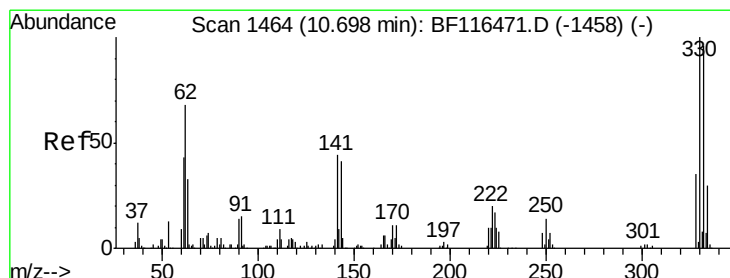
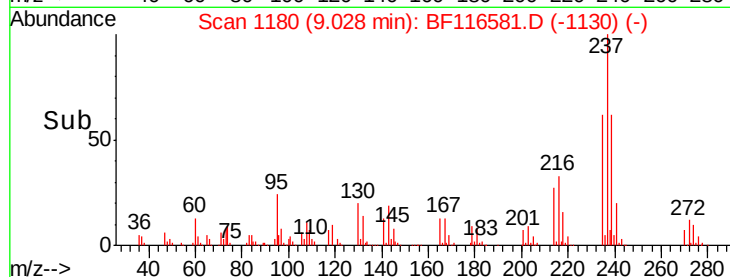
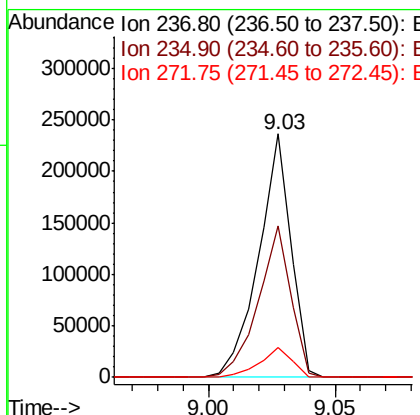
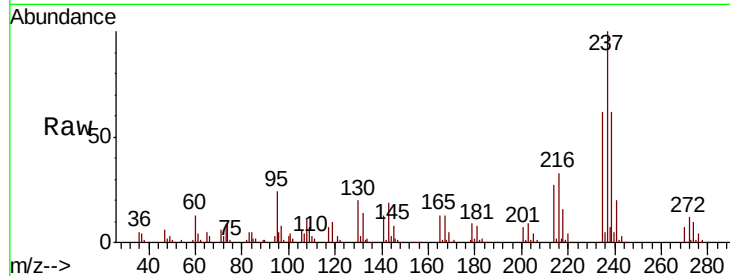
#41
Hexachlorocyclopentadiene
Concen: 101.019 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion:	237	Resp:	209400
Ion Ratio	Lower	Upper	
237	100		
235	62.0	44.8	84.8
272	12.3	0.0	32.5

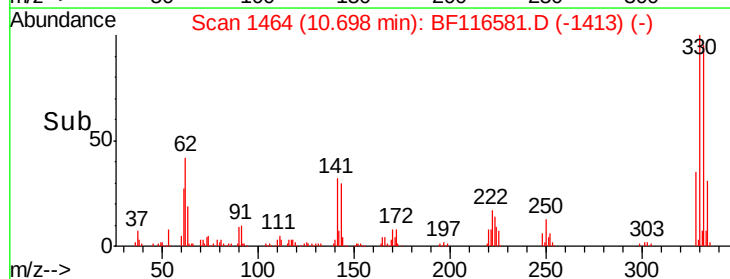
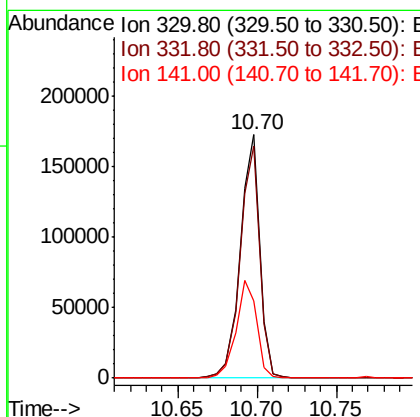
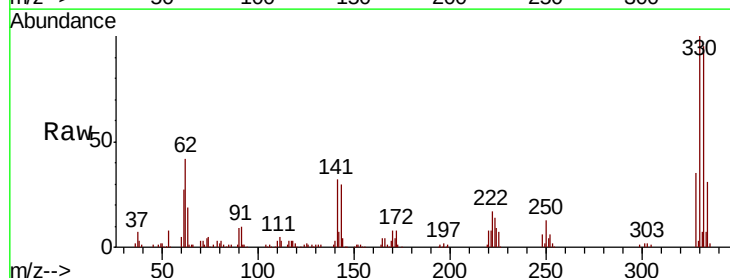
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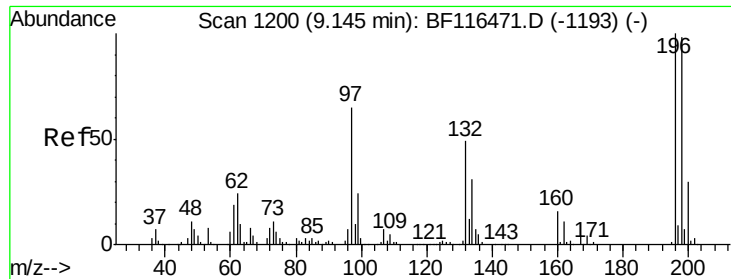
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#42
2,4,6-Tribromophenol
Concen: 119.392 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion:	330	Resp:	146807
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.2	115.8
141	42.3	33.3	49.9





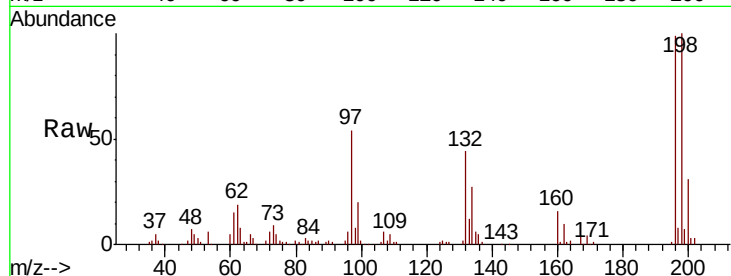
#43
 2,4,6-Trichlorophenol
 Concen: 41.622 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122453BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	112230		
198	101.2	78.0	117.0	
200	31.3	24.2	36.2	

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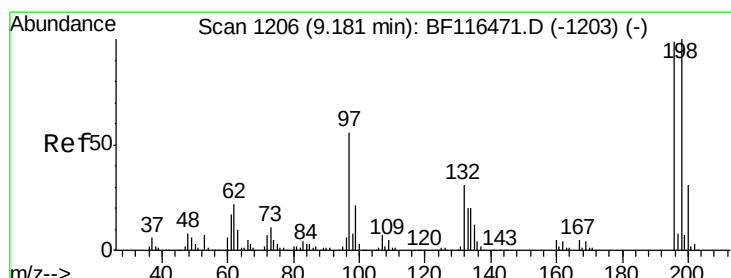
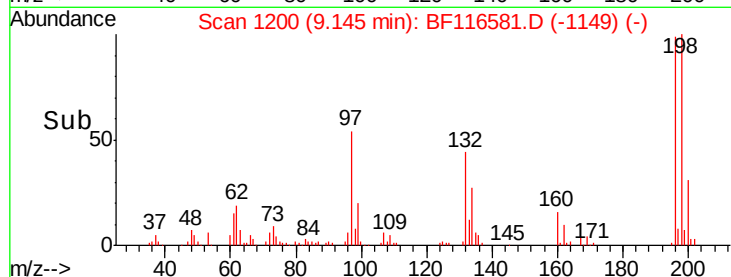
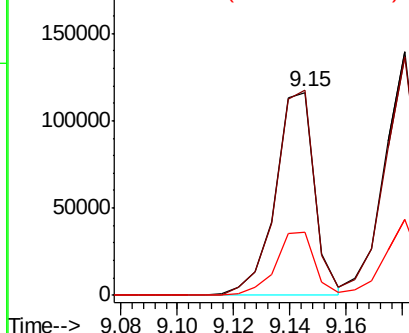


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.804 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	120181		
198	98.1	80.8	121.2	
97	55.7	45.7	68.5	
132	30.7	25.1	37.7	

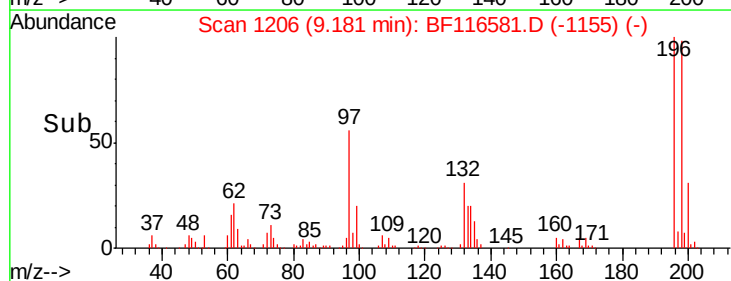
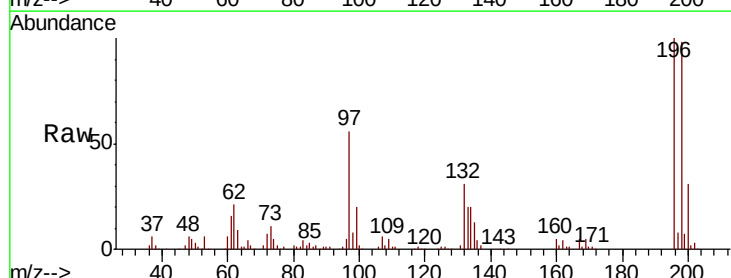
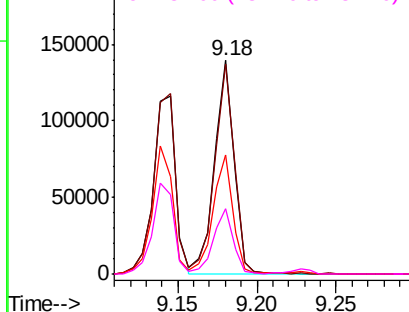
Abundance

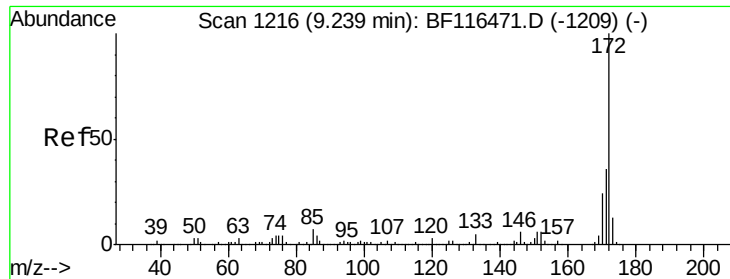
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





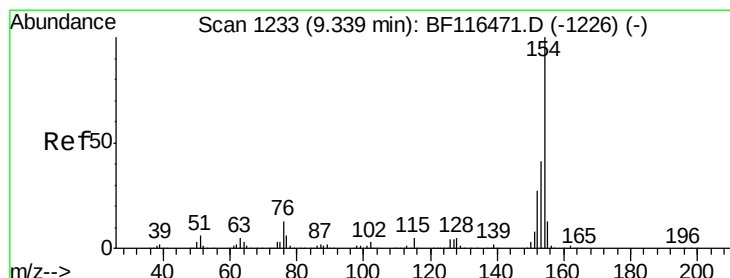
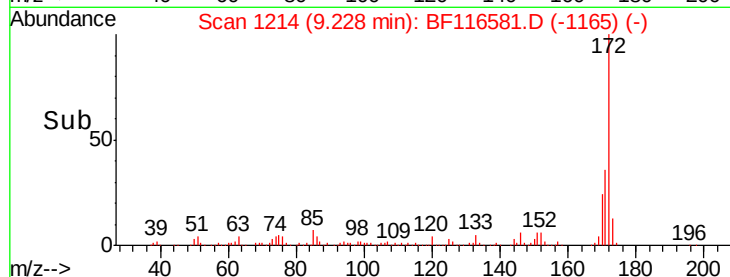
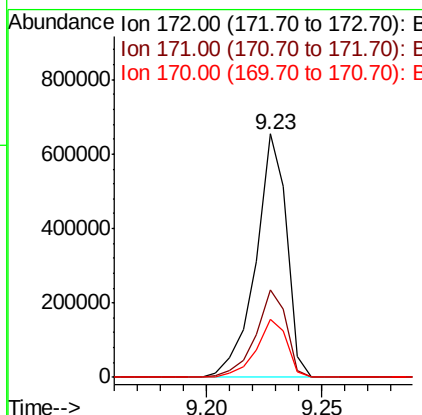
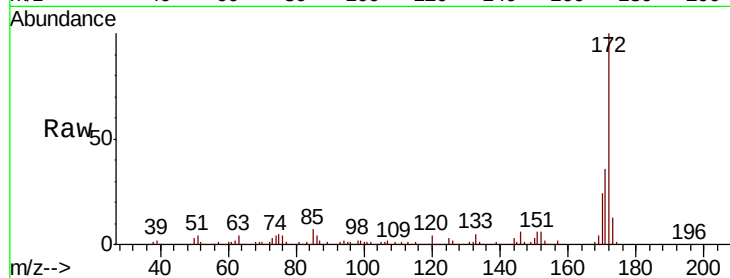
#45
2-Fluorobiphenyl
Concen: 68.429 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	608488		
171	36.0		28.9	43.3
170	23.8		19.4	29.0

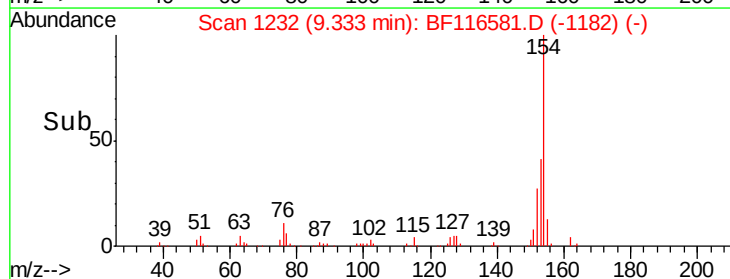
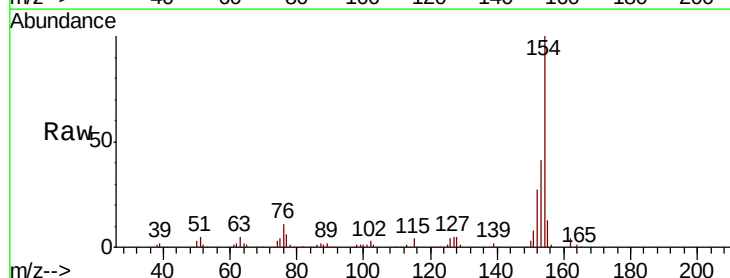
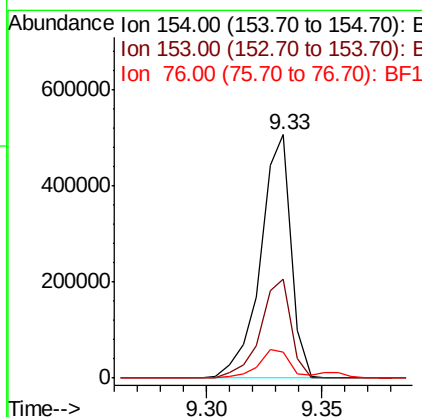
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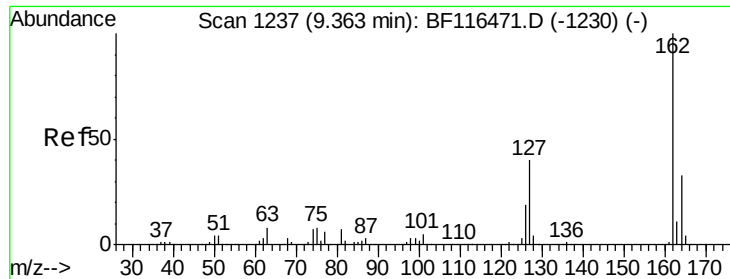
mohammad
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#46
1,1'-Biphenyl
Concen: 40.717 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	466177		
153	40.7		21.3	61.3
76	10.9		0.0	32.9





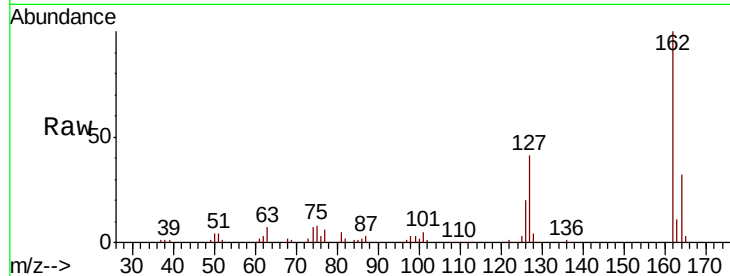
#47
2-Chloronaphthalene
Concen: 40.564 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

