

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116295.D
 Acq On : 15 Aug 2019 22:58
 Operator : HP/JU
 Sample : K4321-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2MS

Manual Integrations
 APPROVED

Jagrut
 8/16/2019 5:34:10 PM

Quant Time: Aug 16 11:19:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	83459	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	335815	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	185928	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	347688	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	302512	20.00	ng	-0.03
87) Perylene-d12	15.44	264	323272	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	548860	110.09	ng	-0.03
7) Phenol-d6	6.46	99	702352	111.66	ng	-0.03
23) Nitrobenzene-d5	7.38	82	442920	76.13	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	209531	116.24	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	834389	84.06	ng	-0.04
79) Terphenyl-d14	12.92	244	1100760	76.67	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	88597	35.177	ng	98
3) Pyridine	3.29	79	207799	29.536	ng	99
4) n-Nitrosodimethylamine	3.22	42	98857m	35.606	ng	
6) Aniline	6.48	93	232593	25.821	ng	# 73
8) 2-Chlorophenol	6.61	128	253122	45.915	ng	99
9) Benzaldehyde	6.37	77	117192	27.003	ng	98
10) Phenol	6.47	94	328999	44.417	ng	81
11) bis(2-Chloroethyl)ether	6.55	93	235644	43.271	ng	99
12) 1,3-Dichlorobenzene	6.76	146	266503	41.829	ng	99
13) 1,4-Dichlorobenzene	6.83	146	276506	43.345	ng	98
14) 1,2-Dichlorobenzene	6.99	146	258209	43.958	ng	99
15) Benzyl Alcohol	6.96	79	211511	44.310	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	316220	42.571	ng	88
17) 2-Methylphenol	7.08	107	208421	44.649	ng	98
18) Hexachloroethane	7.32	117	97175	41.374	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	175883	45.124	ng	97
20) 3+4-Methylphenols	7.23	107	274258	49.648	ng	93
22) Acetophenone	7.23	105	348135	47.270	ng	# 94
24) Nitrobenzene	7.40	77	279988	44.572	ng	97
25) Isophorone	7.64	82	502500	45.171	ng	99
26) 2-Nitrophenol	7.72	139	134278	45.347	ng	94
27) 2,4-Dimethylphenol	7.76	122	226219	50.779	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	309839	44.937	ng	99
29) 2,4-Dichlorophenol	7.97	162	220411	46.858	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	231241	43.127	ng	98
31) Naphthalene	8.12	128	736642	46.615	ng	98
32) Benzoic acid	7.90	122	106924	34.043	ng	95
33) 4-Chloroaniline	8.18	127	97409	13.796	ng	98
34) Hexachlorobutadiene	8.23	225	130643	42.301	ng	99
35) Caprolactam	8.54	113	73099m	48.049	ng	
36) 4-Chloro-3-methylphenol	8.66	107	234834	47.989	ng	99
37) 2-Methylnaphthalene	8.81	142	497059	47.760	ng	98
38) 1-Methylnaphthalene	8.91	142	462136	46.937	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	225460	45.359	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	81910	39.912	nq	97
43) 2,4,6-Trichlorophenol	9.10	196	144376	42.199	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	154281	43.624	nq	98
46) 1,1'-Biphenyl	9.27	154	613368	46.728	nq	98
47) 2-Chloronaphthalene	9.30	162	473479	43.339	nq	100
48) 2-Nitroaniline	9.40	65	153085	42.392	nq	91
49) Acenaphthylene	9.71	152	739925	46.423	nq	99
50) Dimethylphthalate	9.57	163	679511	53.676	nq	100
51) 2,6-Dinitrotoluene	9.64	165	126652	46.036	nq	91
52) Acenaphthene	9.89	154	445086	45.518	nq	100
53) 3-Nitroaniline	9.82	138	84553	24.873	nq	93
54) 2,4-Dinitrophenol	9.93	184	84569	62.348	nq	97
55) Dibenzofuran	10.06	168	654623	46.036	nq	99
56) 4-Nitrophenol	9.99	139	165214	75.868	nq	93
57) 2,4-Dinitrotoluene	10.05	165	167441	45.712	nq	97
58) Fluorene	10.40	166	535582	48.954	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	138361	46.501	nq	99
60) Diethylphthalate	10.27	149	569567	48.189	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	266889	48.168	nq	97
62) 4-Nitroaniline	10.43	138	145872	41.523	nq	98
63) Azobenzene	10.55	77	583807	48.023	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	80425	43.650	nq	95
66) n-Nitrosodiphenylamine	10.51	169	479450	45.814	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	166000	44.600	nq	96
68) Hexachlorobenzene	10.96	284	185558	43.114	nq	93
69) Atrazine	11.03	200	157970	45.884	nq	98
70) Pentachlorophenol	11.16	266	144857	69.325	nq	98
71) Phenanthrene	11.36	178	825063	46.418	nq	100
72) Anthracene	11.42	178	862202	47.930	nq	99
73) Carbazole	11.57	167	801625	49.119	nq	99
74) Di-n-butylphthalate	11.89	149	961528	50.505	nq	98
75) Fluoranthene	12.55	202	932359	50.105	nq	98
77) Benzidine	12.67	184	405494	39.676	nq	98
78) Pyrene	12.78	202	959285	42.067	nq	100
80) Butylbenzylphthalate	13.39	149	443057	45.931	nq	97
81) Benzo(a)anthracene	13.97	228	868647	44.925	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	152586	22.715	nq	98
83) Chrysene	14.00	228	875481	46.638	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	638476	50.935	nq	# 98
85) Di-n-octyl phthalate	14.55	149	1068936	53.688	nq	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	824714	52.309	nq	100
88) Benzo(b)fluoranthene	15.02	252	834278	44.633	nq	100
89) Benzo(k)fluoranthene	15.04	252	839677	46.120	nq	100
90) Benzo(a)pyrene	15.37	252	799830	47.868	nq	98
91) Dibenzo(a,h)anthracene	16.90	278	695392	48.079	nq	98
92) Benzo(g,h,i)perylene	17.33	276	683095	48.090	nq	98

