

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
 Data File : BF116898.D
 Acq On : 9 Sep 2019 15:58
 Operator : HP/JU
 Sample : PB122923BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122923BS

Manual Integrations
 APPROVED

mohammad
 9/12/2019 9:28:02 AM

Quant Time: Sep 09 16:47:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 09 16:37:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	83662	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	361681	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	190562	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	311725	20.00	ng	0.00
76) Chrysene-d12	13.99	240	226384	20.00	ng	0.00
87) Perylene-d12	15.44	264	165034	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	562800	108.98	ng	0.01
7) Phenol-d6	6.47	99	722582	106.56	ng	0.00
23) Nitrobenzene-d5	7.40	82	418516	66.06	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	159518	125.22	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	740469	65.55	ng	0.00
79) Terphenyl-d14	12.93	244	736539	60.19	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	85800	35.992	ng	98
3) Pyridine	3.43	79	189597	27.469	ng	98
4) n-Nitrosodimethylamine	3.36	42	84194	35.522	ng	91
6) Aniline	6.50	93	251307	26.757	ng	99
8) 2-Chlorophenol	6.63	128	249390	44.239	ng	99
9) Benzaldehyde	6.38	77	110146	24.655	ng	98
10) Phenol	6.49	94	311760	41.519	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	232366	39.743	ng	96
12) 1,3-Dichlorobenzene	6.78	146	243659	38.243	ng	97
13) 1,4-Dichlorobenzene	6.85	146	251659	39.674	ng	99
14) 1,2-Dichlorobenzene	7.01	146	234687	39.923	ng	99
15) Benzyl Alcohol	6.98	79	226956	41.232	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	225810	32.918	ng	98
17) 2-Methylphenol	7.09	107	209858	42.525	ng	98
18) Hexachloroethane	7.35	117	95569	38.779	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	176459	39.521	ng	96
20) 3+4-Methylphenols	7.25	107	261939	45.650	ng	93
22) Acetophenone	7.25	105	359170	41.248	ng	# 97
24) Nitrobenzene	7.42	77	272024	42.216	ng	98
25) Isophorone	7.66	82	495162	38.570	ng	100
26) 2-Nitrophenol	7.73	139	125799	52.513	ng	97
27) 2,4-Dimethylphenol	7.77	122	215559	44.554	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	295014	37.604	ng	100
29) 2,4-Dichlorophenol	7.98	162	201786	43.399	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	199653	39.589	ng	96
31) Naphthalene	8.14	128	699958	40.699	ng	99
32) Benzoic acid	7.90	122	138205	50.591	ng	98
33) 4-Chloroaniline	8.19	127	200733	25.641	ng	99
34) Hexachlorobutadiene	8.26	225	110685	40.253	ng	96
35) Caprolactam	8.55	113	63596m	36.548	ng	
36) 4-Chloro-3-methylphenol	8.67	107	236975	44.345	ng	94
37) 2-Methylnaphthalene	8.83	142	480194	41.964	ng	98
38) 1-Methylnaphthalene	8.93	142	444348	41.135	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	186354	40.794	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	153998	58.378	nq	98
43) 2,4,6-Trichlorophenol	9.11	196	132283	42.244	nq	100
44) 2,4,5-Trichlorophenol	9.15	196	145827	44.856	nq	97
46) 1,1'-Biphenyl	9.29	154	562958	38.932	nq	98
47) 2-Chloronaphthalene	9.32	162	443752	38.746	nq	97
48) 2-Nitroaniline	9.41	65	141213	42.649	nq	89
49) Acenaphthylene	9.73	152	686756	39.668	nq	99
50) Dimethylphthalate	9.59	163	508099	38.620	nq	100
51) 2,6-Dinitrotoluene	9.65	165	111488	44.415	nq	93
52) Acenaphthene	9.90	154	402558	37.844	nq	98
53) 3-Nitroaniline	9.82	138	96383	30.640	nq	96
54) 2,4-Dinitrophenol	9.93	184	95666	104.312	nq	93
55) Dibenzofuran	10.07	168	605864	40.402	nq	98
56) 4-Nitrophenol	9.99	139	195530	90.652	nq	98
57) 2,4-Dinitrotoluene	10.06	165	148907	48.515	nq	95
58) Fluorene	10.42	166	484660	42.417	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	110529	47.108	nq	99
60) Diethylphthalate	10.29	149	506283	38.417	nq	98
61) 4-Chlorophenyl-phenylether	10.41	204	206646	41.300	nq	97
62) 4-Nitroaniline	10.44	138	130930	42.889	nq	97
63) Azobenzene	10.57	77	529859	38.559	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	64819	55.146	nq	99
66) n-Nitrosodiphenylamine	10.53	169	427061	39.603	nq	98
67) 4-Bromophenyl-phenylether	10.90	248	118670	37.474	nq	96
68) Hexachlorobenzene	10.97	284	127724	38.550	nq	# 88
69) Atrazine	11.05	200	112278	37.176	nq	98
70) Pentachlorophenol	11.16	266	144511	90.164	nq	93
71) Phenanthrene	11.38	178	686198	39.544	nq	99
72) Anthracene	11.43	178	700655	40.111	nq	100
73) Carbazole	11.59	167	669208	40.219	nq	100
74) Di-n-butylphthalate	11.91	149	809730	37.960	nq	99
75) Fluoranthene	12.56	202	711014	41.694	nq	99
77) Benzidine	12.68	184	148415	16.715	nq	98
78) Pyrene	12.79	202	721198	35.838	nq	99
80) Butylbenzylphthalate	13.40	149	345693	35.324	nq	99
81) Benzo(a)anthracene	13.98	228	581790	40.606	nq	100
82) 3,3'-Dichlorobenzidine	13.94	252	174219	35.981	nq	98
83) Chrysene	14.02	228	572280	38.769	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	471982	39.070	nq	99
85) Di-n-octyl phthalate	14.57	149	776374	39.272	nq	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	407584	34.376	nq	99
88) Benzo(b)fluoranthene	15.02	252	525771	52.695	nq	98
89) Benzo(k)fluoranthene	15.05	252	457879	50.331	nq	97
90) Benzo(a)pyrene	15.38	252	450956	51.949	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	344977	45.402	nq	98
92) Benzo(g,h,i)perylene	17.33	276	335697	43.320	nq	99

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

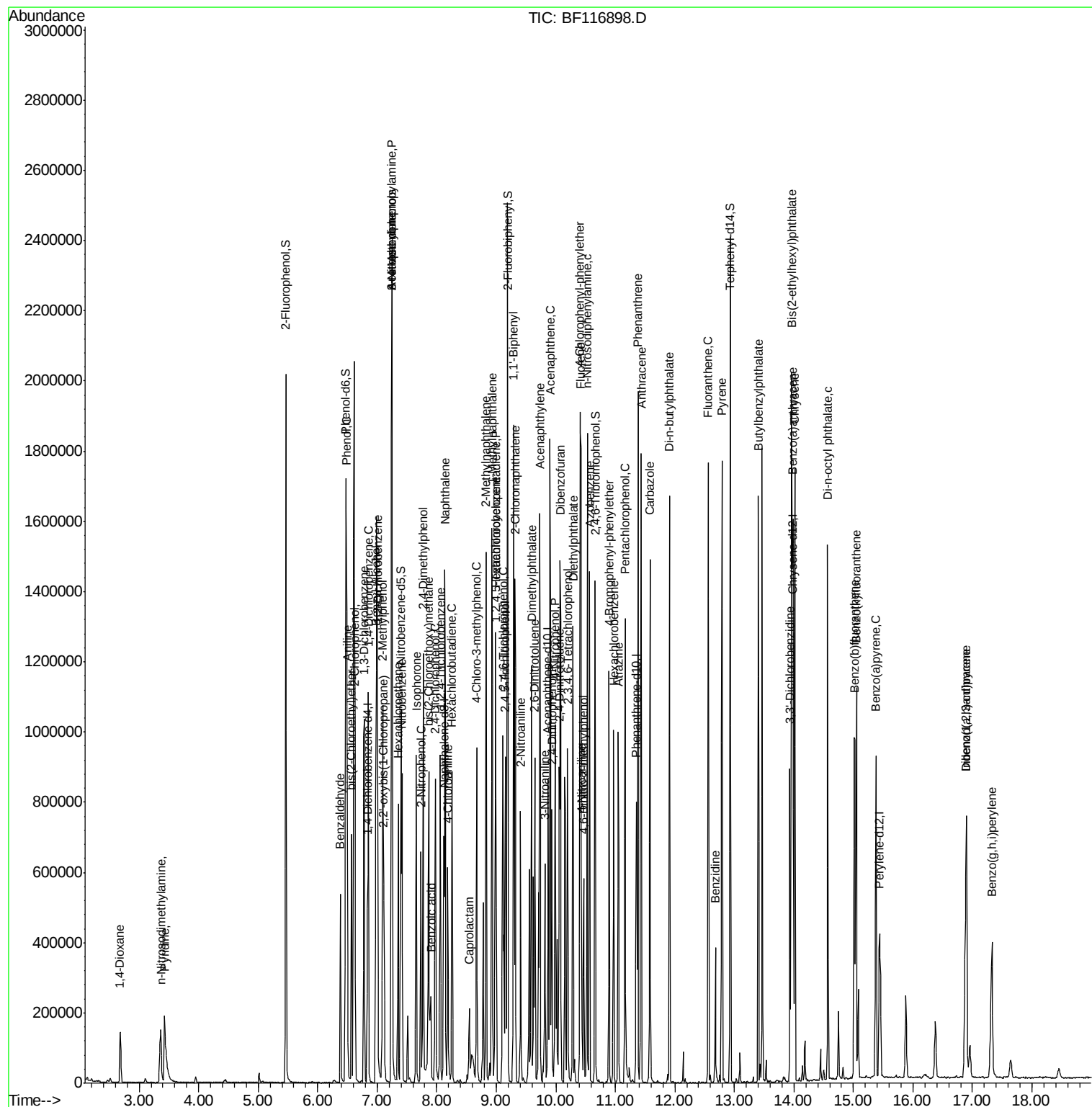
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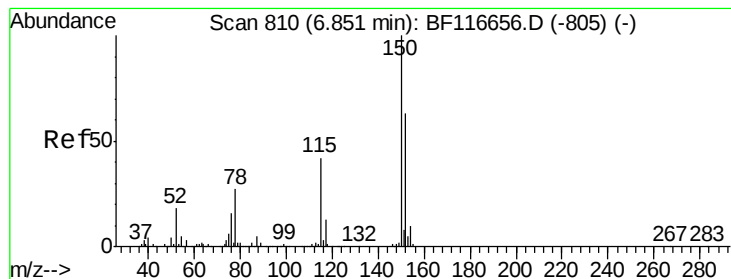
Instrument :
BNA_F
ClientSampleID :
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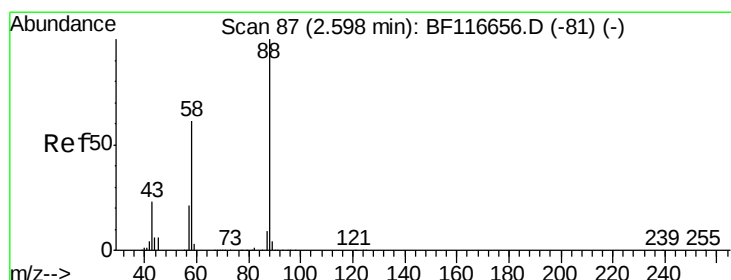
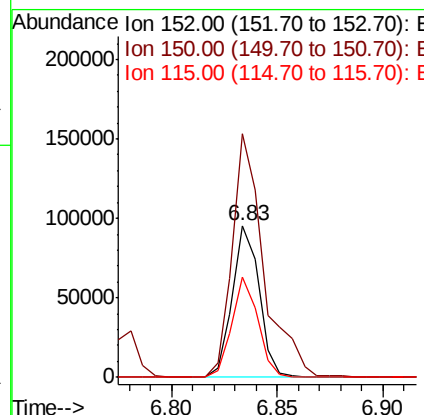
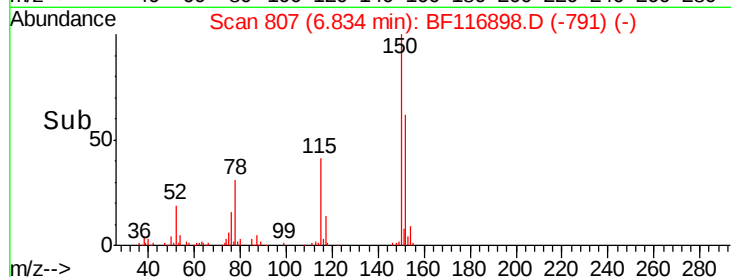
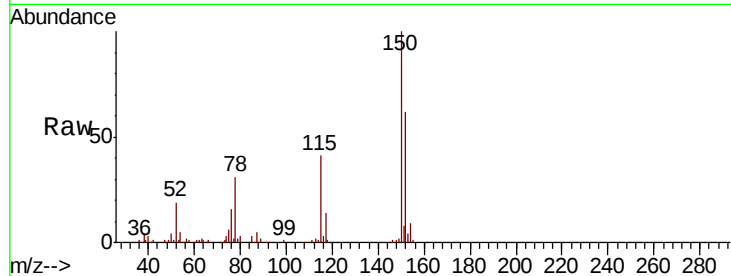
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122923BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.4
115	66.0	51.5	77.3

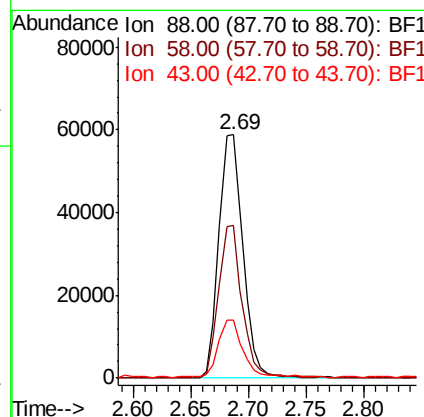
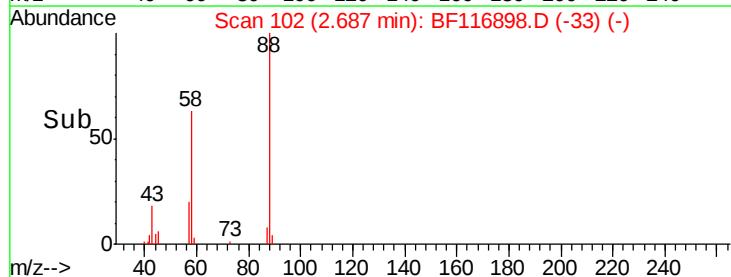
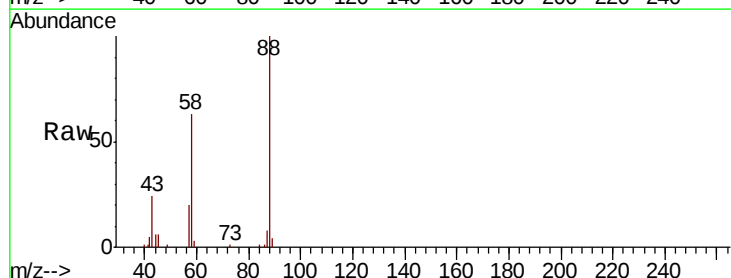
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#2
 1,4-Dioxane
 Concen: 35.992 ng
 RT: 2.69 min Scan# 102
 Delta R.T. 0.11 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.5	48.7	73.1
43	26.2	18.4	27.6





#3

Pvridine

Concen: 27.469 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.09 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

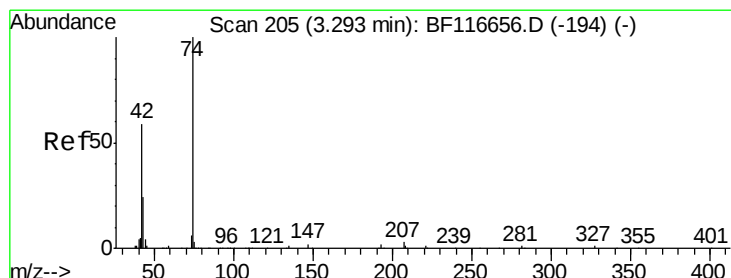
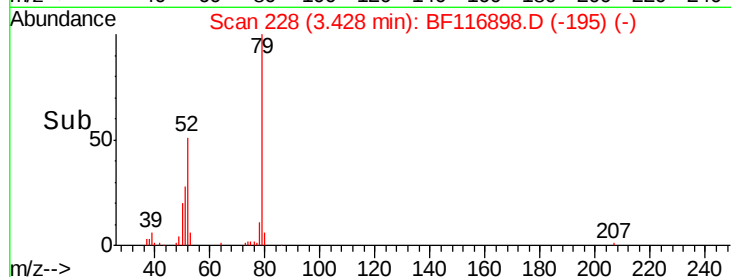
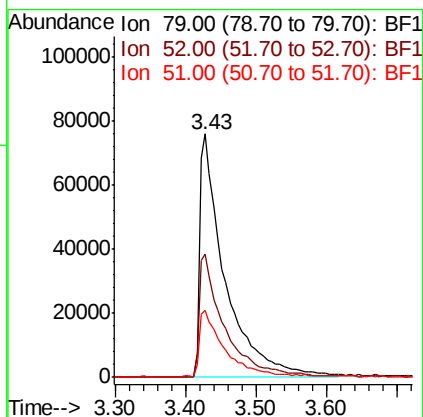
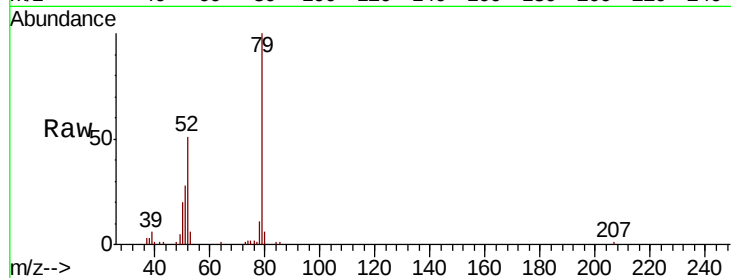
ClientSampleId :

PB122923BS

Tot Ion:	79	Resp:	189597
Ion Ratio	Lower	Upper	
79	100		
52	50.7	41.6	62.4
51	27.7	21.3	31.9

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#4

n-Nitrosodimethylamine

Concen: 35.522 ng

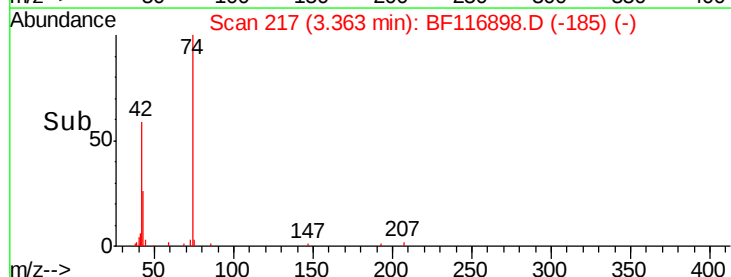
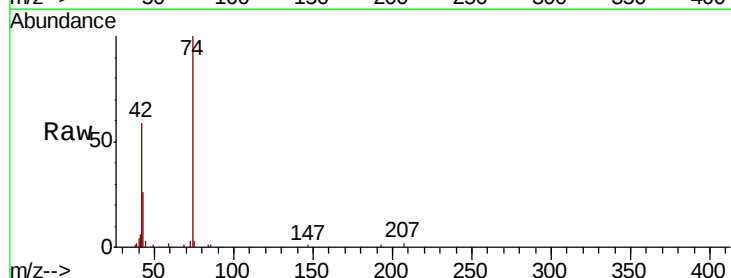
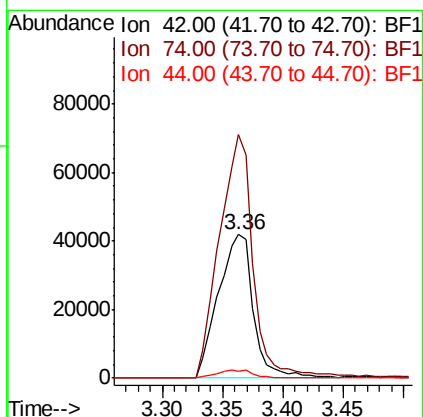
RT: 3.36 min Scan# 217

Delta R.T. 0.09 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Tgt Ion:	42	Resp:	84194
Ion Ratio	Lower	Upper	
42	100		
74	169.5	125.7	188.5
44	5.0	4.3	6.5





#5

2-Fluorophenol

Concen: 108.982 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

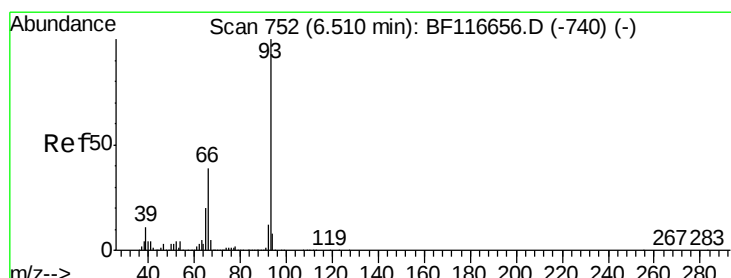
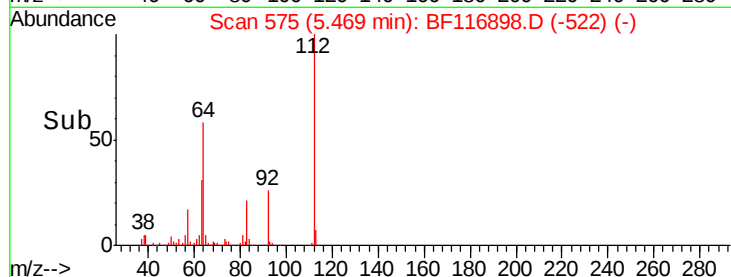
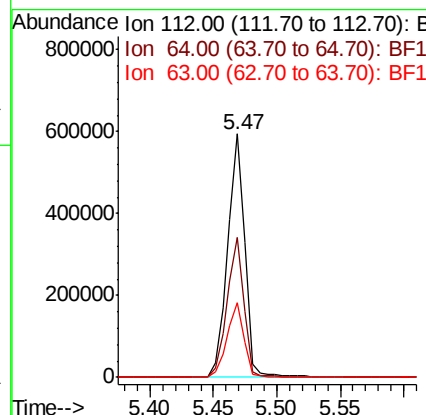
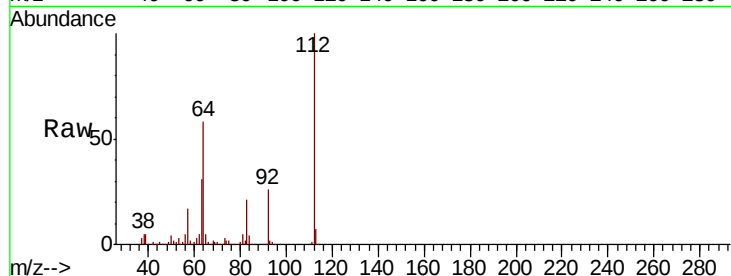
ClientSampleId :

PB122923BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	562800		
64	57.5	45.9	68.9	
63	30.5	24.7	37.1	

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#6

Aniline

Concen: 26.757 ng

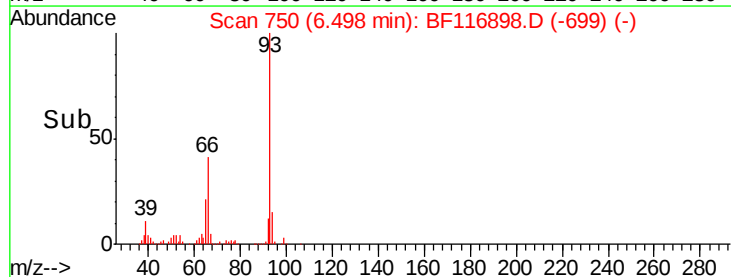
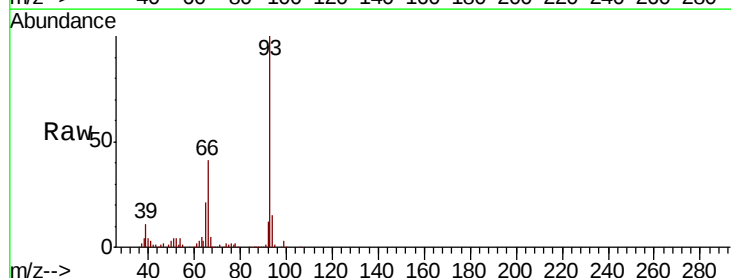
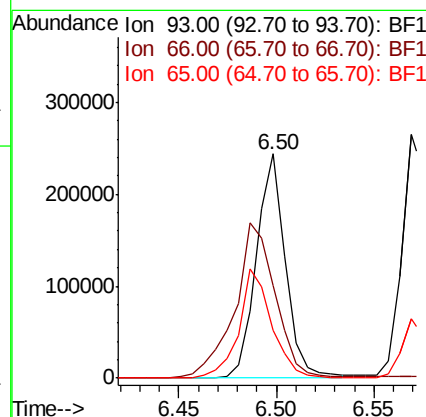
RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	251307		
66	41.3	33.6	50.4	
65	21.4	17.1	25.7	





#7

Phenol-d6

Concen: 106.558 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

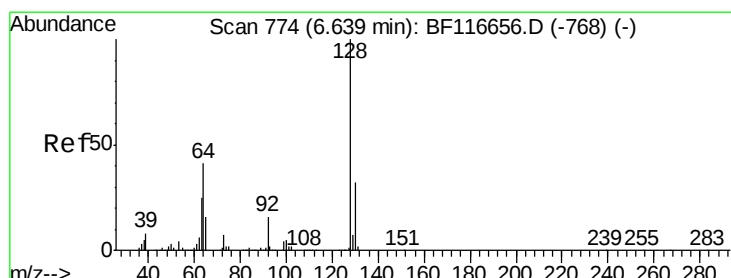
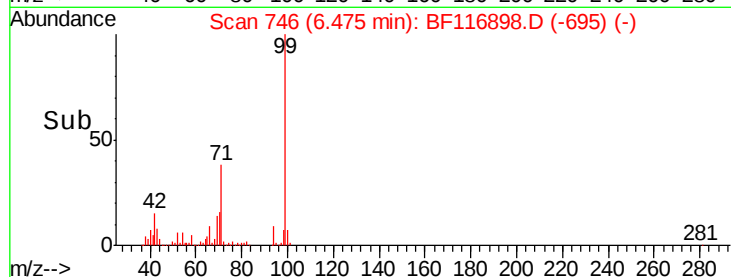
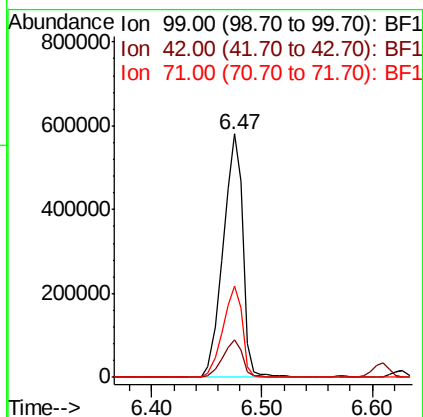
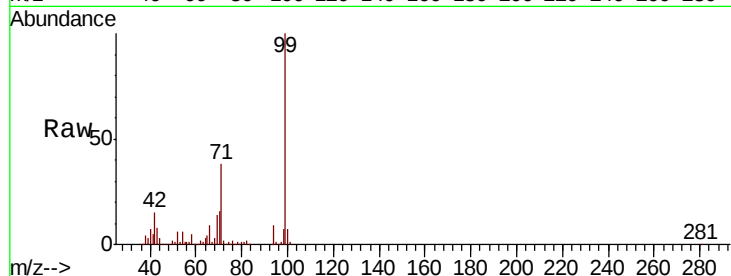
ClientSampleId :

PB122923BS

Tot Ion	Ratio	Resp	Lower	Upper
99	100	722582		
42	15.4	12.1	18.1	
71	37.5	29.6	44.4	

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#8

2-Chlorophenol

Concen: 44.239 ng

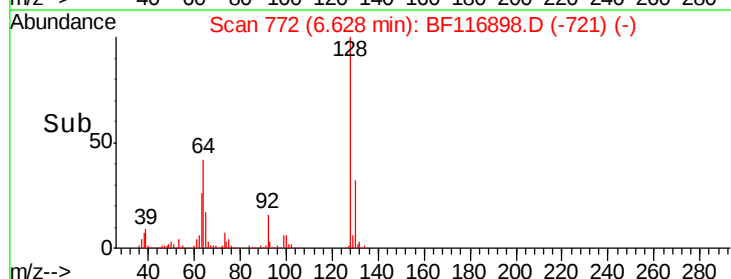
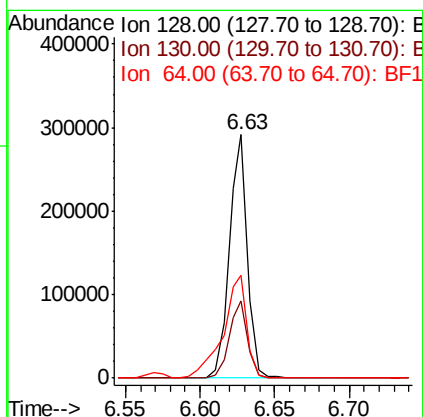
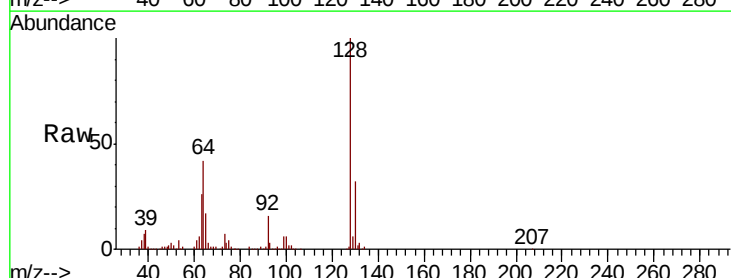
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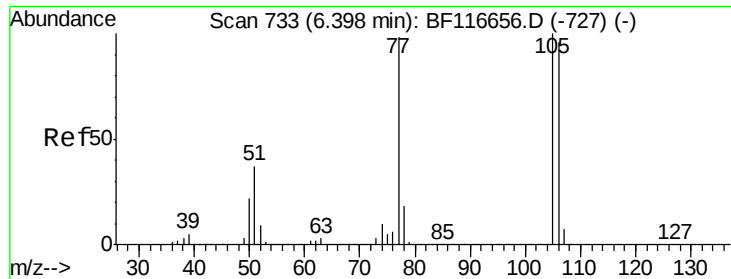
Delta R.T. 0.00 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	249390		
130	31.9	12.6	52.6	
64	42.3	22.5	62.5	