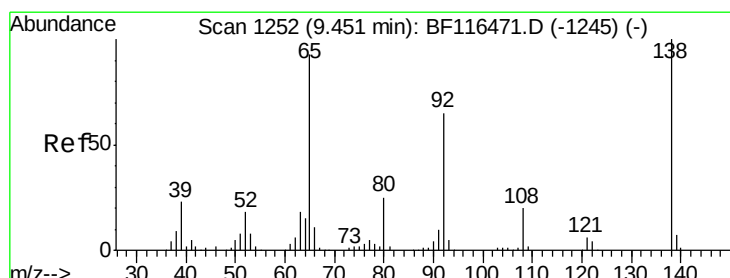
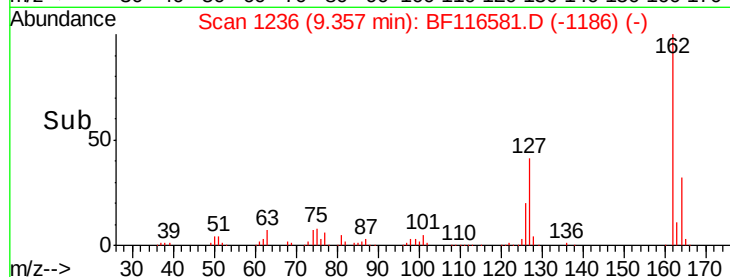
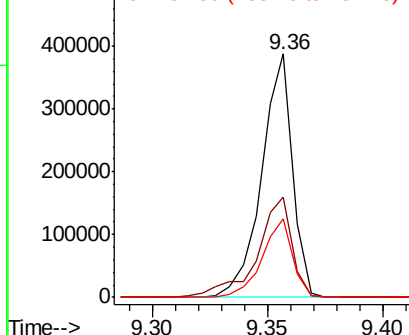
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.5	48.7
164	32.5	26.7	40.1

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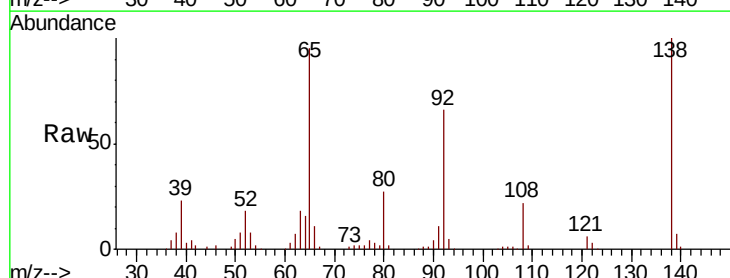


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

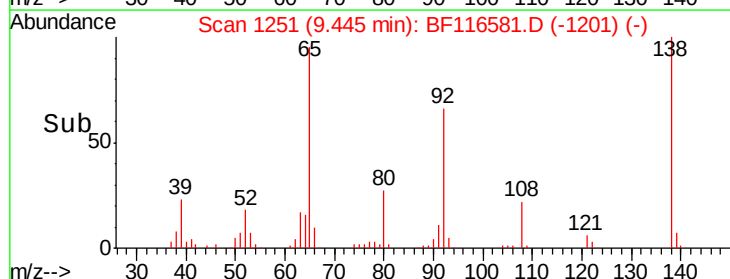
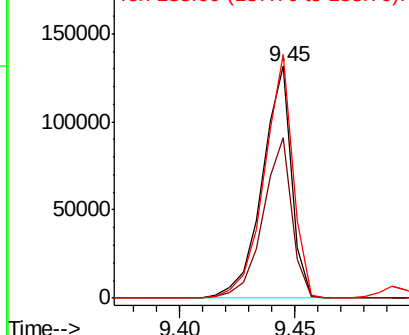


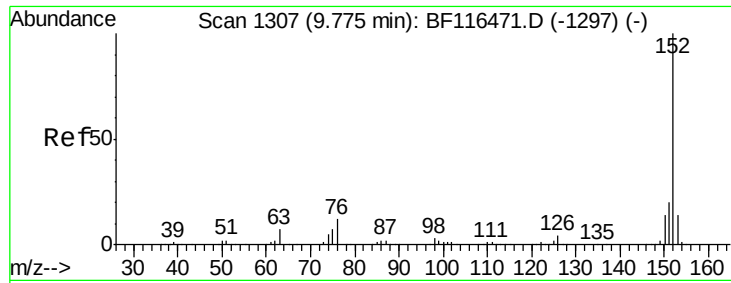
#48
2-Nitroaniline
Concen: 42.449 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	56.2	84.2
138	105.2	86.0	129.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.921 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

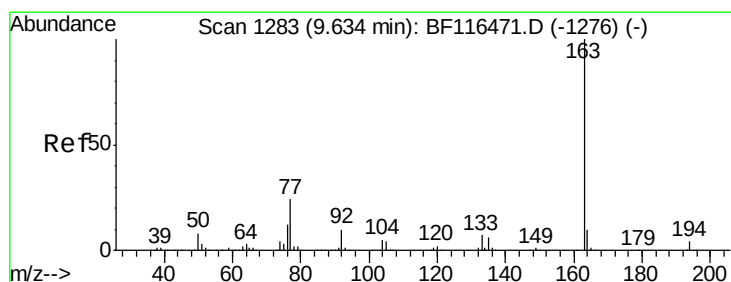
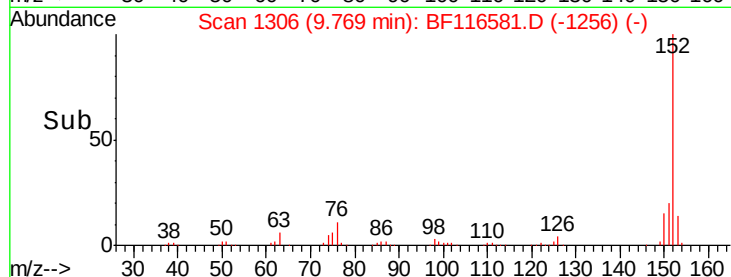
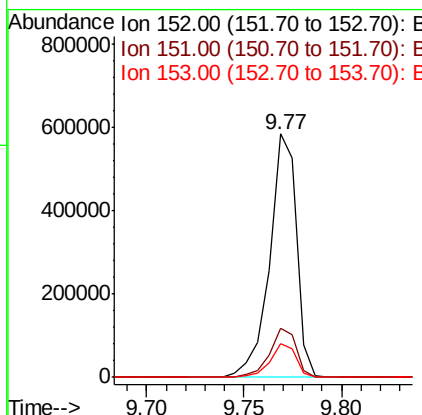
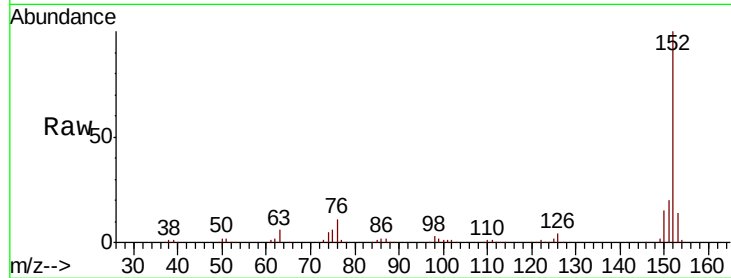
ClientSampleId :

PB122453BS

Tot Ion:	152	Resp:	557370
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.1	24.1
153	13.7	11.4	17.0

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#50

Dimethylphthalate

Concen: 40.857 ng

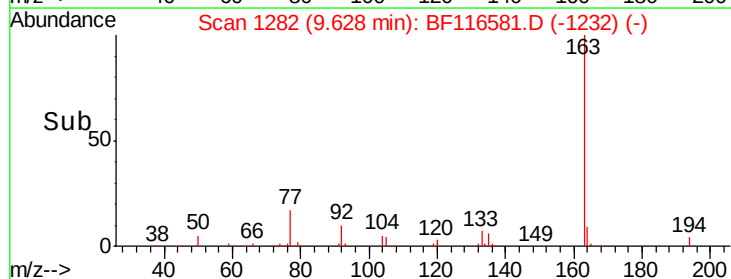
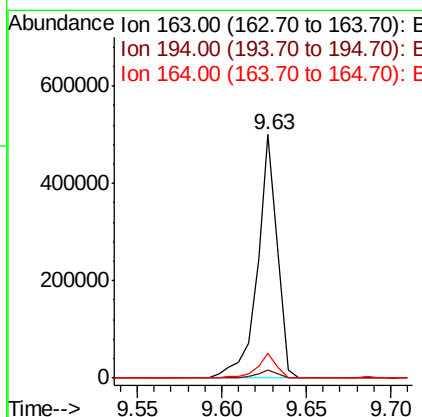
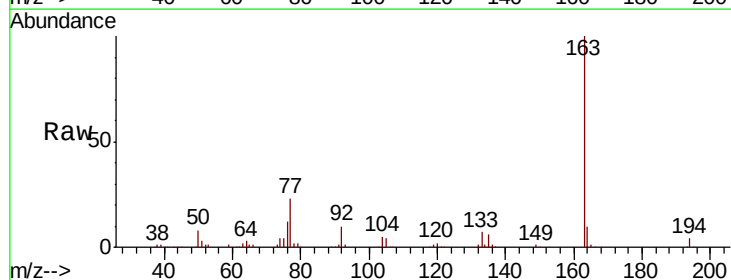
RT: 9.63 min Scan# 1282

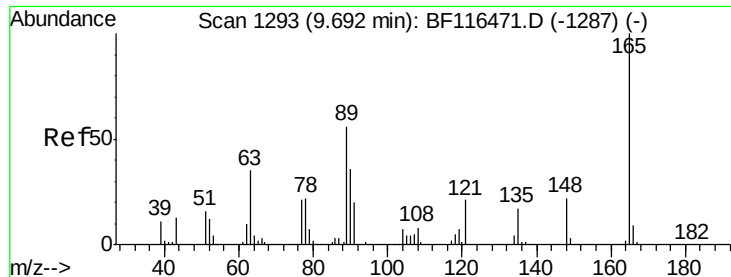
Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Tgt Ion:	163	Resp:	408215
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.9	4.3
164	10.2	8.2	12.2





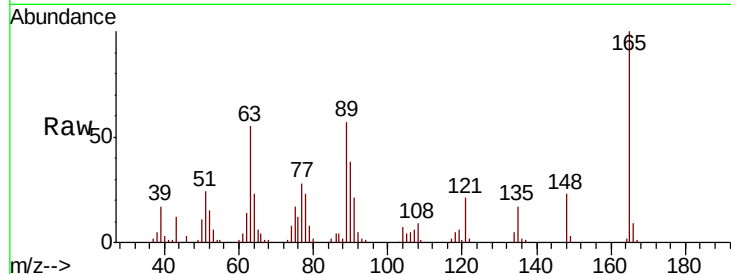
#51
2,6-Dinitrotoluene
Concen: 45.060 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampled :
PB122453BS

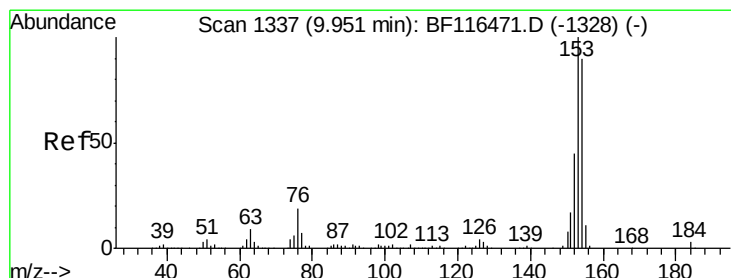
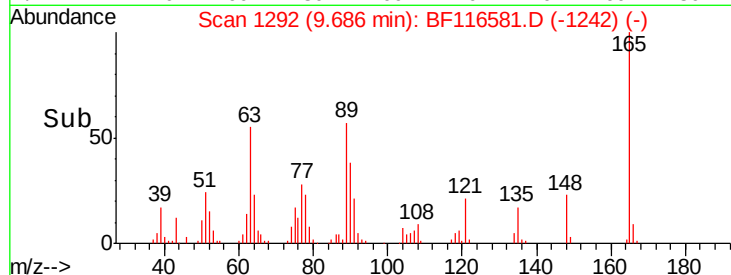
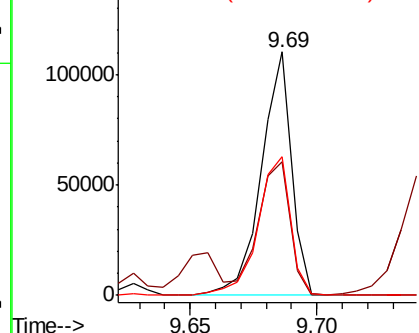
Tot Ion:	165	Resp:	92150
Ion Ratio	Lower	Upper	
165	100		
63	54.7	43.7	65.5
89	57.0	45.1	67.7

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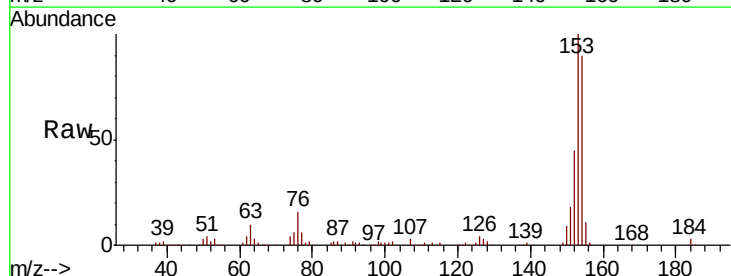


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

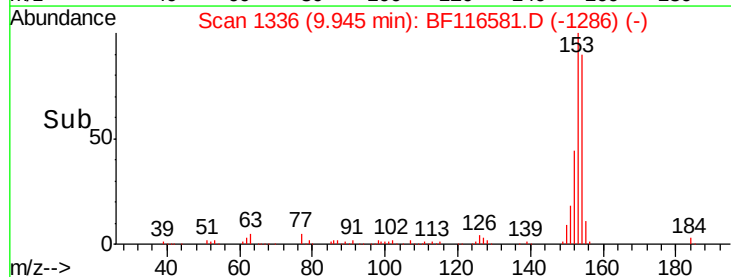
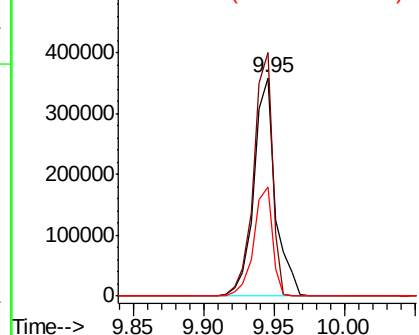


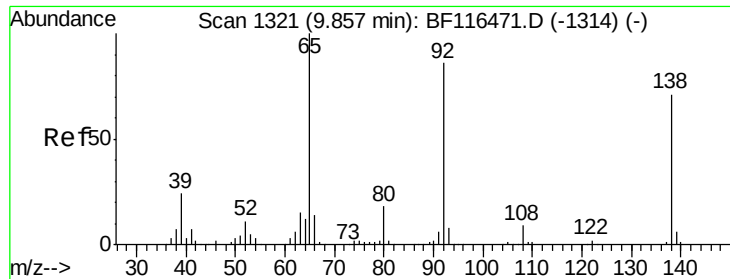
#52
Acenaphthene
Concen: 46.008 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion:	154	Resp:	383376
Ion Ratio	Lower	Upper	
154	100		
153	111.5	89.3	133.9
152	50.0	40.2	60.4



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





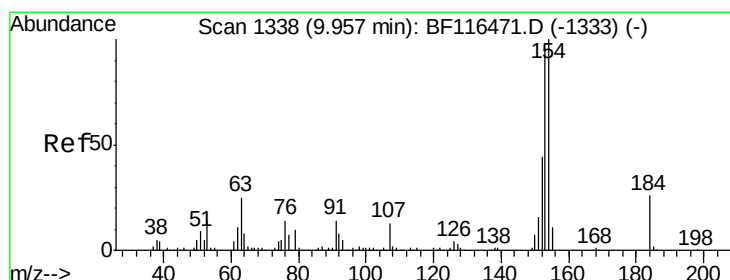
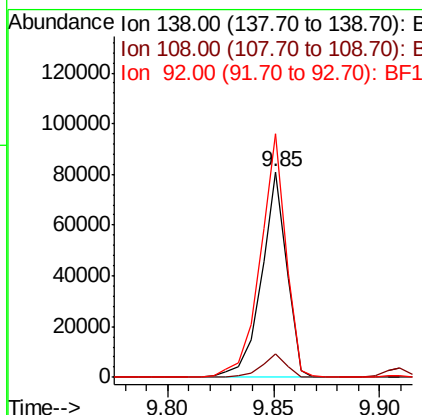
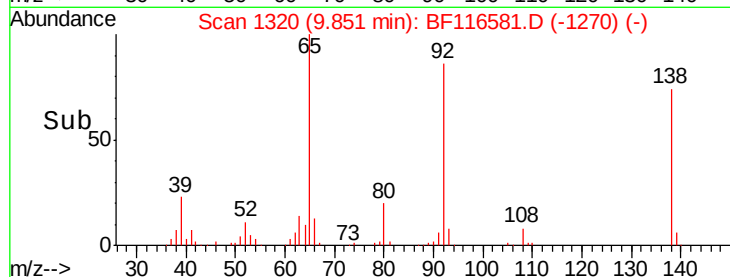
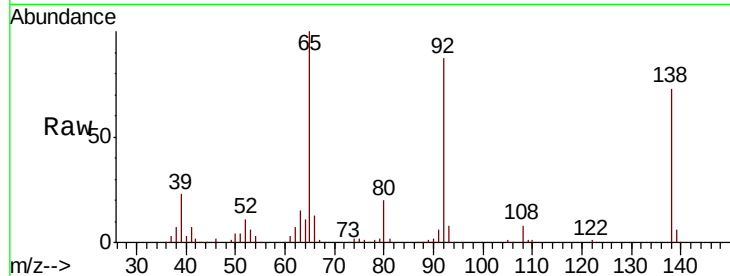
#53
 3-Nitroaniline
 Concen: 27.614 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122453BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	10.0	15.0
92	118.4	97.7	146.5