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

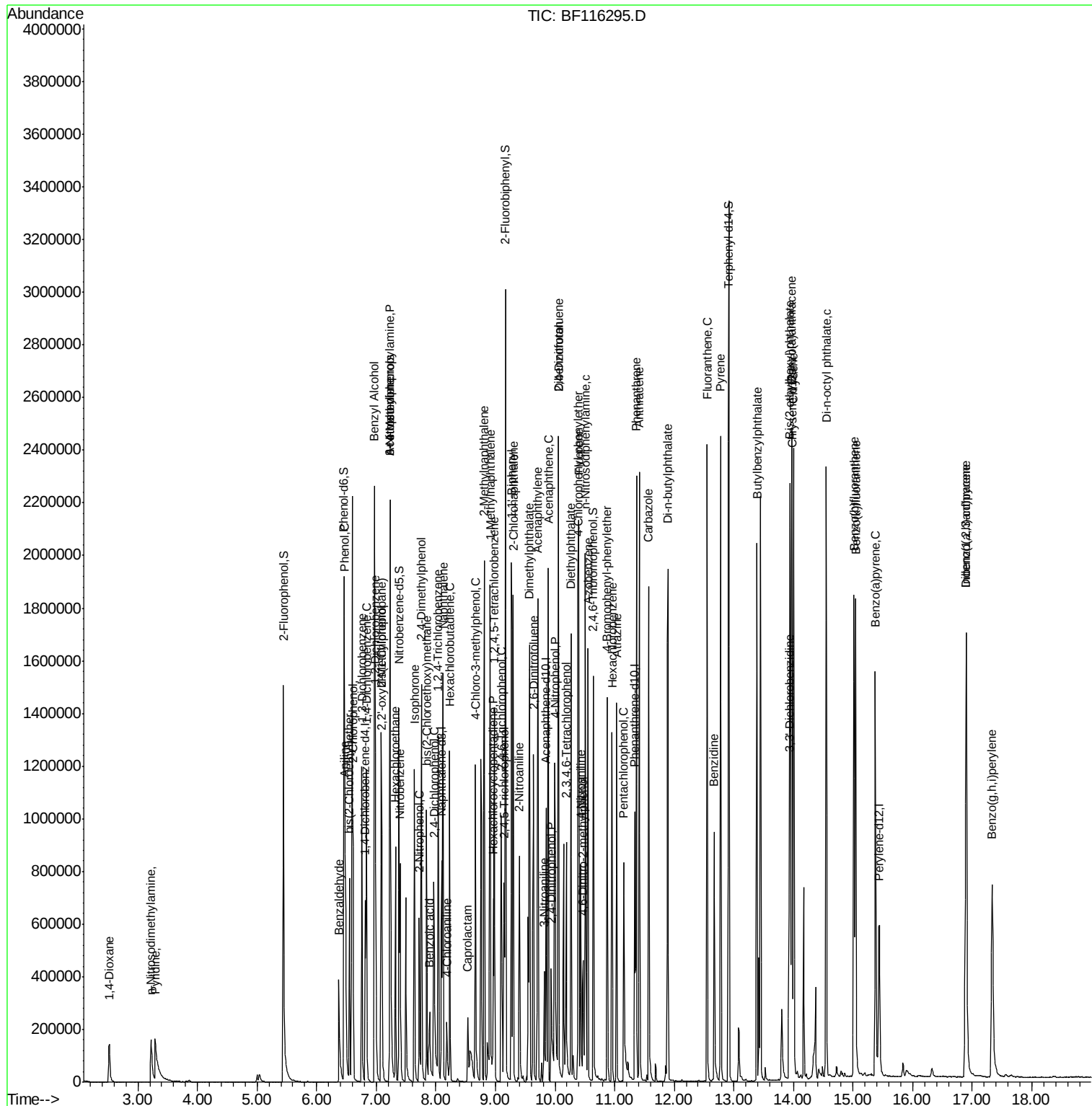
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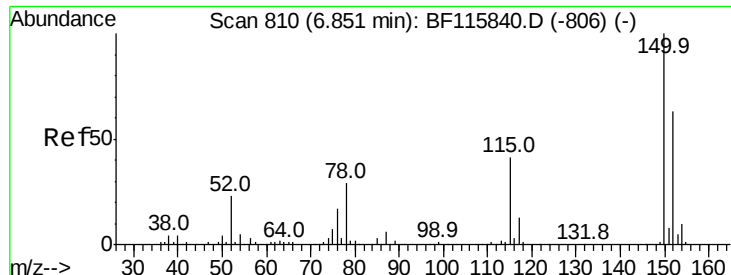
Instrument :
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ClientSampled :
SP-2MS

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#1

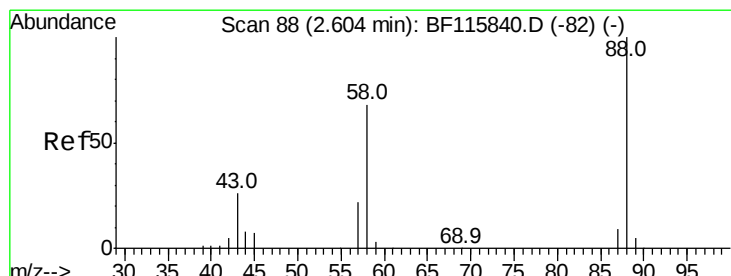
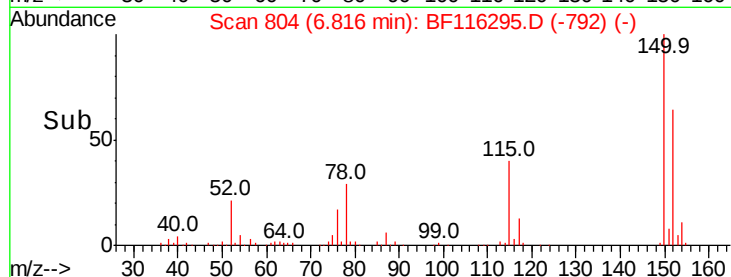
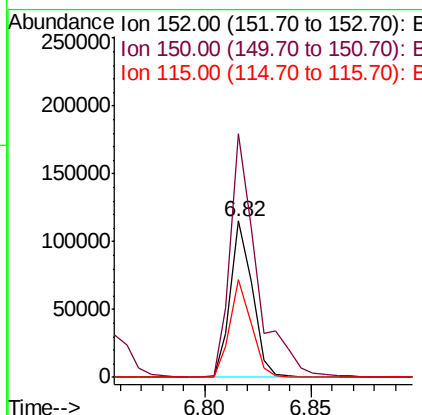
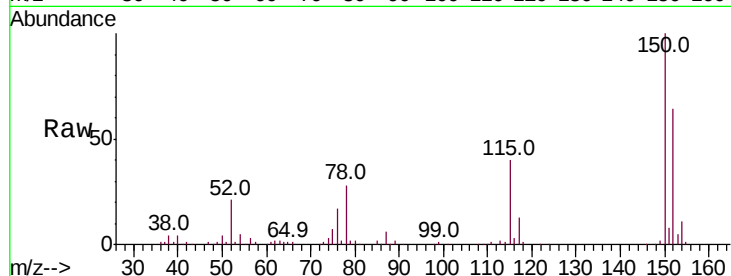
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :
SP-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	62.5	49.9	74.9