#9

Benzaldehyde

Concen: 24.655 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

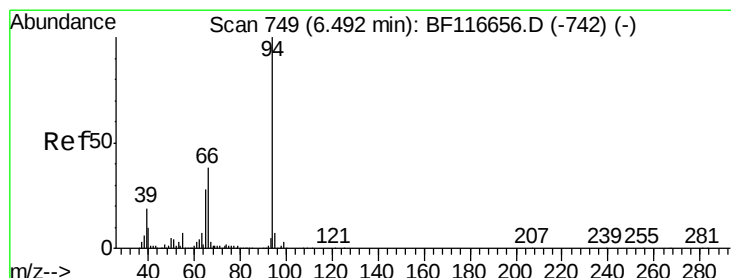
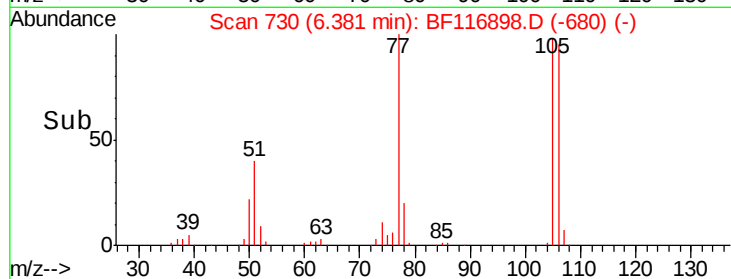
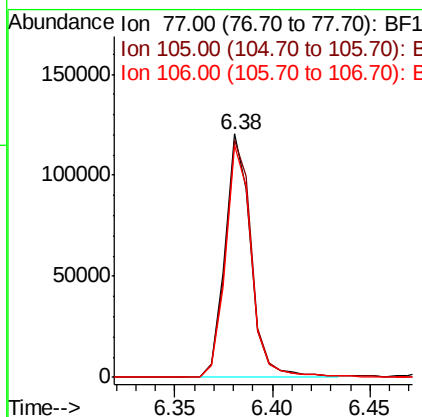
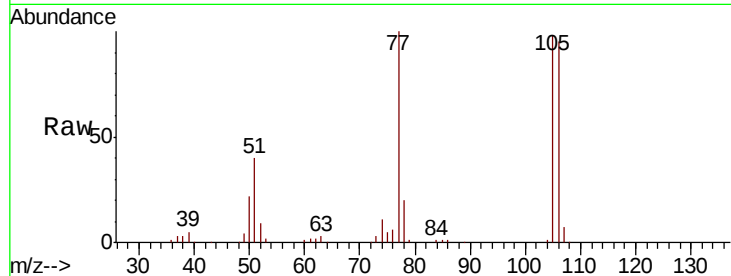
ClientSampleId :

PB122923BS

Tot Ion:	77	Resp:	110146
Ion Ratio	Lower	Upper	
77	100		
105	97.7	81.7	121.7
106	95.2	75.9	115.9

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#10

Phenol

Concen: 41.519 ng

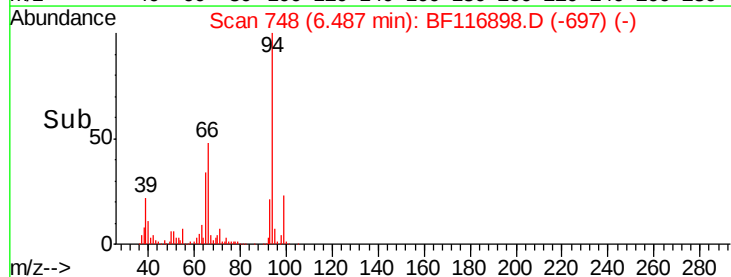
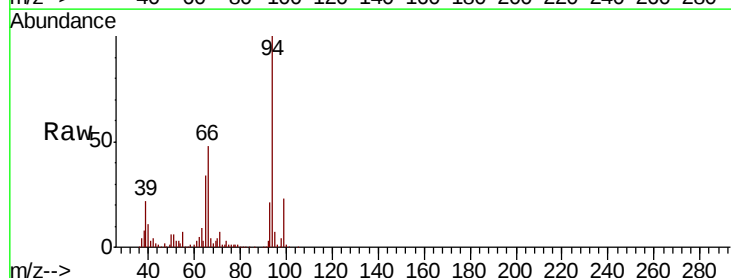
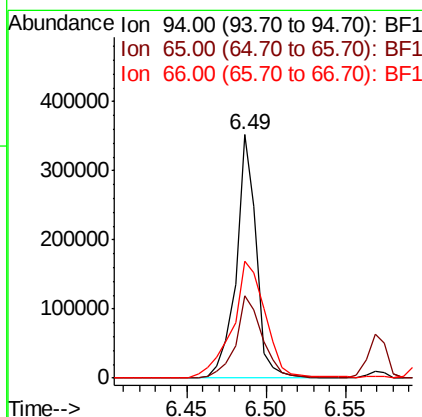
RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Tgt Ion:	94	Resp:	311760
Ion Ratio	Lower	Upper	
94	100		
65	33.7	12.7	52.7
66	47.9	28.7	68.7





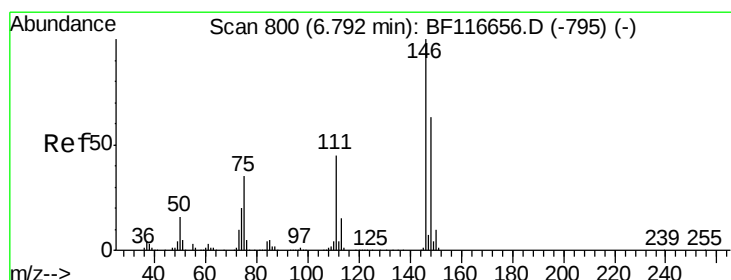
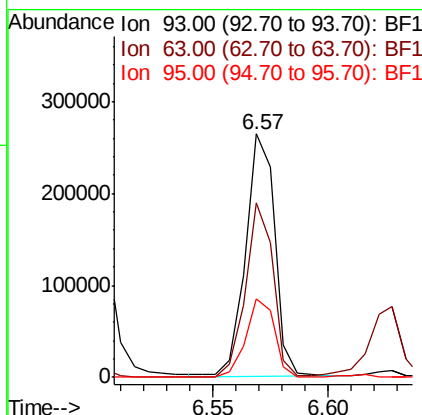
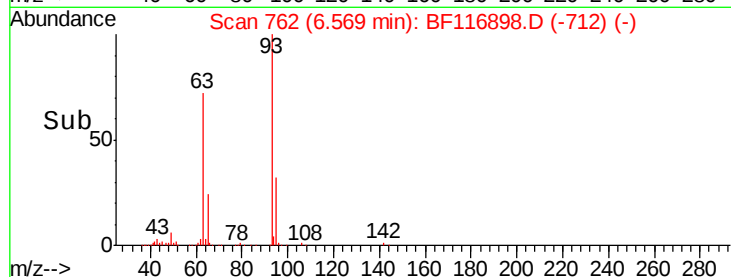
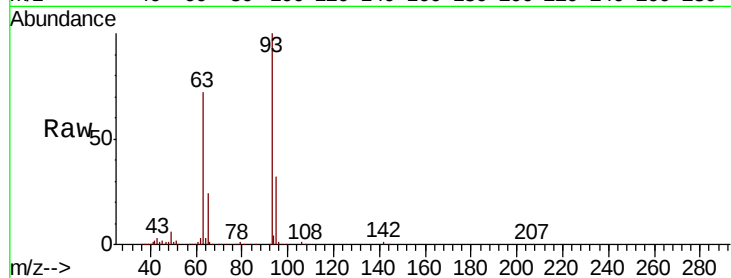
#11
bis(2-Chloroethyl)ether
Concen: 39.743 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	93	Resp	232366
Ion	Ratio	Lower	Upper
93	100		
63	71.6	46.7	86.7
95	32.2	12.6	52.6

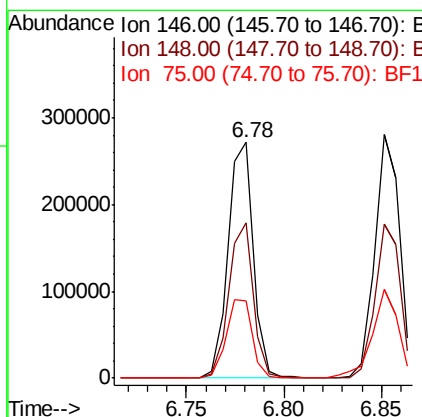
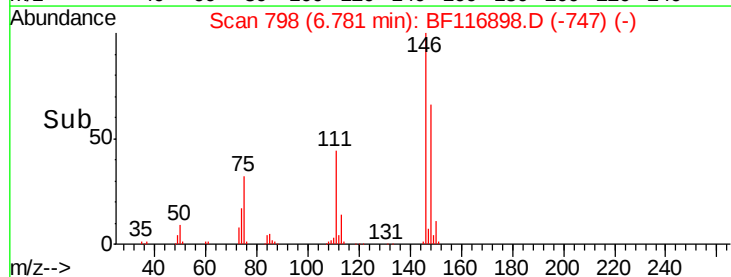
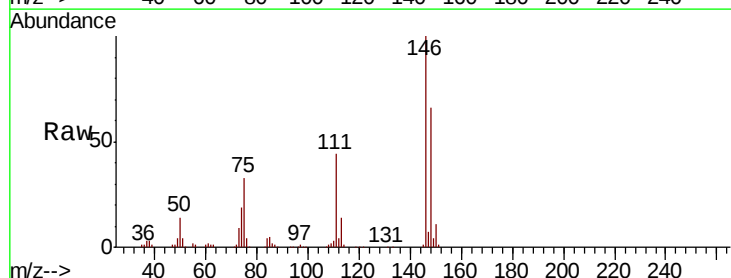
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#12
1,3-Dichlorobenzene
Concen: 38.243 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	146	Resp	243659
Ion	Ratio	Lower	Upper
146	100		
148	65.8	49.9	74.9
75	32.6	26.3	39.5





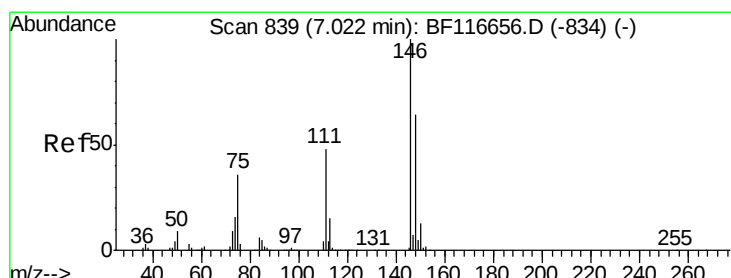
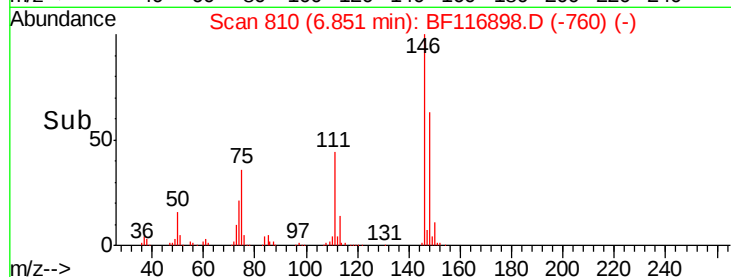
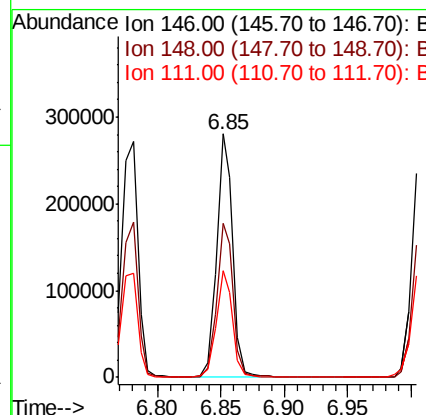
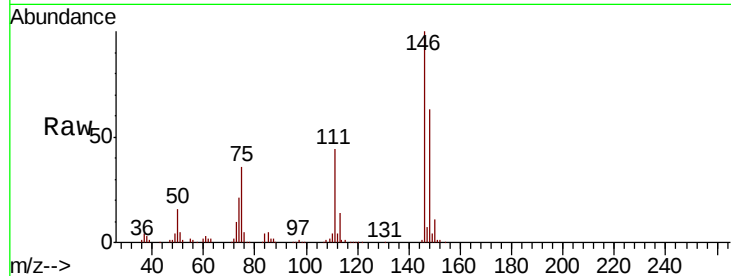
#13
 1,4-Dichlorobenzene
 Concen: 39.674 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122923BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.9	76.3
111	43.8	34.2	51.2

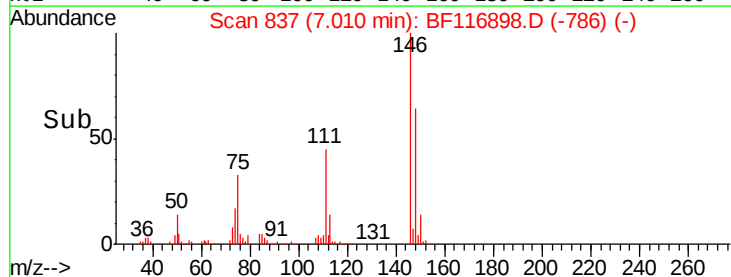
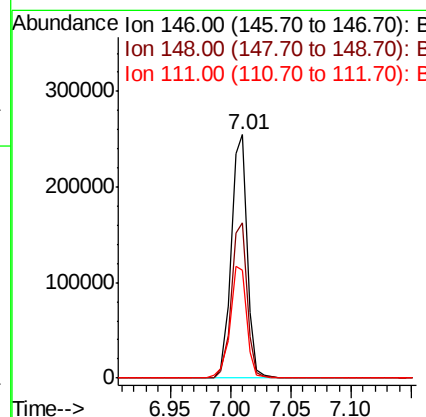
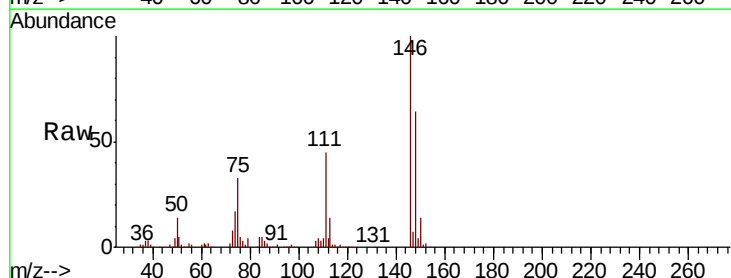
Manual Integrations
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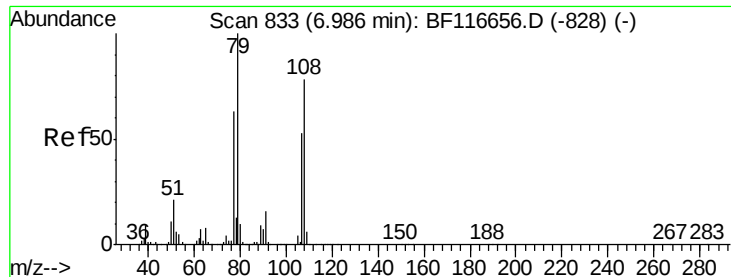
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.923 ng
 RT: 7.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
111	44.5	37.0	55.4





#15

Benzyl Alcohol

Concen: 41.232 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

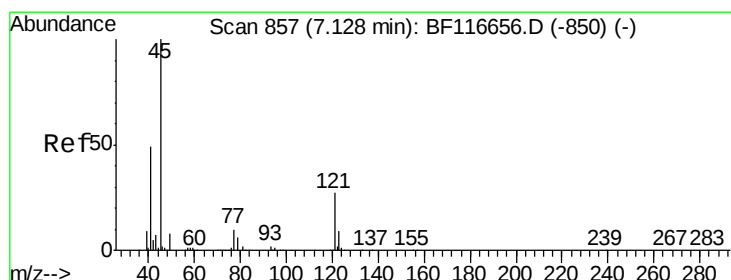
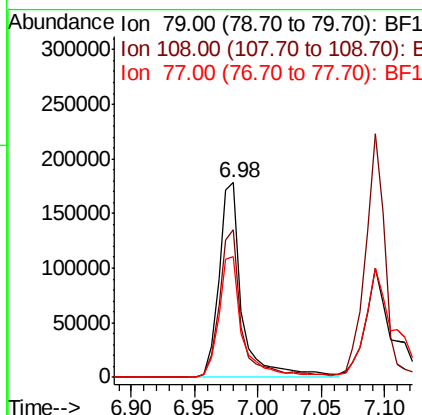
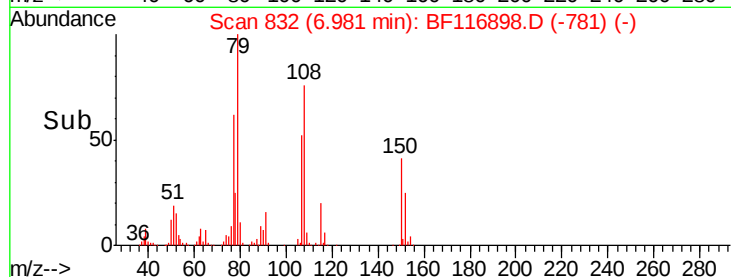
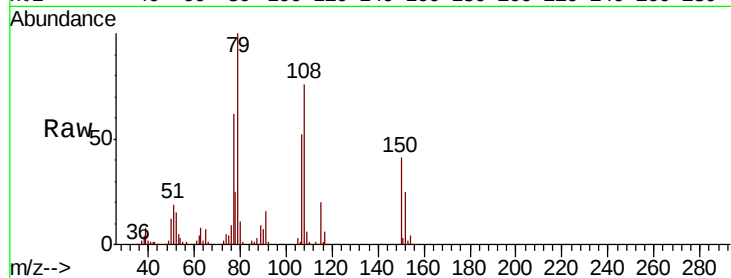
ClientSampleId :

PB122923BS

Tot Ion:	79	Resp:	226956
Ion Ratio	Lower	Upper	
79	100		
108	75.7	61.9	92.9
77	62.2	50.3	75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.918 ng

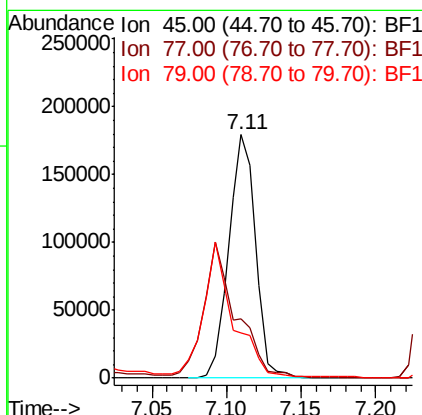
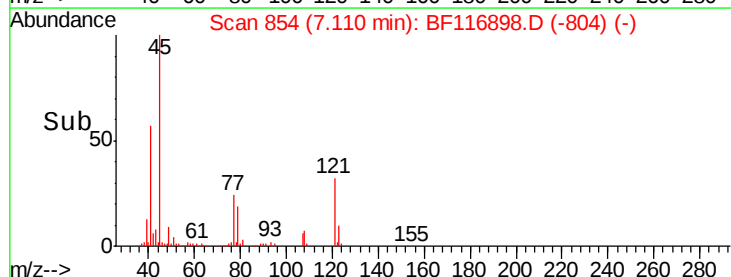
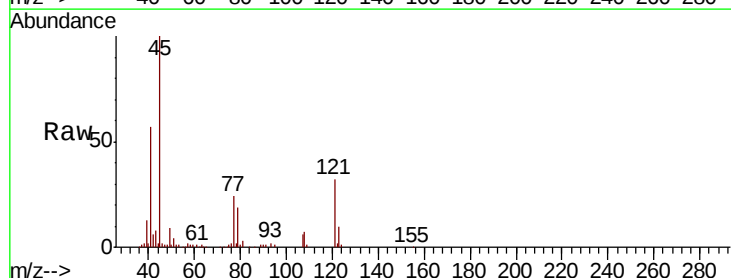
RT: 7.11 min Scan# 854

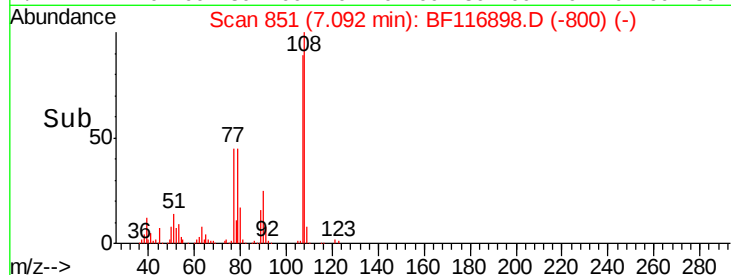
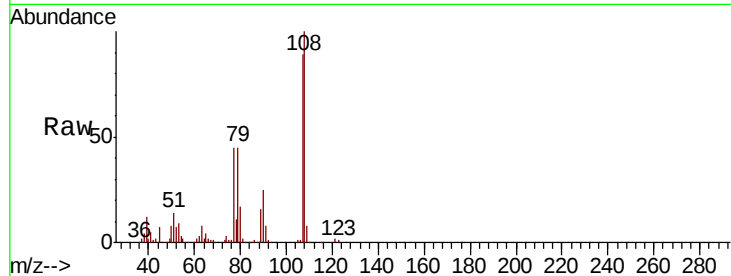
Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Tgt Ion:	45	Resp:	225810
Ion Ratio	Lower	Upper	
45	100		
77	24.3	3.7	43.7
79	18.7	0.0	37.7





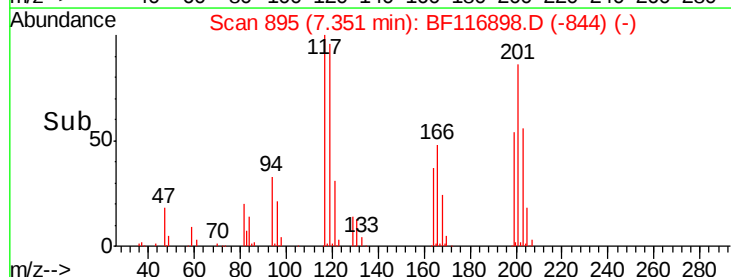
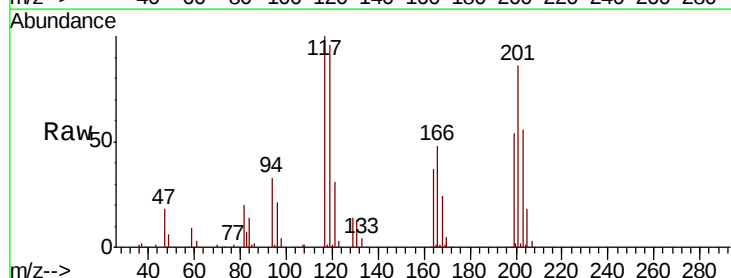
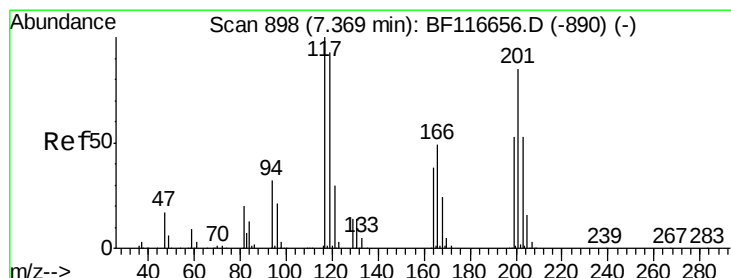
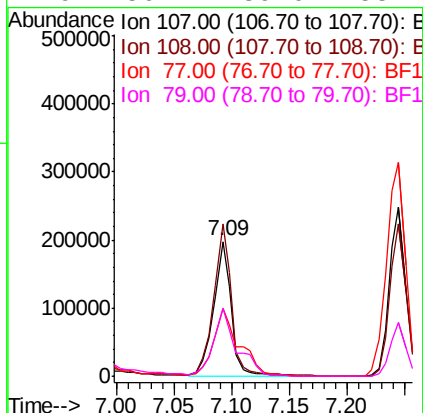
#17
2-Methylphenol
Concen: 42.525 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	92.6	139.0	
77	50.9	41.4	62.0	
79	50.7	39.0	58.4	

Instrument :
BNA_F
ClientSampleId :
PB122923BS

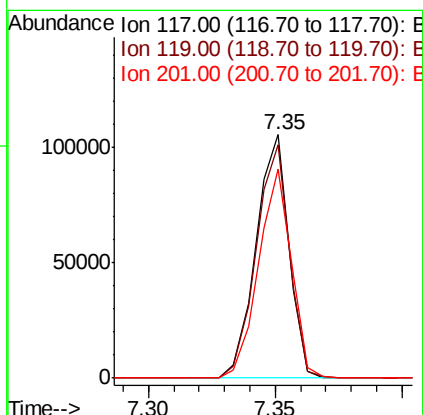
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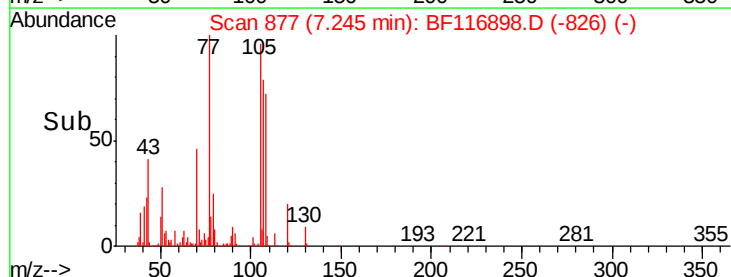
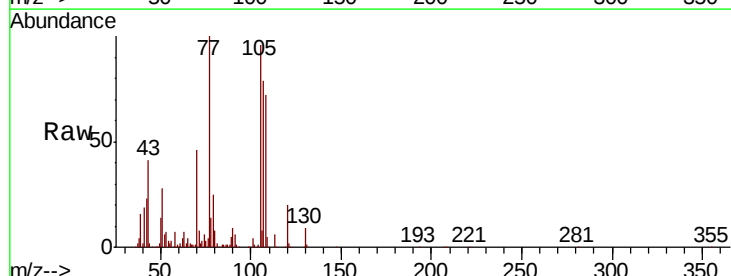
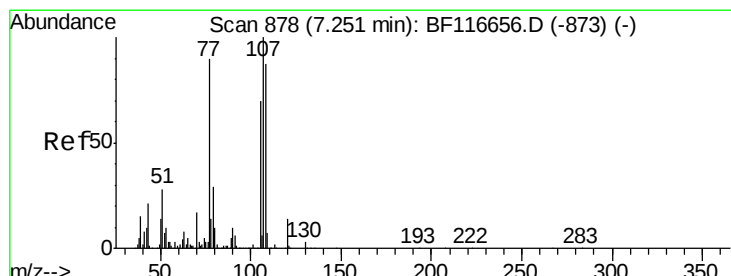
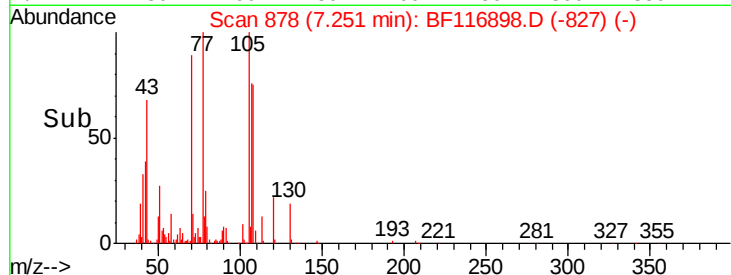
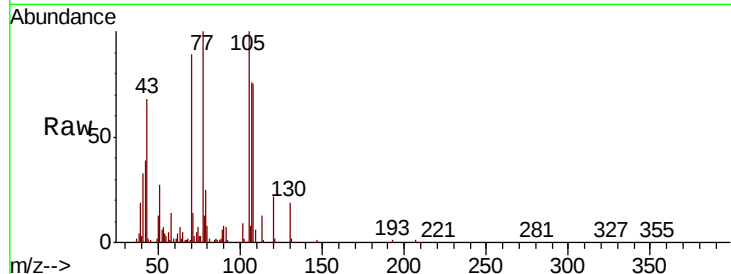
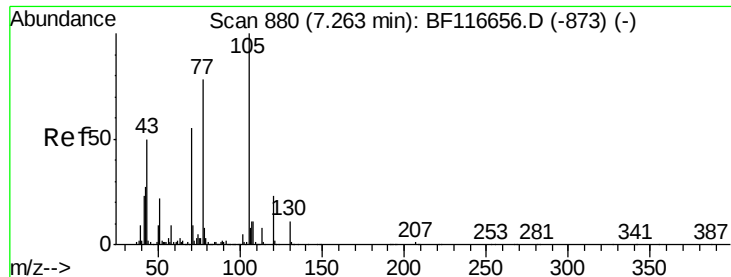
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#18
Hexachloroethane
Concen: 38.779 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	77.8	116.6	
201	85.7	64.8	97.2	





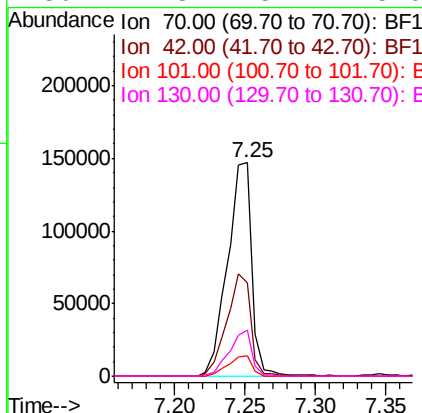
#19
n-Nitroso-di-n-propylamine
Concen: 39.521 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	70	Resp	176459
Ion Ratio	Lower	Upper	
70	100		
42	43.8	37.5	56.3
101	9.8	8.1	12.1
130	21.3	15.4	23.0