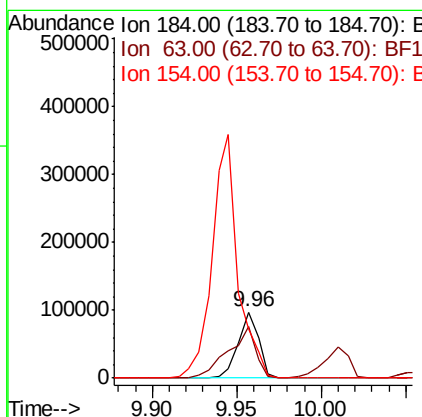
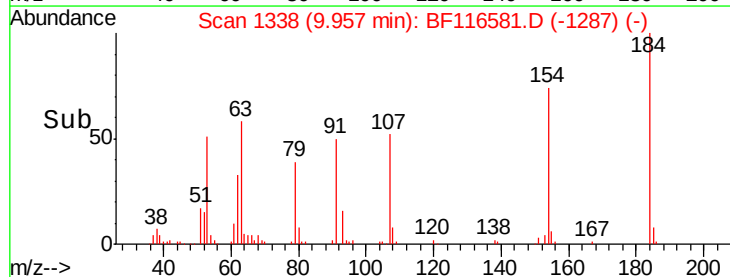
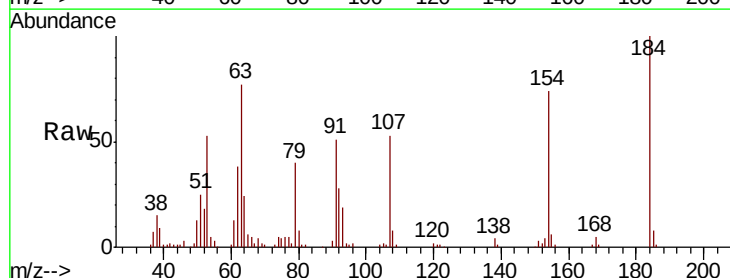
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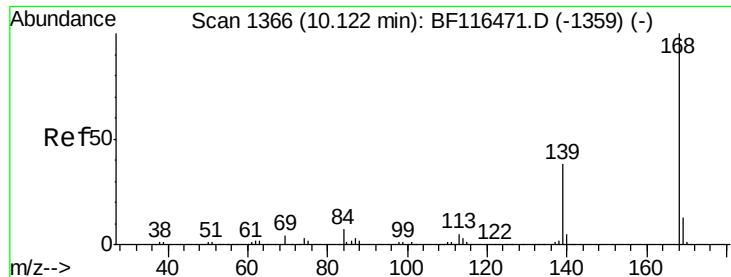
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#54
 2,4-Dinitrophenol
 Concen: 100.353 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.5	78.2	117.4#
154	73.9	320.4	480.6#





#55

Dibenzofuran

Concen: 42.317 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

ClientSampleId :

PB122453BS

Tot Ion:168 Resp: 491538

Ion Ratio Lower Upper

168 100

139 40.9 30.7 46.1

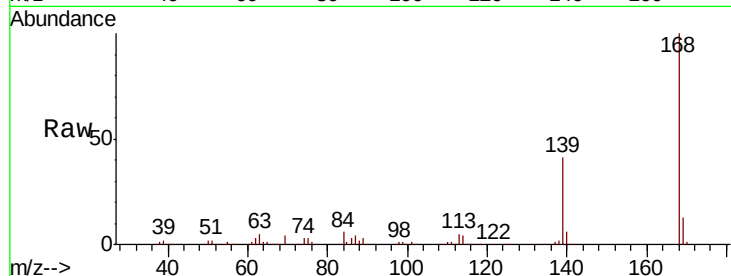
169 13.4 10.7 16.1

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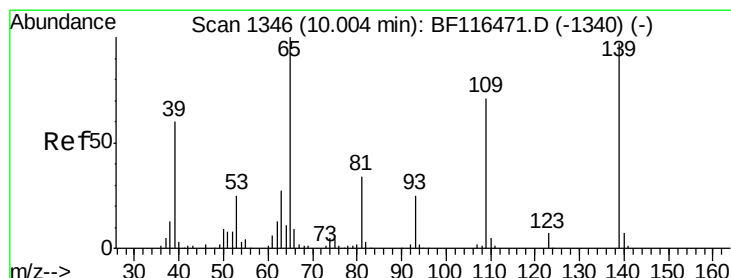
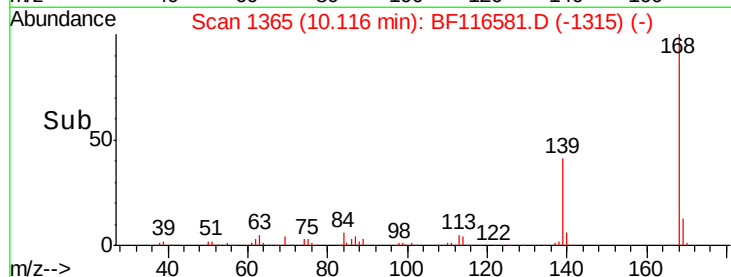
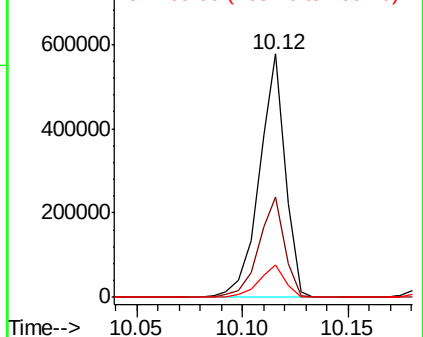
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.641 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

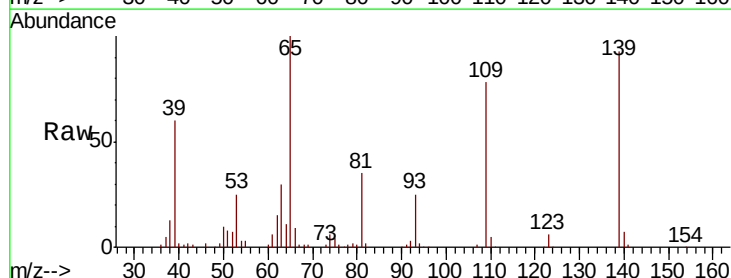
Tgt Ion:139 Resp: 154686

Ion Ratio Lower Upper

139 100

109 84.2 53.4 93.4

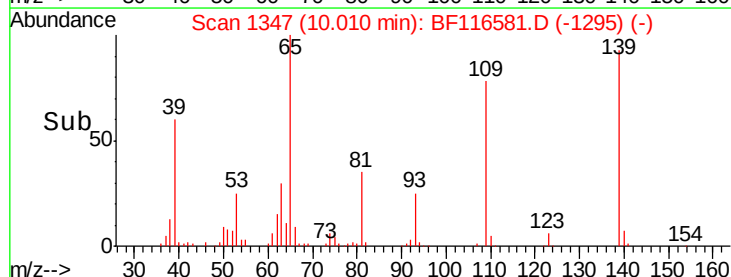
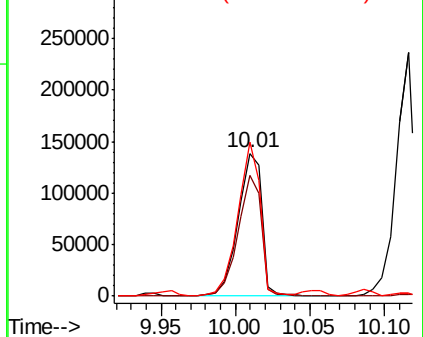
65 107.6 83.0 123.0

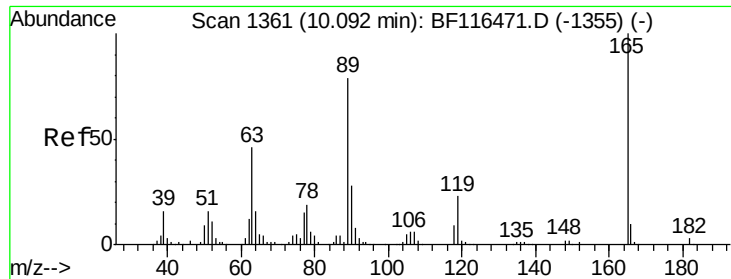


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





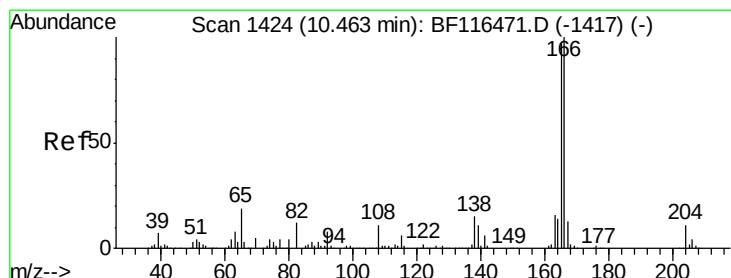
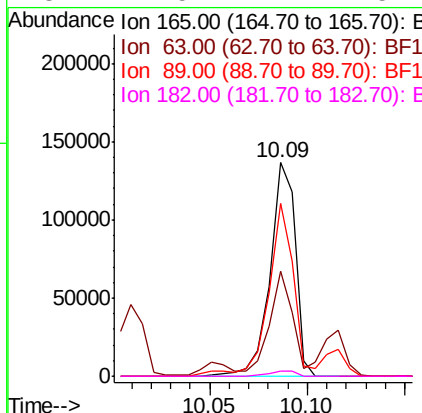
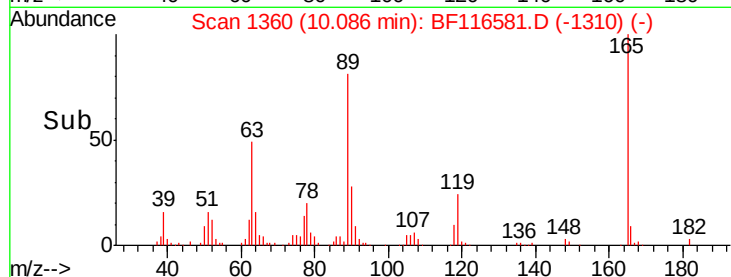
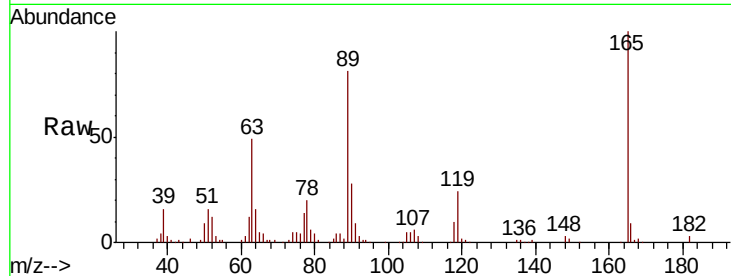
#57
 2,4-Dinitrotoluene
 Concen: 47.106 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122453BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		122582		
63	49.3	36.9	55.3		
89	81.2	63.4	95.0		
182	2.5	2.1	3.1		

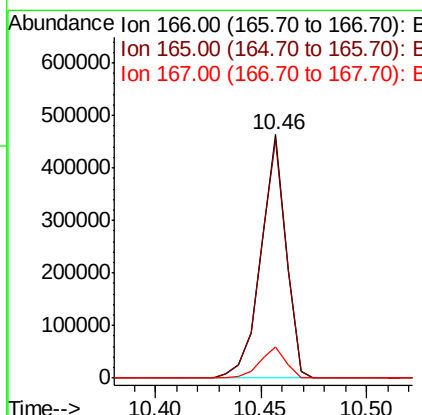
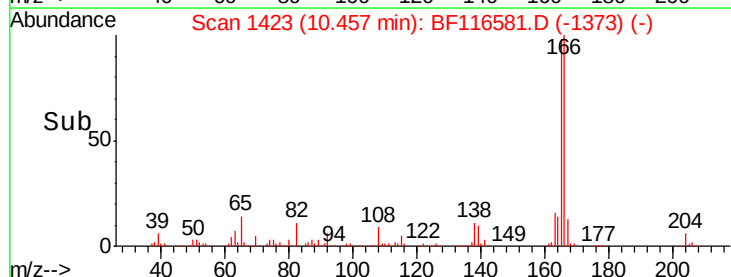
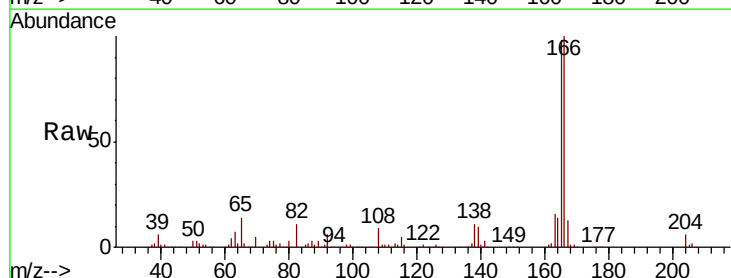
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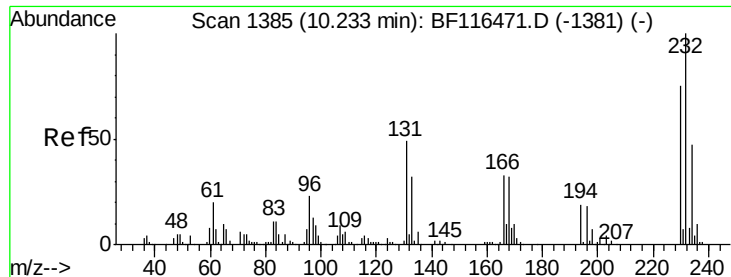
mohammad
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#58
 Fluorene
 Concen: 42.665 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		385034		
165	97.8	77.4	116.0		
167	13.0	10.8	16.2		





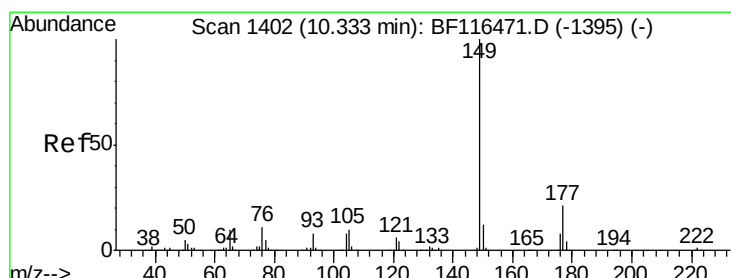
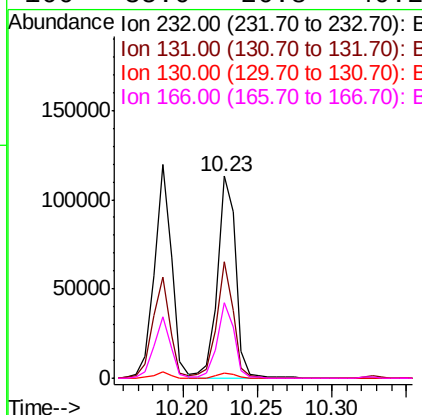
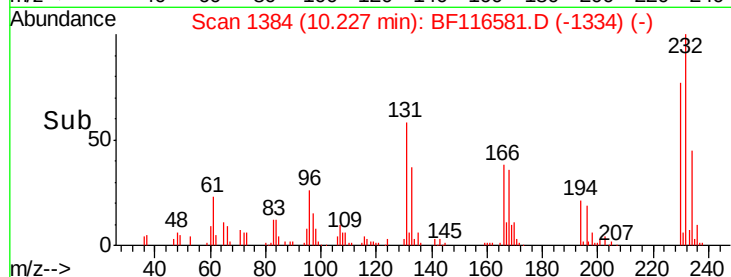
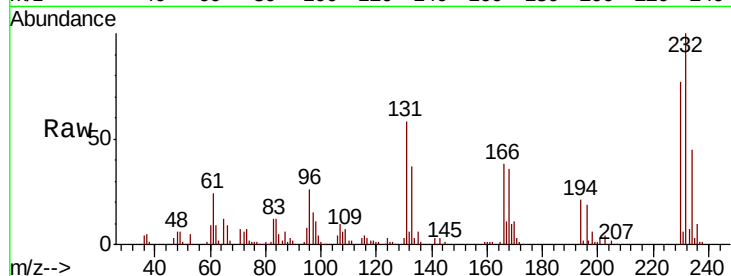
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.381 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122453BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.3	40.8	61.2
130	2.5	1.8	2.8
166	35.0	26.8	40.2