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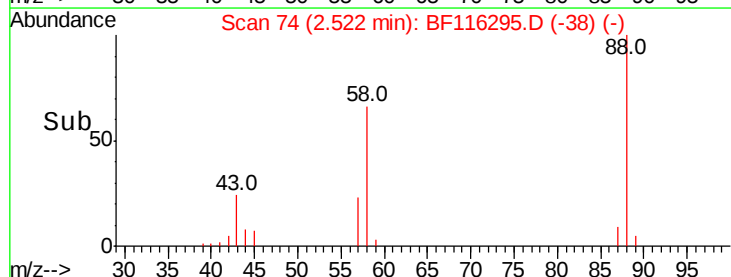
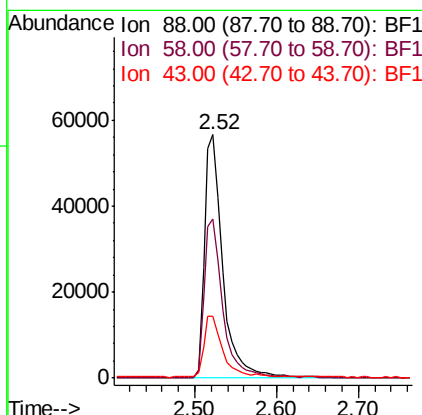
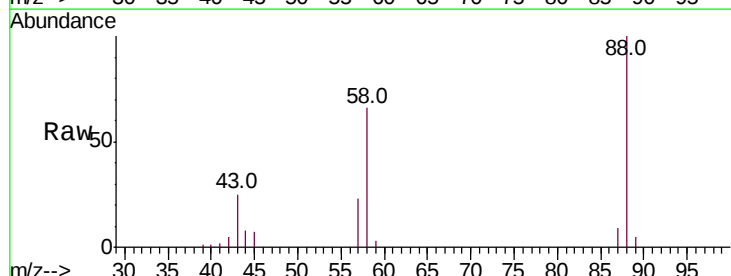
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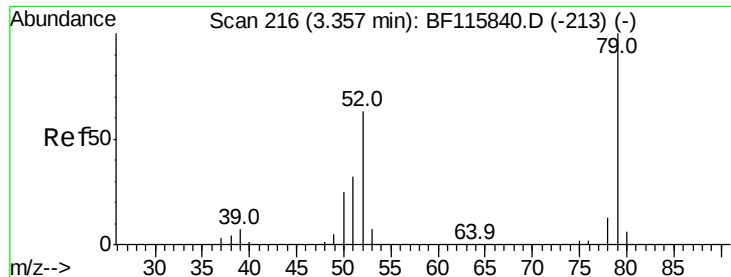


#2

1,4-Dioxane
Concen: 35.177 ng
RT: 2.52 min Scan# 74
Delta R.T. -0.09 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.4	53.7	80.5
43	28.1	21.0	31.4





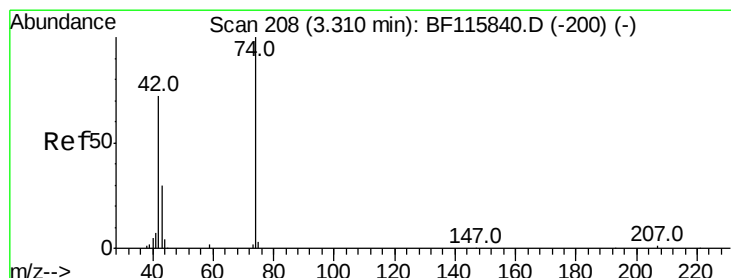
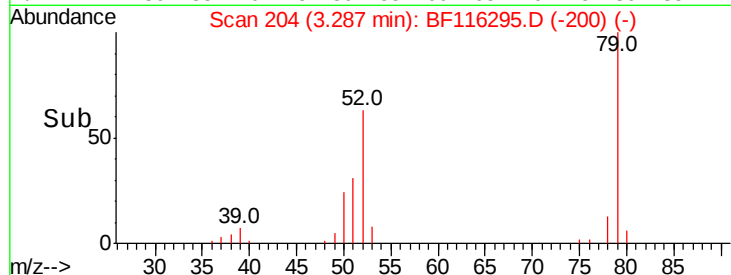
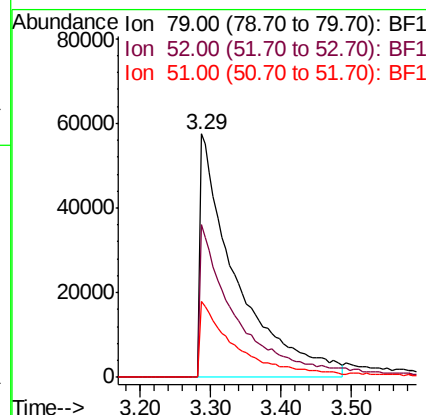
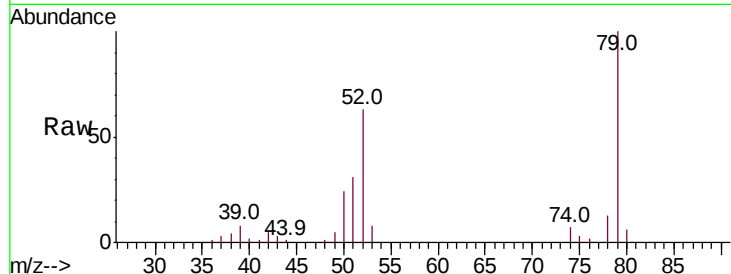
#3
 Pvridine
 Concen: 29.536 ng
 RT: 3.29 min Scan# 204
 Delta R.T. -0.08 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampled :
 SP-2MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.6	49.8	74.8
51	31.0	25.2	37.8

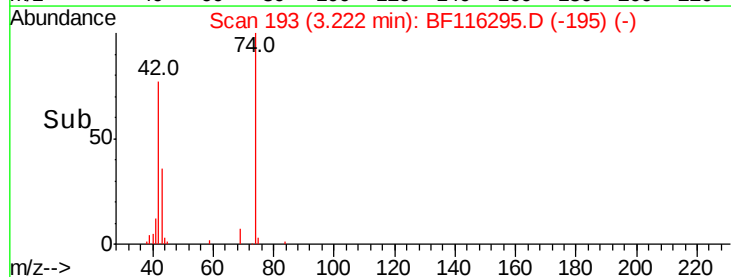
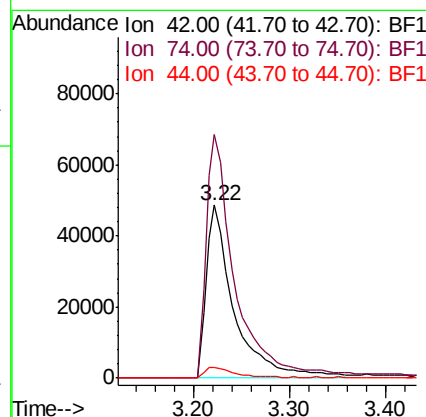
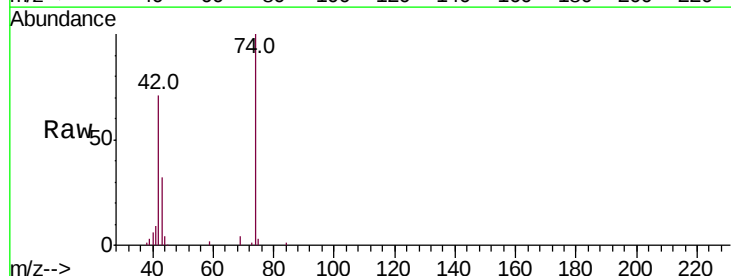
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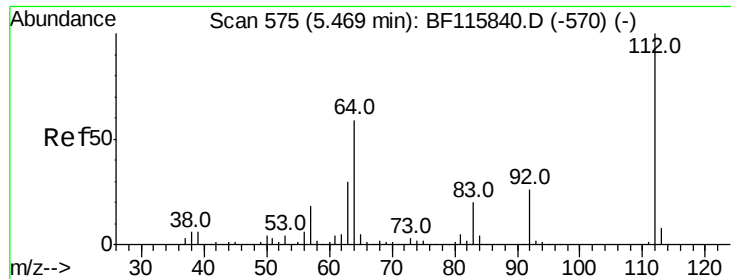
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#4
 n-Nitrosodimethylamine
 Concen: 35.606 ng m
 RT: 3.22 min Scan# 193
 Delta R.T. -0.11 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.9	116.0	174.0
44	6.1	4.6	7.0