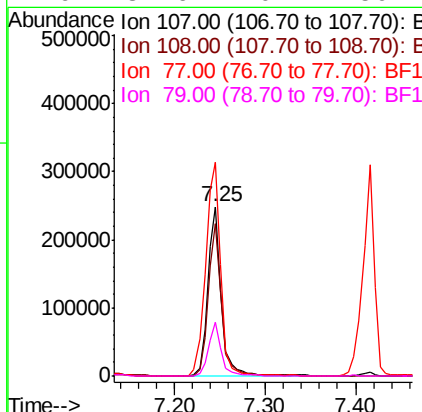
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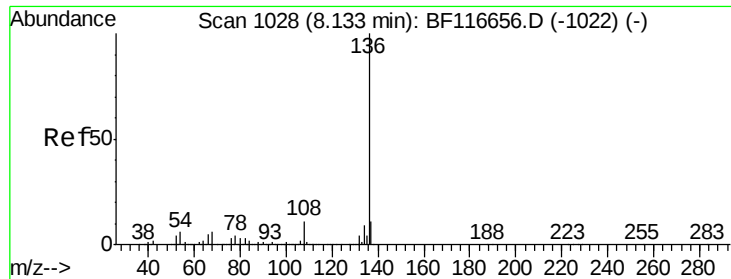
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#20
3+4-Methylphenols
Concen: 45.650 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	107	Resp	261939
Ion Ratio	Lower	Upper	
107	100		
108	90.2	67.6	107.6
77	125.9	119.2	159.2
79	31.6	10.1	50.1





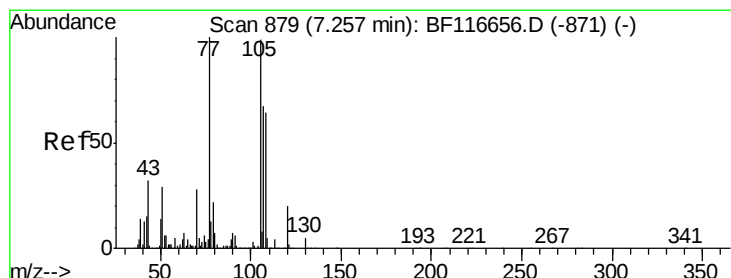
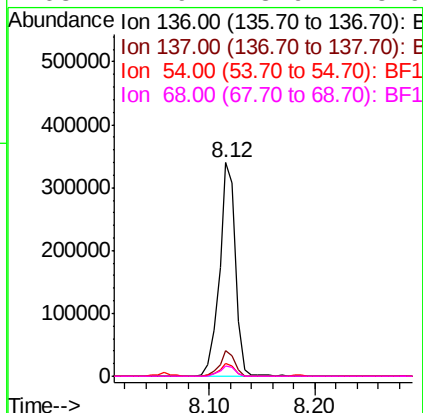
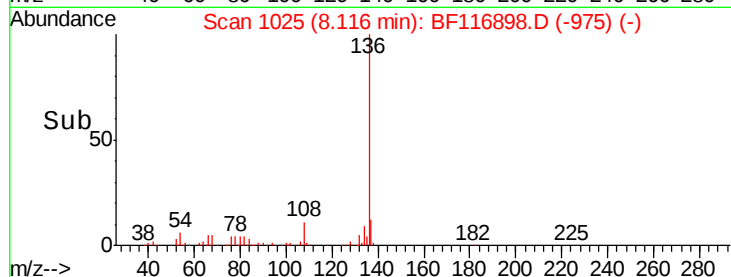
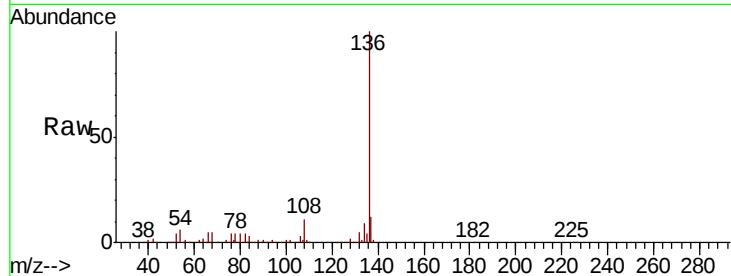
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	361681		
137	11.8	8.6	12.8	
54	6.1	4.2	6.2	
68	4.9	3.9	5.9	

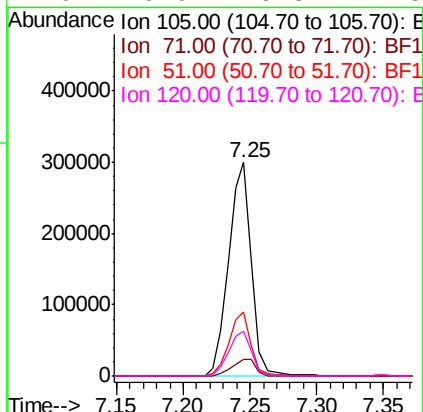
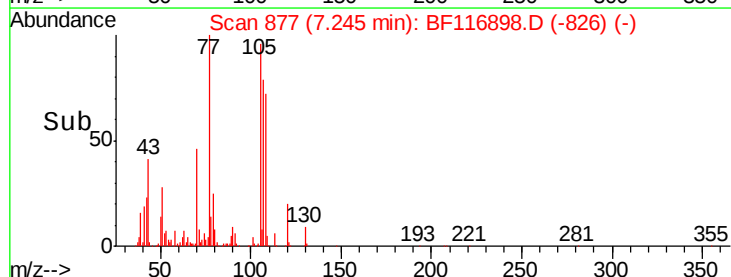
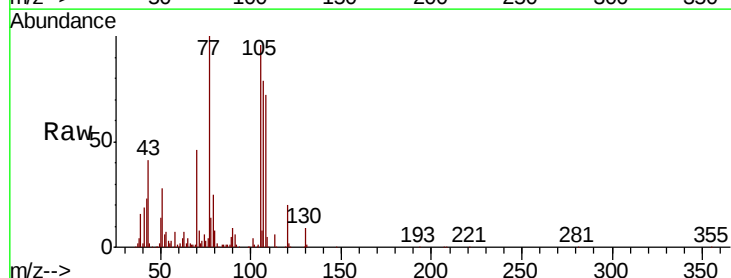
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#22
Acetophenone
Concen: 41.248 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	359170		
71	8.1	4.2	6.2#	
51	29.8	25.0	37.4	
120	20.9	16.3	24.5	





#23

Nitrobenzene-d5

Concen: 66.058 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

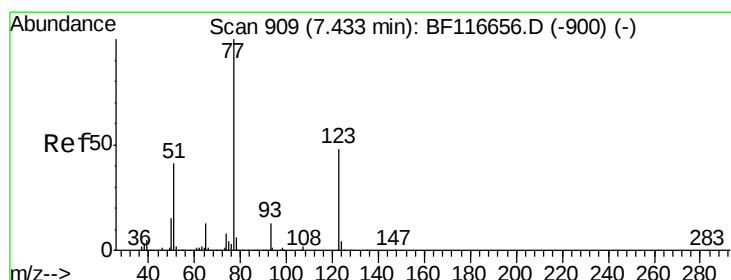
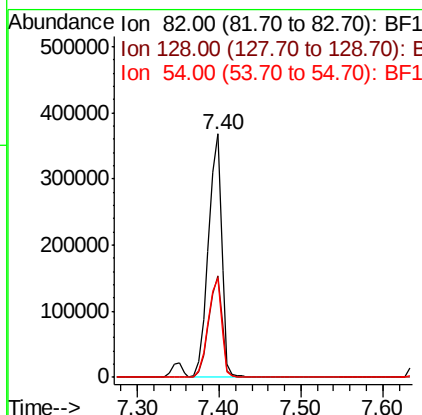
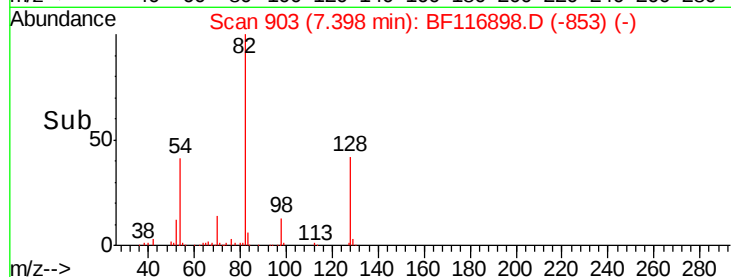
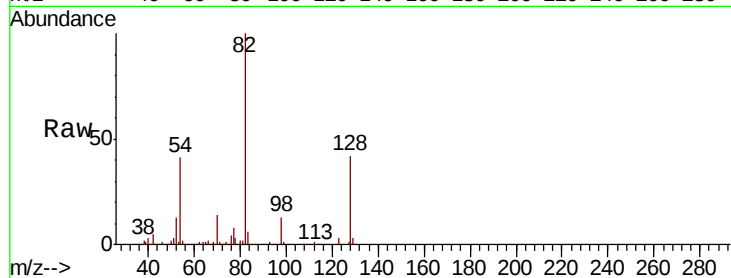
ClientSampleId :

PB122923BS

Tot Ion:	82	Resp:	418516
Ion Ratio	Lower	Upper	
82	100		
128	41.8	33.8	50.8
54	40.7	32.6	48.8

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#24

Nitrobenzene

Concen: 42.216 ng

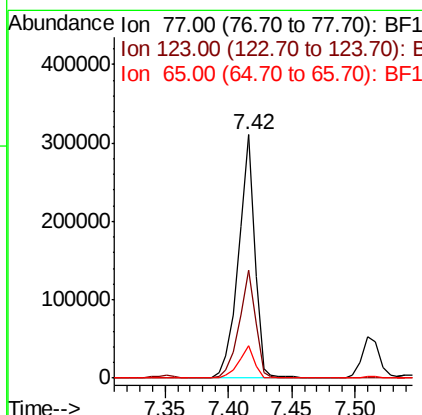
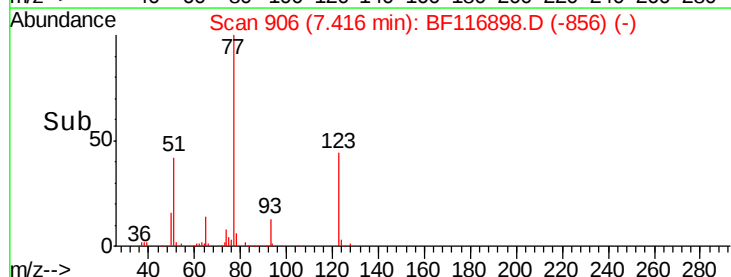
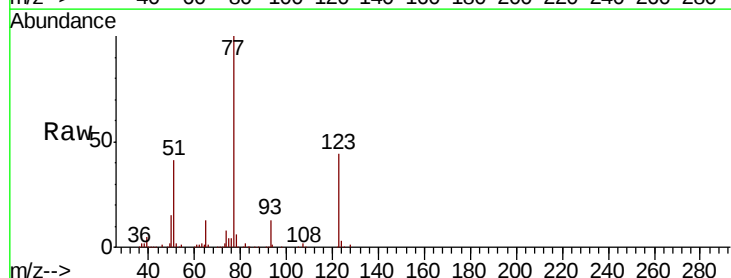
RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Tgt Ion:	77	Resp:	272024
Ion Ratio	Lower	Upper	
77	100		
123	44.4	36.7	55.1
65	13.4	10.7	16.1





#25

Isophorone

Concen: 38.570 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

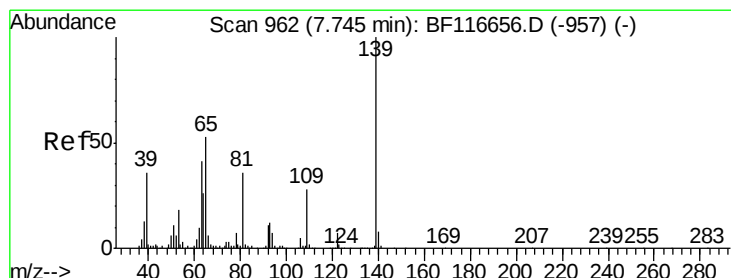
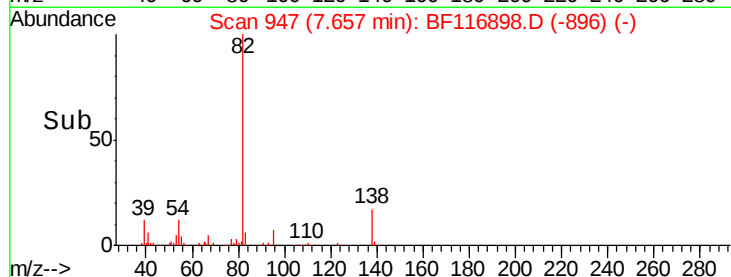
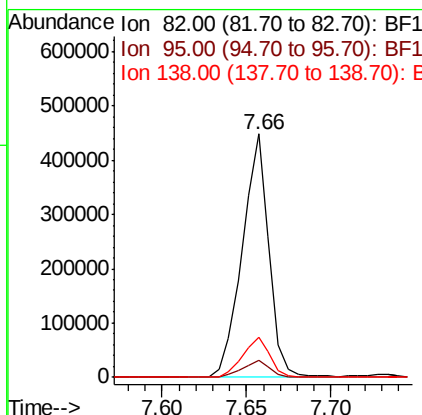
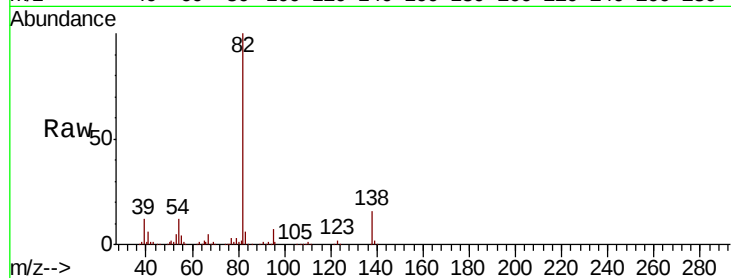
ClientSampleId :

PB122923BS

Tot Ion:	82	Resp:	495162
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	16.5	13.2	19.8

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#26

2-Nitrophenol

Concen: 52.513 ng

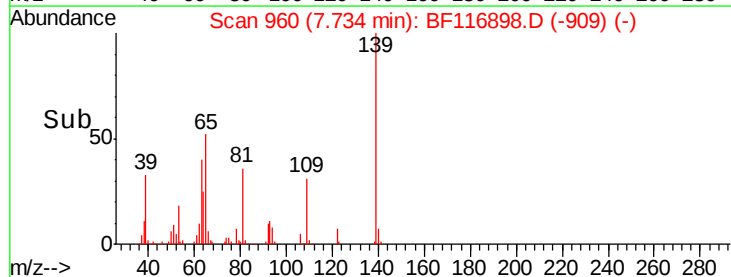
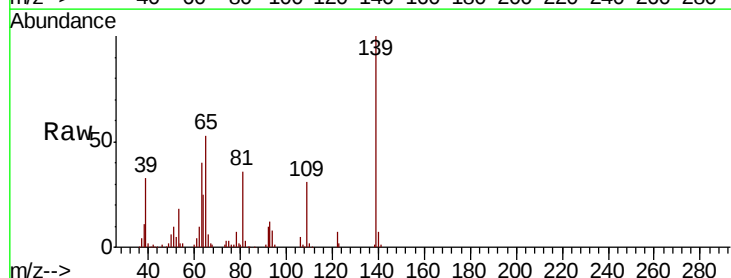
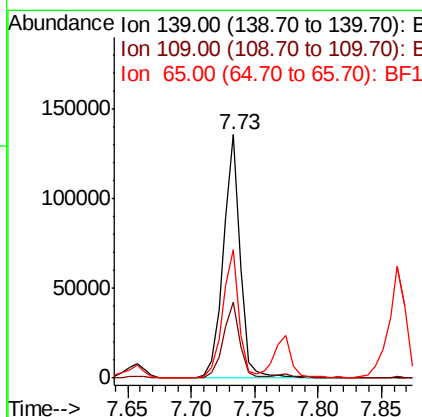
RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Tgt Ion:	139	Resp:	125799
Ion Ratio	Lower	Upper	
139	100		
109	31.2	26.3	39.5
65	52.7	44.1	66.1





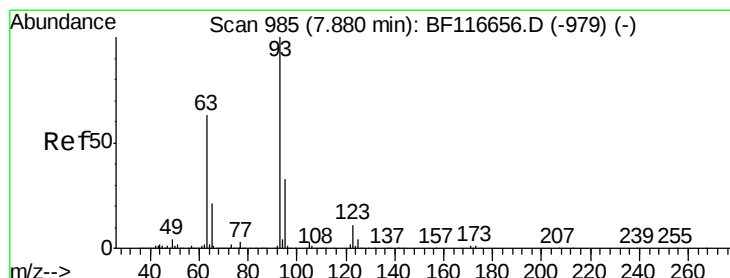
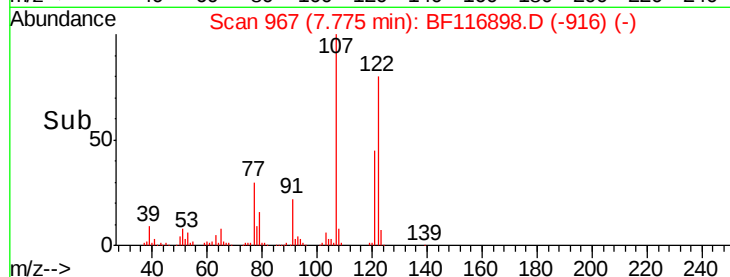
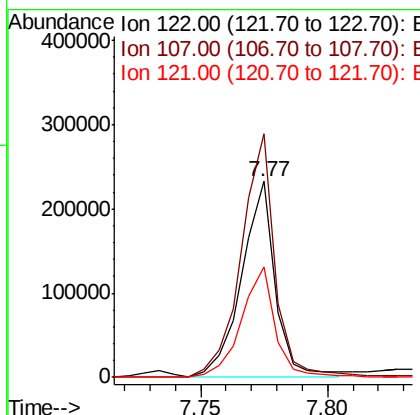
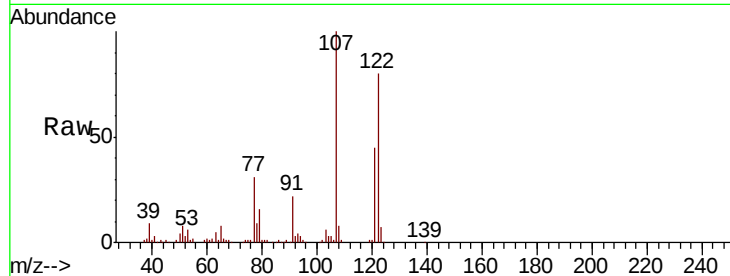
#27
 2,4-Dimethylphenol
 Concen: 44.554 ng
 RT: 7.77 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122923BS

Tot Ion:	122	Resp:	215559
Ion Ratio	Lower	Upper	
122	100		
107	124.3	97.4	146.2
121	56.3	46.8	70.2

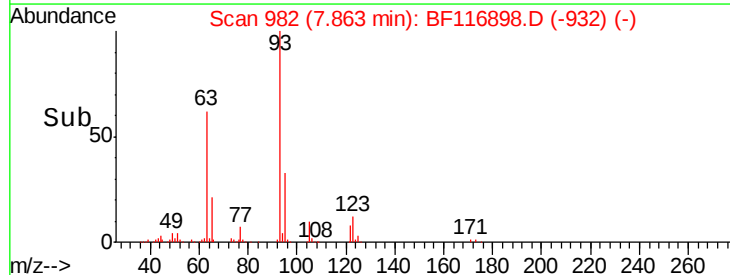
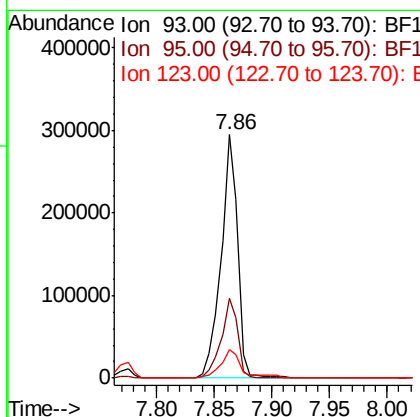
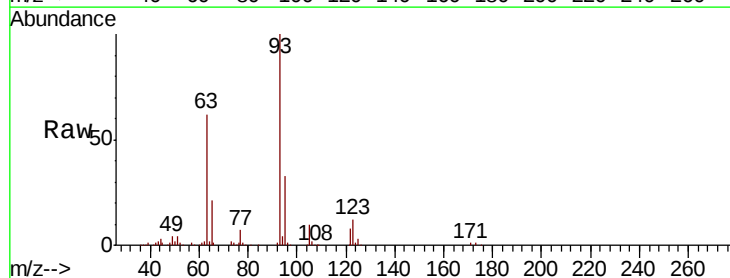
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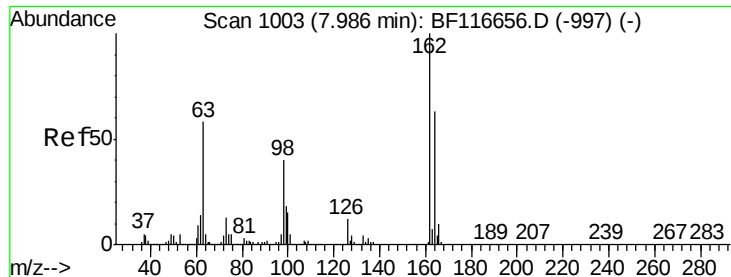
mohammad
 9/12/2019 9:28:02 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.604 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion:	93	Resp:	295014
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.2	39.4
123	11.9	9.2	13.8





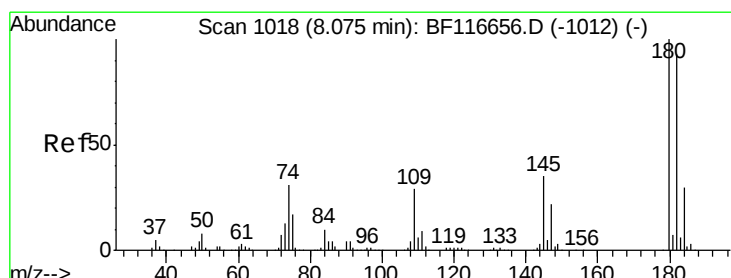
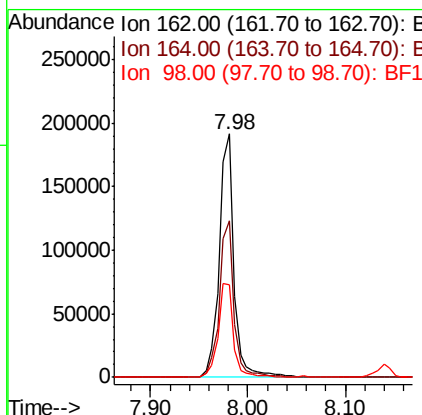
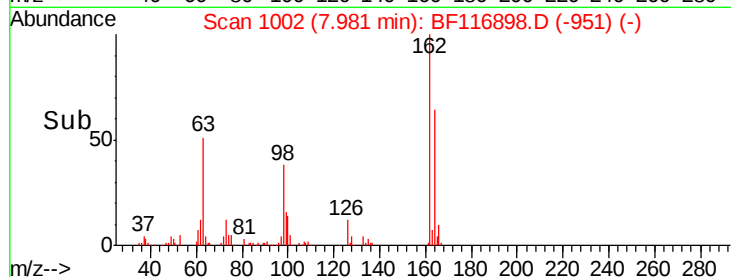
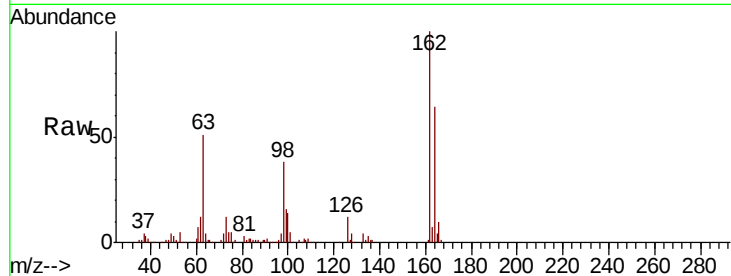
#29
 2,4-Dichlorophenol
 Concen: 43.399 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Instrument :
 BNA_F
 ClientSampled :
 PB122923BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		201786		
164	64.4	43.6	83.6		
98	37.8	18.5	58.5		

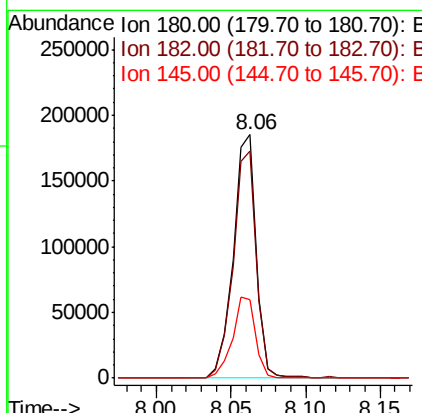
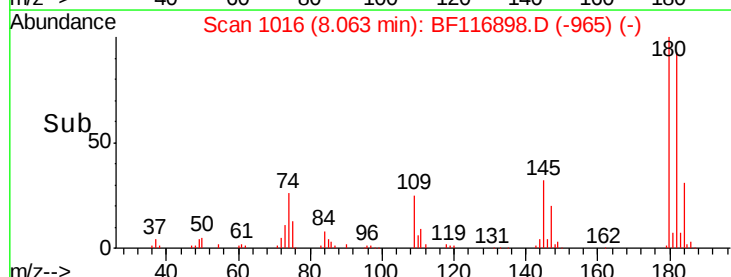
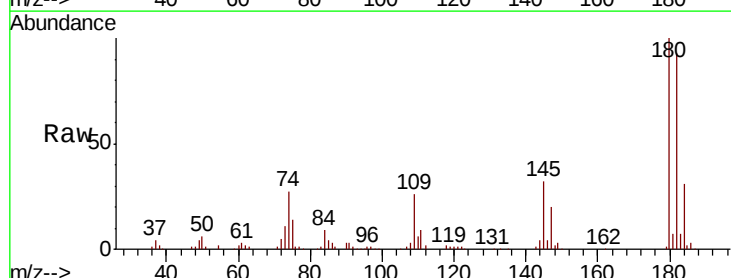
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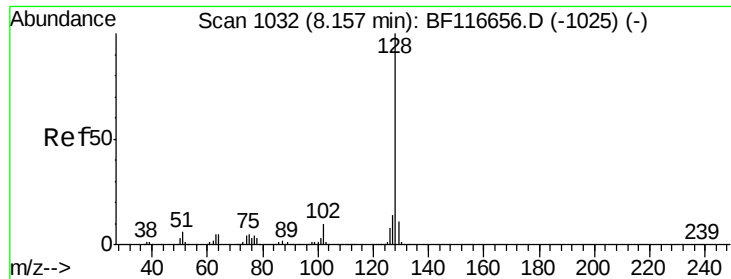
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.589 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		199653		
182	93.0	77.0	115.4		
145	32.4	27.8	41.8		





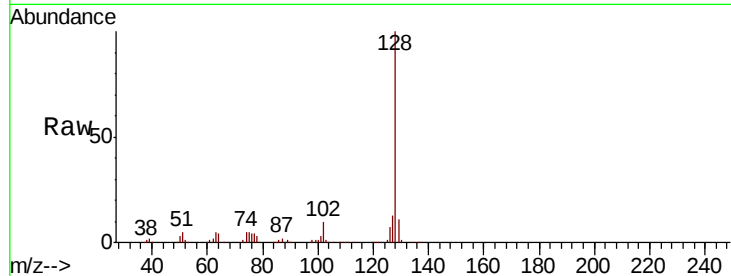
#31
Naphthalene
Concen: 40.699 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	699958		
129	10.9		8.5	12.7
127	13.4		10.6	15.8

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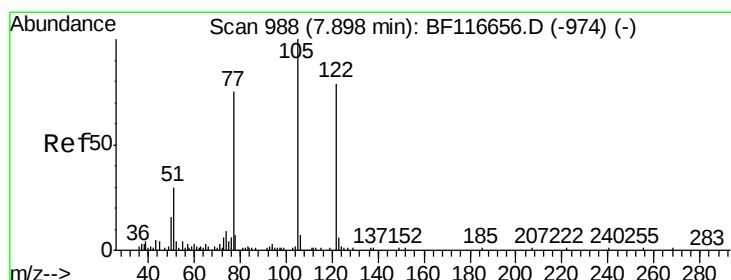
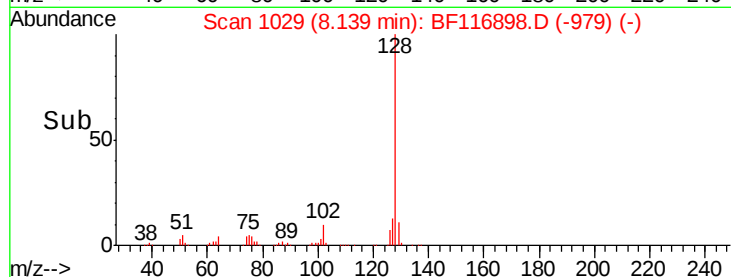
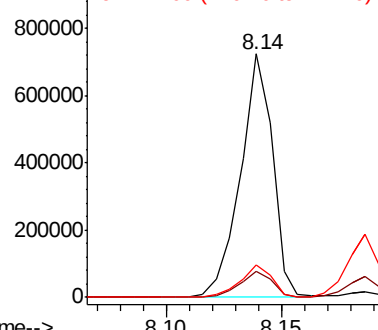


Abundance

Ion 128.00 (127.70 to 128.70): E

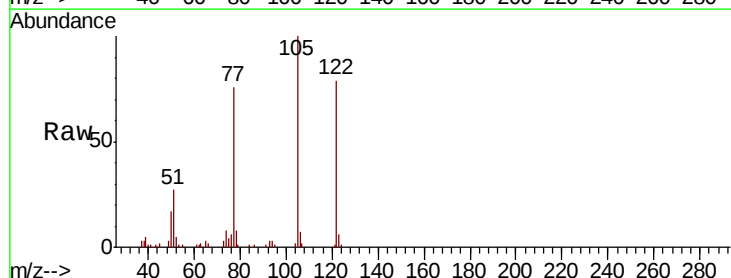
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 50.591 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	138205		
105	126.6		108.0	148.0
77	96.0		78.1	118.1