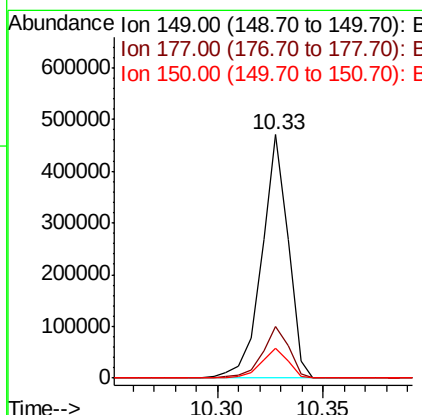
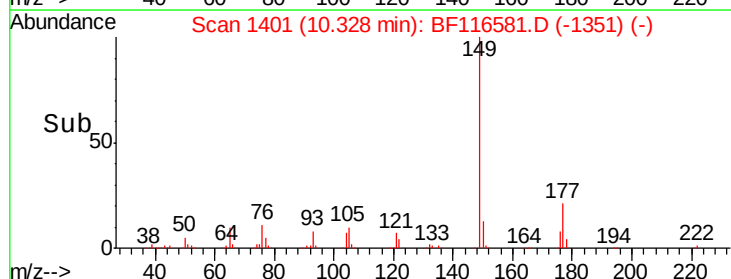
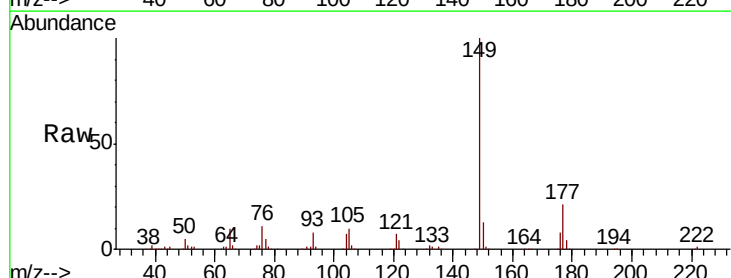
Manual Integrations
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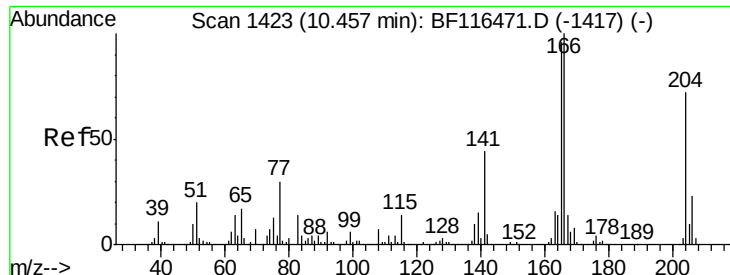
mohammad
 8/29/2019 7:54:45 AM



#60
 Diethylphthalate
 Concen: 41.601 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.5	9.8	14.6





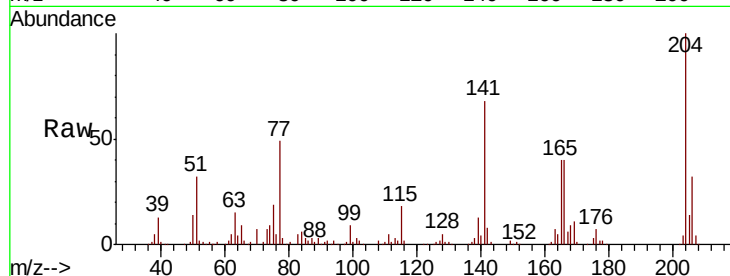
#61
4-Chlorophenyl-phenylether
Concen: 42.865 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampled :
PB122453BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.9	38.9
141	68.0	48.6	73.0

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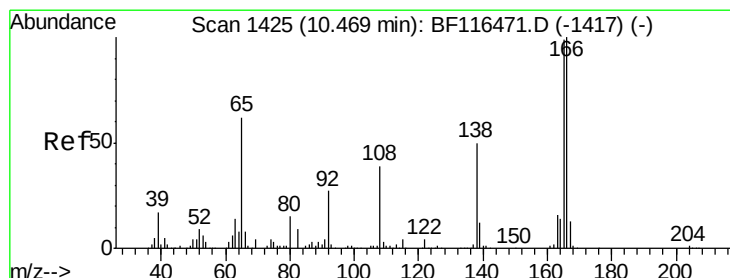
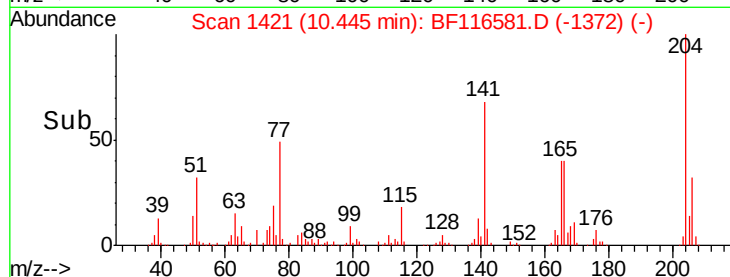
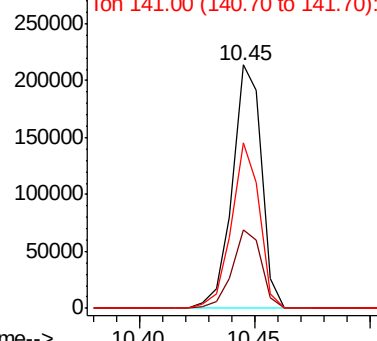


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.034 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

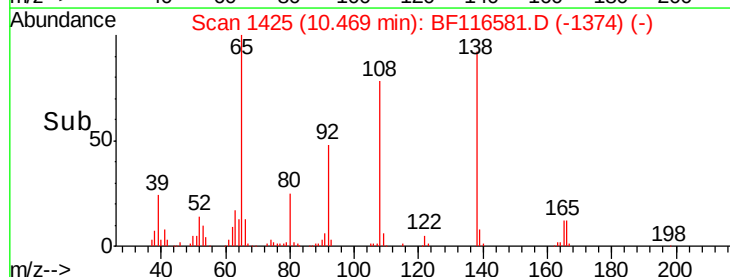
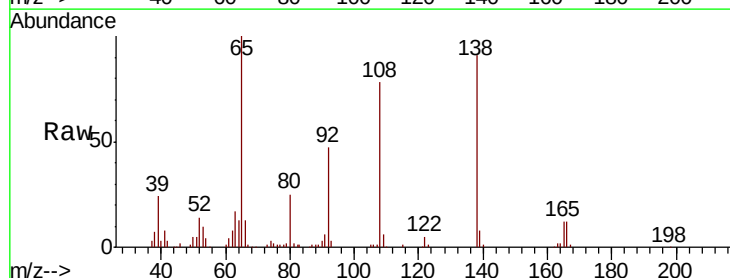
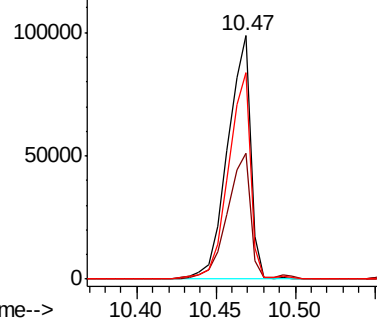
Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.9	34.9	74.9
108	84.8	57.7	97.7

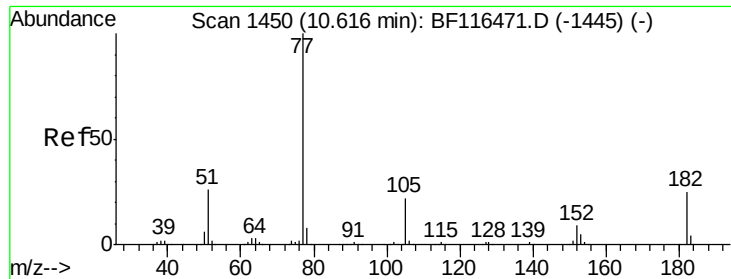
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





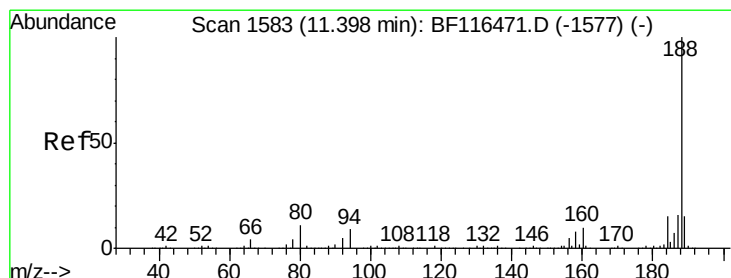
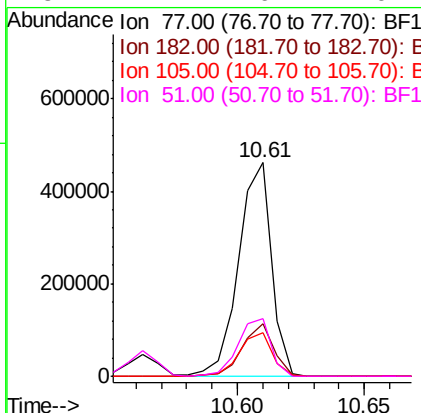
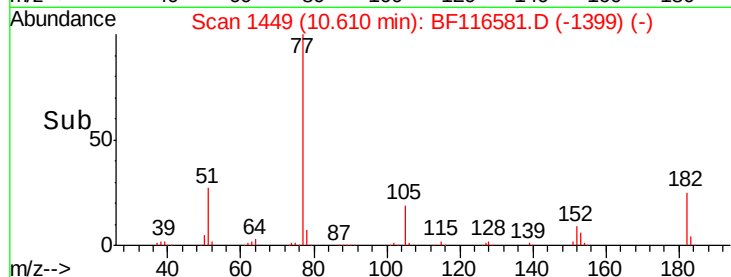
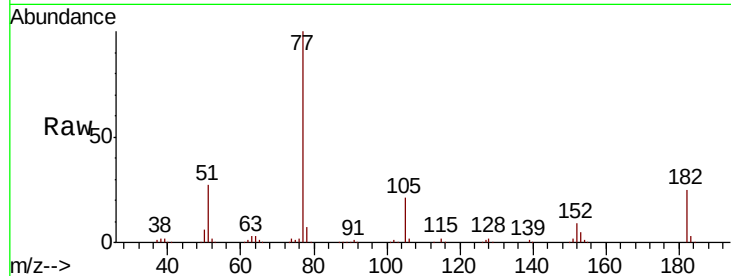
#63
Azobenzene
Concen: 41.243 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	24.8	5.4	45.4		
105	20.5	1.6	41.6		
51	27.1	6.2	46.2		

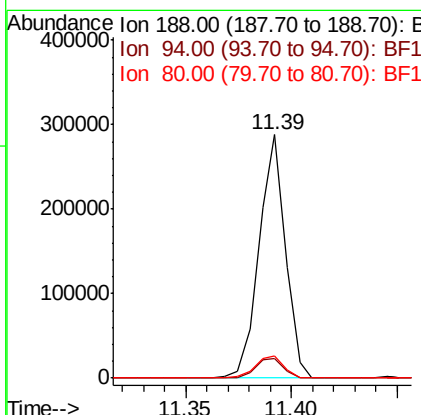
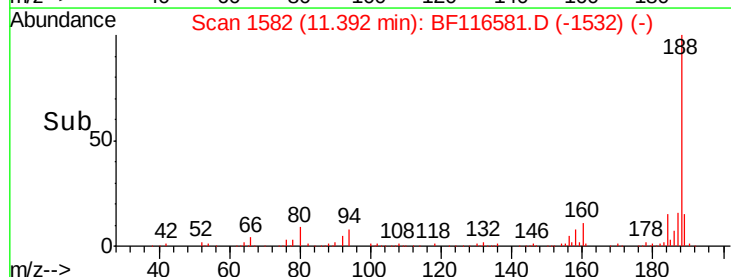
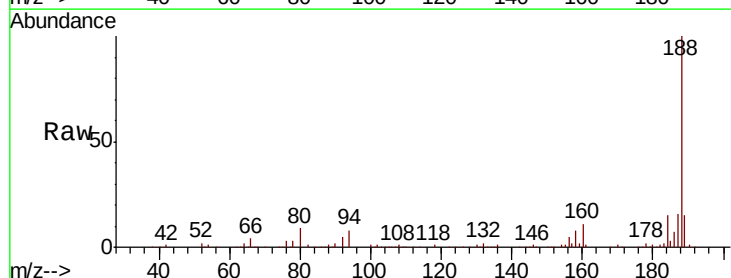
Manual Integrations
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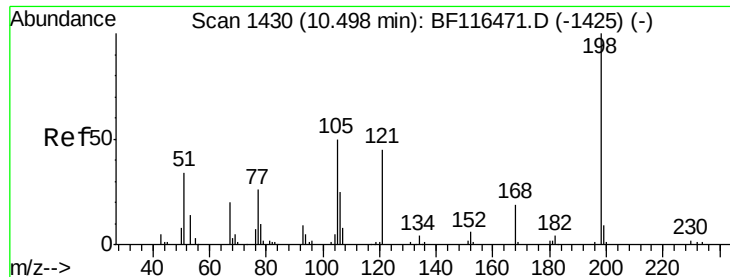
mohammad
8/29/2019 7:54:45 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.3	7.4	11.2		
80	9.2	8.6	12.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 54.796 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

ClientSampleId :

PB122453BS

Tot Ion:198 Resp: 57439

Ion Ratio Lower Upper

198 100

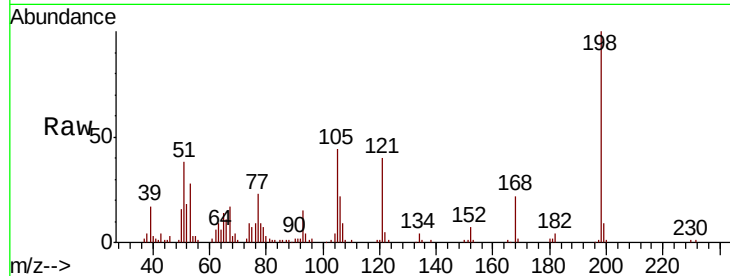
51 37.7 30.4 70.4

105 43.5 32.8 72.8

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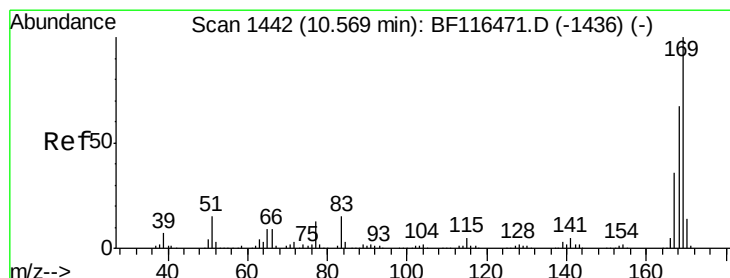
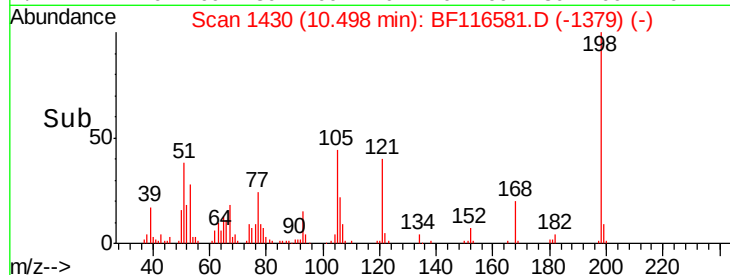
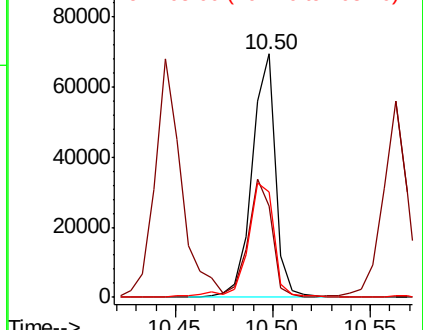
8/29/2019 7:54:45 AM



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: 41.224 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

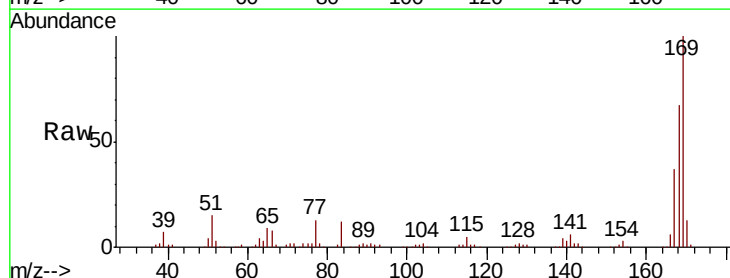
Tgt Ion:169 Resp: 334149

Ion Ratio Lower Upper

169 100

168 66.8 53.6 80.4

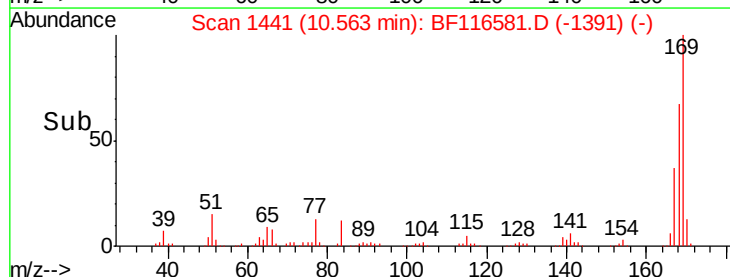
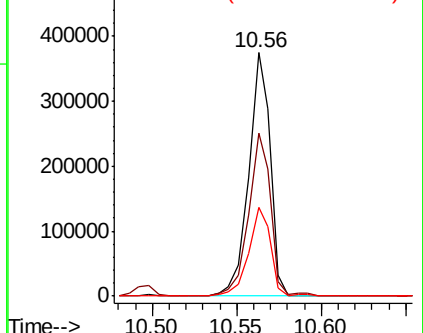
167 36.7 28.7 43.1