#5

2-Fluorophenol

Concen: 110.093 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

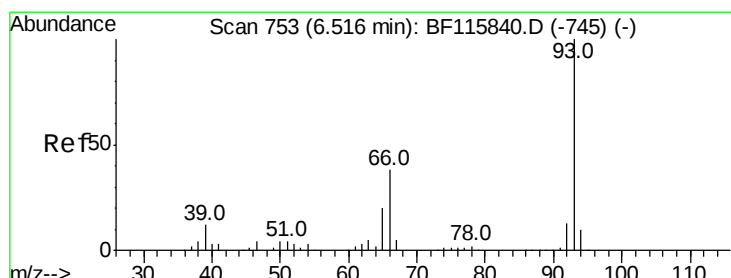
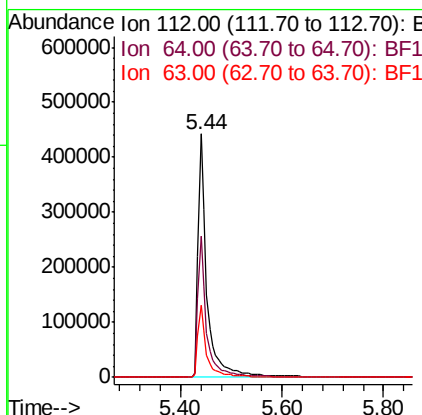
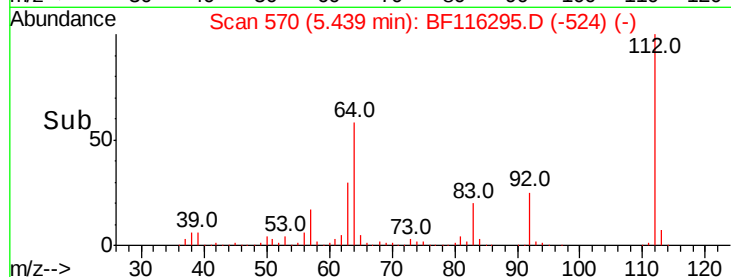
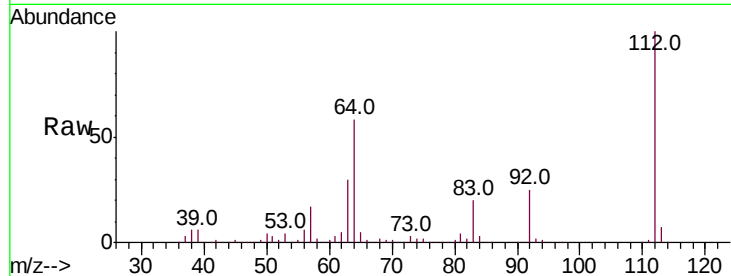
ClientSampled :

SP-2MS

Tot Ion:	112	Resp:	548860
Ion Ratio	Lower	Upper	
112	100		
64	58.0	45.4	68.2
63	29.6	23.7	35.5

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#6

Aniline

Concen: 25.821 ng

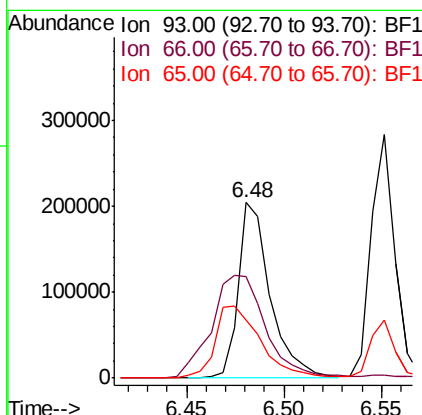
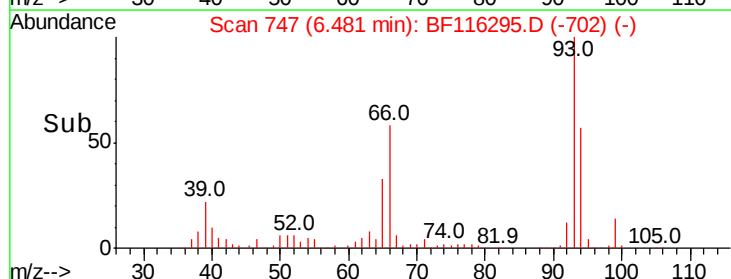
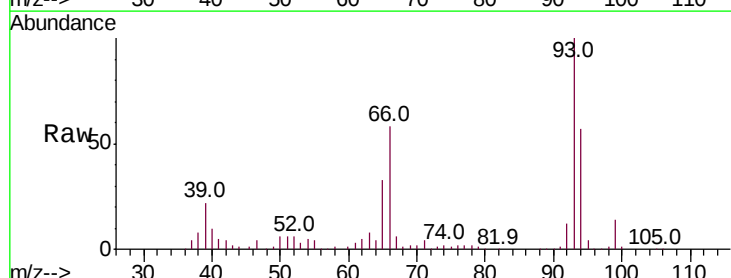
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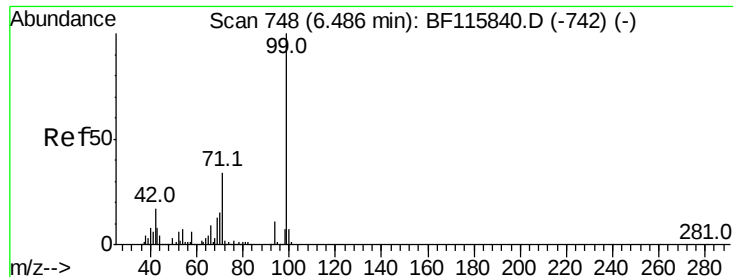
Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Tgt Ion:	93	Resp:	232593
Ion Ratio	Lower	Upper	
93	100		
66	57.6	32.2	48.4#
65	33.1	17.0	25.6#