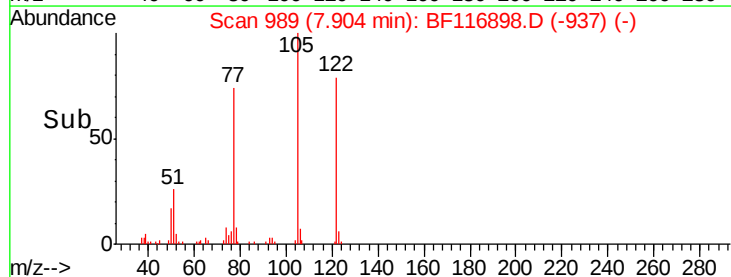
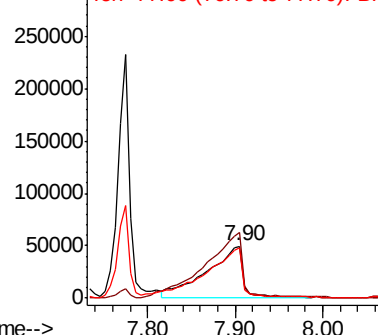


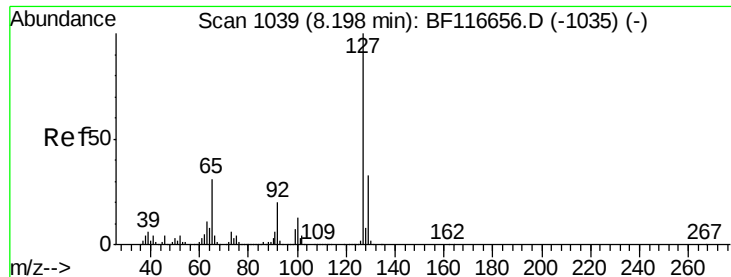
Abundance

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





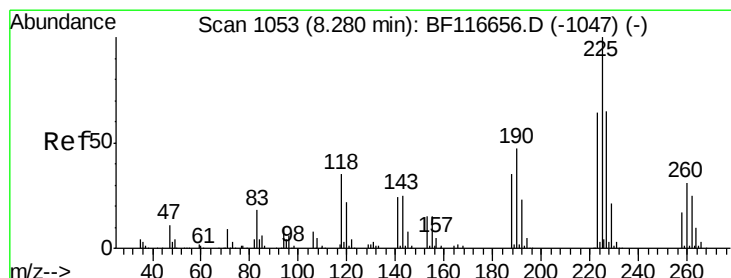
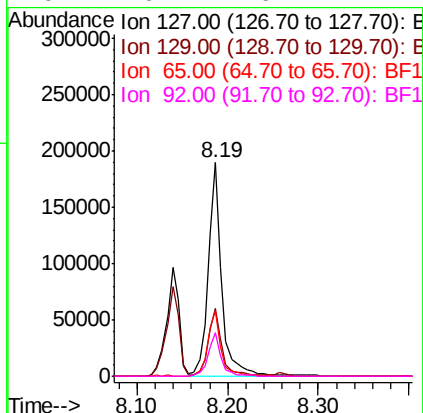
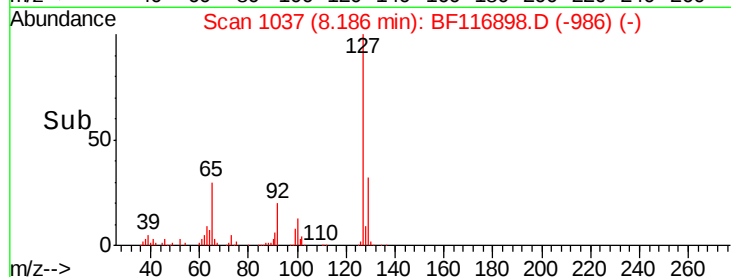
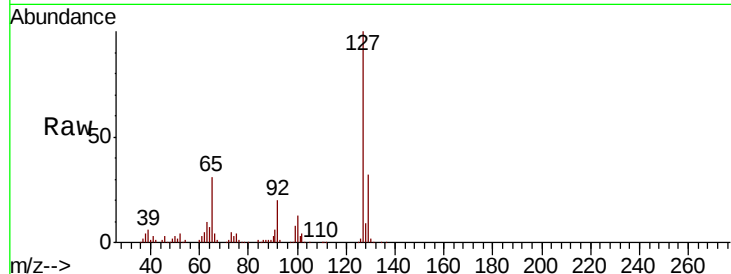
#33
4-Chloroaniline
Concen: 25.641 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	25.3	37.9	
65	30.6	24.9	37.3	
92	20.1	16.1	24.1	

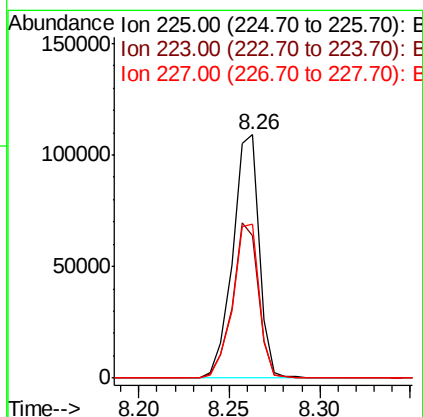
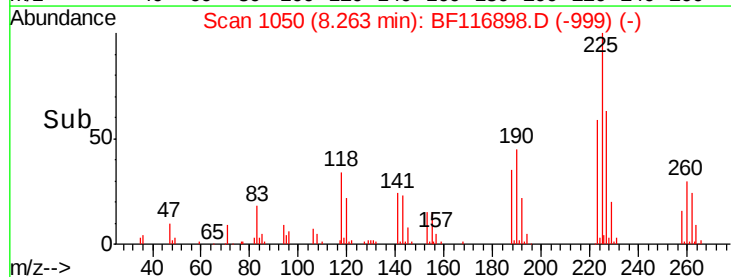
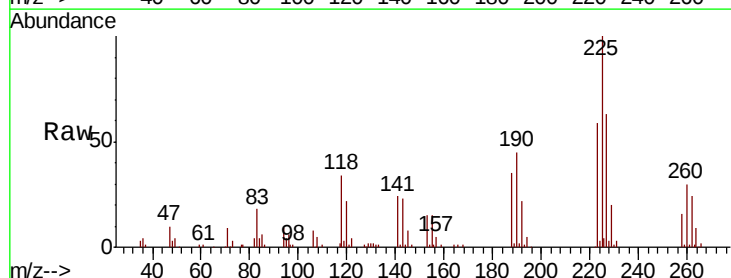
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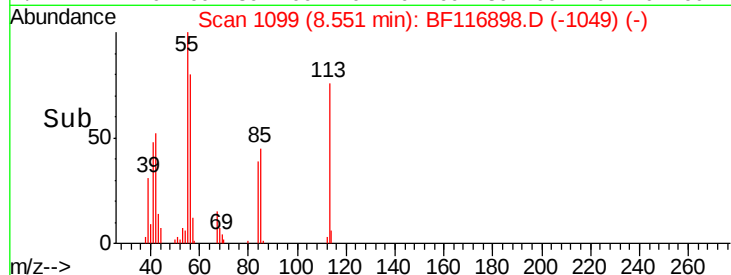
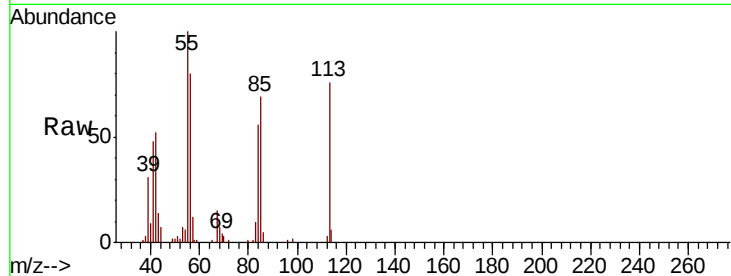
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#34
Hexachlorobutadiene
Concen: 40.253 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	58.6	51.4	77.2	
227	63.0	50.1	75.1	





#35

Caprolactam

Concen: 36.548 ng/ml

RT: 8.55 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Tot Ion:	113	Resp:	63596
Ion Ratio	Lower	Upper	
113	100		
55	131.9	118.4	158.4
56	105.2	88.8	128.8

Instrument :

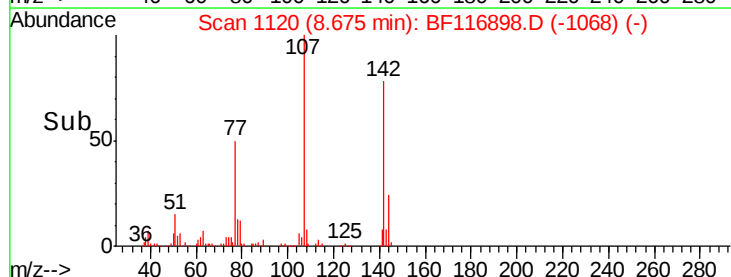
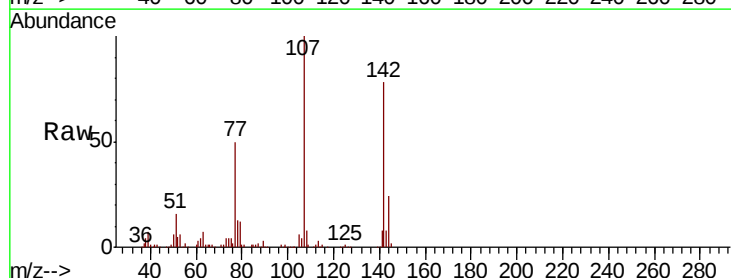
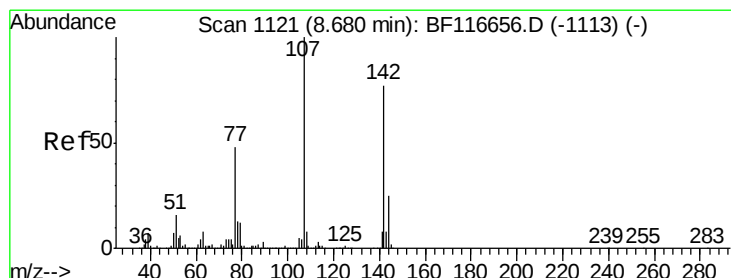
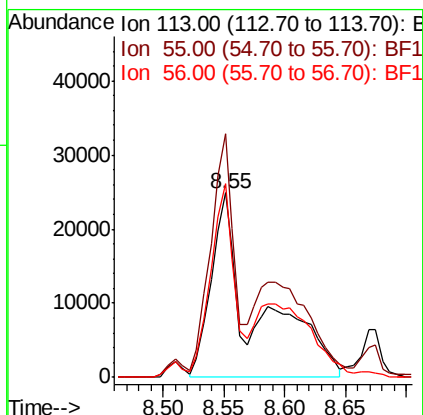
BNA_F

ClientSampleId :

PB122923BS

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#36

4-Chloro-3-methylphenol

Concen: 44.345 ng/ml

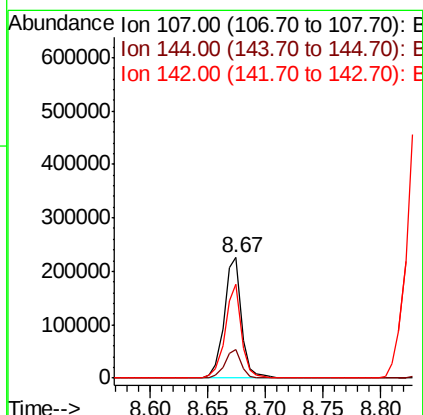
RT: 8.67 min Scan# 1120

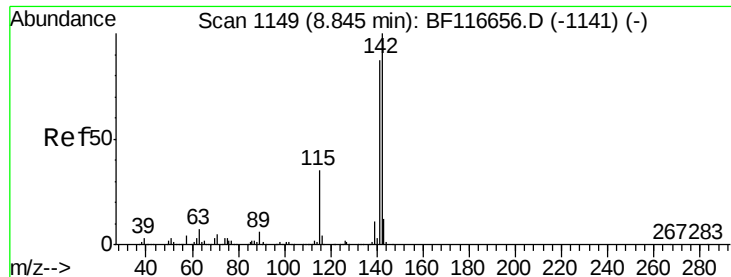
Delta R.T. 0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Tgt Ion:	107	Resp:	236975
Ion Ratio	Lower	Upper	
107	100		
144	24.1	18.7	28.1
142	78.1	57.4	86.2





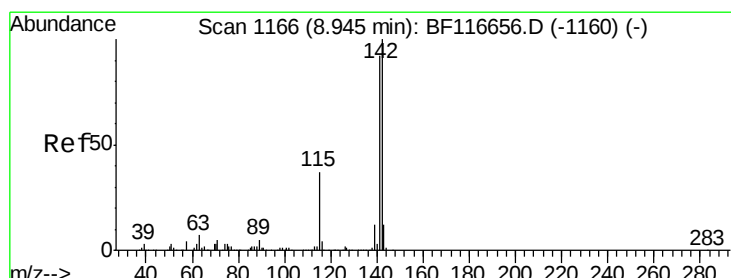
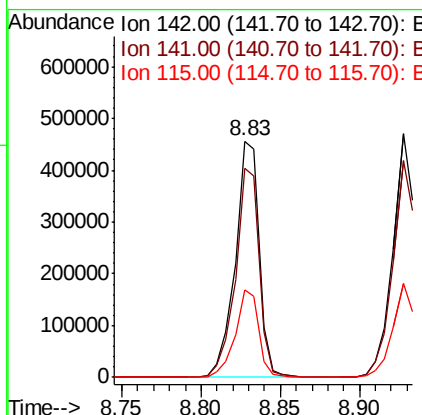
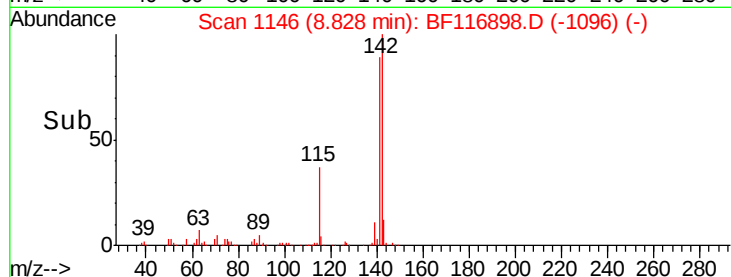
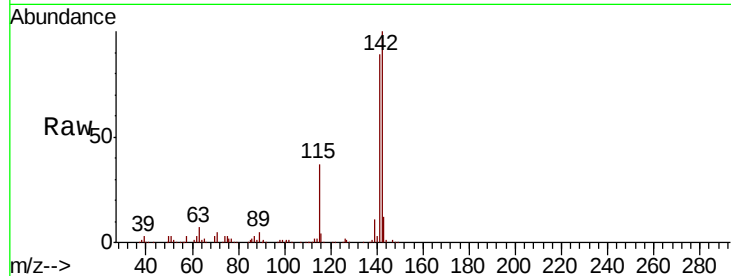
#37
2-Methylnaphthalene
Concen: 41.964 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.2	105.2
115	37.2	27.7	41.5

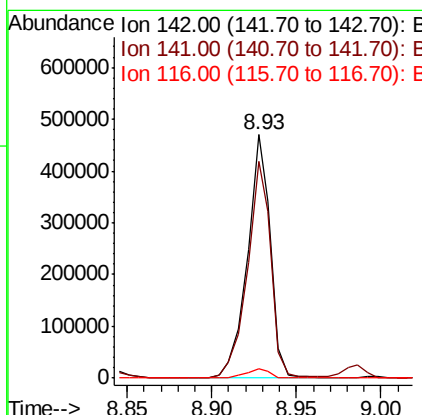
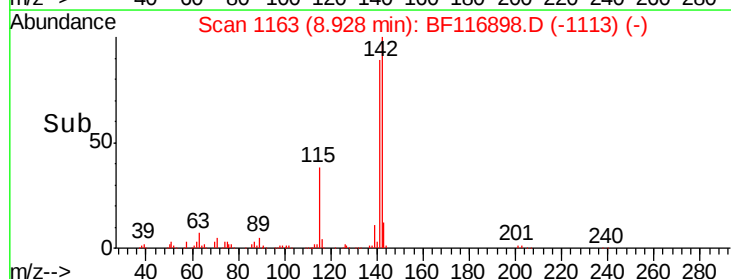
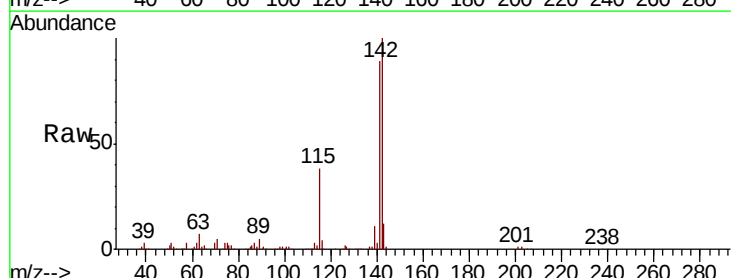
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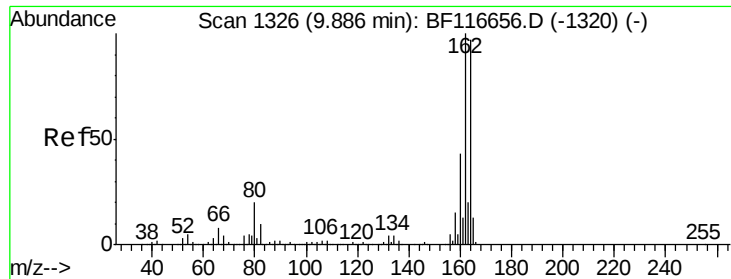
mohammad
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#38
1-Methylnaphthalene
Concen: 41.135 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	73.2	109.8
116	3.8	2.9	4.3





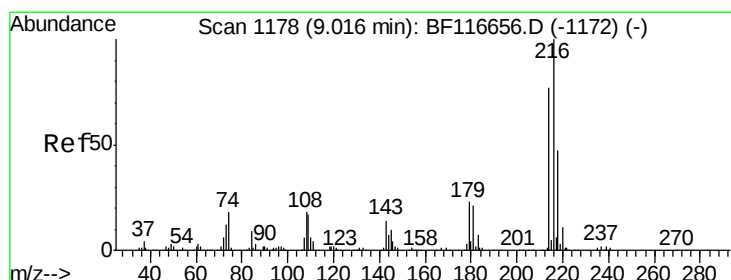
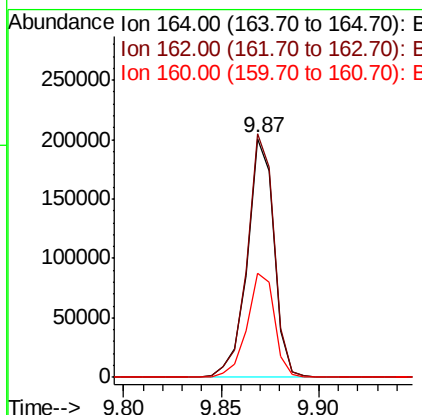
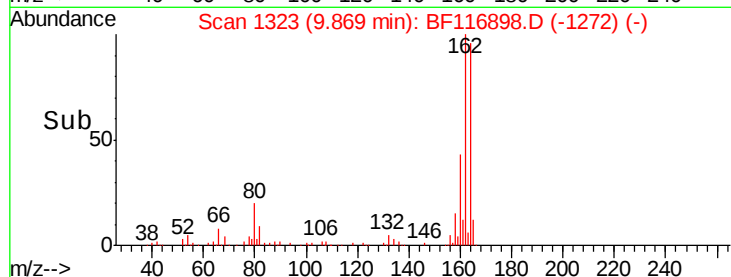
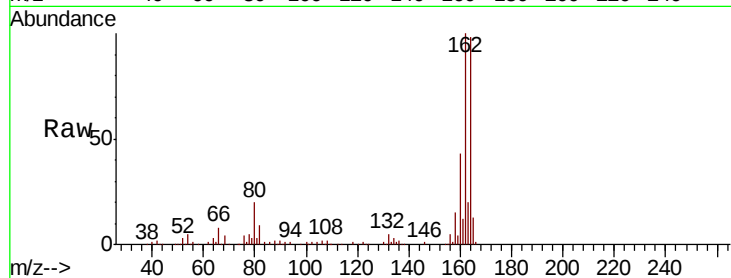
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampled :
PB122923BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	190562		
162	102.0	80.6	121.0	
160	43.8	35.4	53.2	

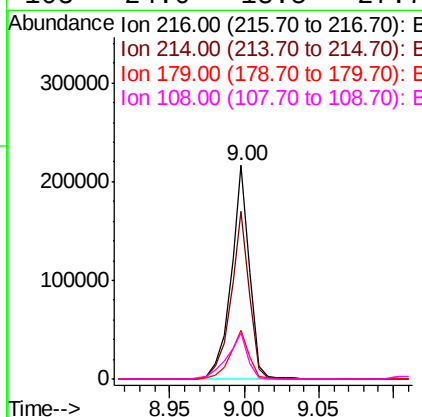
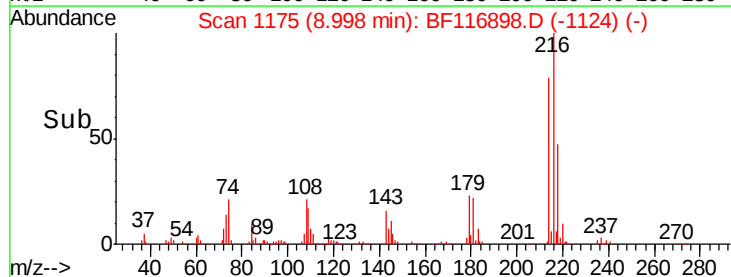
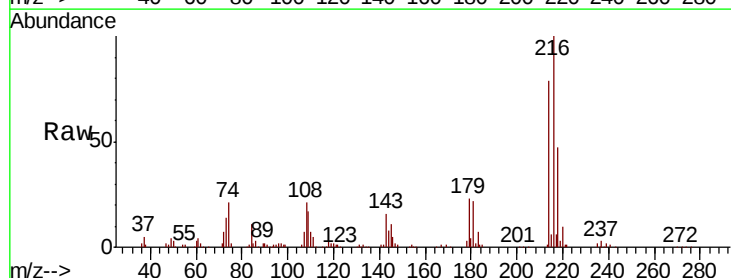
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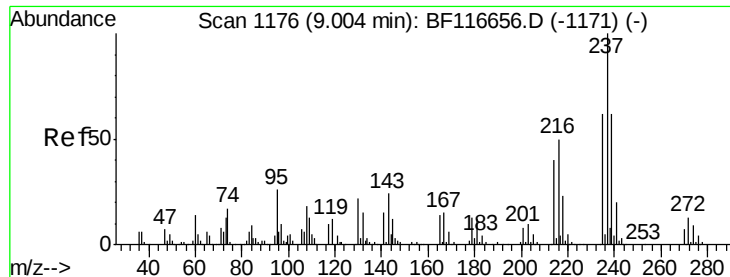
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.794 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	186354		
214	79.2	64.1	96.1	
179	23.2	19.0	28.4	
108	24.0	18.5	27.7	





#41

Hexachlorocyclopentadiene

Concen: 58.378 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

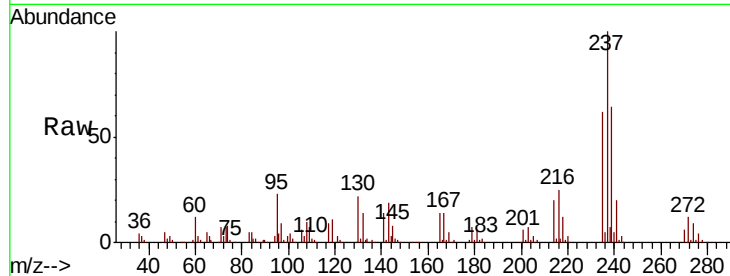
ClientSampleId :

PB122923BS

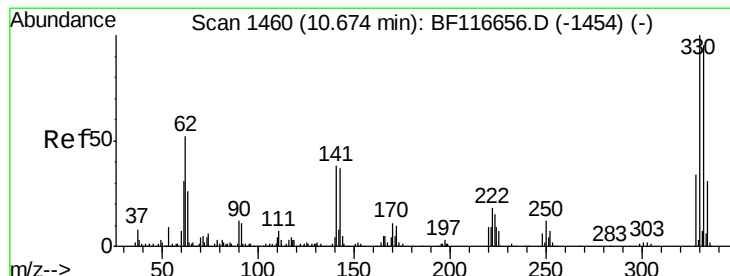
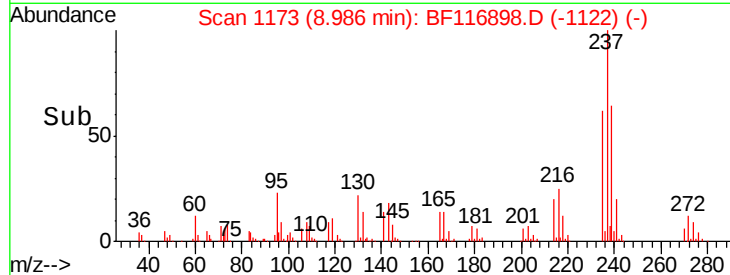
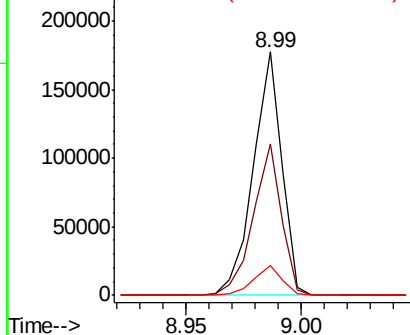
Tot Ion:	237	Resp:	153998
Ion Ratio		Lower	Upper
237	100		
235	62.1	43.5	83.5
272	12.2	0.0	32.0

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



#42

2,4,6-Tribromophenol

Concen: 125.216 ng

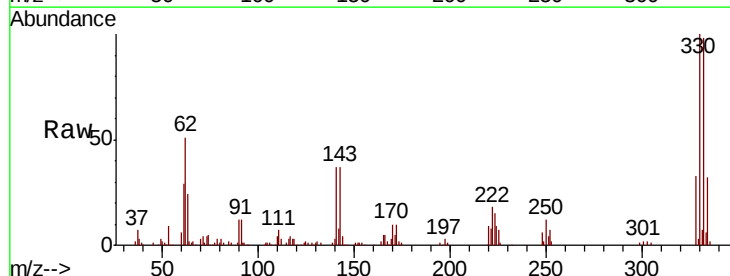
RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

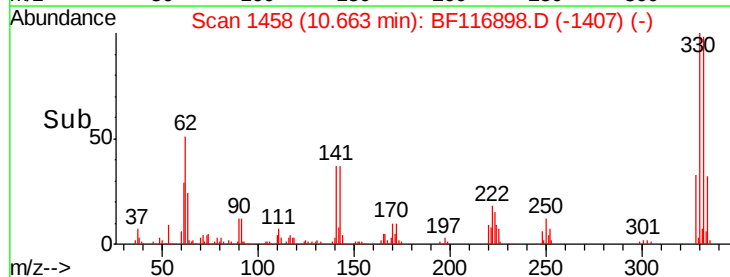
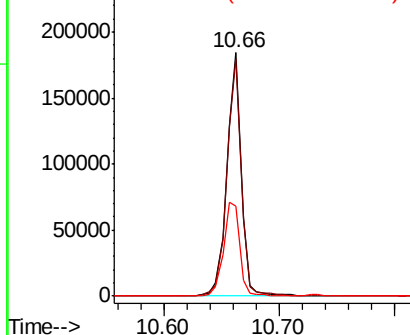
Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Tgt Ion:	330	Resp:	159518
Ion Ratio		Lower	Upper
330	100		
332	98.2	77.3	115.9
141	43.9	35.2	52.8



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





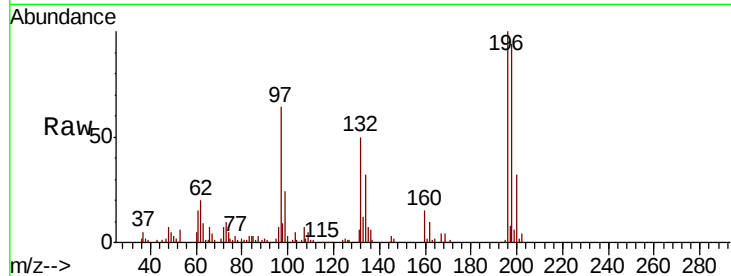
#43
 2,4,6-Trichlorophenol
 Concen: 42.244 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122923BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	132283		
198	94.3	75.6	113.4	
200	31.7	24.9	37.3	

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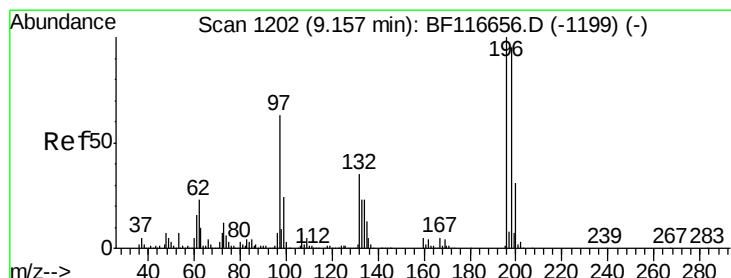
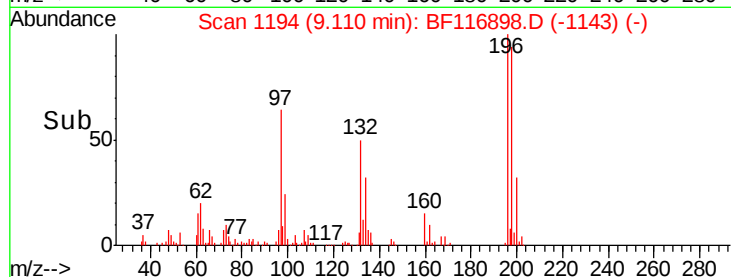
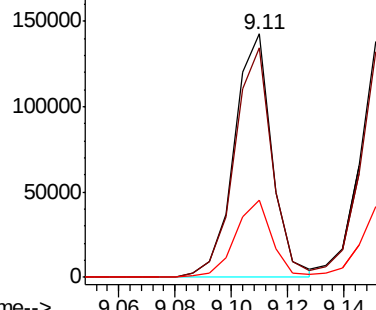


Abundance

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: 44.856 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145827		
198	95.6	76.4	114.6	
97	65.1	46.9	70.3	
132	34.3	26.6	40.0	