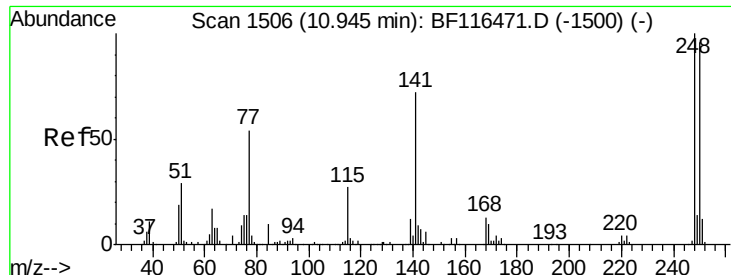


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





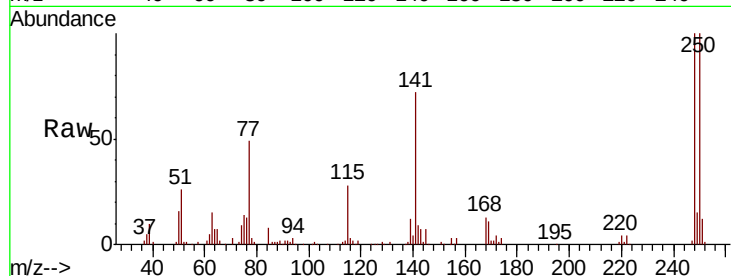
#67
 4-Bromophenyl-phenylether
 Concen: 40.845 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122453BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	77.0	115.6
141	72.0	57.4	86.0

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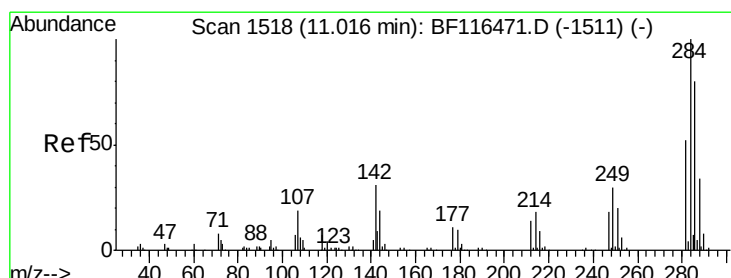
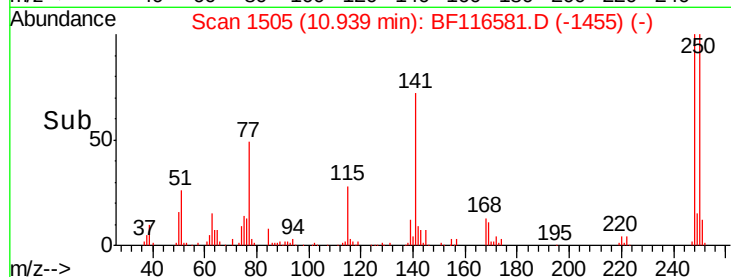
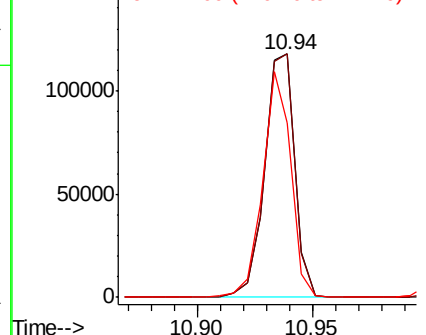


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.886 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

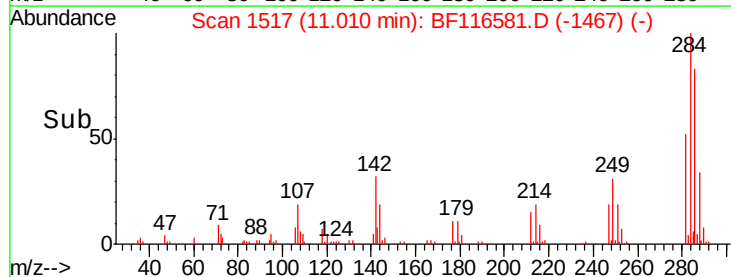
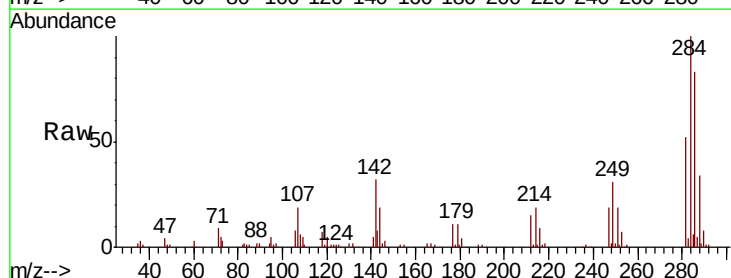
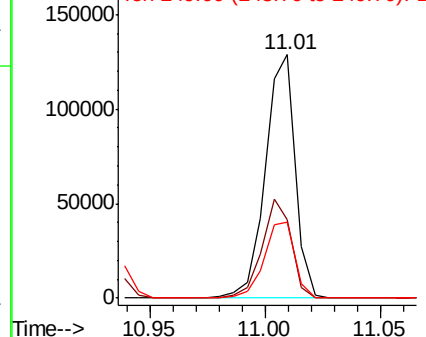
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	24.6	36.8
249	30.9	24.1	36.1

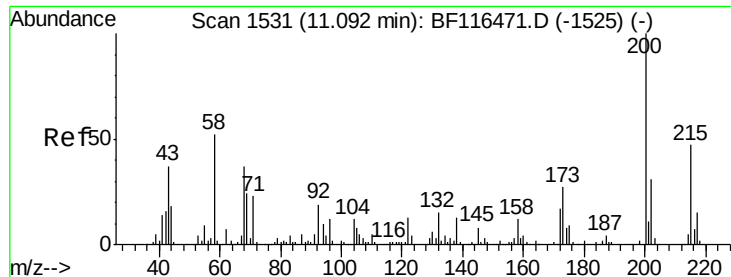
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





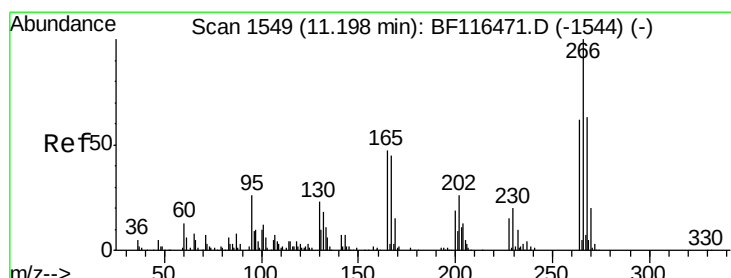
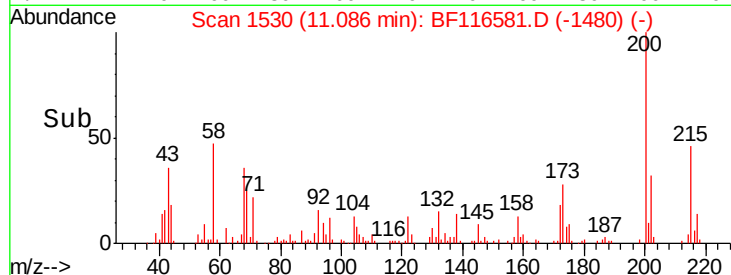
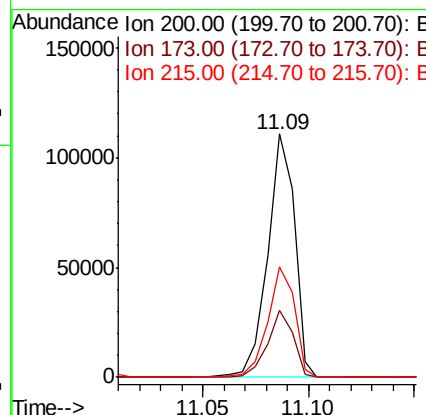
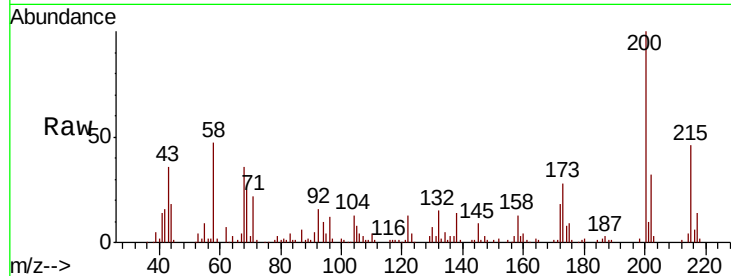
#69
Atrazine
Concen: 40.710 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampled :
PB122453BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.3	47.3
215	45.6	26.7	66.7

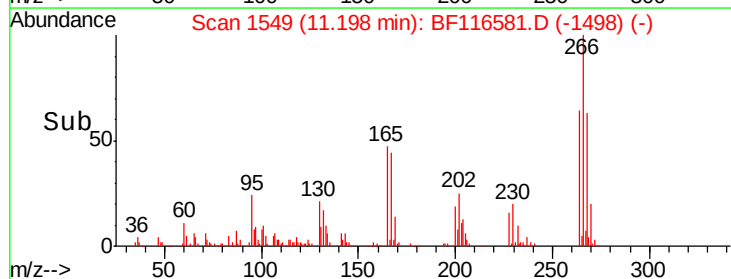
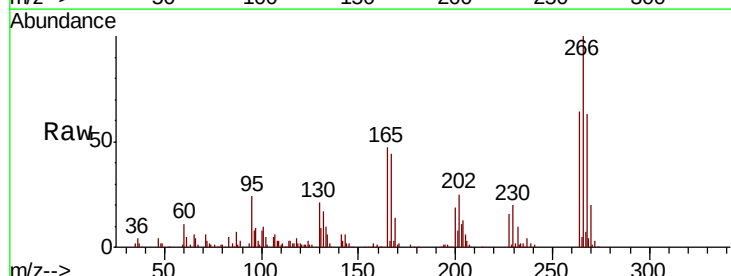
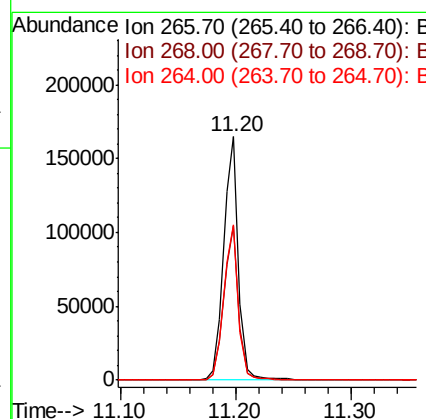
Manual Integrations
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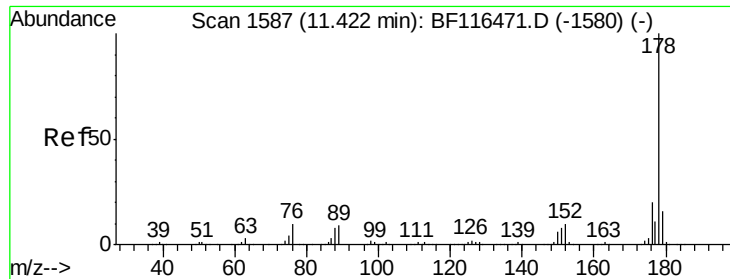
mohammad
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#70
Pentachlorophenol
Concen: 85.823 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.7	76.1
264	63.7	50.0	75.0





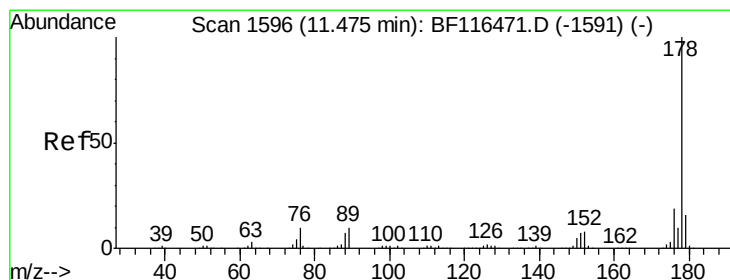
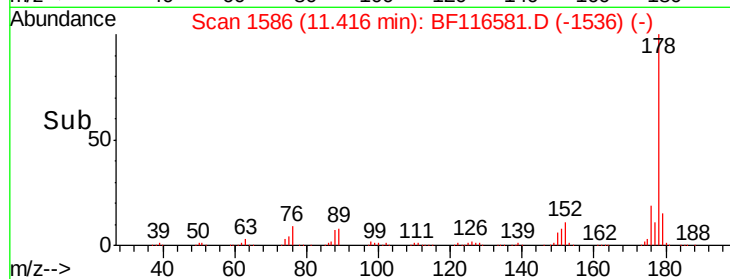
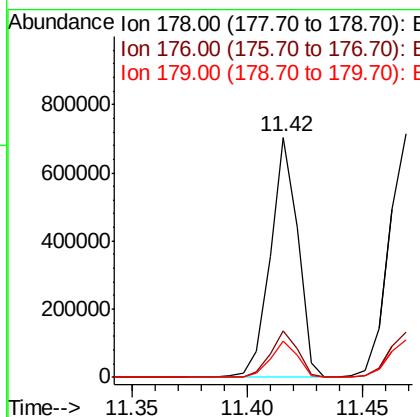
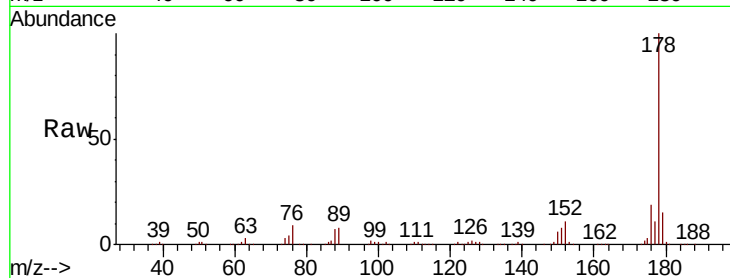
#71
Phenanthrene
Concen: 42.416 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.3	12.8	19.2

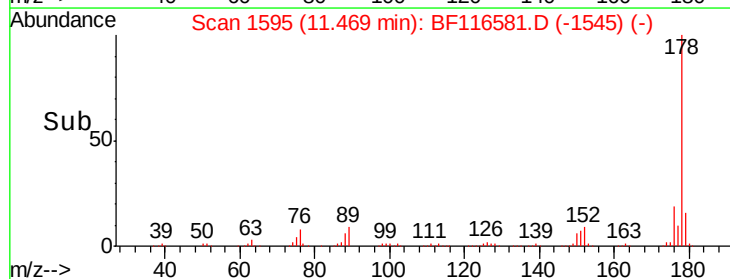
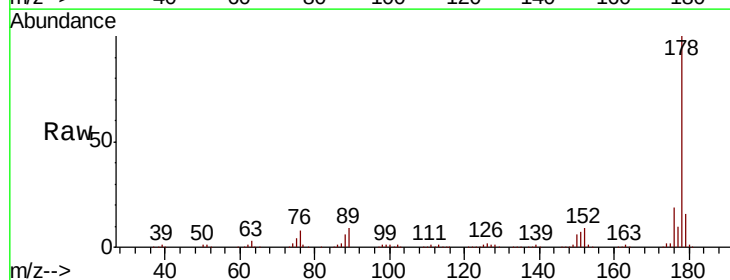
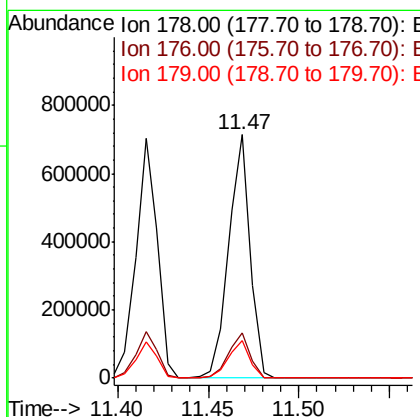
Manual Integrations
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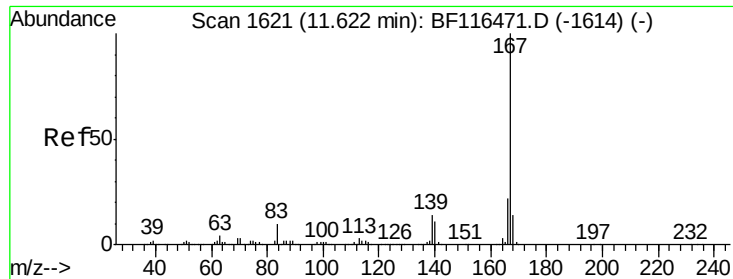
mohammad
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#72
Anthracene
Concen: 42.950 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.7	12.5	18.7