#7

Phenol-d6

Concen: 111.662 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

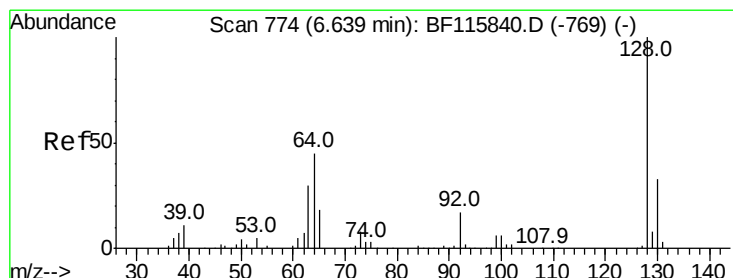
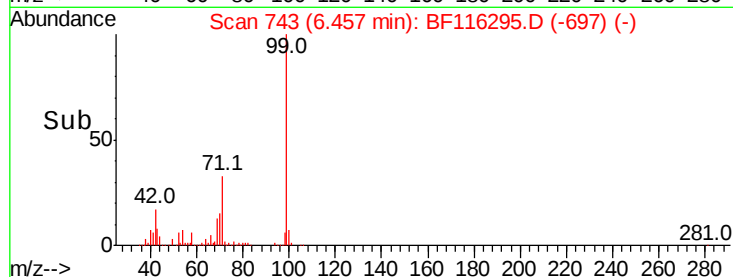
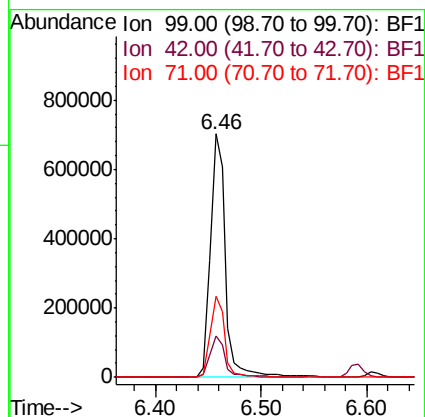
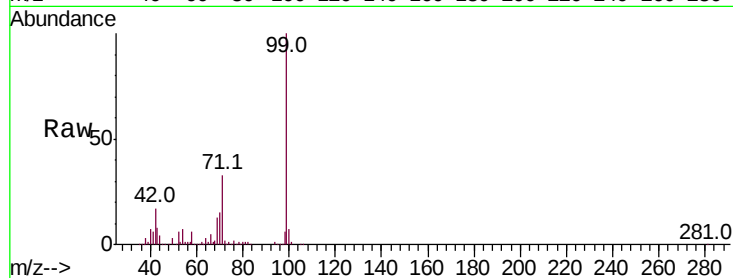
ClientSampleId :

SP-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		702352		
42	17.2	13.8	20.8		
71	33.2	27.3	40.9		

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#8

2-Chlorophenol

Concen: 45.915 ng

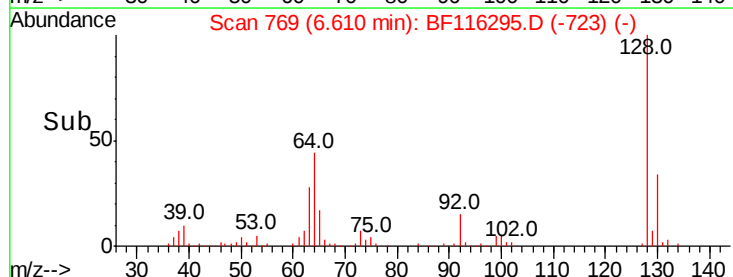
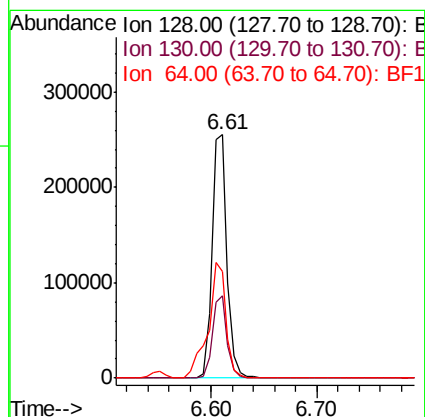
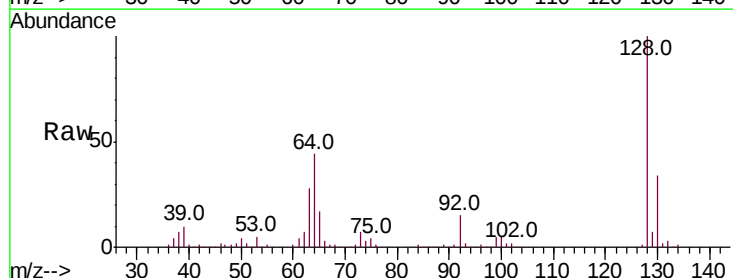
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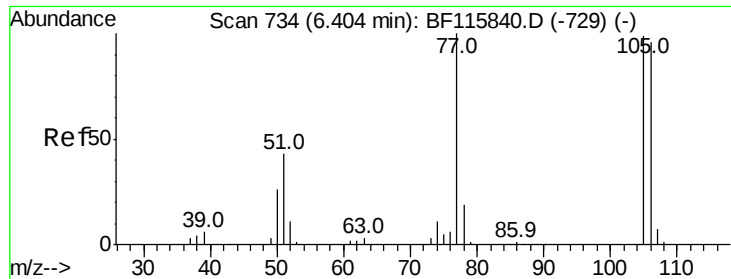
Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		253122		
130	33.7	12.9	52.9		
64	43.6	24.3	64.3		





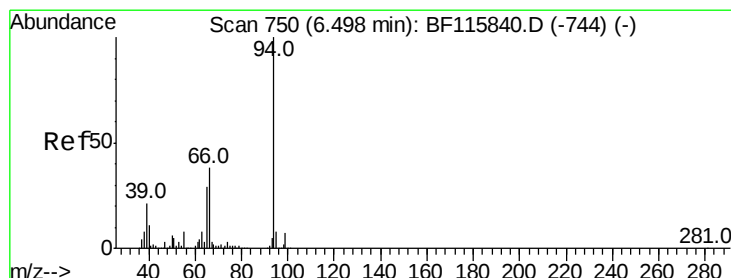
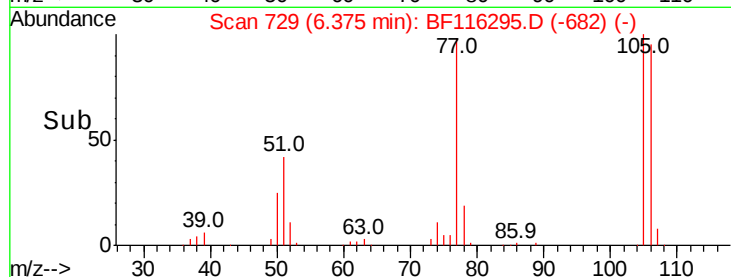
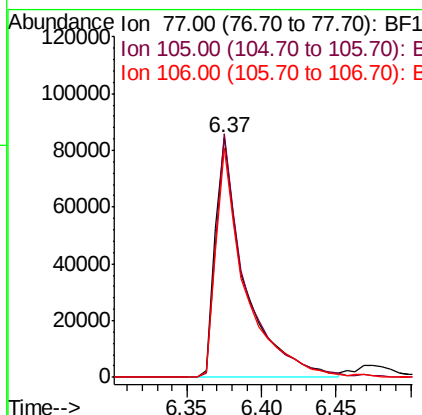
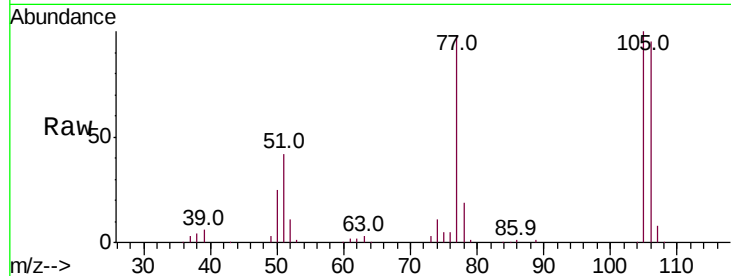
#9
Benzaldehyde
Concen: 27.003 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF116295.D
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Instrument :
BNA_F
ClientSampleId :
SP-2MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.6	79.2	119.2
106	96.1	74.3	114.3