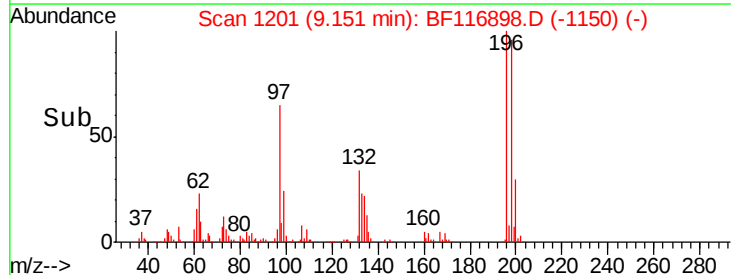
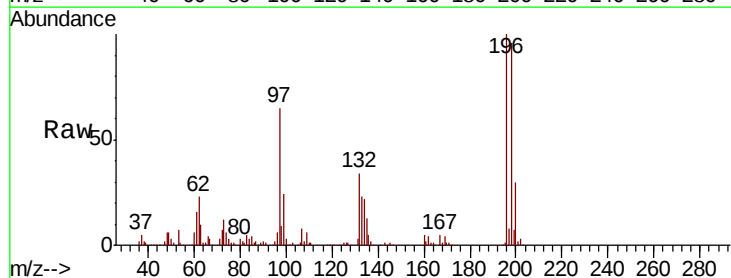
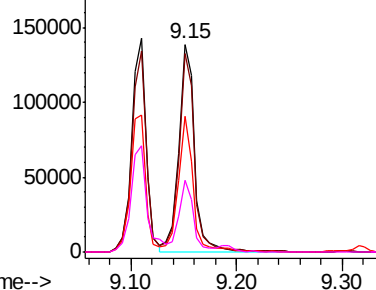
Abundance

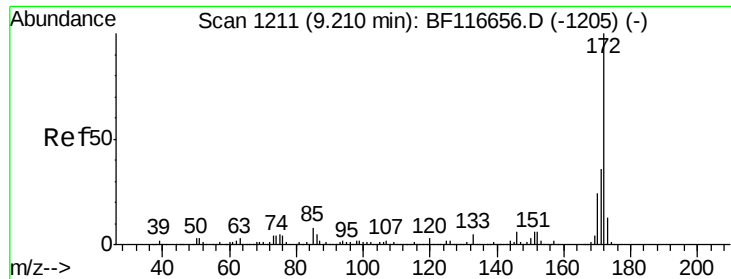
Ion 196.00 (195.70 to 196.70): E

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





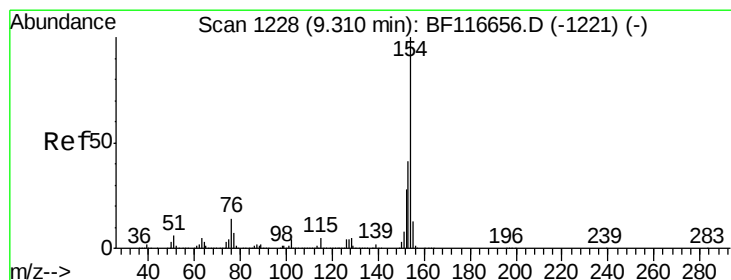
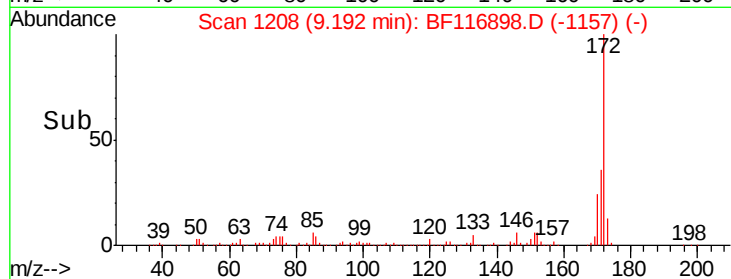
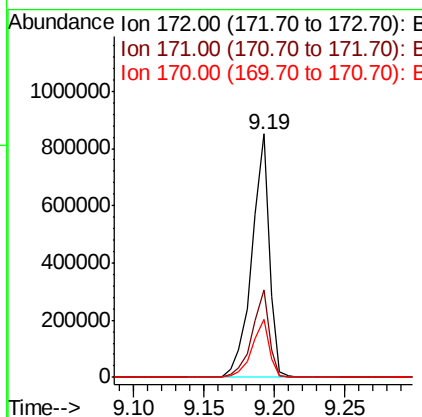
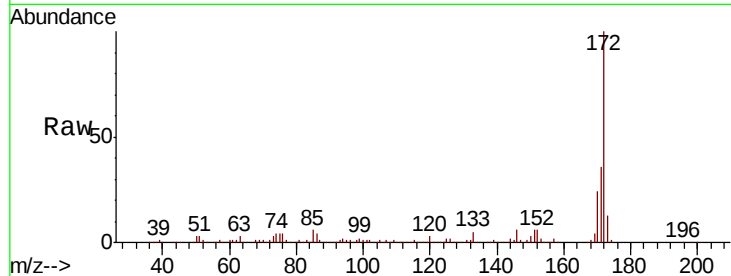
#45
2-Fluorobiphenyl
Concen: 65.548 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	35.8	28.3	42.5		
170	23.7	19.2	28.8		

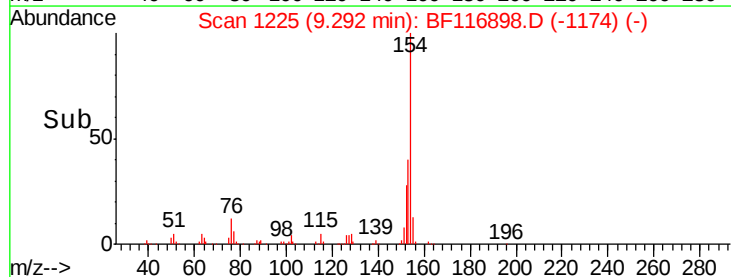
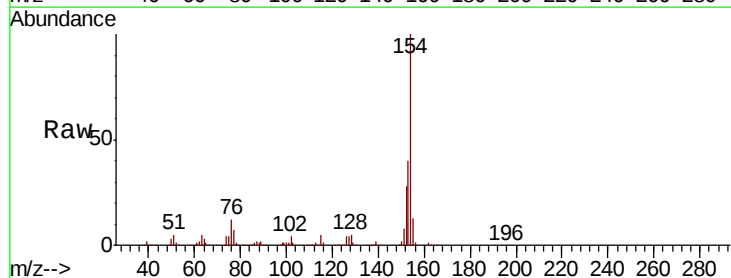
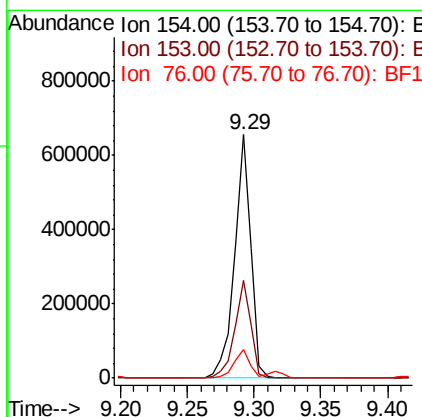
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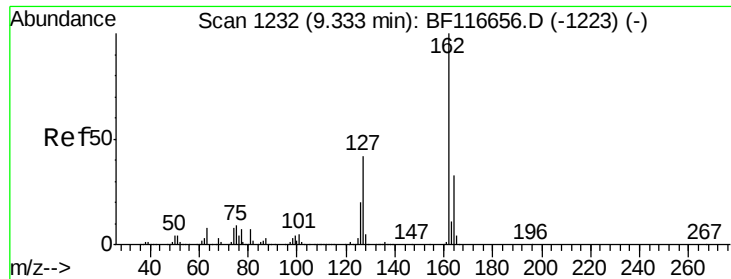
mohammad
9/12/2019 9:28:02 AM



#46
1,1'-Biphenyl
Concen: 38.932 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	40.1	20.8	60.8		
76	12.0	0.0	33.1		





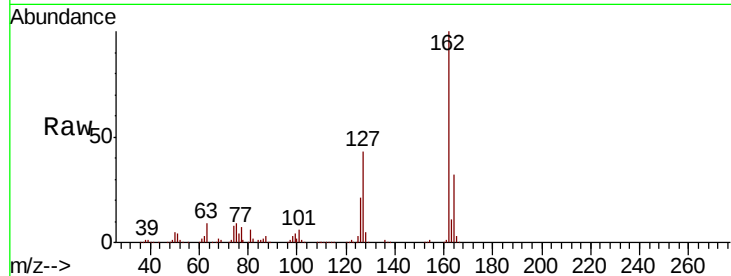
#47
2-Chloronaphthalene
Concen: 38.746 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	32.8	49.2
164	31.7	26.1	39.1

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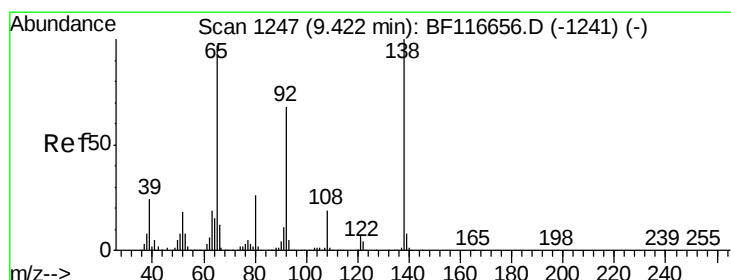
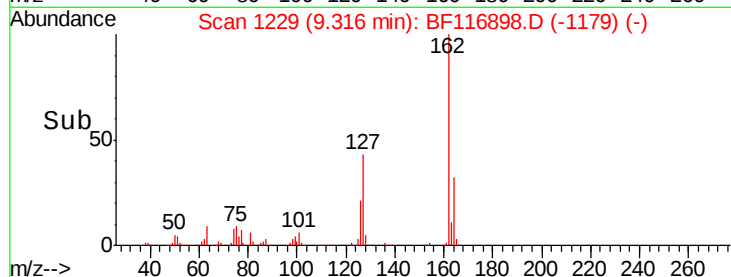
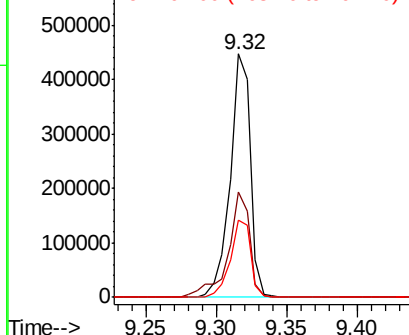


Abundance

Ion 162.00 (161.70 to 162.70): E

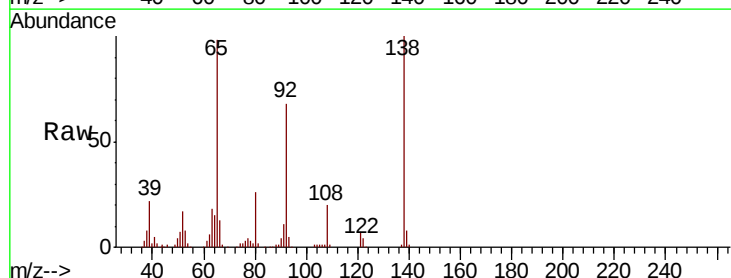
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.649 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	58.3	87.5
138	101.6	94.7	142.1

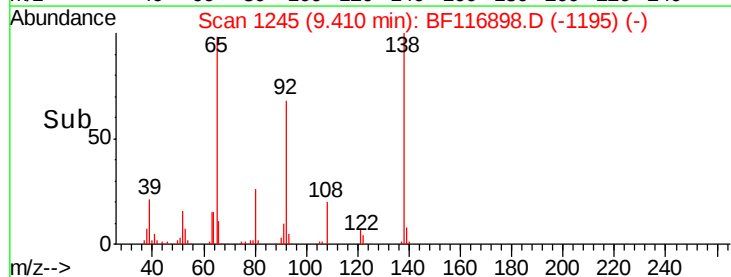
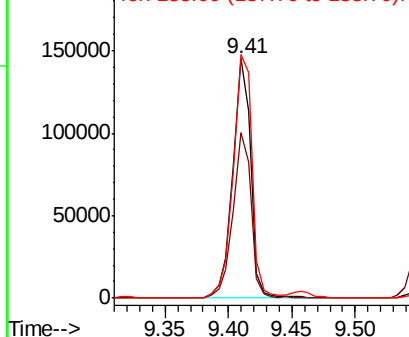


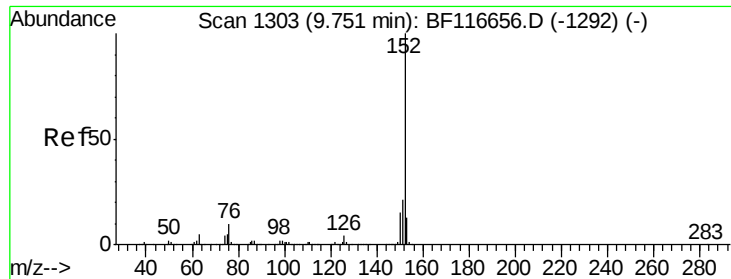
Abundance

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





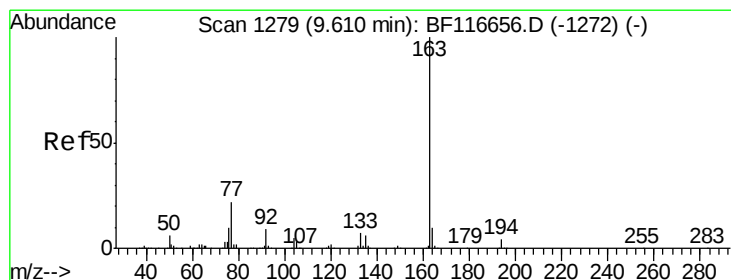
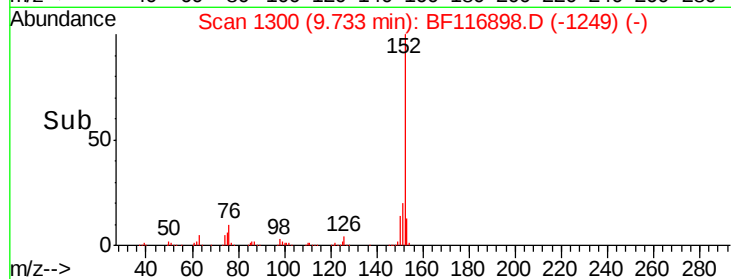
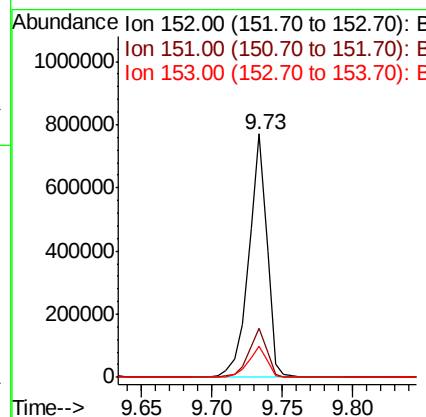
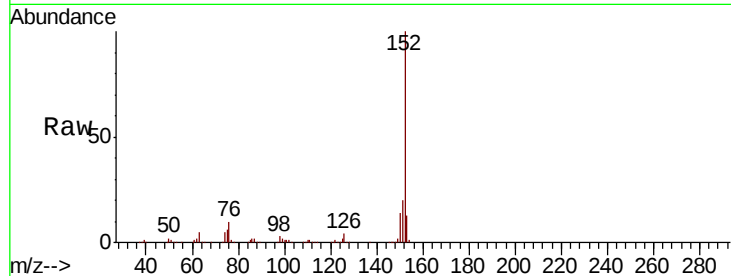
#49
Acenaphthylene
Concen: 39.668 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	686756		
151	20.3		16.3	24.5
153	13.0		11.0	16.4

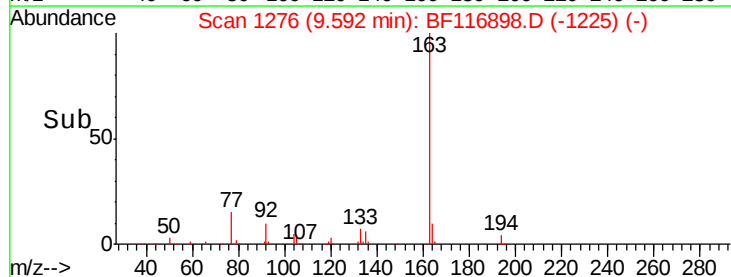
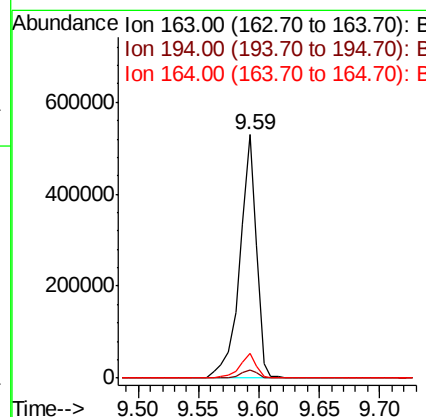
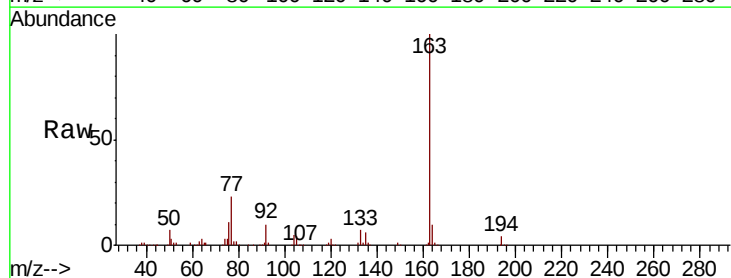
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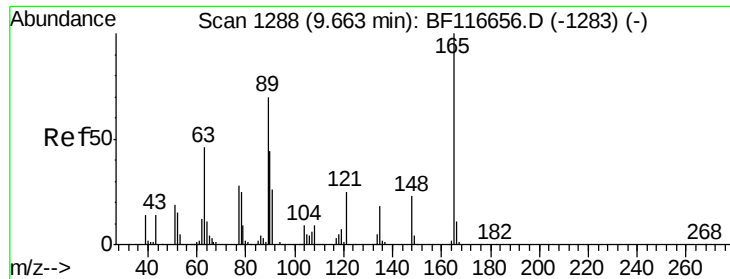
mohammad
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#50
Dimethylphthalate
Concen: 38.620 ng
RT: 9.59 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	508099		
194	3.5		2.9	4.3
164	10.1		8.0	12.0





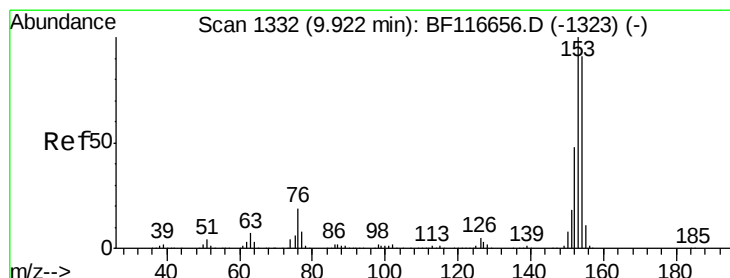
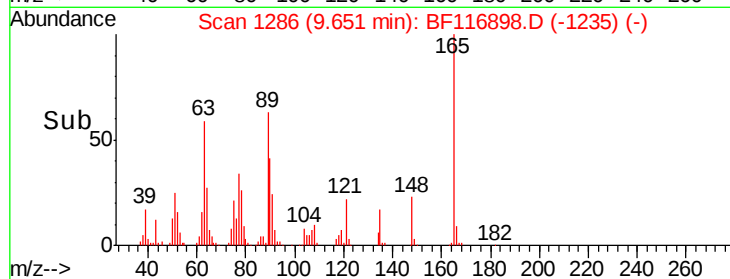
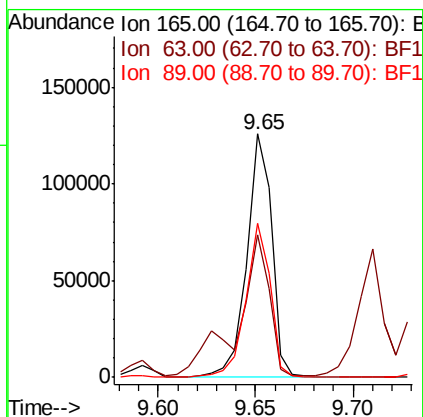
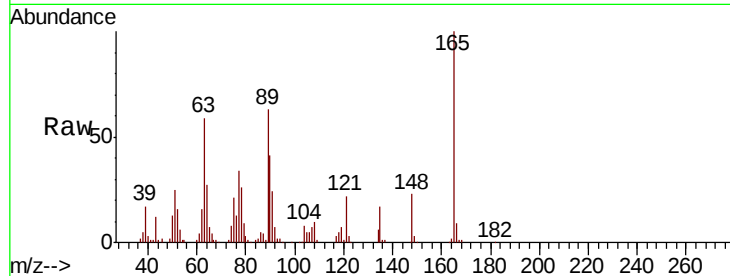
#51
2,6-Dinitrotoluene
Concen: 44.415 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.5	50.8	76.2	
89	63.1	54.8	82.2	

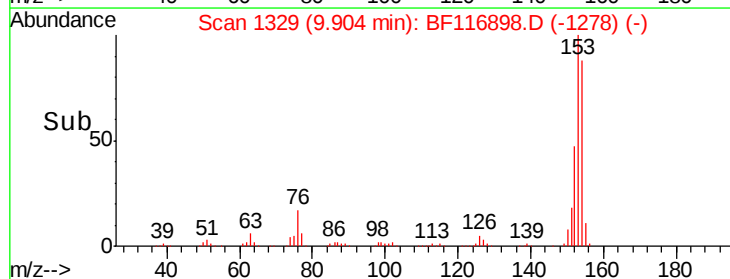
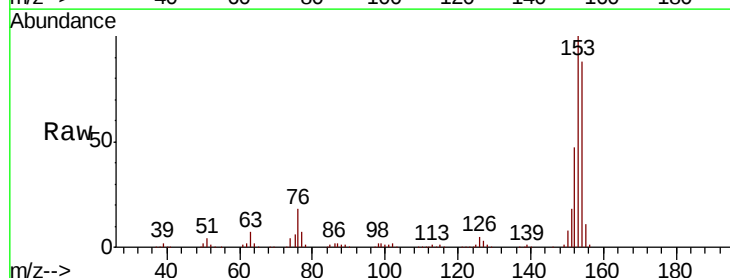
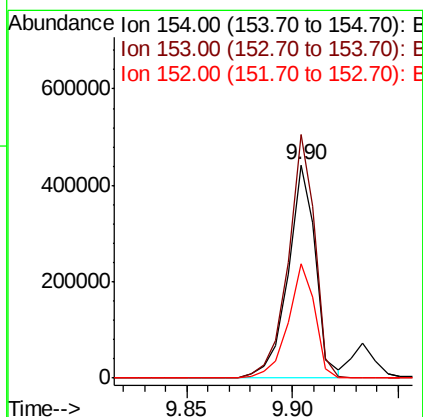
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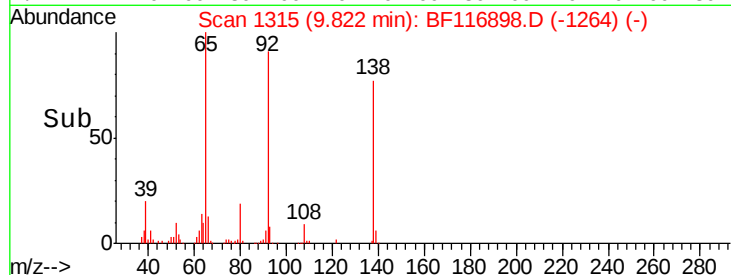
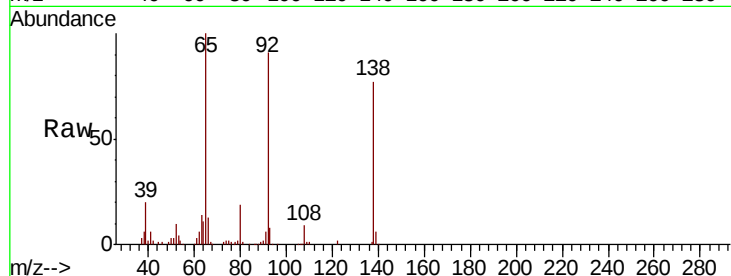
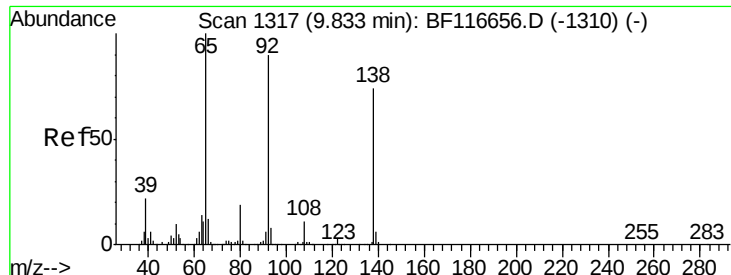
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#52
Acenaphthene
Concen: 37.844 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.2	88.9	133.3	
152	53.7	43.0	64.6	





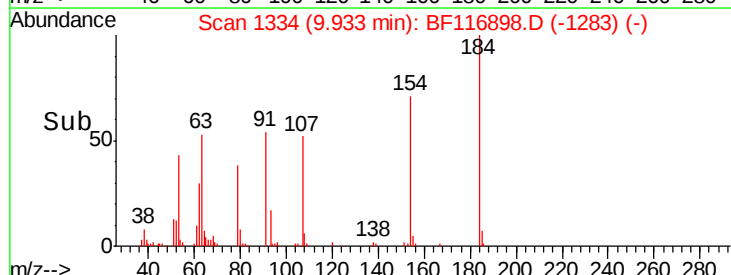
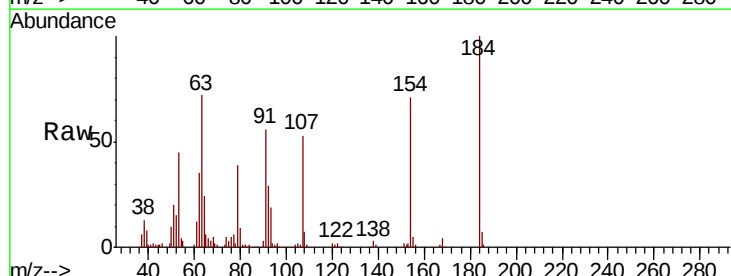
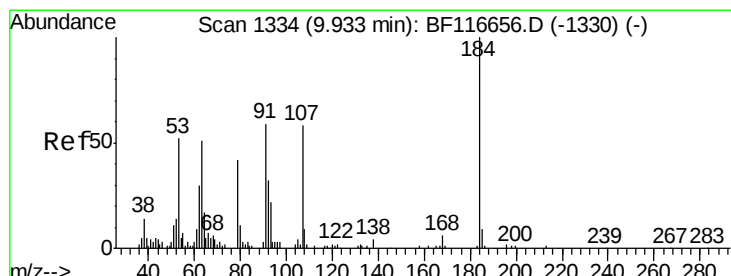
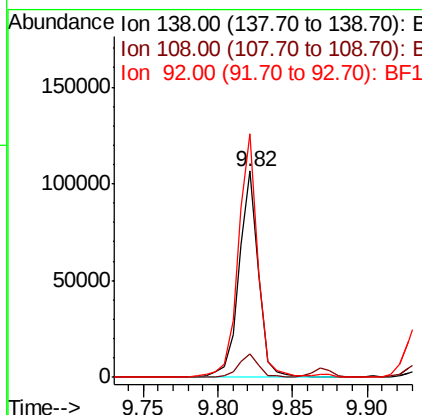
#53
3-Nitroaniline
Concen: 30.640 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tot Ion	Ratio	Resp	Lower	Upper
138	100	96383		
108	11.5	10.3	15.5	
92	118.0	98.5	147.7	

Instrument :
BNA_F
ClientSampleId :
PB122923BS

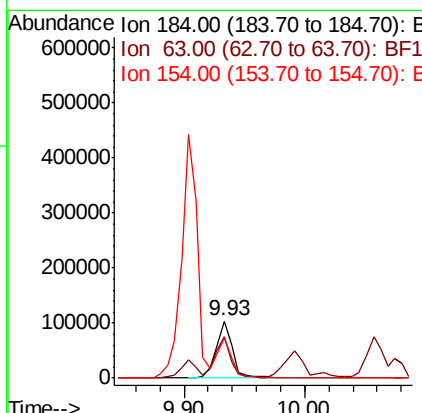
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#54
2,4-Dinitrophenol
Concen: 104.312 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	95666		
63	71.9	51.4	77.2	
154	70.8	54.0	81.0	





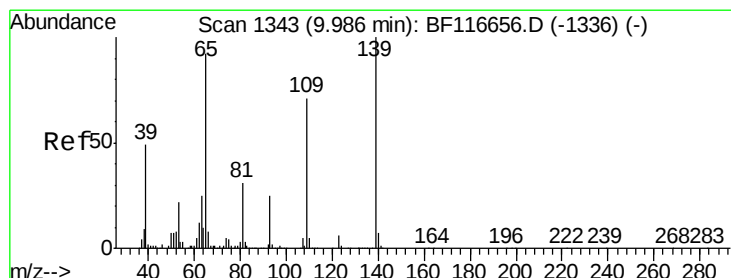
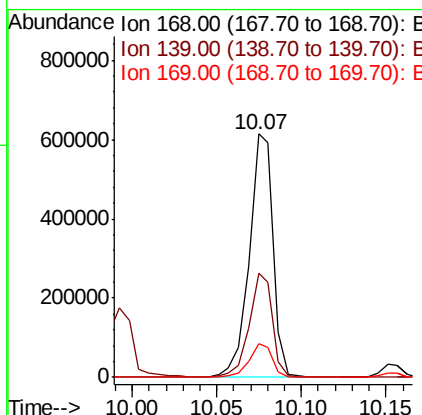
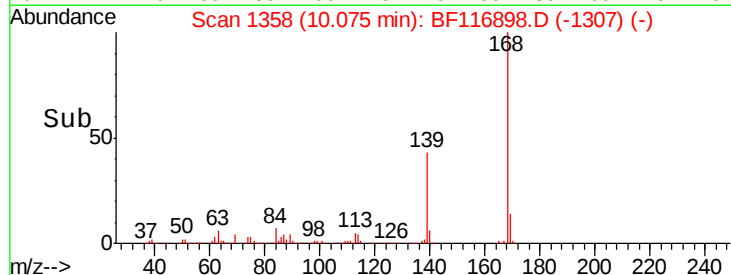
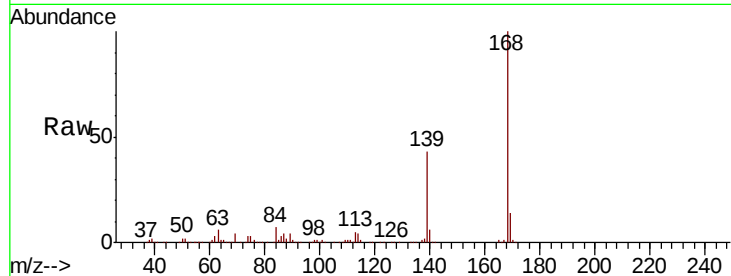
#55
Dibenzofuran
Concen: 40.402 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.6	33.0	49.6	
169	14.0	10.6	15.8	