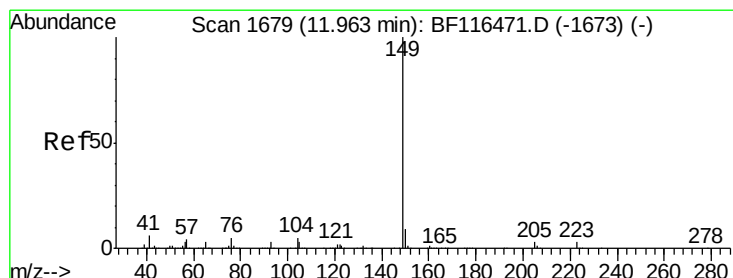
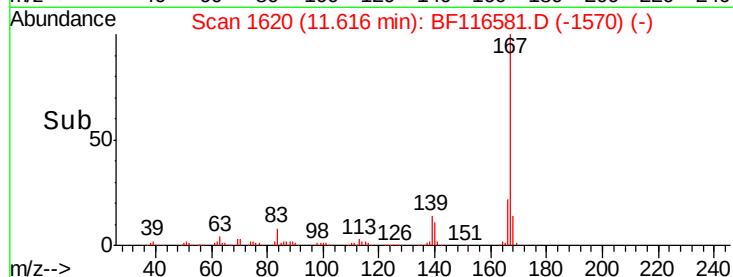
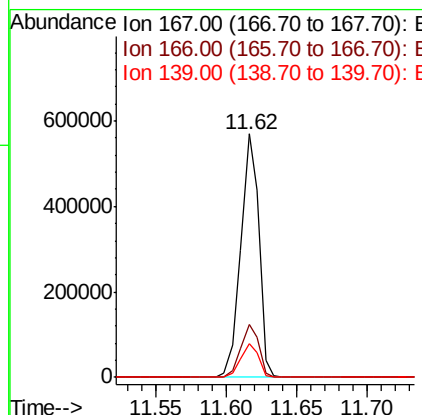
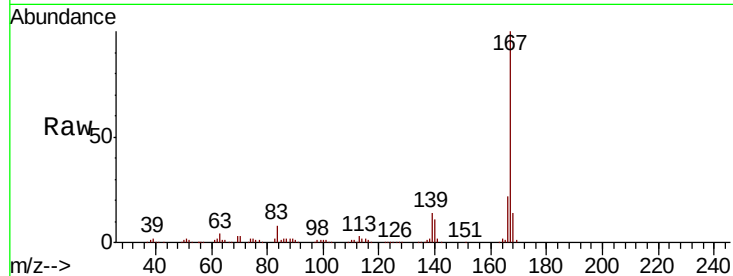
#73
 Carbazole
 Concen: 41.364 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122453BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.7	17.8	26.6	
139	13.8	10.9	16.3	

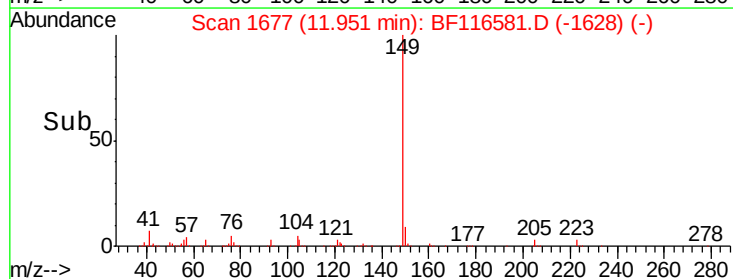
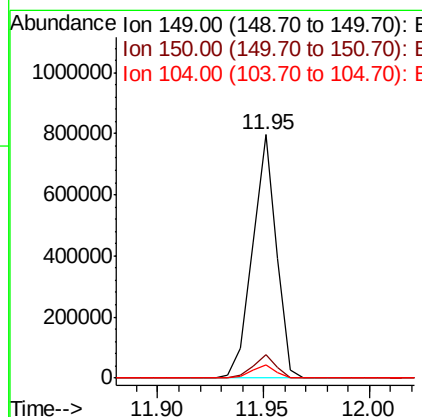
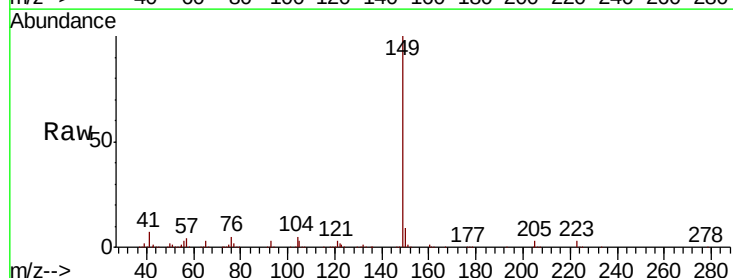
Manual Integrations
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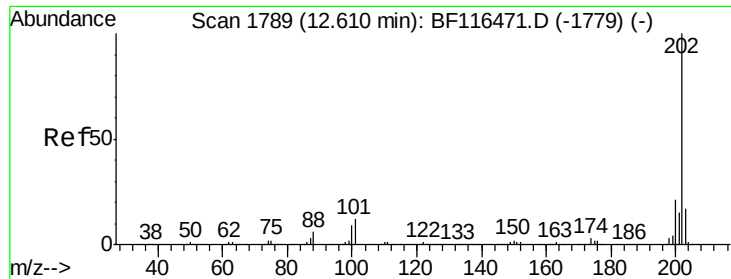
mohammad
 8/29/2019 7:54:45 AM



#74
 Di-n-butylphthalate
 Concen: 40.975 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.5	11.3	
104	5.4	4.1	6.1	





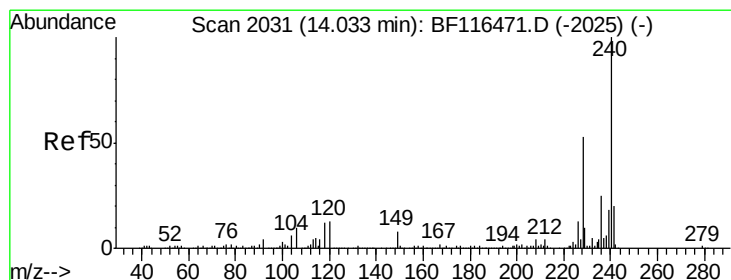
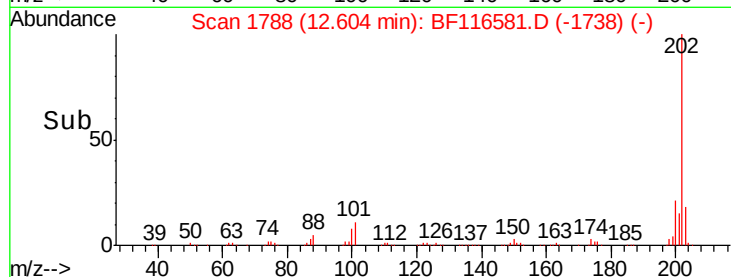
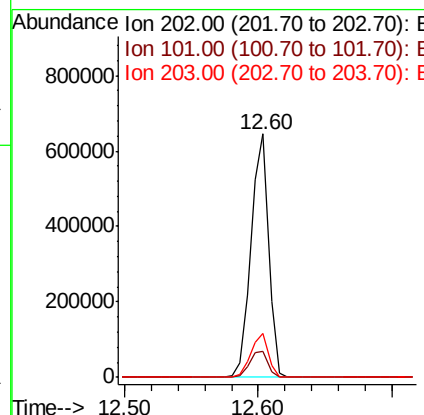
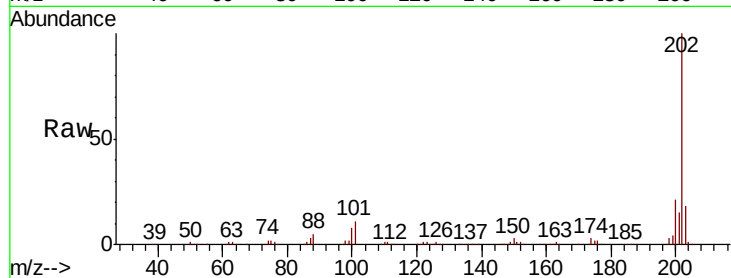
#75
Fluoranthene
Concen: 41.220 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	31.5
203	17.8	0.0	37.5

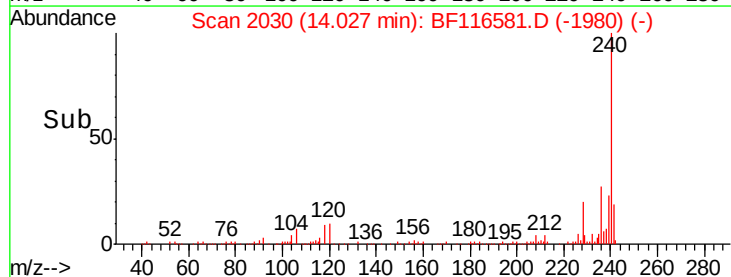
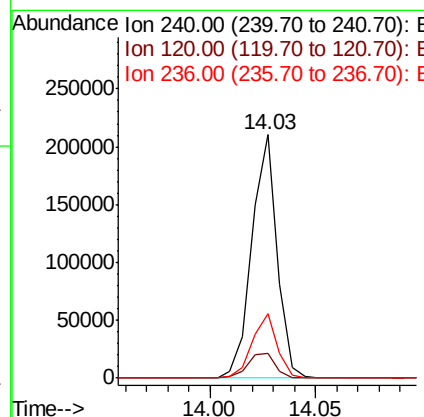
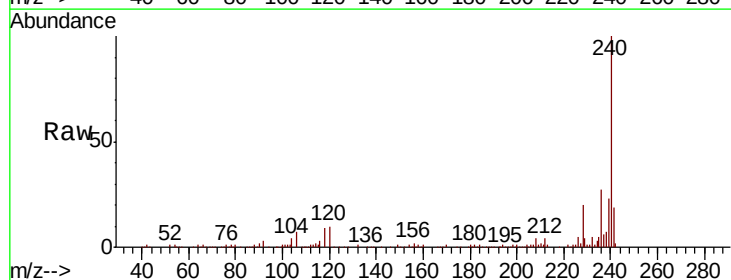
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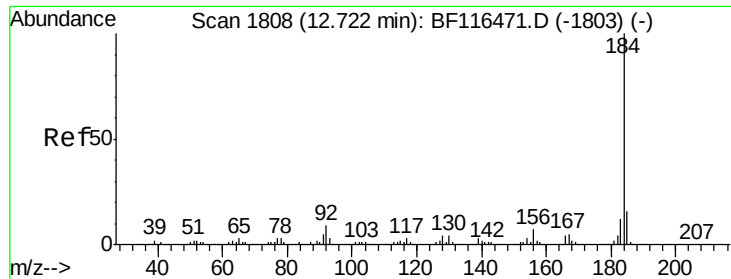
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.4	10.5	15.7#
236	26.6	20.2	30.2





#77

Benzidine

Concen: 38.350 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

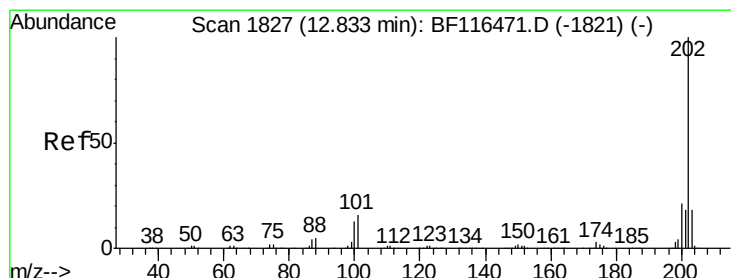
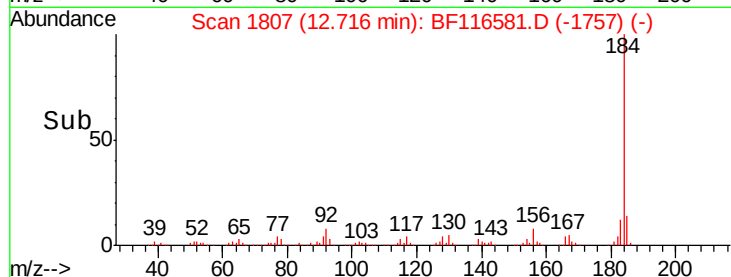
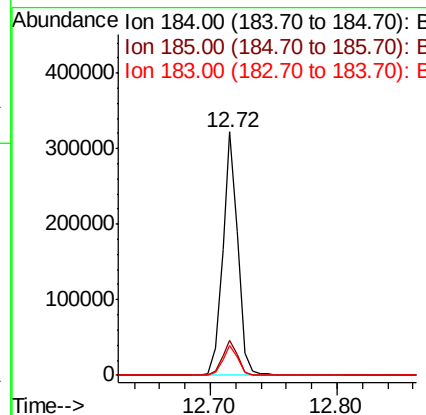
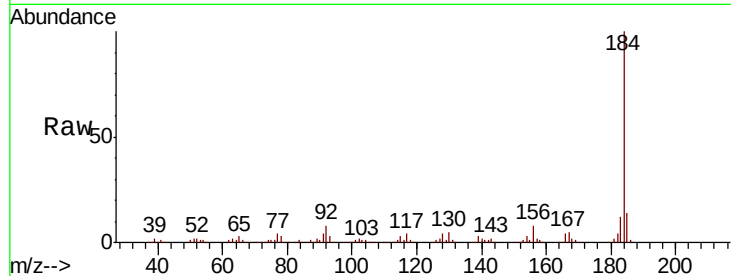
ClientSampleId :

PB122453BS

Tot Ion:	184	Resp:	268645
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.0	19.4
183	12.4	9.8	14.6

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#78

Pyrene

Concen: 42.089 ng

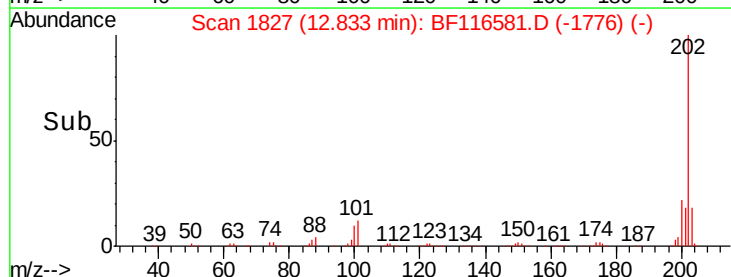
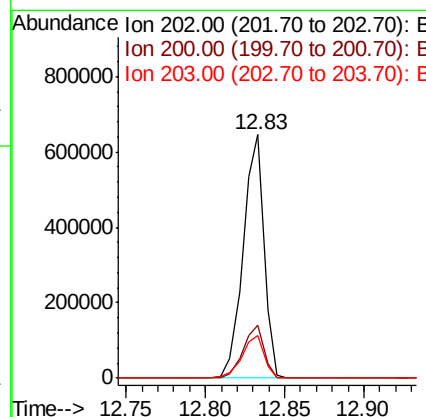
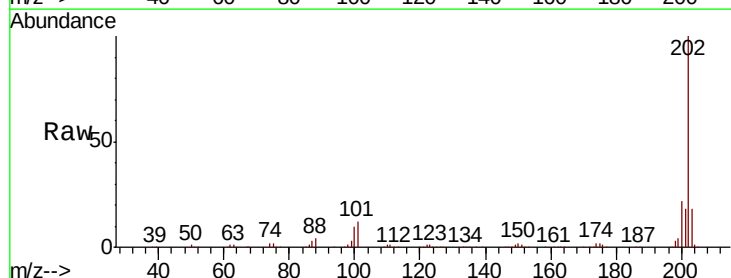
RT: 12.83 min Scan# 1827

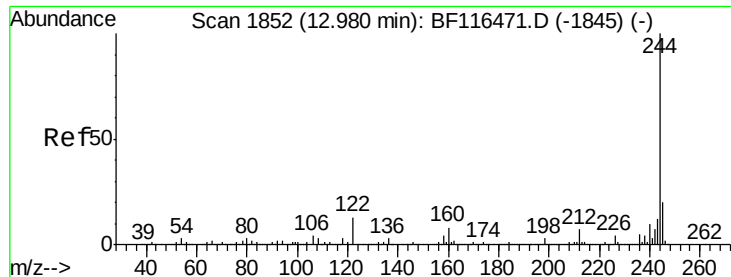
Delta R.T. -0.00 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Tgt Ion:	202	Resp:	586040
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.0	25.4
203	17.7	14.2	21.4