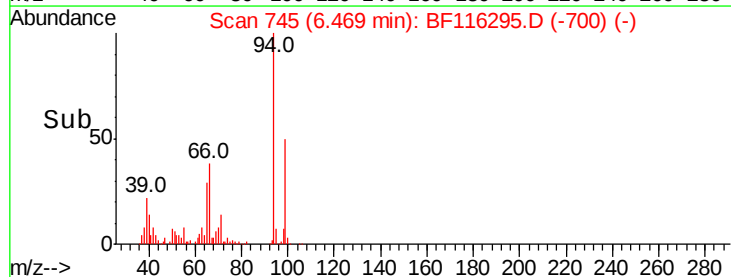
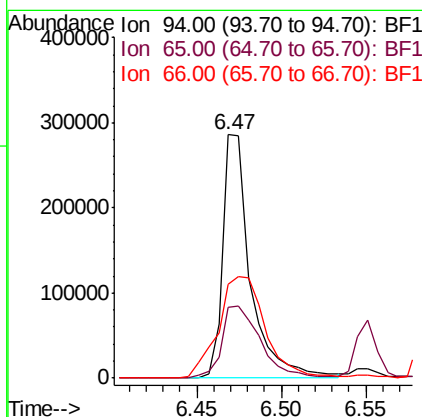
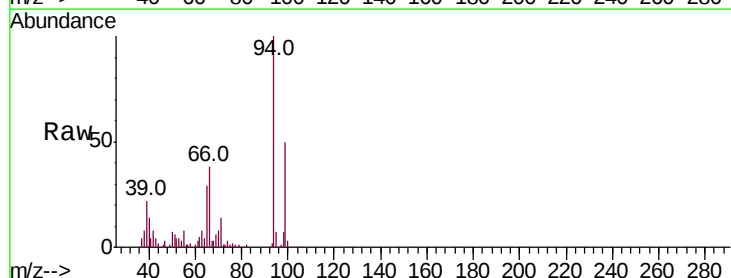
Manual Integrations
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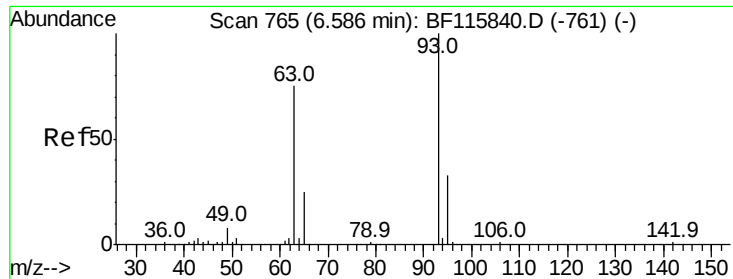
Jagrut
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#10
Phenol
Concen: 44.417 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	16.8	56.8
66	38.3	34.2	74.2





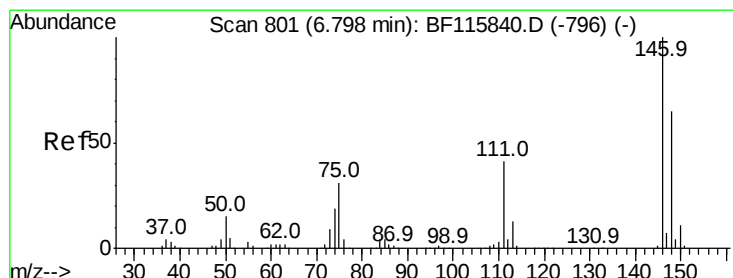
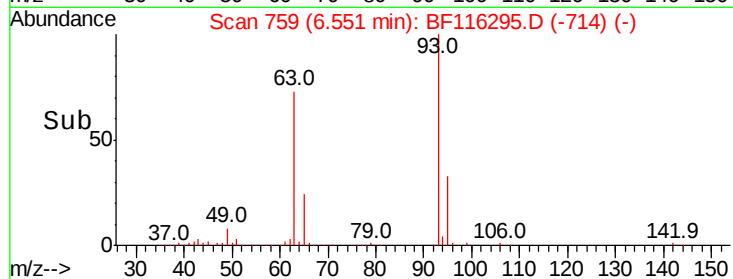
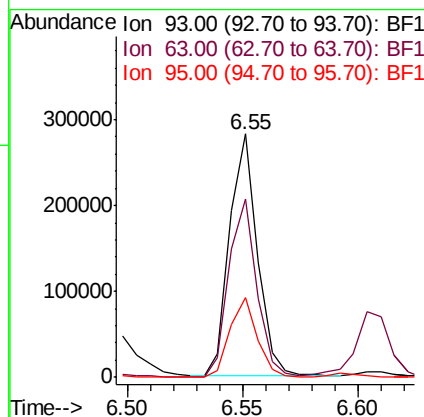
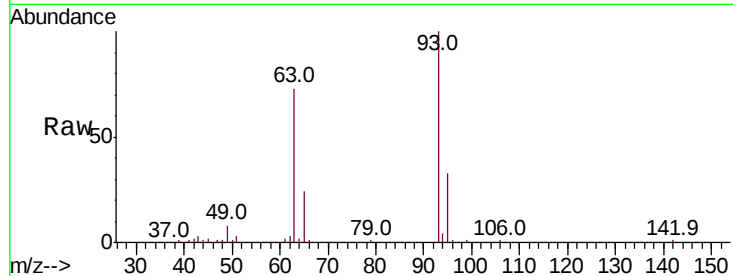
#11
bis(2-Chloroethyl)ether
Concen: 43.271 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :
SP-2MS

Tot Ion:	93	Resp:	235644
Ion Ratio	Lower	Upper	
93	100		
63	73.1	51.9	91.9
95	32.7	13.0	53.0