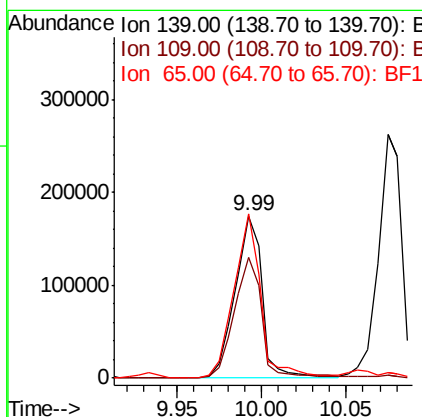
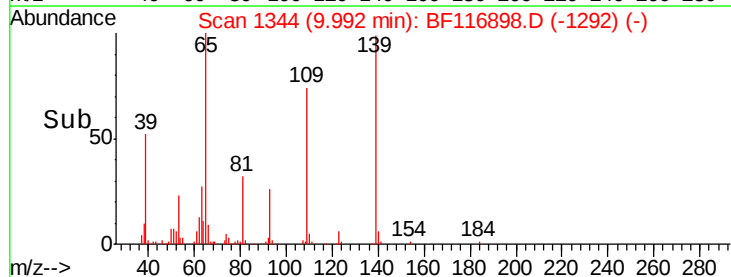
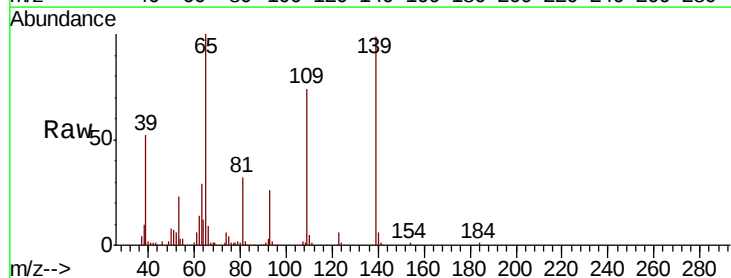
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#56
4-Nitrophenol
Concen: 90.652 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	74.5	56.5	96.5	
65	101.3	78.8	118.8	





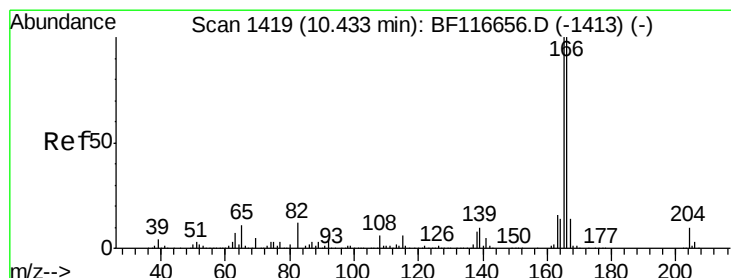
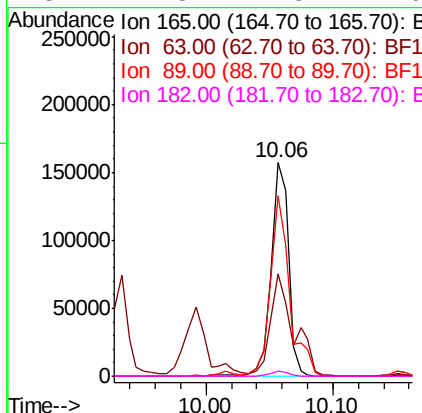
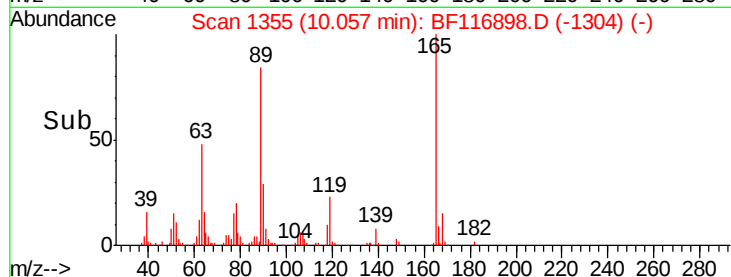
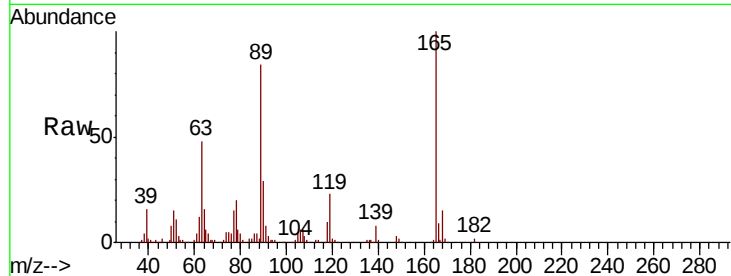
#57
 2,4-Dinitrotoluene
 Concen: 48.515 ng
 RT: 10.06 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122923BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		148907		
63	47.9	35.3	52.9		
89	84.4	63.8	95.8		
182	2.3	1.8	2.6		

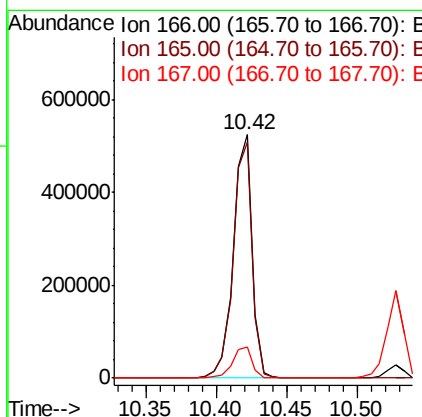
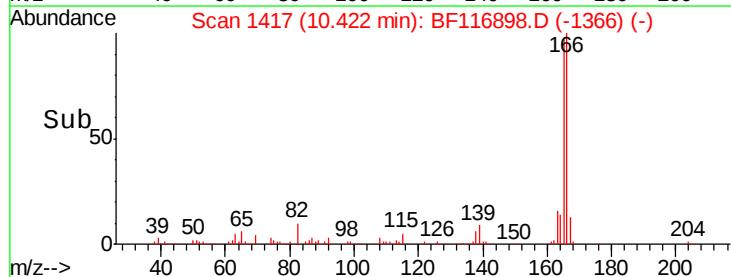
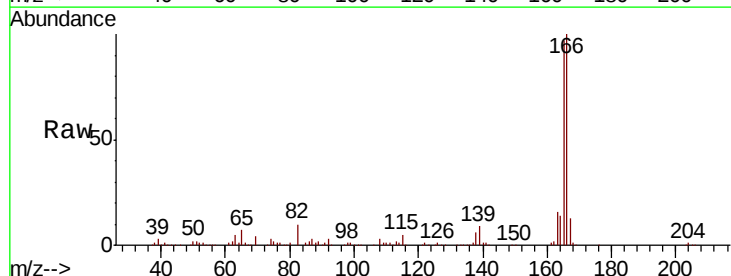
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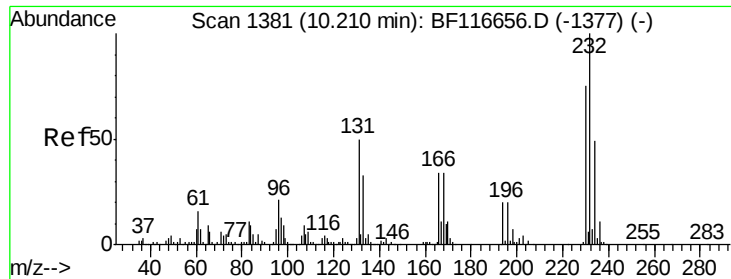
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#58
 Fluorene
 Concen: 42.417 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		484660		
165	97.1	79.2	118.8		
167	12.8	10.8	16.2		





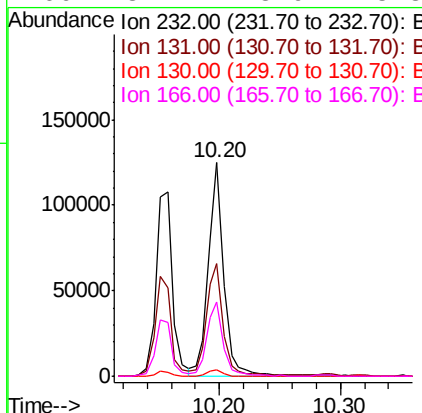
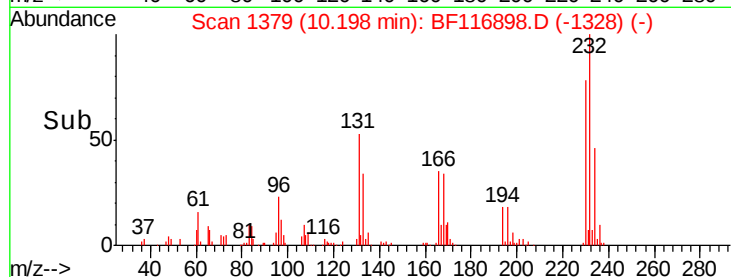
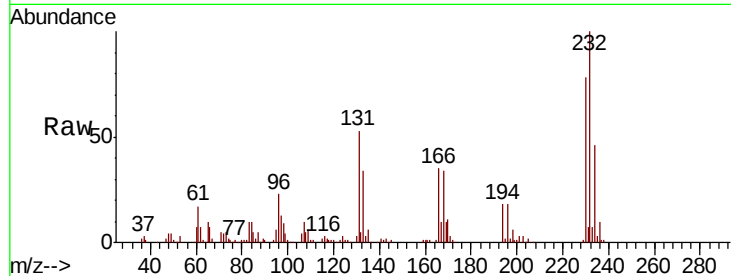
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.108 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	56.1	45.5	68.3	
130	3.0	2.1	3.1	
166	37.2	28.9	43.3	

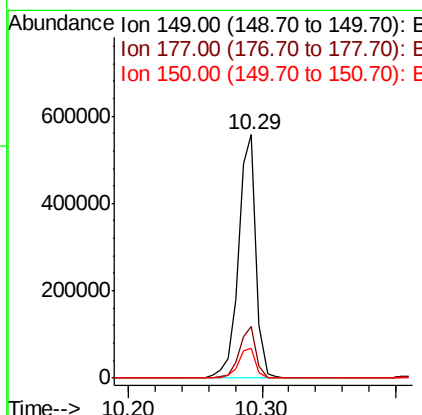
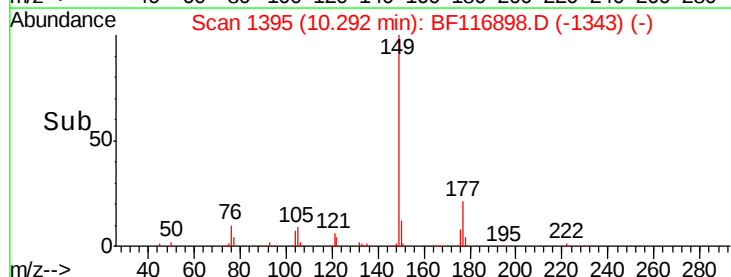
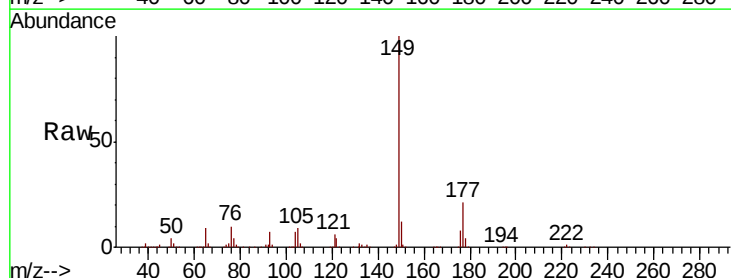
Manual Integrations
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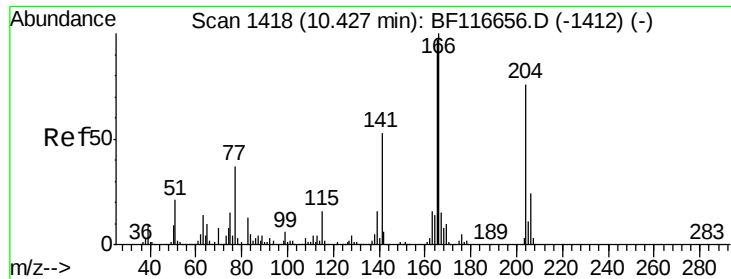
mohammad
9/12/2019 9:28:02 AM



#60
Diethylphthalate
Concen: 38.417 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	21.1	15.9	23.9	
150	12.3	9.7	14.5	





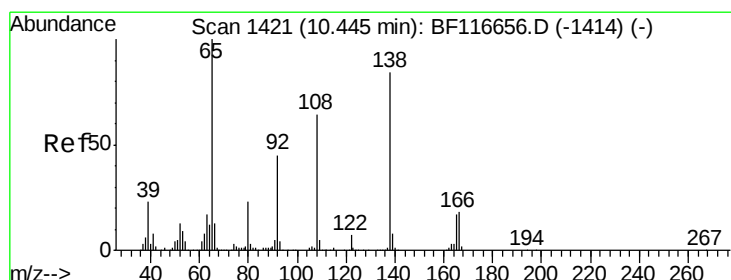
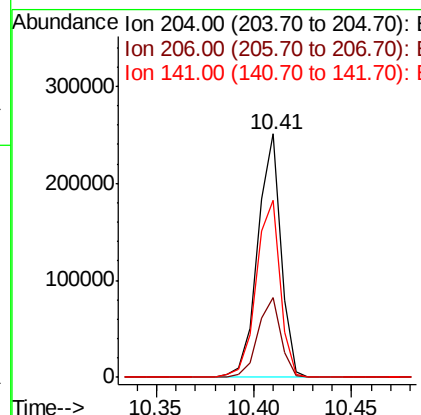
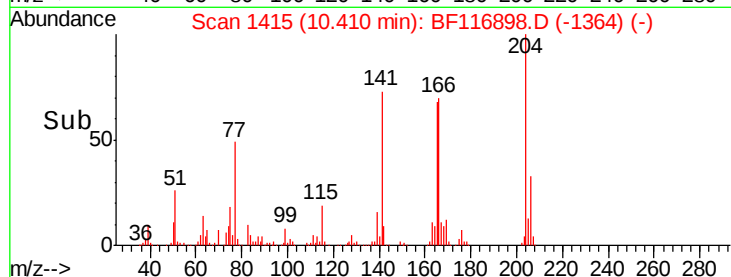
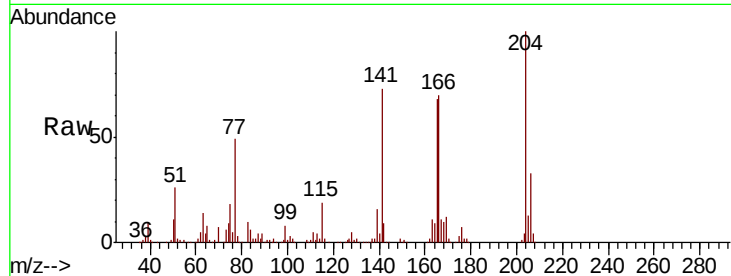
#61
4-Chlorophenyl-phenylether
Concen: 41.300 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	40.0
141	72.6	55.8	83.6

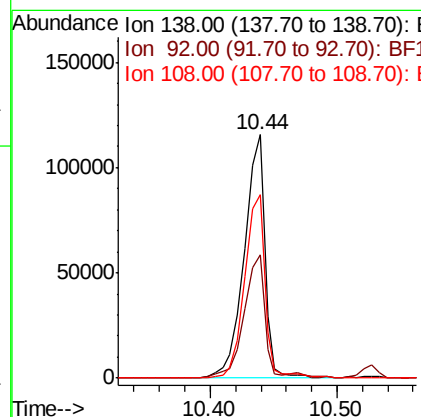
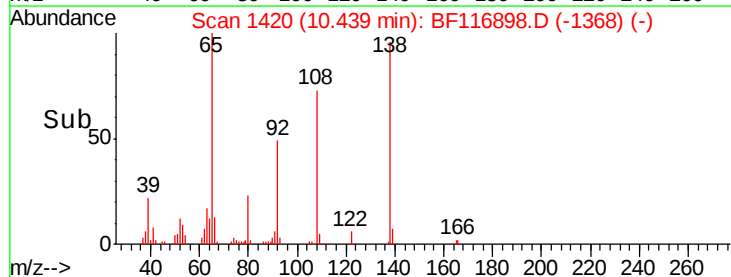
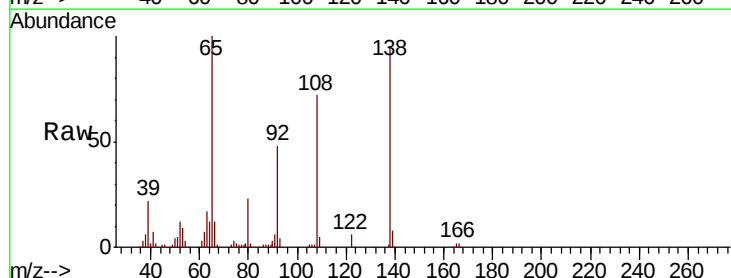
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#62
4-Nitroaniline
Concen: 42.889 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	32.5	72.5
108	75.5	58.2	98.2





#63

Azobenzene

Concen: 38.559 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

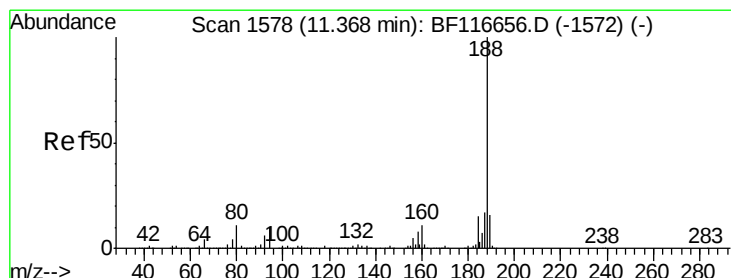
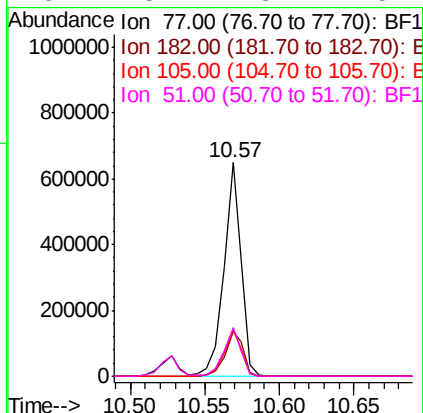
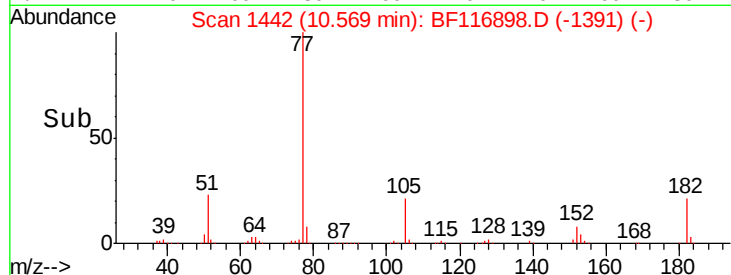
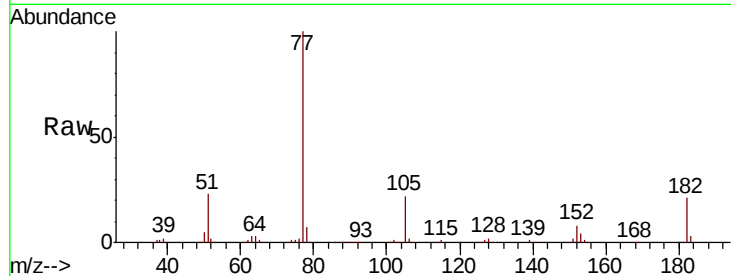
ClientSampleId :

PB122923BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	20.8	1.5	41.5
105	21.7	1.6	41.6
51	23.1	3.7	43.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

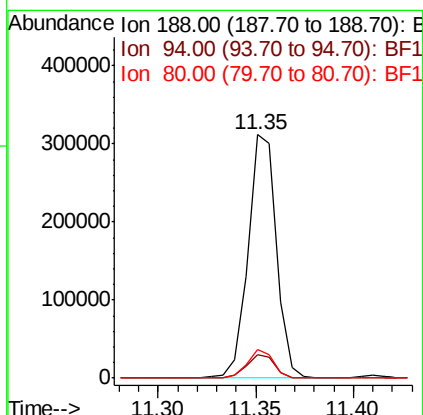
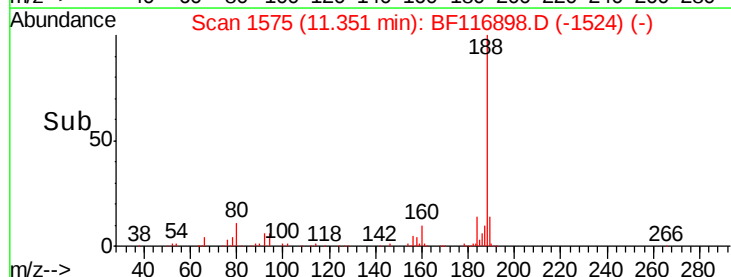
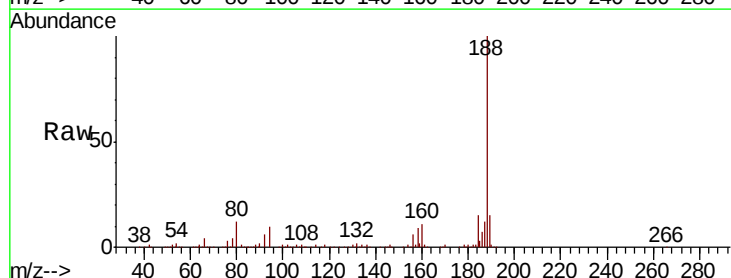
RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	11.5	9.1	13.7





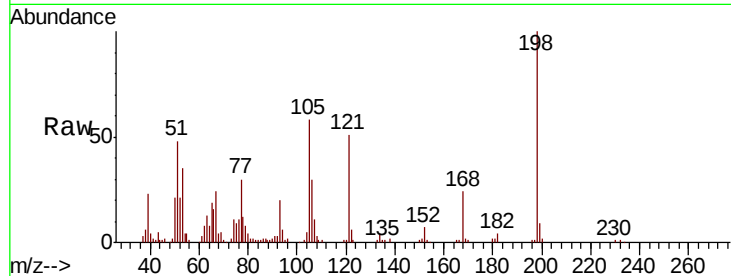
#65
4,6-Dinitro-2-methylphenol
Concen: 55.146 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	64819		
51	48.1		27.2	67.2
105	58.2		37.2	77.2

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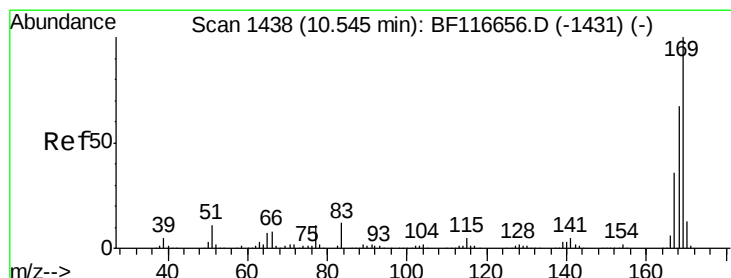
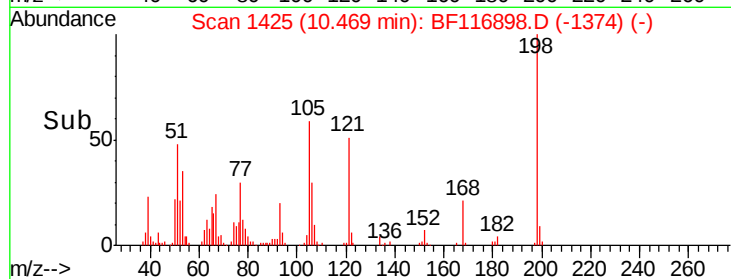
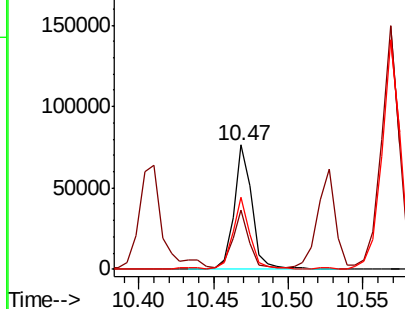


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 39.603 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

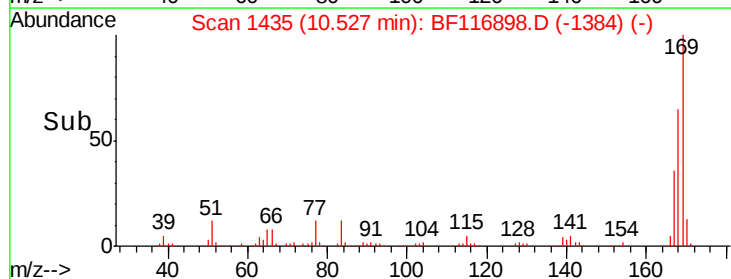
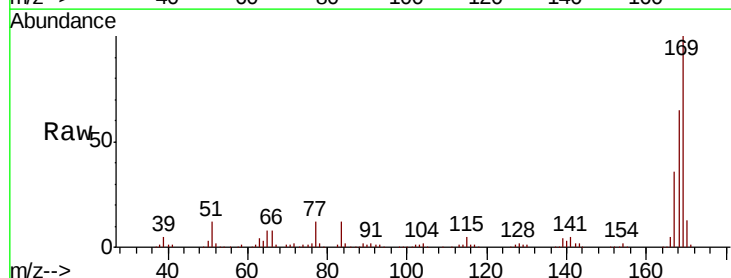
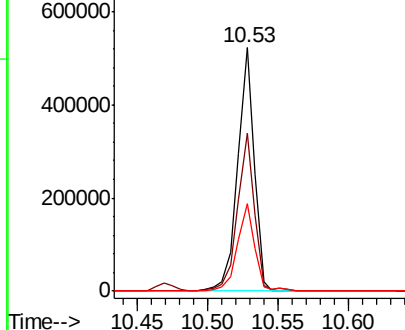
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	427061		
168	64.9		53.4	80.2
167	36.1		28.3	42.5

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





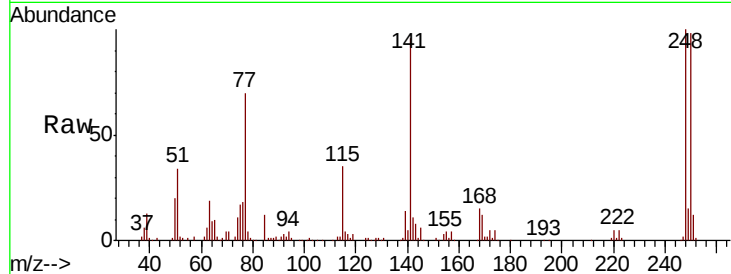
#67
 4-Bromophenyl-phenylether
 Concen: 37.474 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122923BS

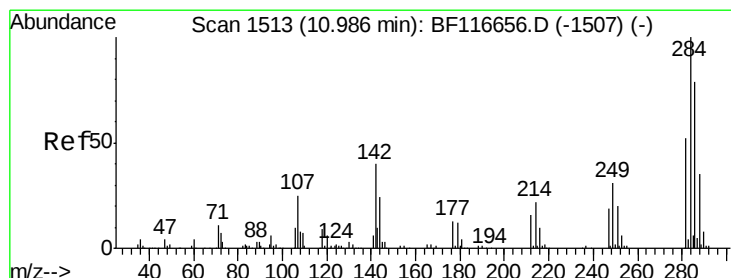
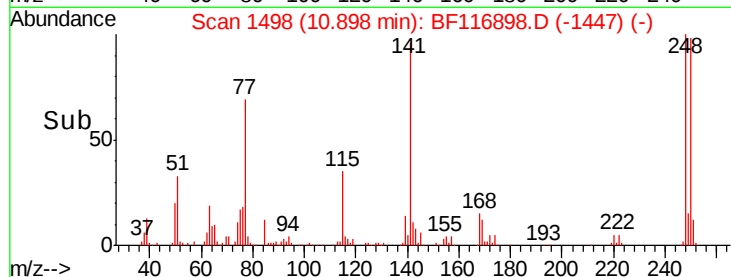
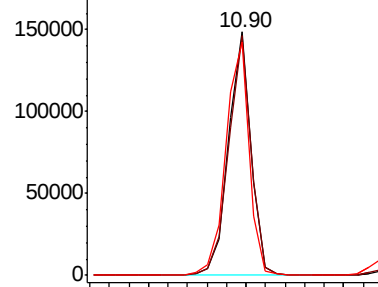
Tot Ion:	248	Resp:	118670
Ion Ratio	Lower	Upper	
248	100		
250	98.5	75.9	113.9
141	96.0	73.2	109.8