#79

Terphenyl-d14

Concen: 68.480 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

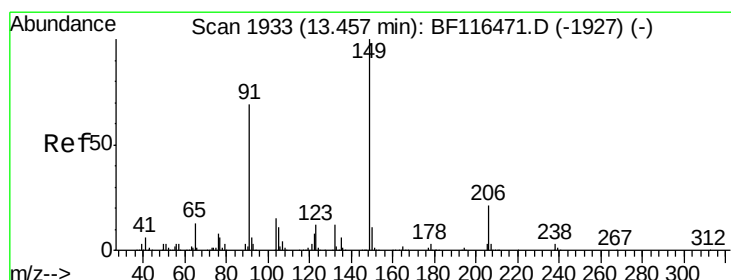
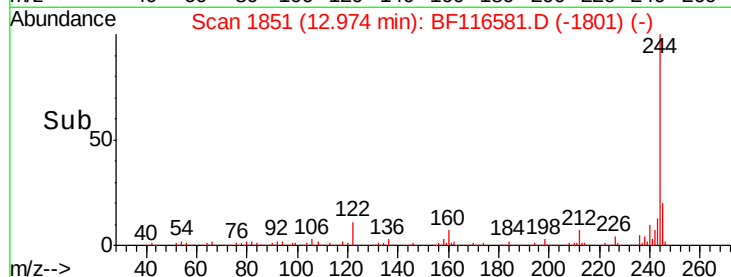
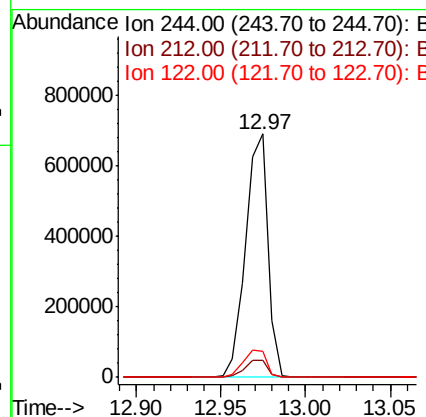
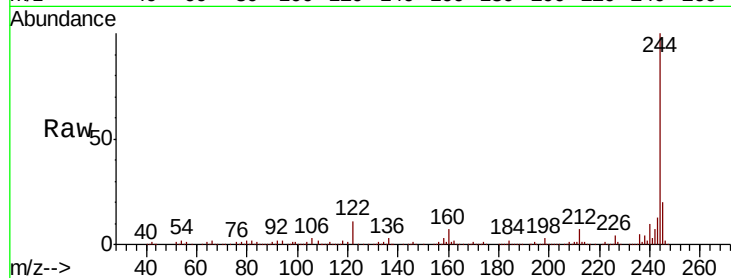
ClientSampleId :

PB122453BS

Tot Ion:	244	Resp:	638315
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.5	10.2	15.4

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#80

Butylbenzylphthalate

Concen: 42.204 ng

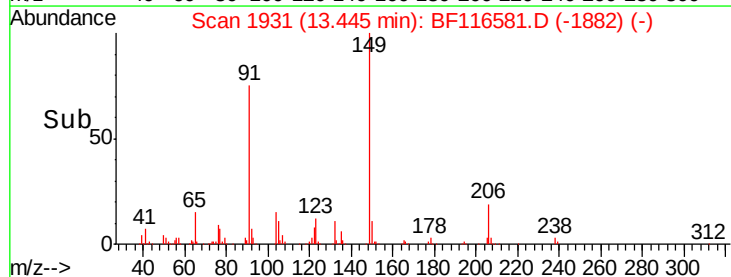
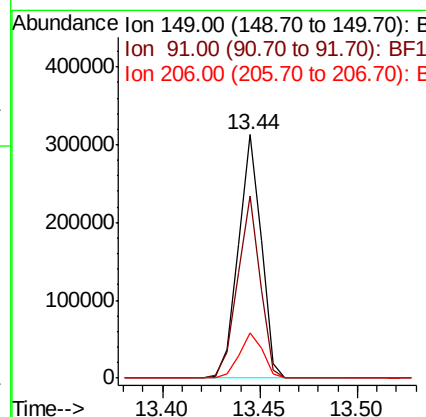
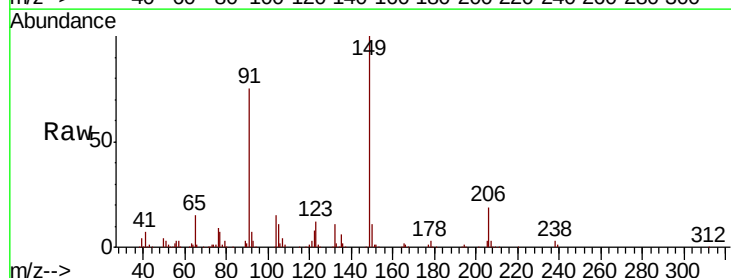
RT: 13.44 min Scan# 1931

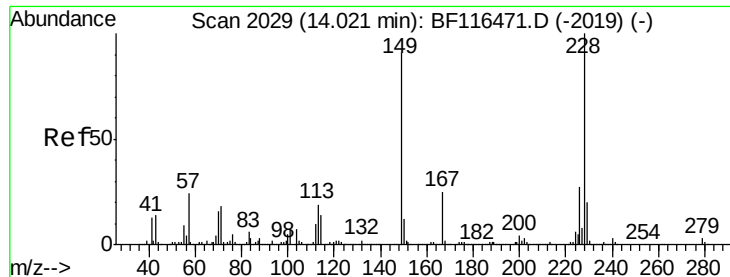
Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Tgt Ion:	149	Resp:	253782
Ion Ratio		Lower	Upper
149	100		
91	75.1	54.9	82.3
206	18.6	16.6	24.8





#81

Benzo(a)anthracene

Concen: 41.273 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

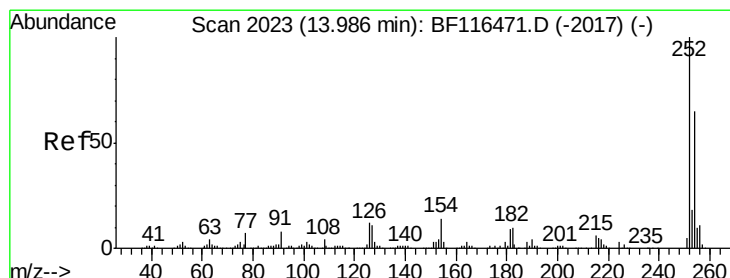
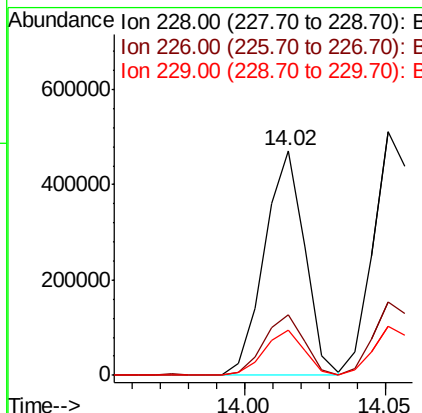
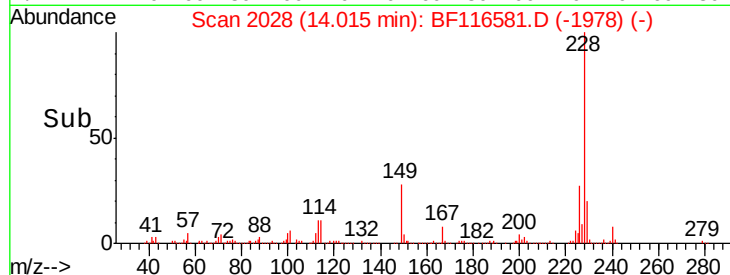
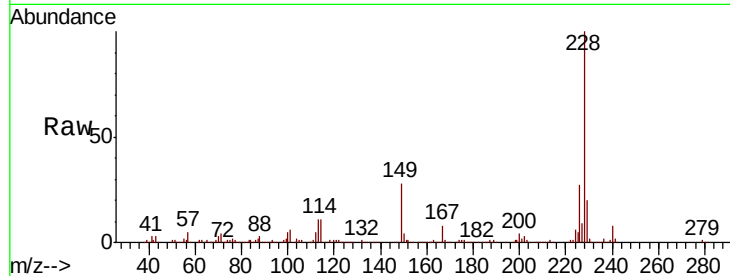
ClientSampleId :

PB122453BS

Tot Ion:	228	Resp:	465414
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.8	32.6
229	20.0	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 29.061 ng

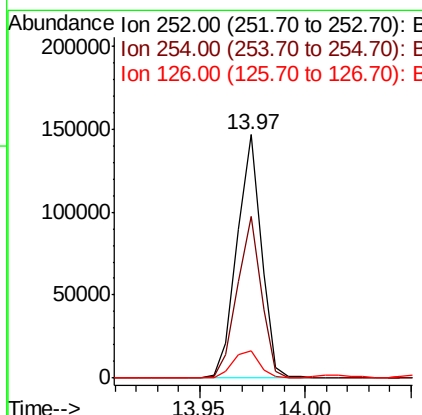
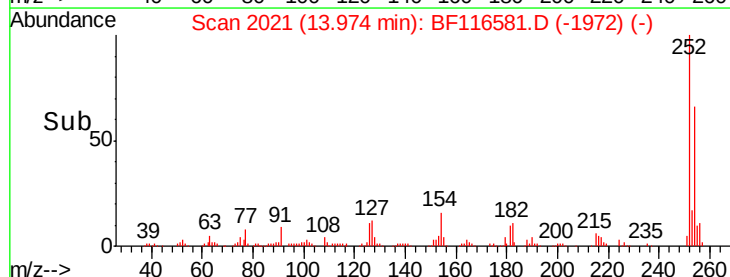
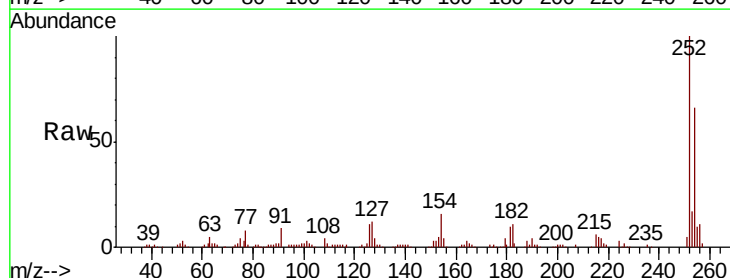
RT: 13.97 min Scan# 2021

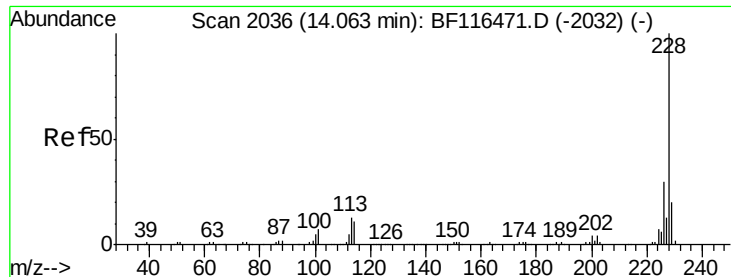
Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Tgt Ion:	252	Resp:	116781
Ion Ratio	Lower	Upper	
252	100		
254	66.5	51.9	77.9
126	11.1	9.4	14.0





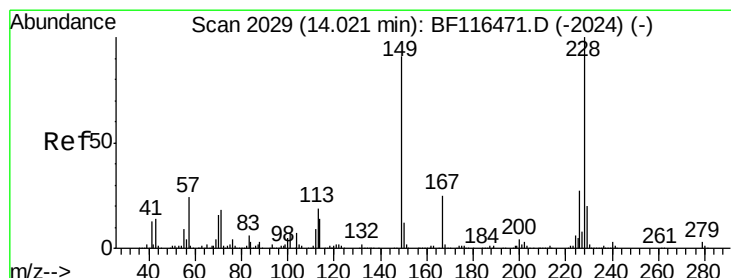
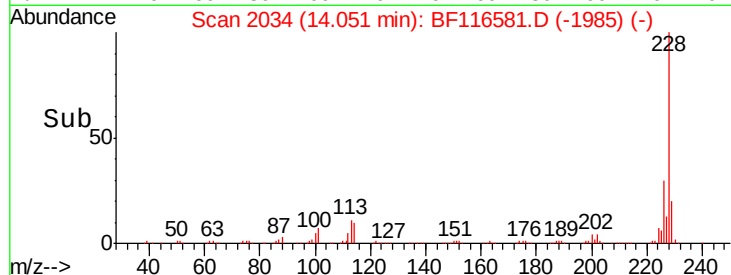
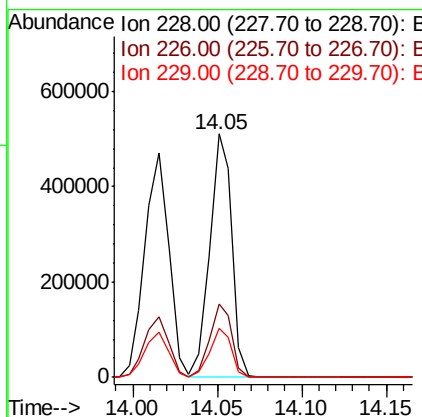
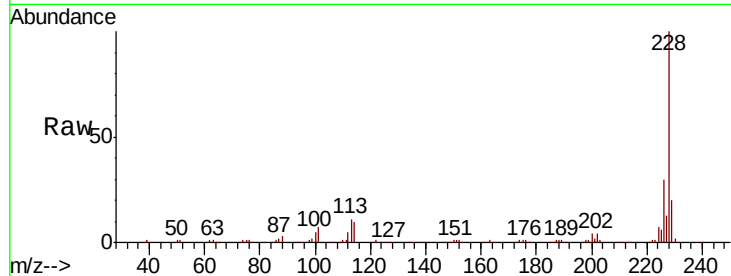
#83
 Chrysene
 Concen: 40.841 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122453BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	466790		
226	30.1		24.2	36.2
229	20.1		15.8	23.6

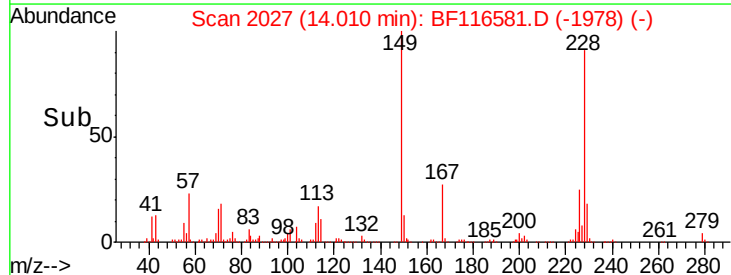
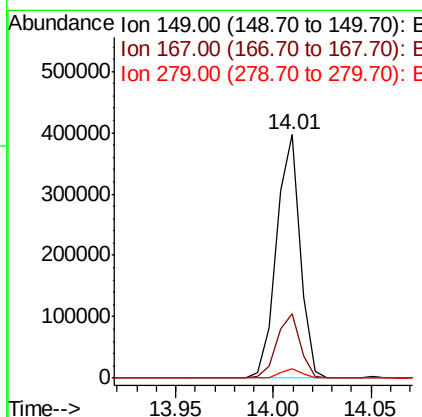
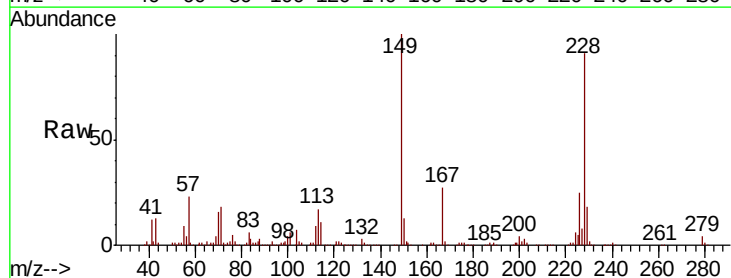
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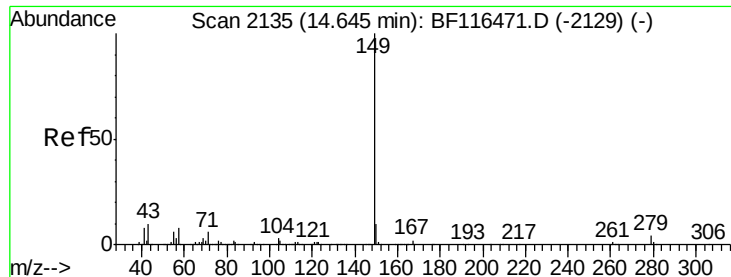
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.327 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	331375		
167	26.6		21.8	32.6
279	3.9		3.0	4.4





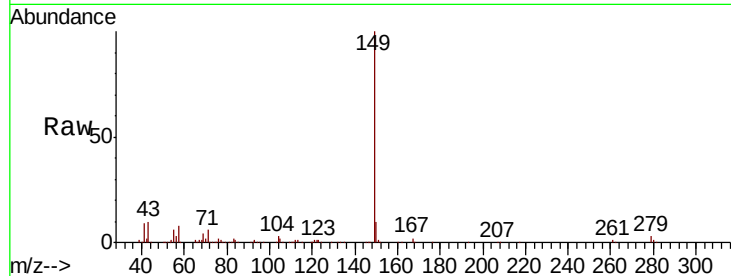
#85
Di-n-octyl phthalate
Concen: 38.233 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.02 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