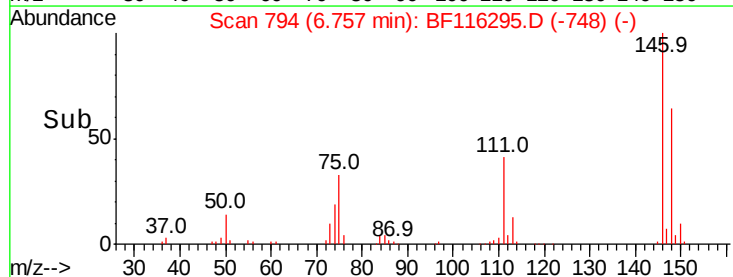
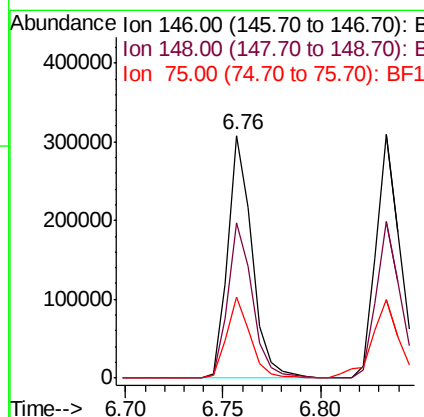
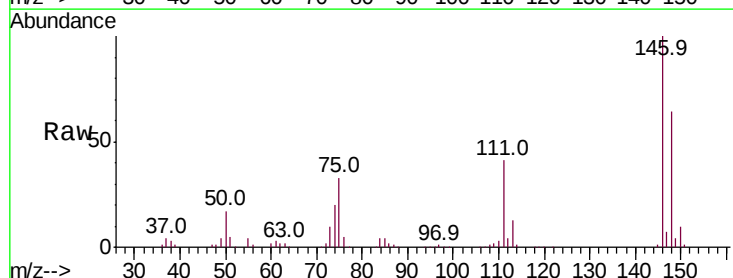
Manual Integrations
APPROVED

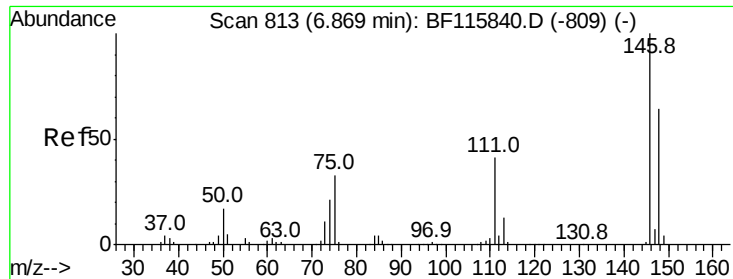
Jagrut
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#12
1,3-Dichlorobenzene
Concen: 41.829 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion:	146	Resp:	266503
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.3	76.9
75	33.4	27.4	41.2





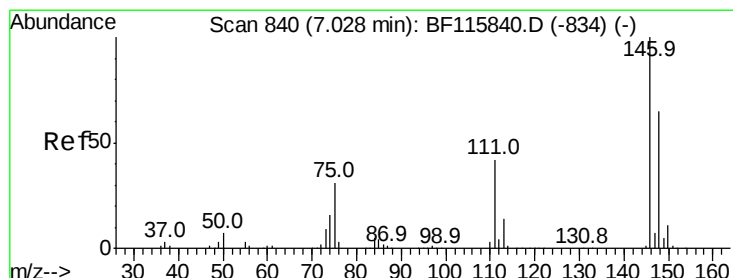
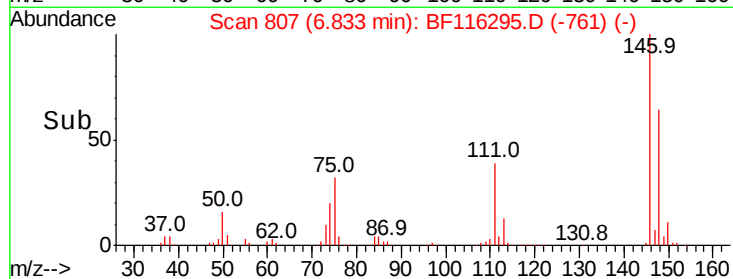
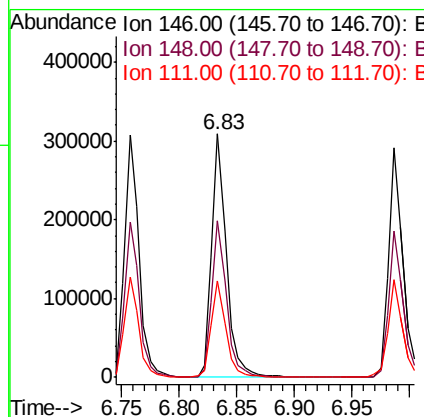
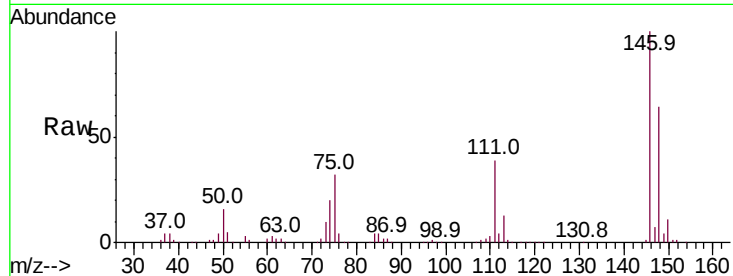
#13
 1,4-Dichlorobenzene
 Concen: 43.345 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampleId :
 SP-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
111	39.4	34.0	51.0

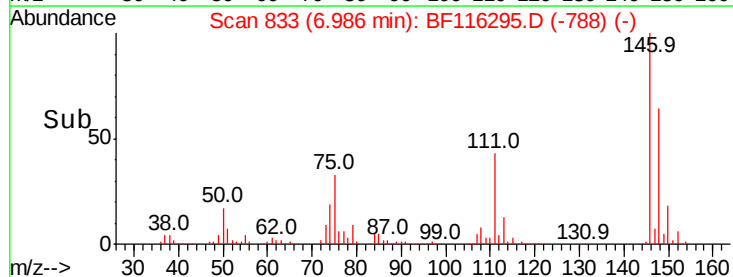
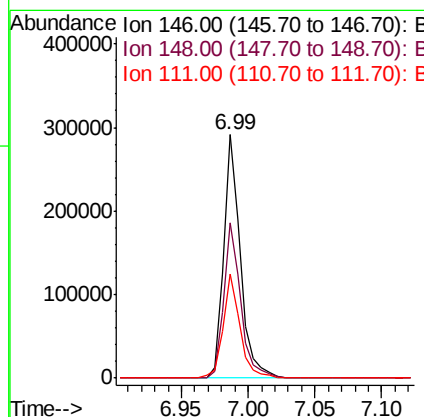
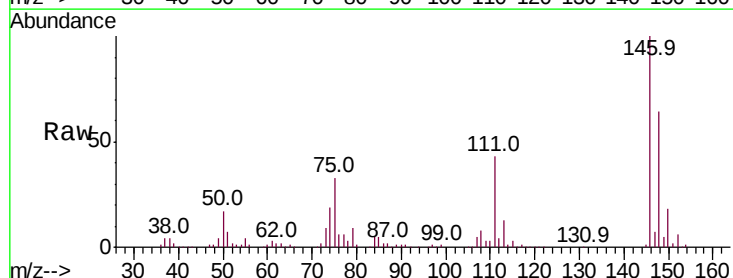
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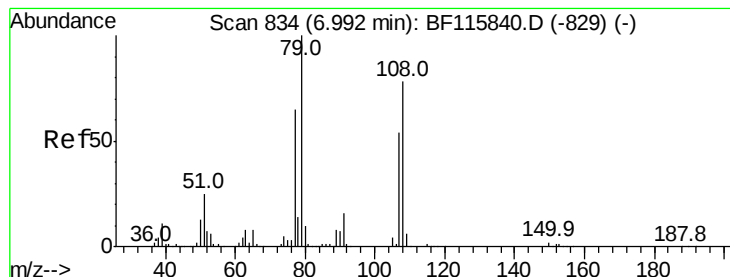
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#14
 1,2-Dichlorobenzene
 Concen: 43.958 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
111	42.8	33.5	50.3