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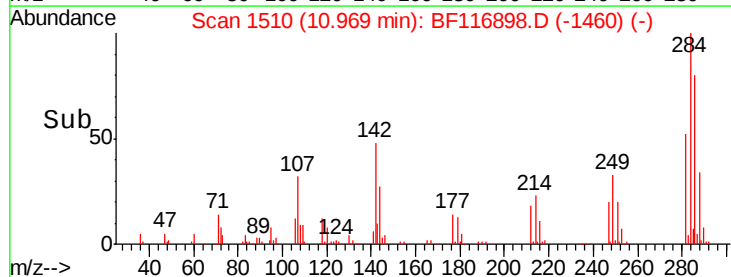
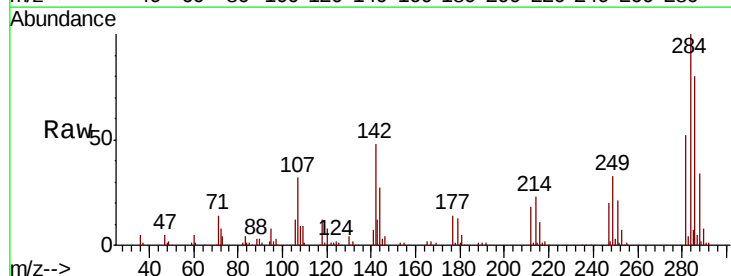
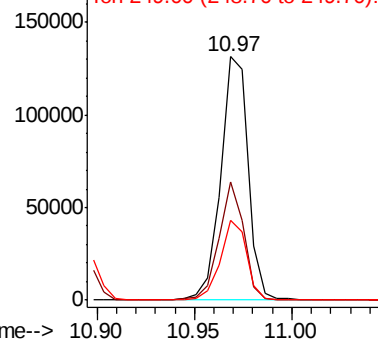
Abundance Ion 248.00 (247.70 to 248.70): E
 200000
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

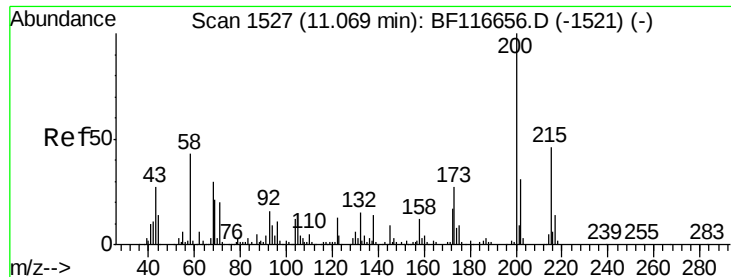


#68
 Hexachlorobenzene
 Concen: 38.550 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion:	284	Resp:	127724
Ion Ratio	Lower	Upper	
284	100		
142	48.4	29.0	43.6#
249	32.6	25.2	37.8

Abundance Ion 283.80 (283.50 to 284.50): E
 150000
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





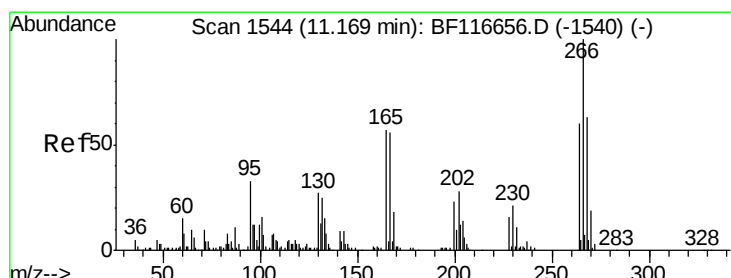
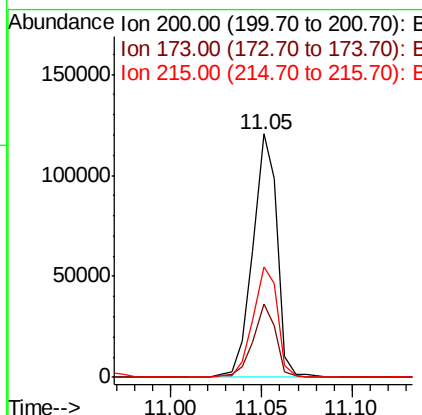
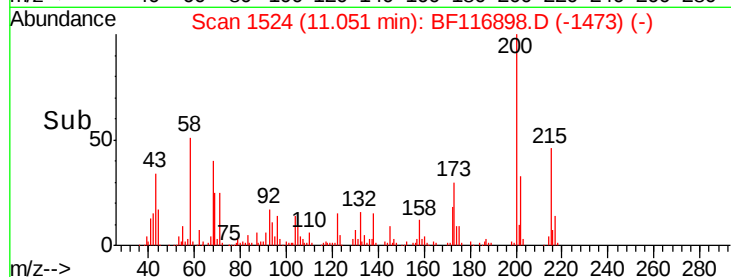
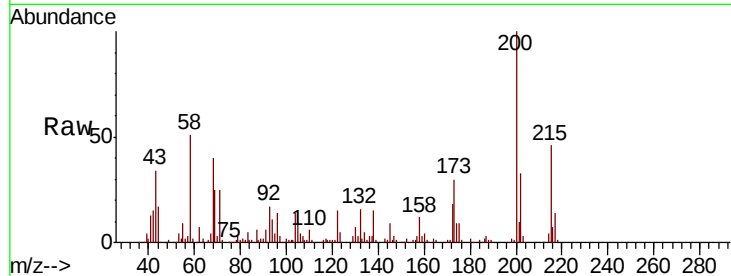
#69
Atrazine
Concen: 37.176 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.3	7.2	47.2
215	45.5	25.6	65.6

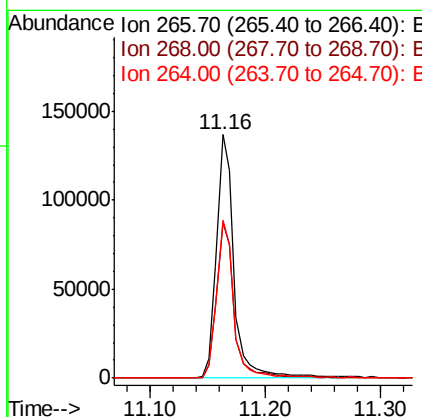
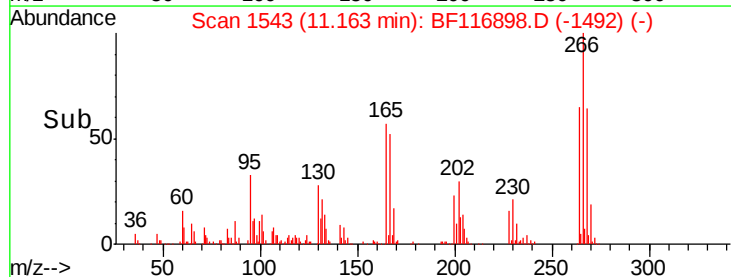
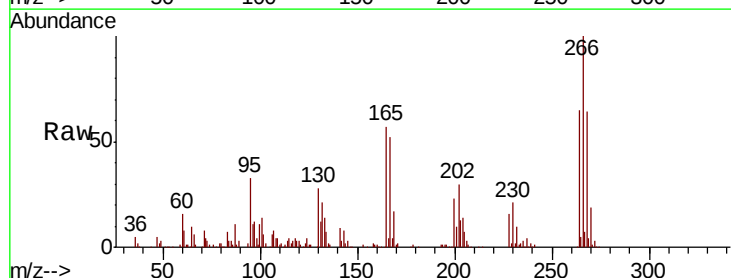
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#70
Pentachlorophenol
Concen: 90.164 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	46.4	69.6
264	64.6	48.2	72.4





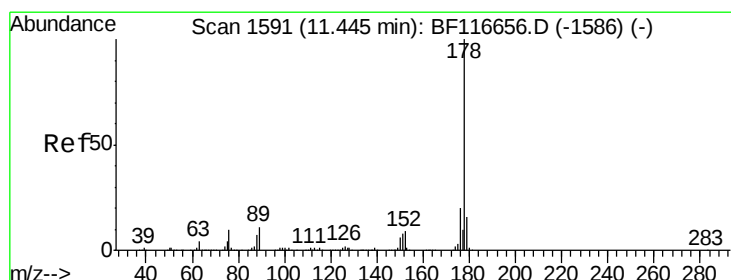
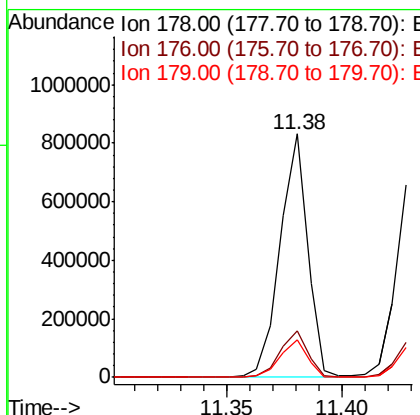
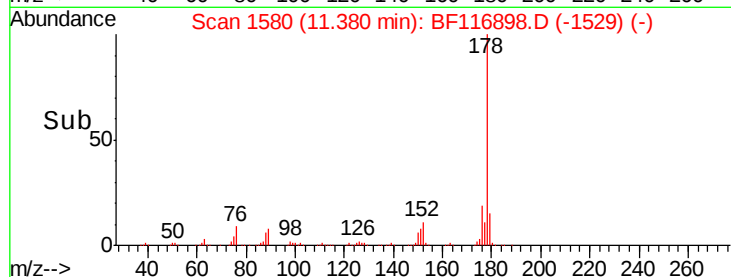
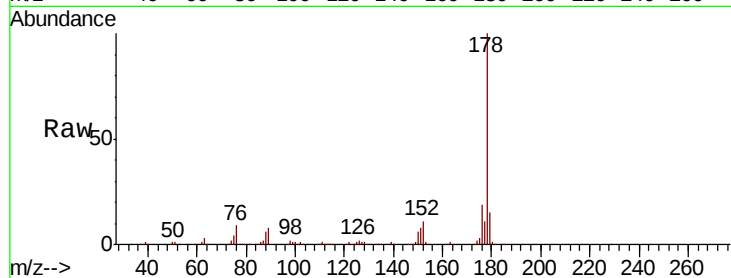
#71
Phenanthrene
Concen: 39.544 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.4	12.1	18.1

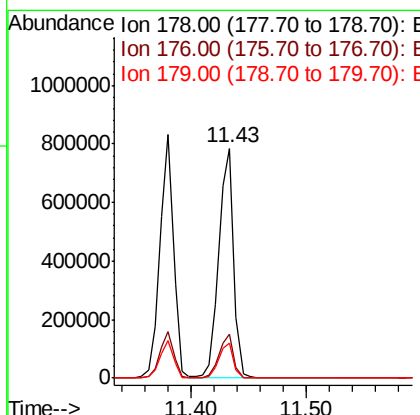
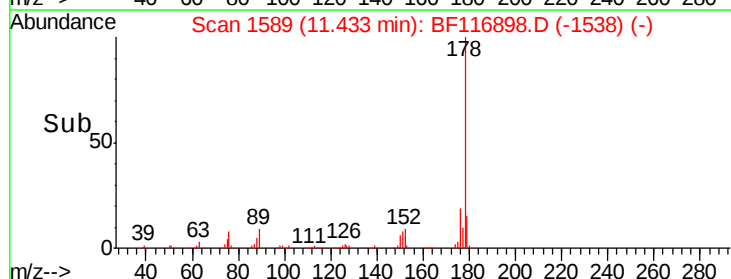
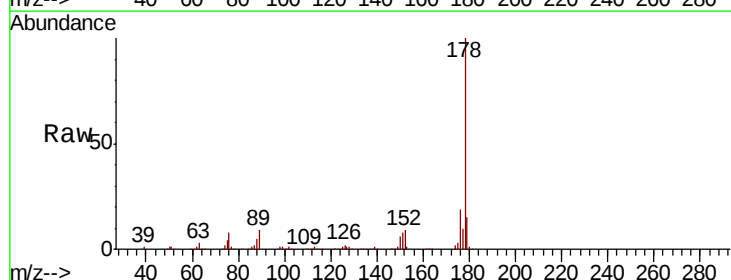
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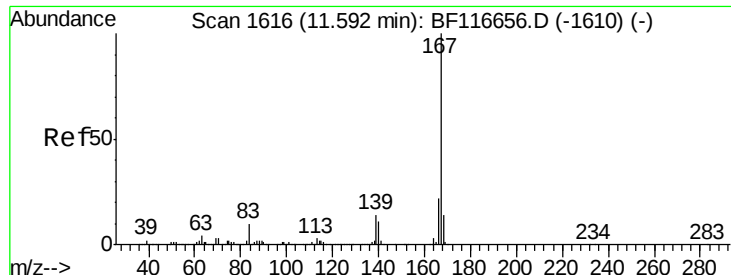
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#72
Anthracene
Concen: 40.111 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.1	12.3	18.5





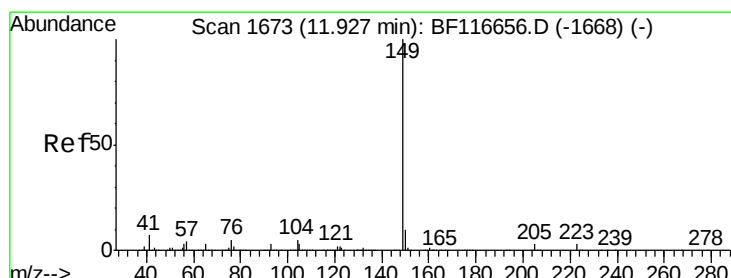
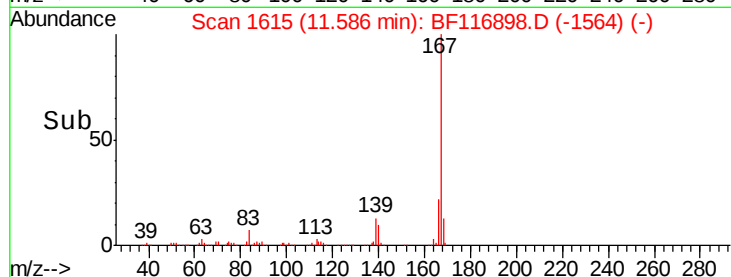
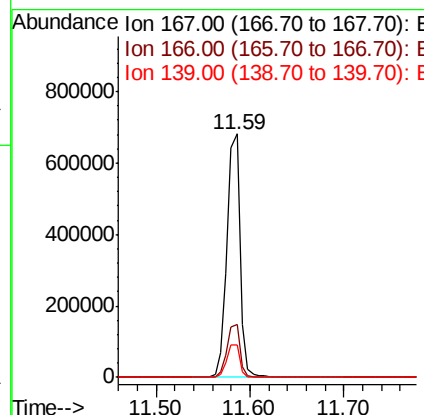
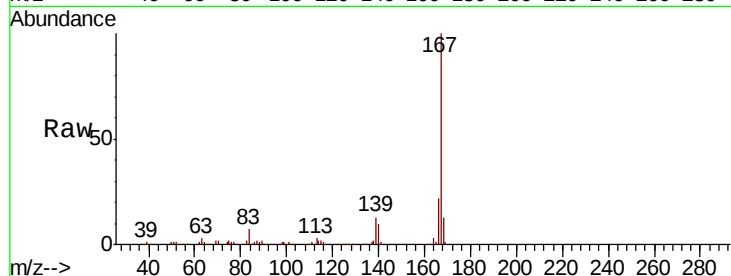
#73
 Carbazole
 Concen: 40.219 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122923BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	669208		
166	21.9		17.5	26.3
139	13.3		10.9	16.3

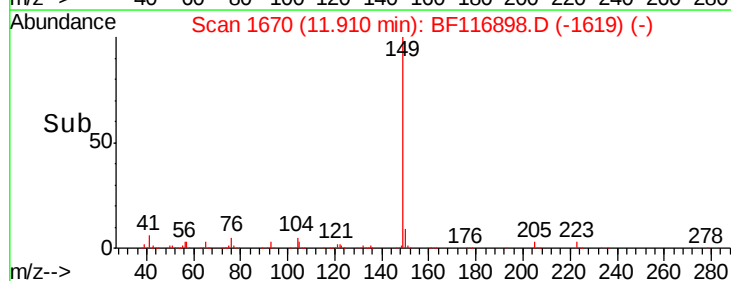
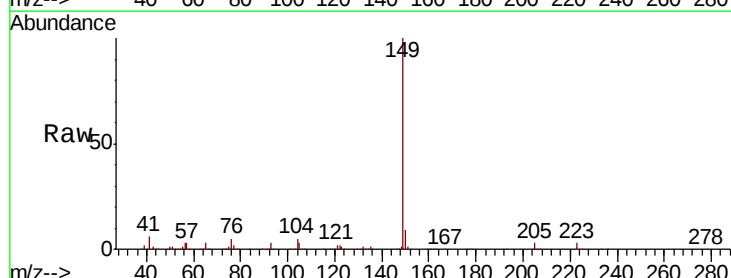
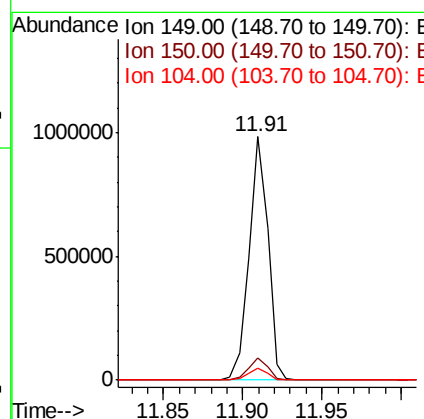
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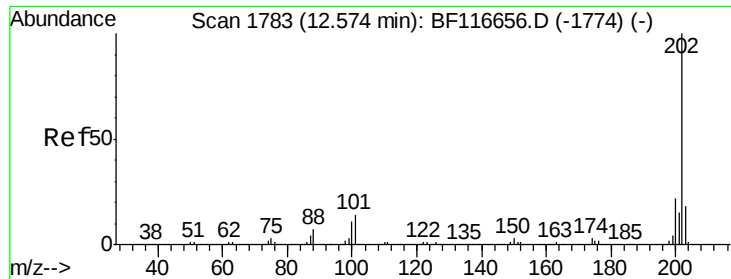
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#74
 Di-n-butylphthalate
 Concen: 37.960 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	809730		
150	9.1		7.1	10.7
104	5.1		4.2	6.4





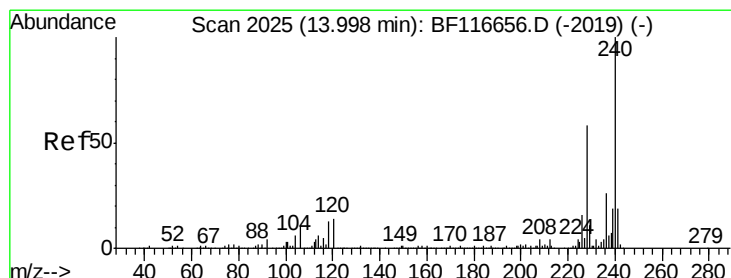
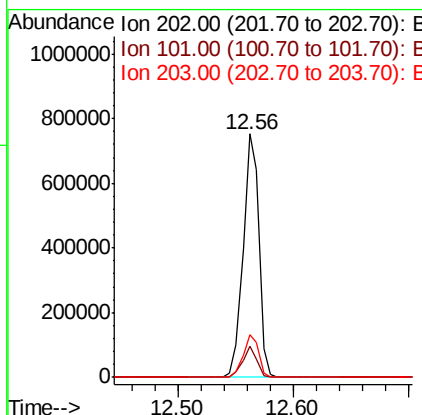
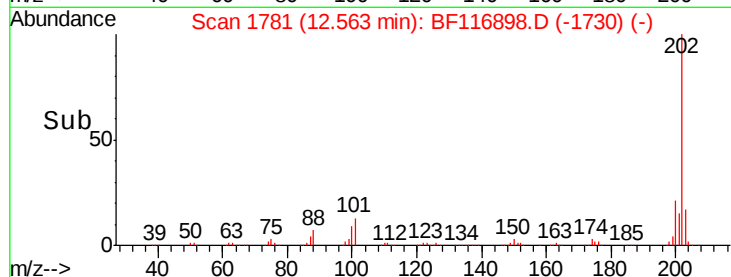
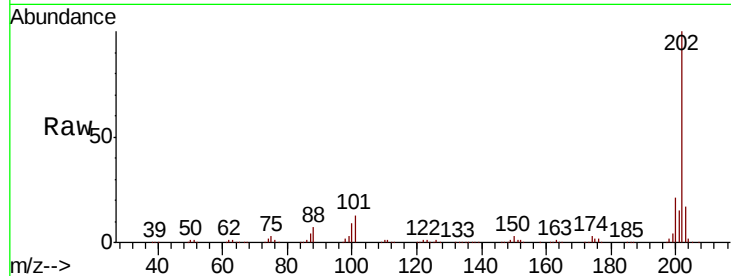
#75
Fluoranthene
Concen: 41.694 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.3	0.0	38.1

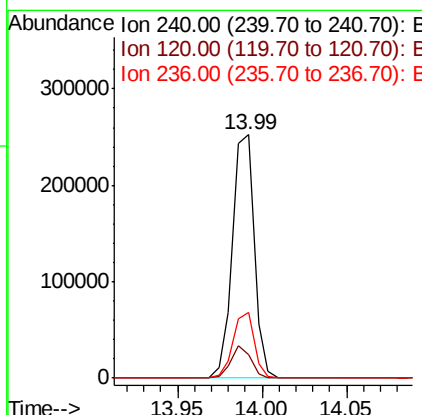
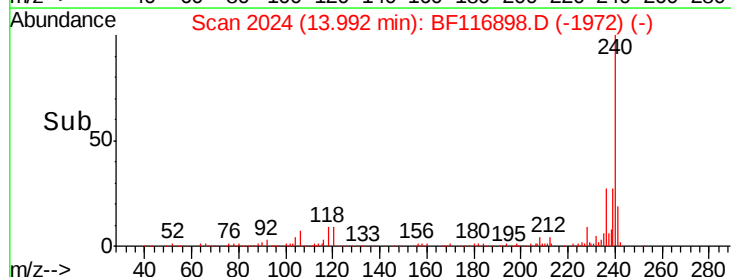
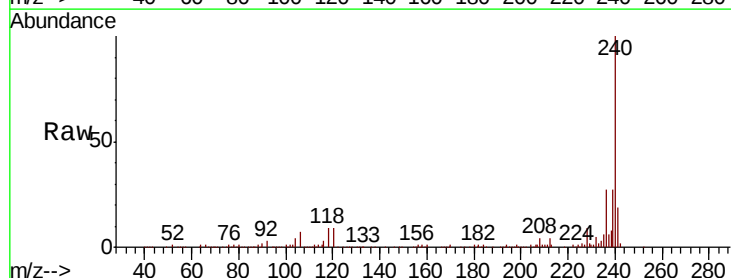
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.4	9.8	14.8#
236	27.2	19.4	29.2





#77

Benzidine

Concen: 16.715 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

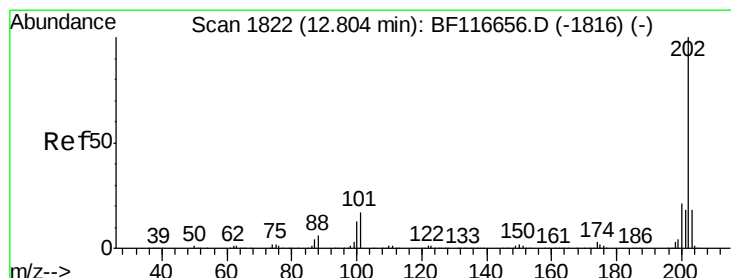
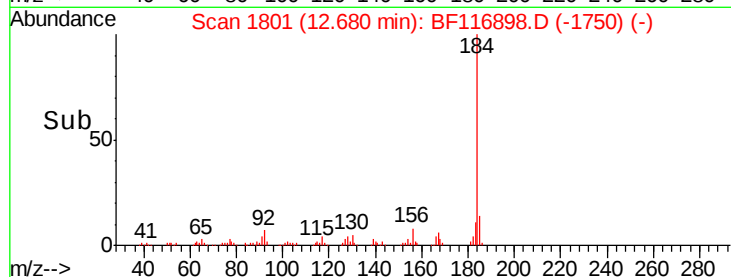
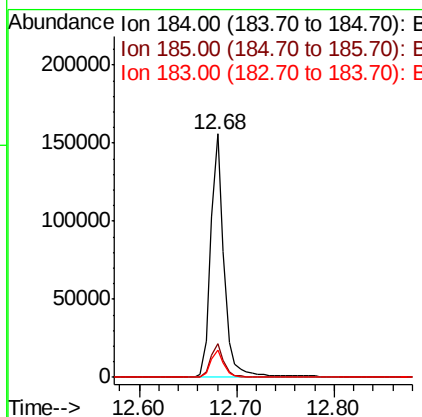
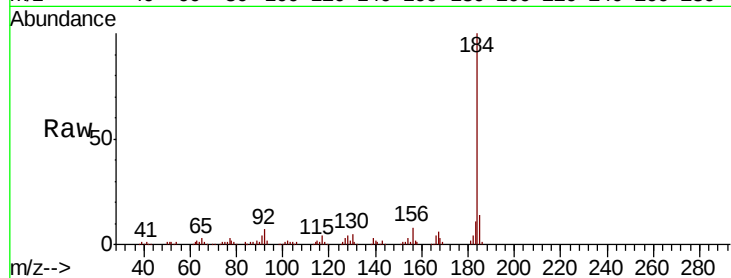
ClientSampleId :

PB122923BS

Tot Ion:	184	Resp:	148415
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.9	17.9
183	11.0	9.5	14.3

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#78

Pyrene

Concen: 35.838 ng

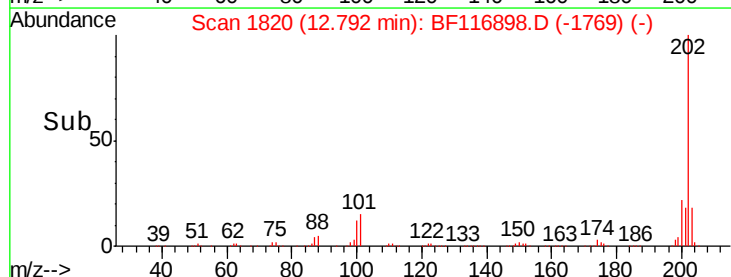
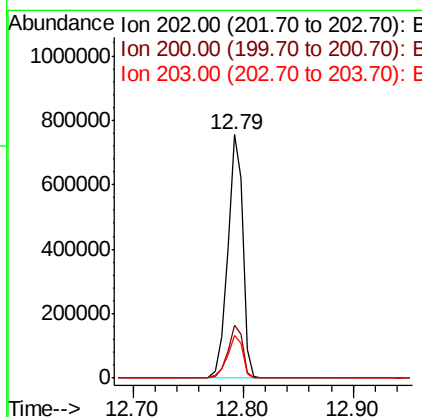
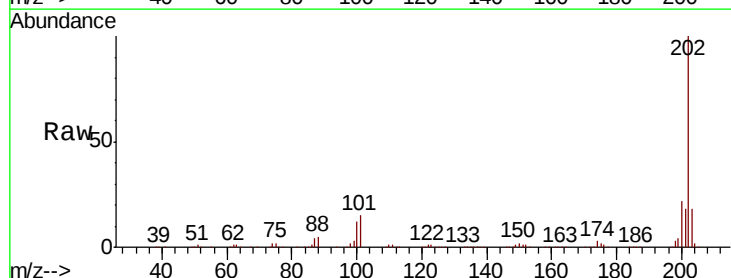
RT: 12.79 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Tgt Ion:	202	Resp:	721198
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.3	25.9
203	17.7	14.4	21.6





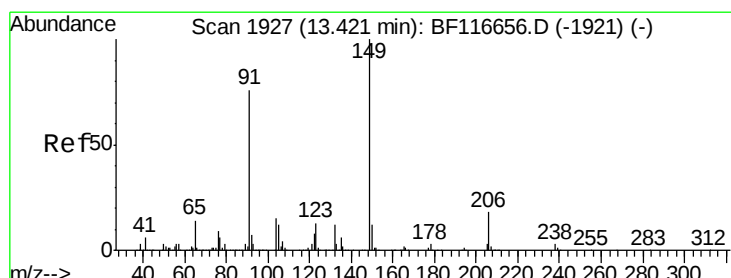
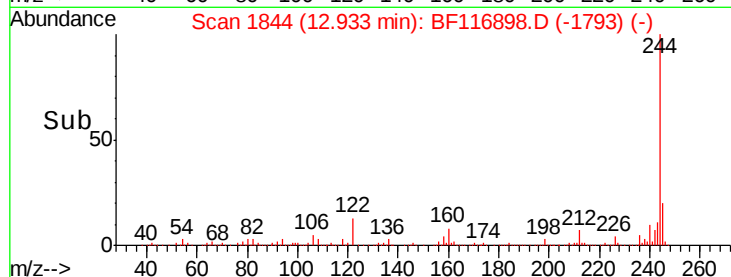
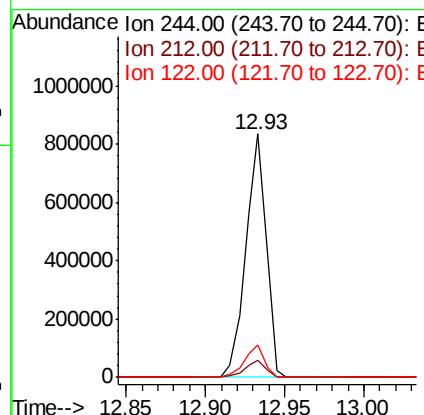
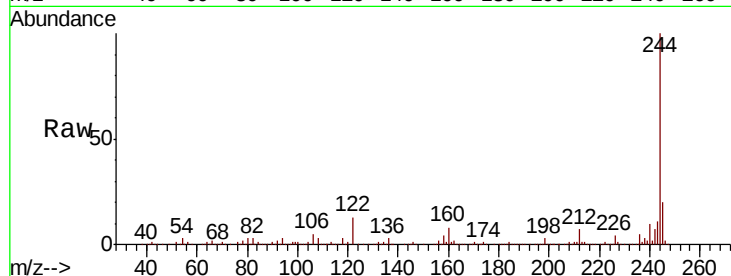
#79
 Terphenyl-d14
 Concen: 60.188 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Instrument :
 BNA_F
 ClientSampleID :
 PB122923BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.4	11.0	16.4