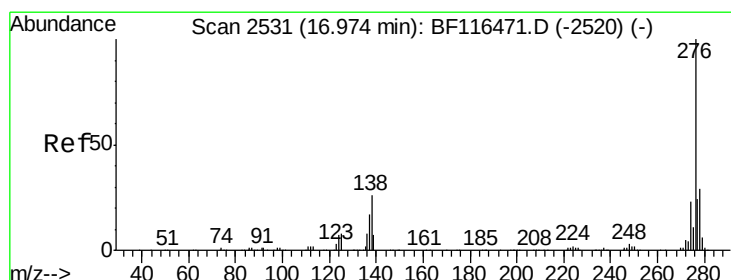
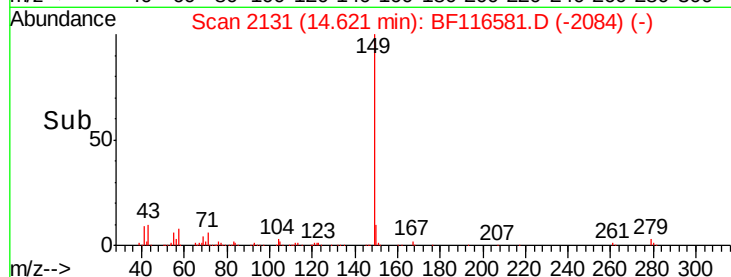
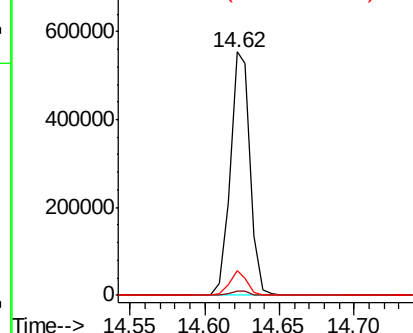
Tot Ion	Ratio	Resp	Lower	Upper
149	100	520456		
167	1.6		1.3	1.9
43	9.2		7.8	11.8

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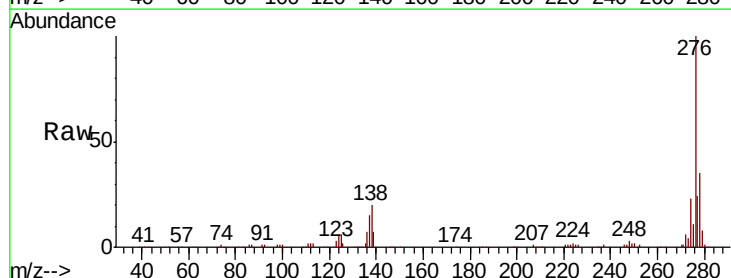


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

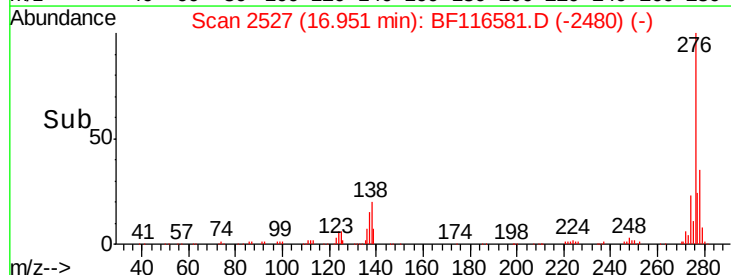
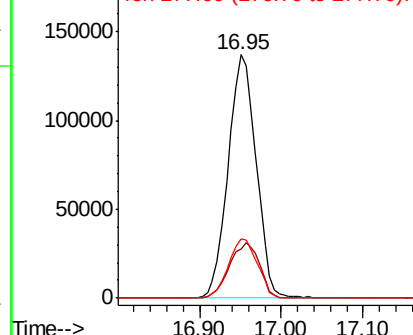


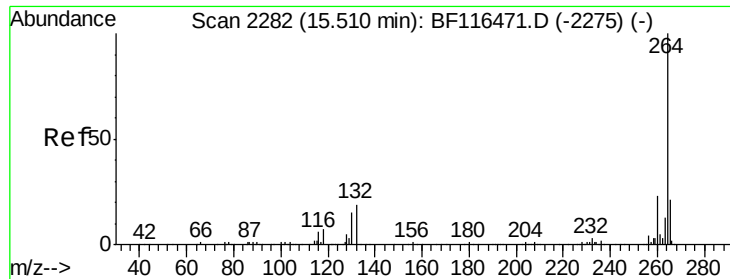
#86
Indeno(1,2,3-cd)pyrene
Concen: 33.346 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	326480		
138	24.5		22.9	34.3
277	25.1		19.9	29.9



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





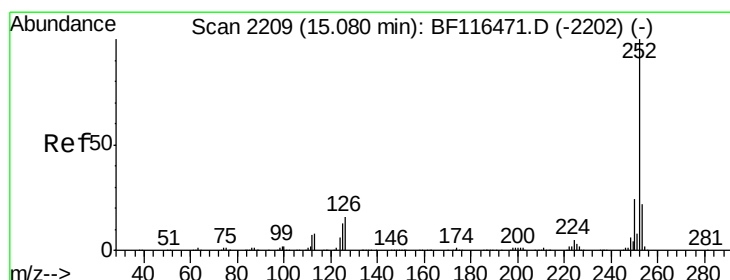
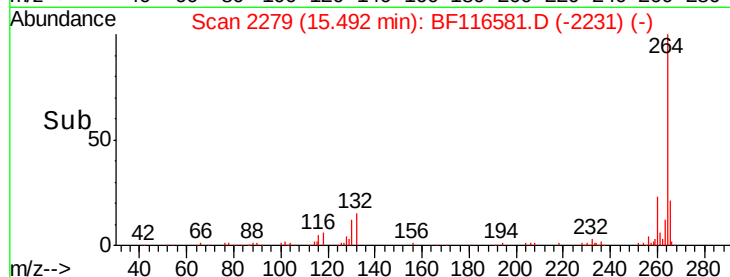
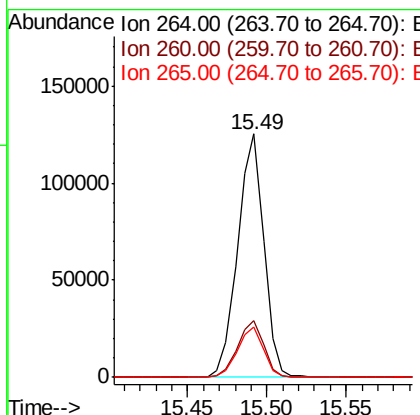
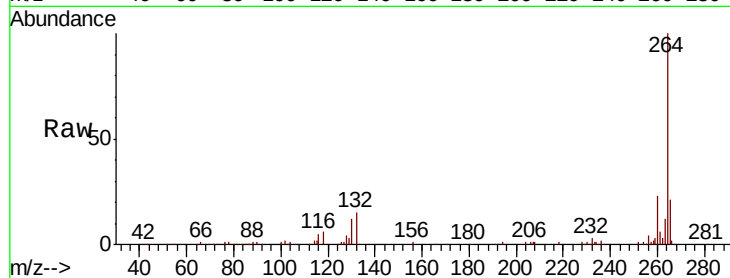
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	20.5	17.1	25.7

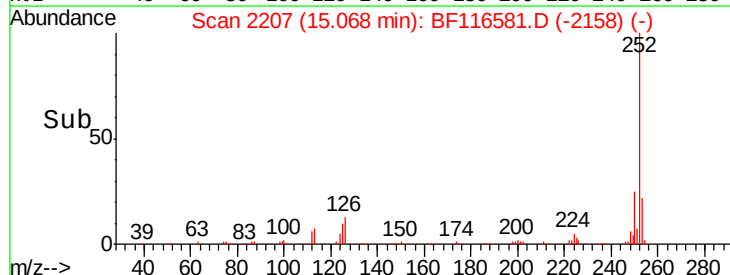
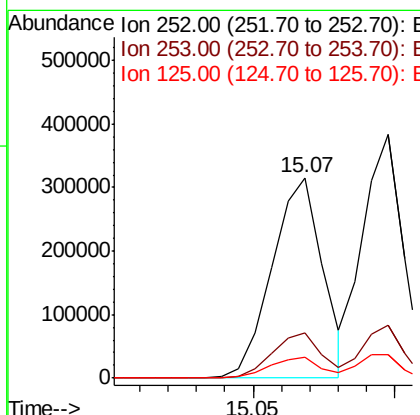
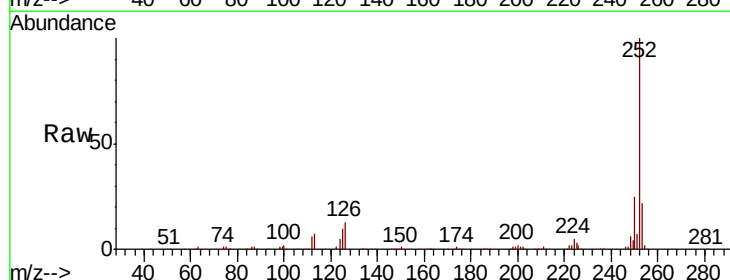
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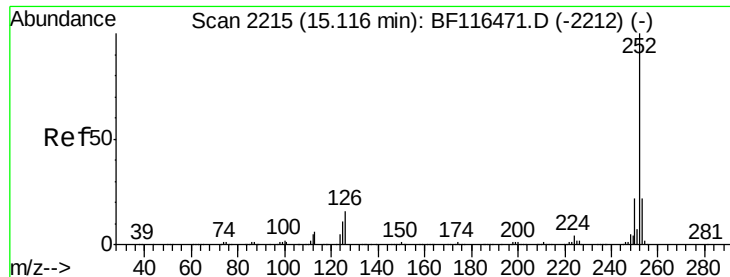
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#88
Benzo(b)fluoranthene
Concen: 44.413 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.4	10.1	15.1





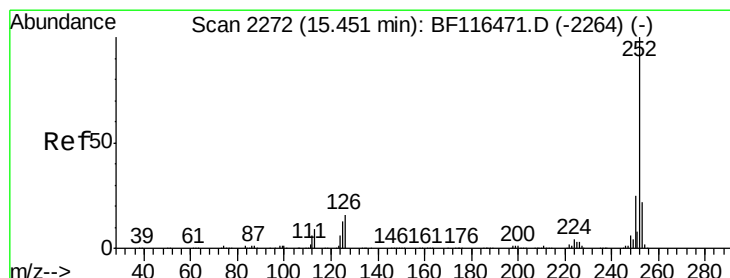
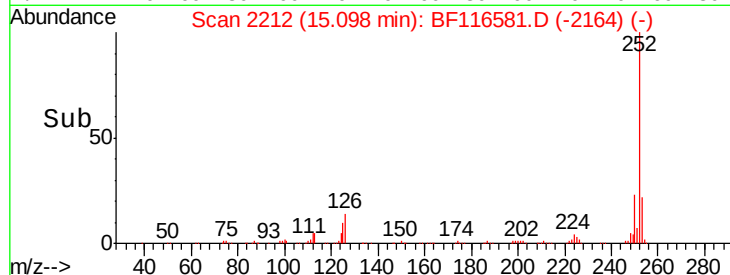
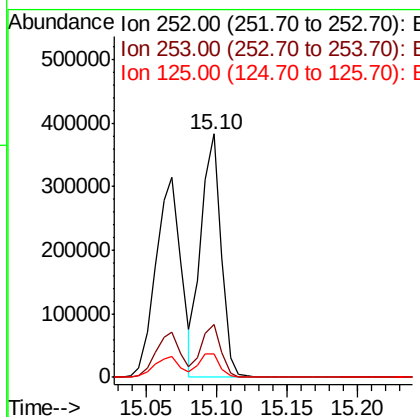
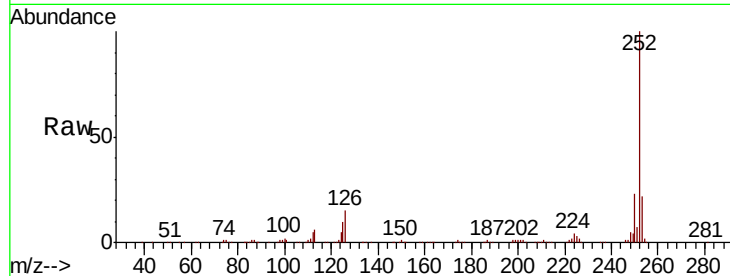
#89
Benzo(k)fluoranthene
Concen: 47.559 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	380783		
253	21.9		17.4	26.2
125	9.9		9.1	13.7

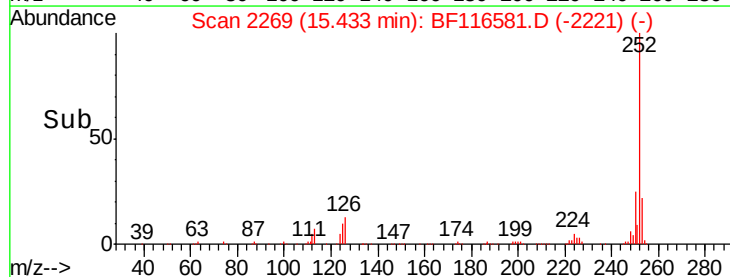
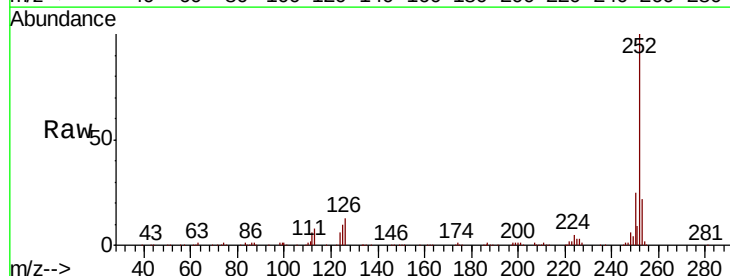
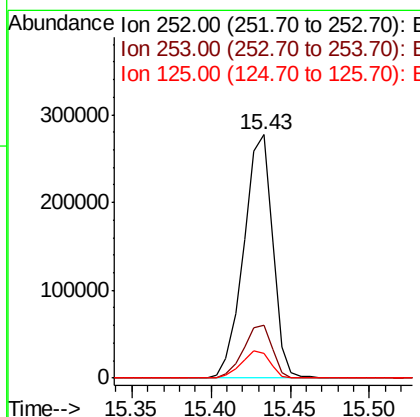
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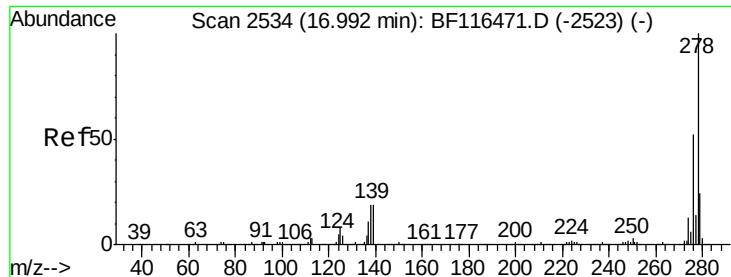
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#90
Benzo(a)pyrene
Concen: 45.017 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	351620		
253	21.7		17.2	25.8
125	10.4		10.2	15.4





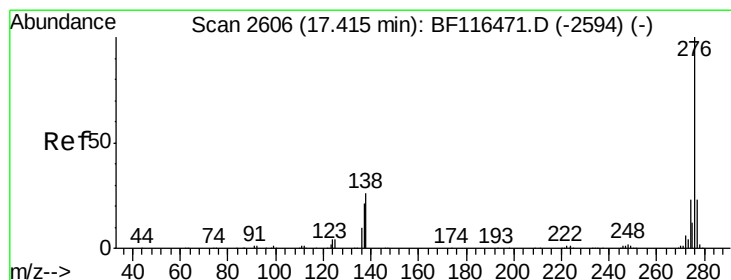
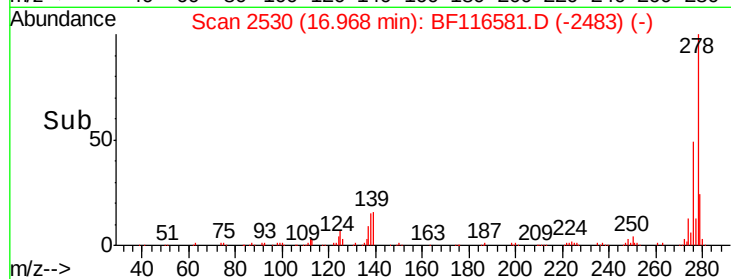
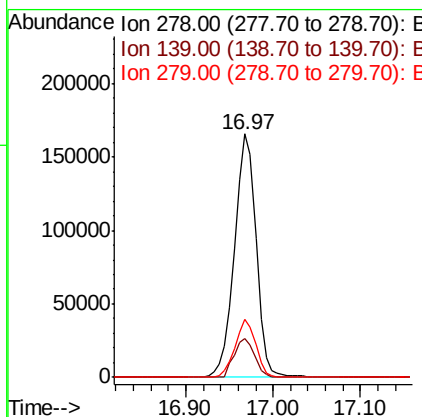
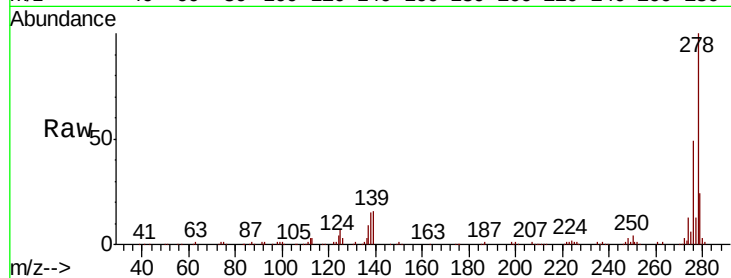
#91
Dibenzo(a,h)anthracene
Concen: 43.218 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	15.3	22.9
279	23.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
8/29/2019 7:54:45 AM



#92
Benzo(g,h,i)perylene
Concen: 43.780 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.7	28.1
138	20.6	20.8	31.2