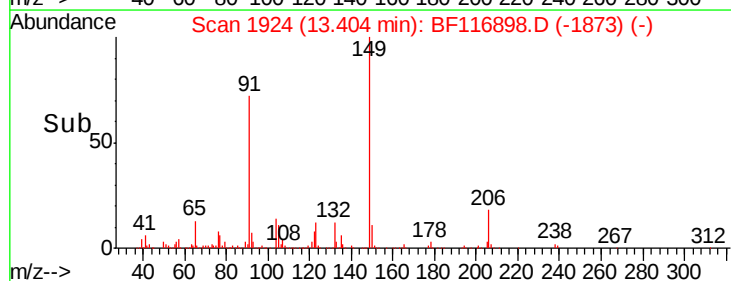
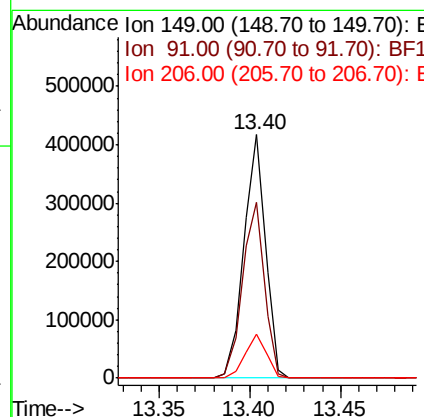
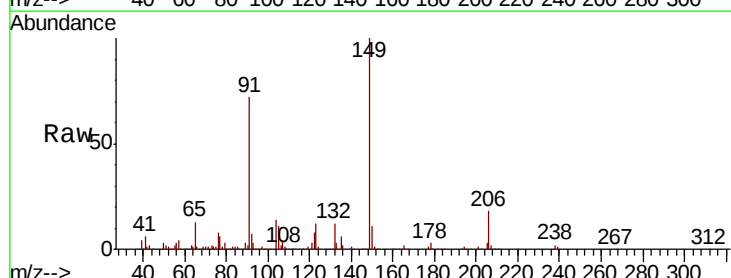
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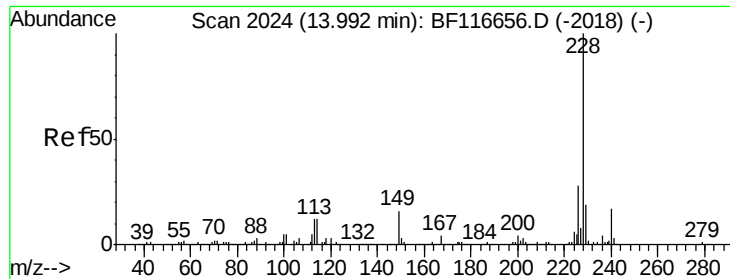
mohammad
 9/12/2019 9:28:02 AM



#80
 Butylbenzylphthalate
 Concen: 35.324 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.0	58.2	87.2
206	18.0	14.7	22.1





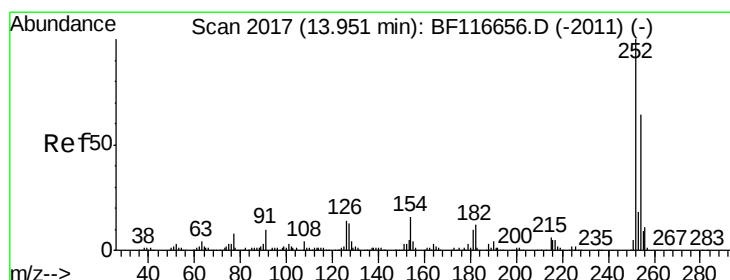
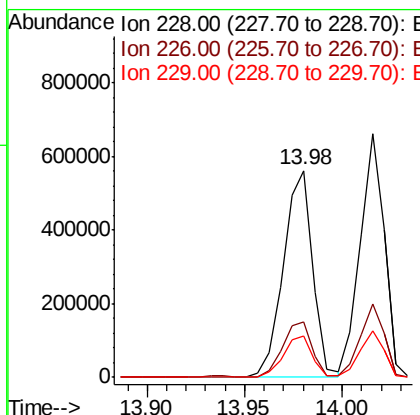
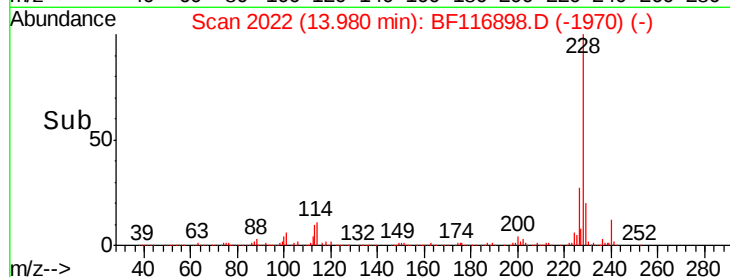
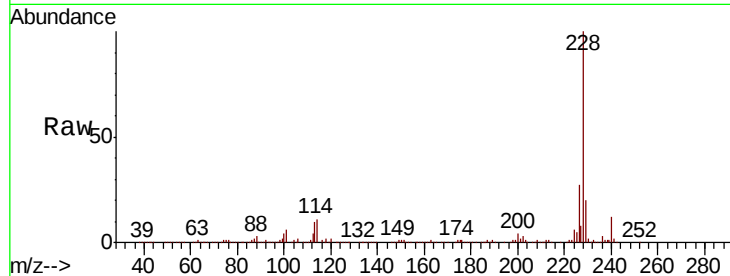
#81
Benzo(a)anthracene
Concen: 40.606 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	19.9	15.9	23.9

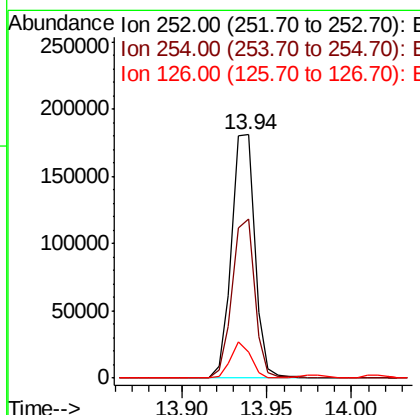
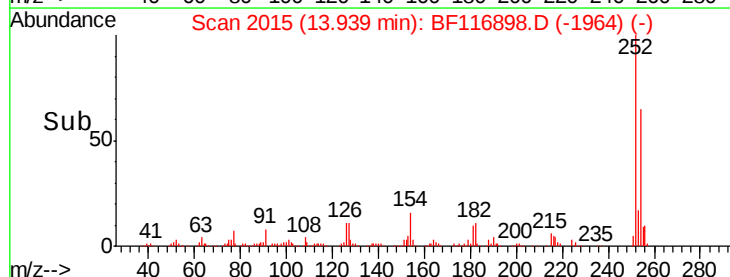
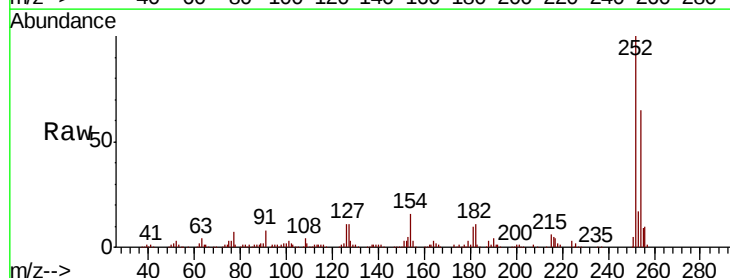
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#82
3,3'-Dichlorobenzidine
Concen: 35.981 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.1	76.7
126	10.7	8.9	13.3





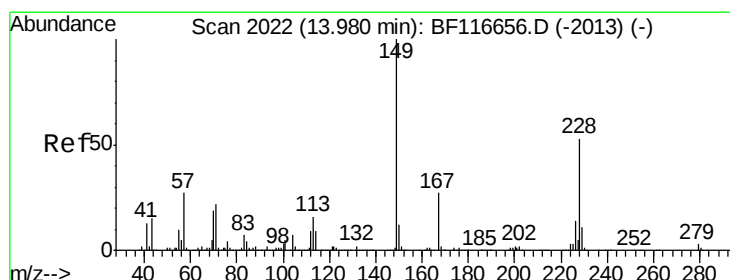
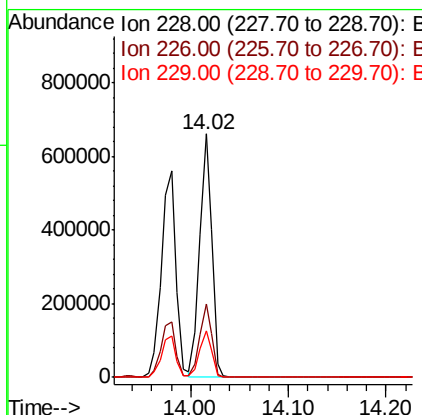
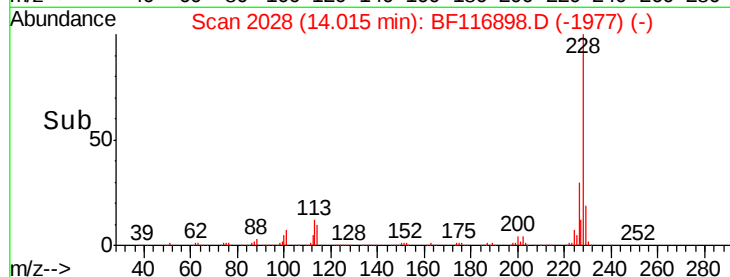
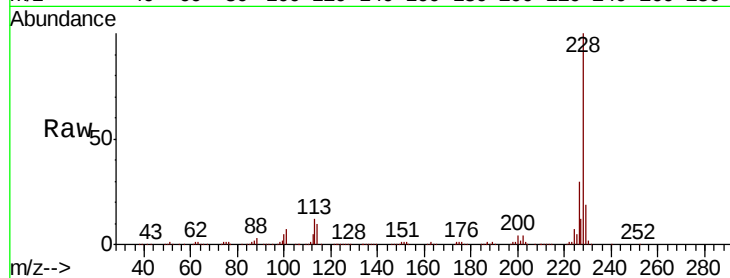
#83
 Chrysene
 Concen: 38.769 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122923BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	19.3	15.8	23.6

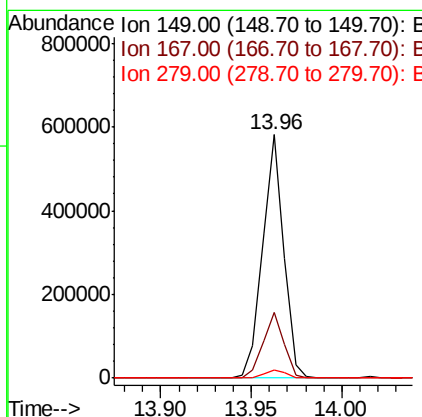
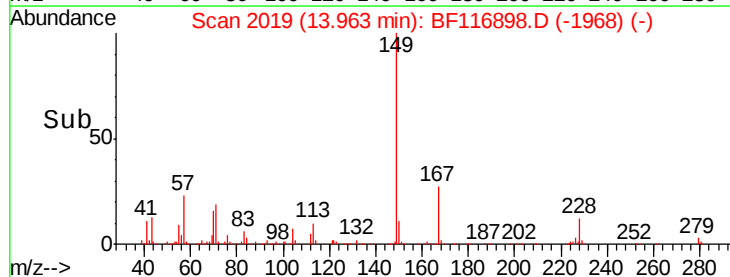
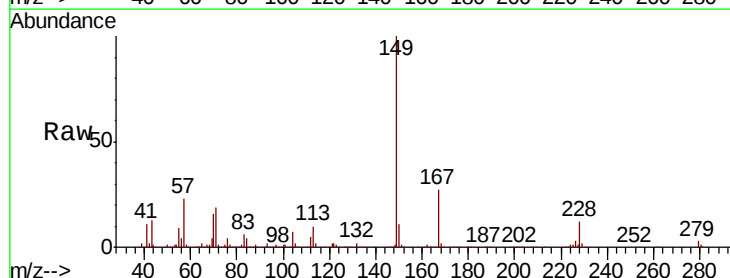
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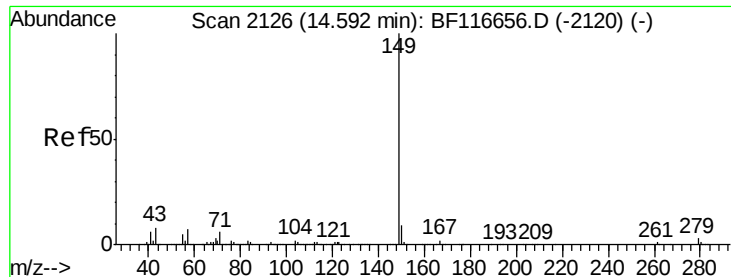
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.070 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.2
279	3.3	2.7	4.1





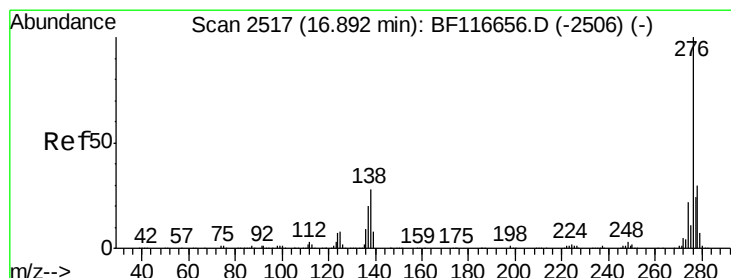
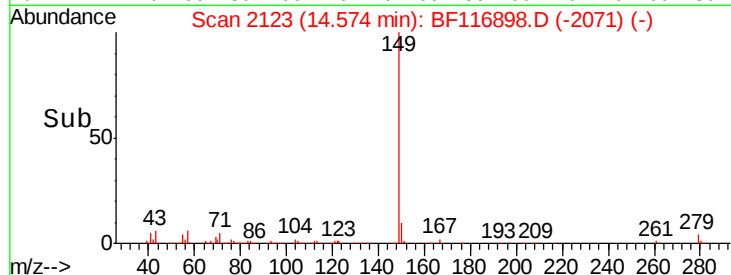
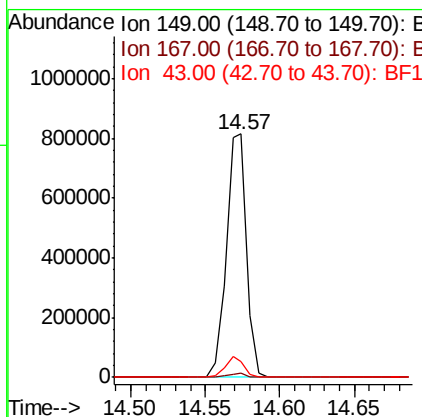
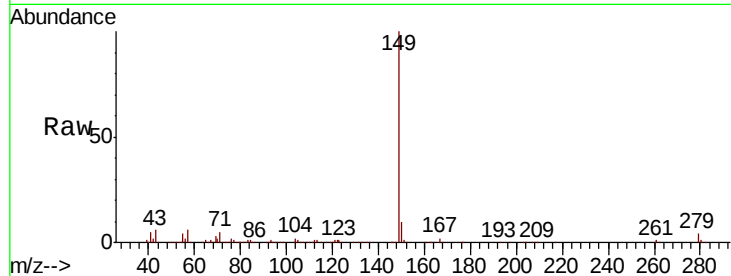
#85
Di-n-octyl phthalate
Concen: 39.272 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampled :
PB122923BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	776374		
167	1.5		1.2	1.8
43	7.6		6.3	9.5

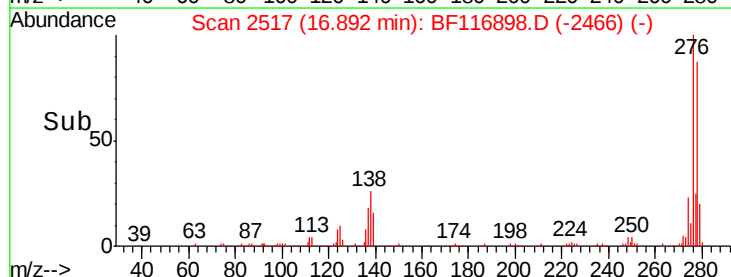
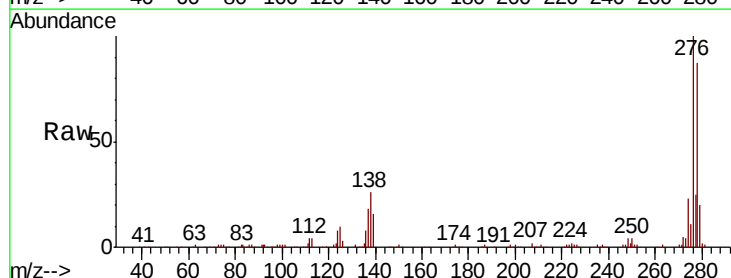
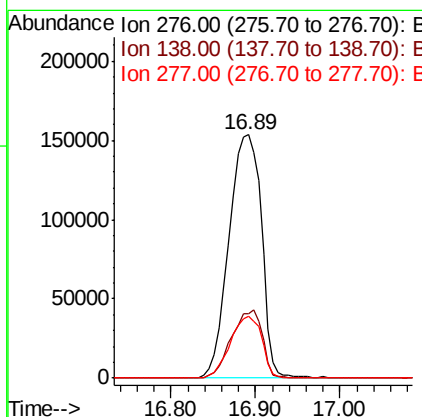
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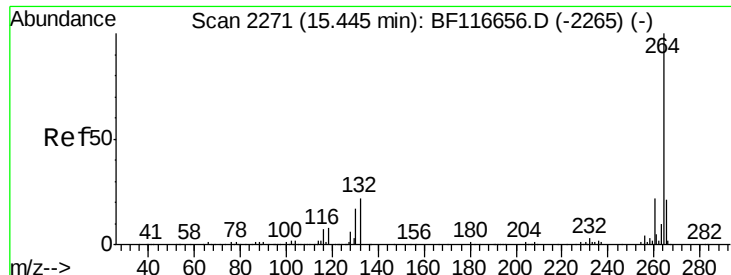
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#86
Indeno(1,2,3-cd)pyrene
Concen: 34.376 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	407584		
138	26.9		21.0	31.6
277	24.7		19.5	29.3





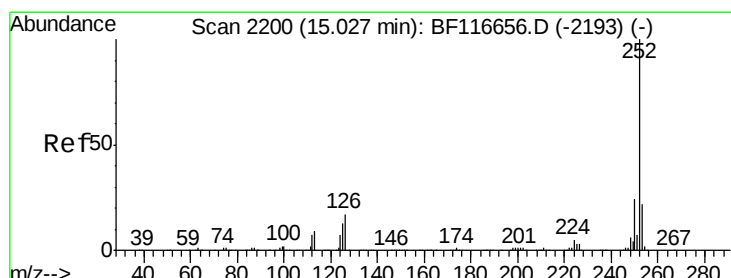
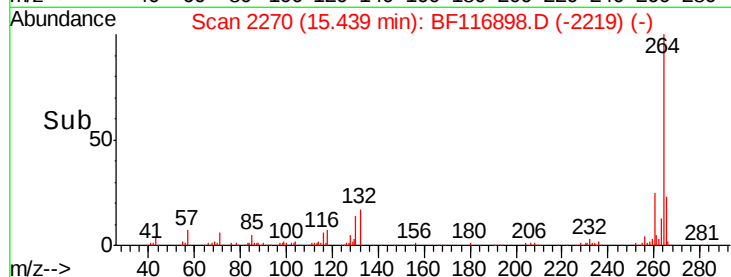
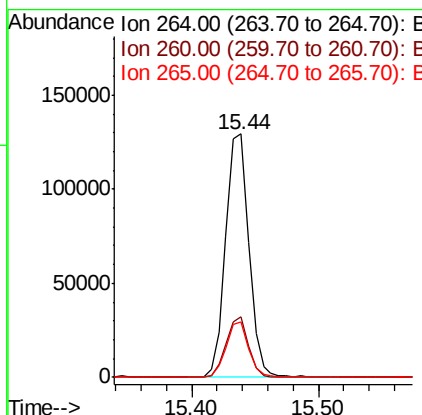
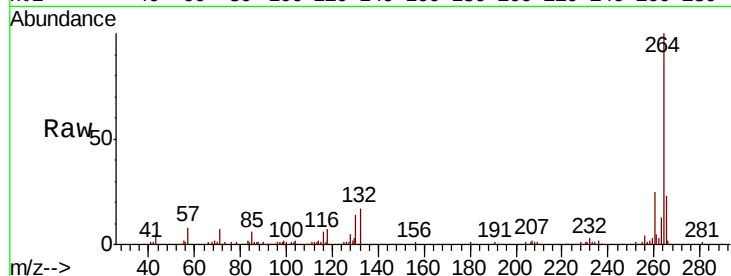
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.6
265	22.8	16.9	25.3

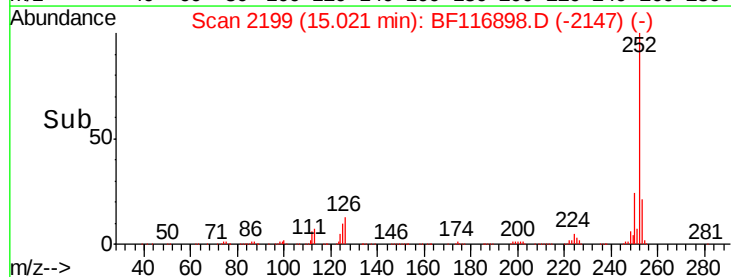
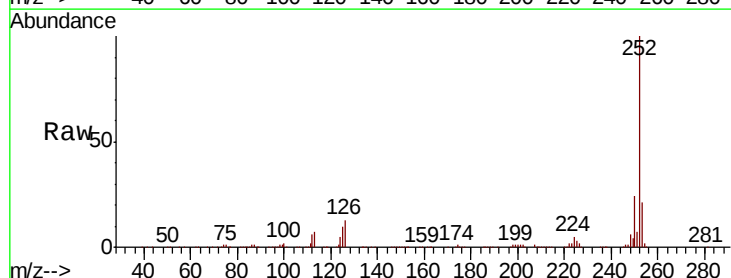
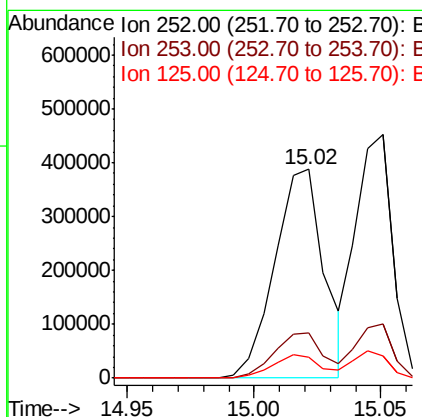
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#88
Benzo(b)fluoranthene
Concen: 52.695 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	9.9	9.1	13.7





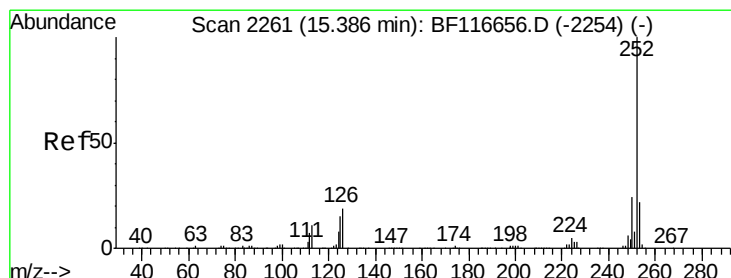
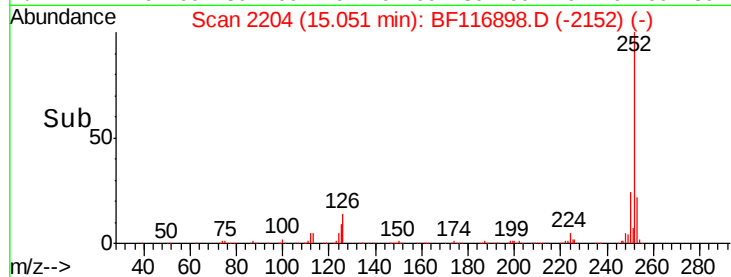
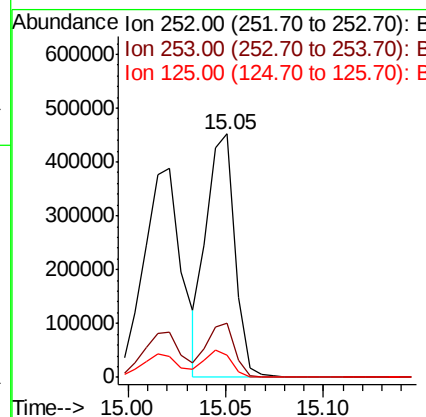
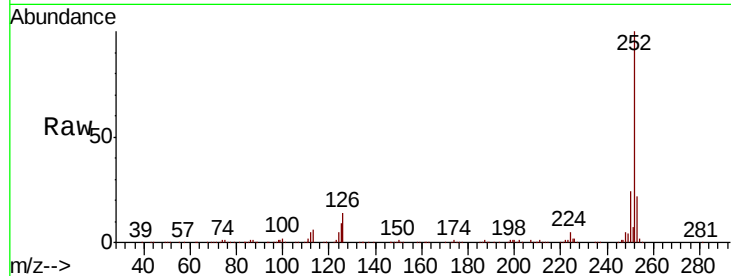
#89
Benzo(k)fluoranthene
Concen: 50.331 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	9.3	8.7	13.1

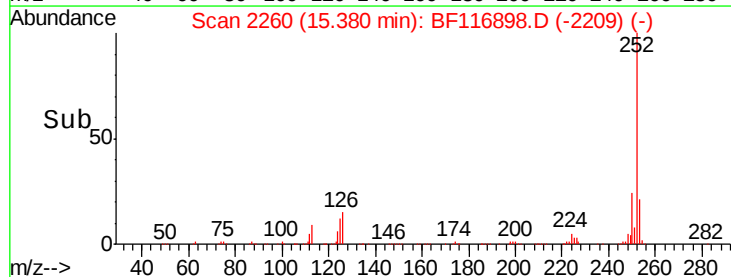
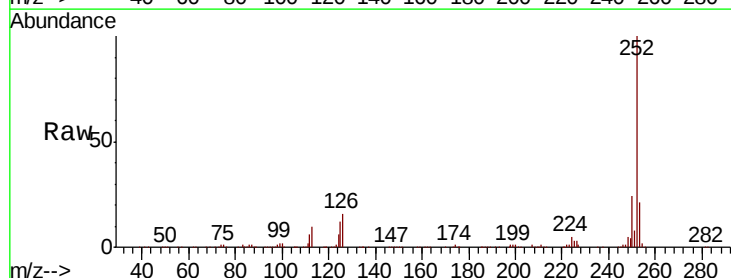
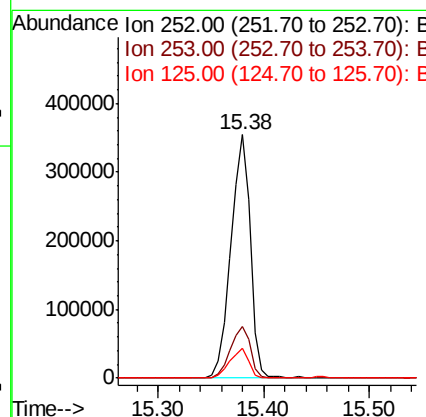
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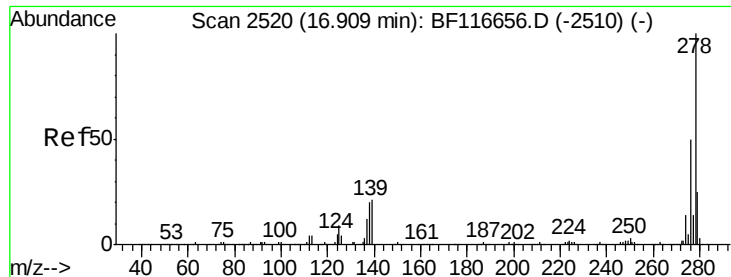
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#90
Benzo(a)pyrene
Concen: 51.949 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	12.2	9.1	13.7





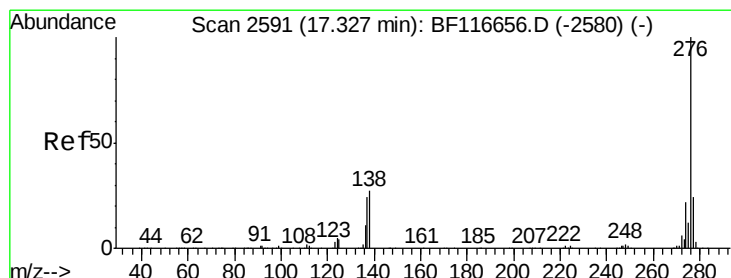
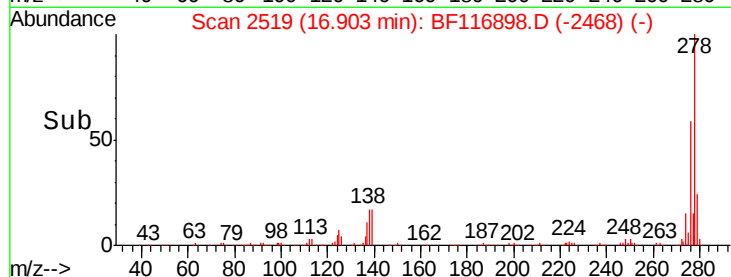
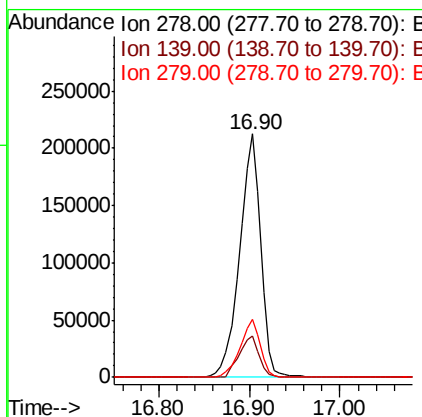
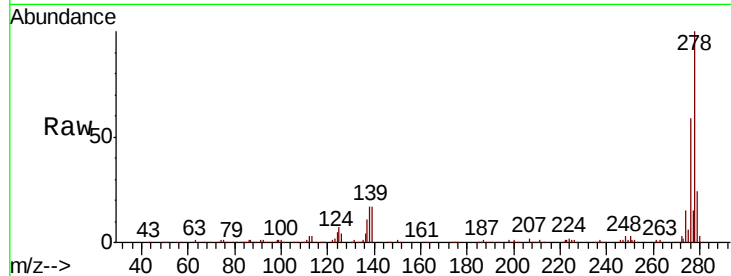
#91
Dibenzo(a,h)anthracene
Concen: 45.402 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :
PB122923BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.7	19.1
279	23.7	18.4	27.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 43.320 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.0	27.0
138	21.9	17.0	25.6