#15

Benzyl Alcohol

Concen: 44.310 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

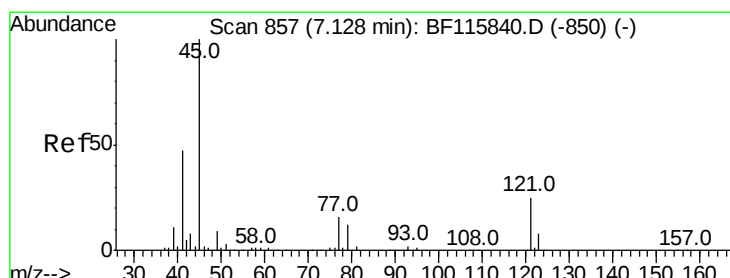
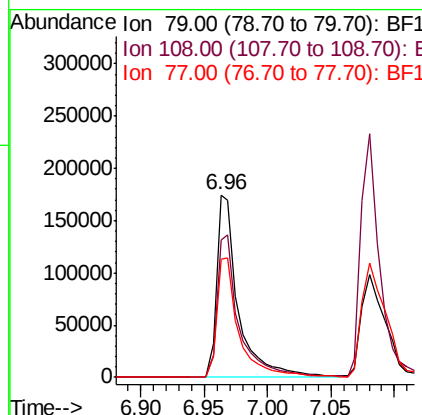
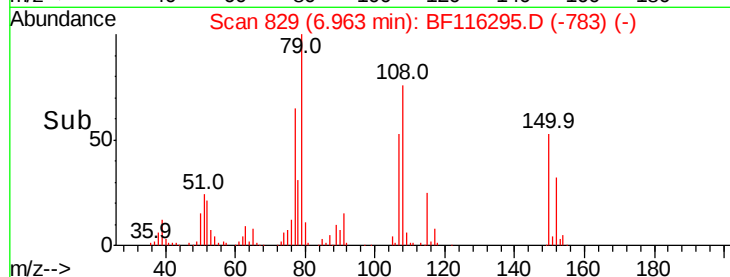
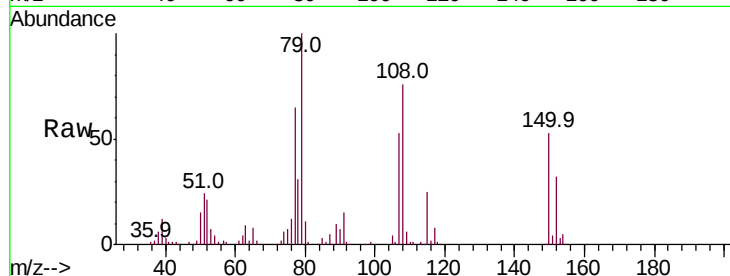
ClientSampled :

SP-2MS

Tot Ion:	79	Resp:	211511
Ion Ratio	Lower	Upper	
79	100		
108	75.5	62.7	94.1
77	64.8	52.2	78.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.571 ng

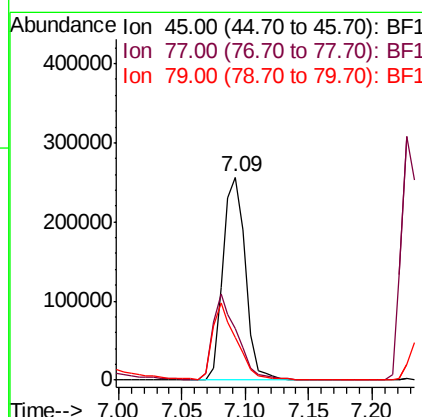
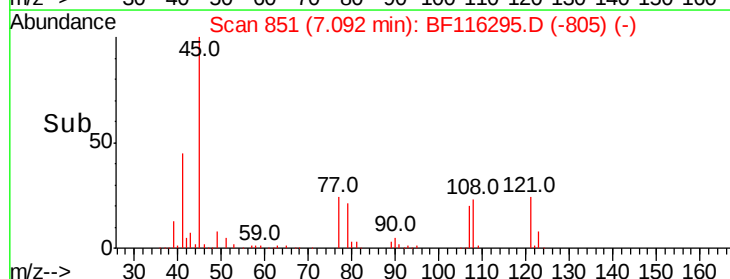
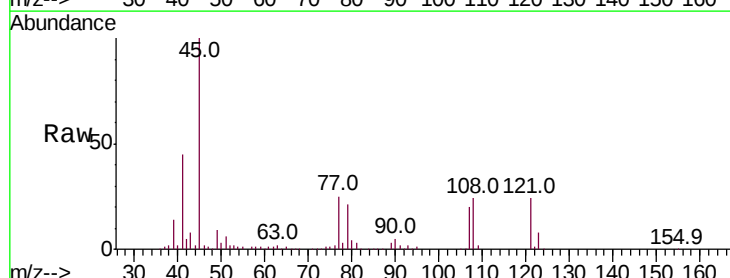
RT: 7.09 min Scan# 851

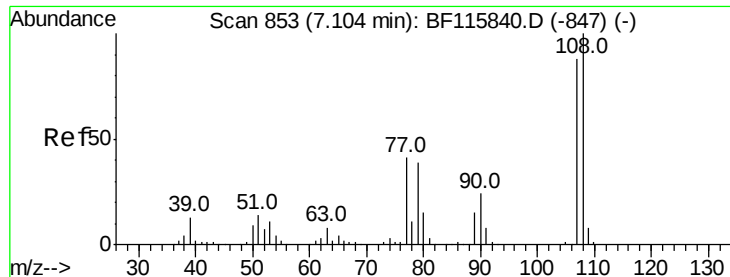
Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Tgt Ion:	45	Resp:	316220
Ion Ratio	Lower	Upper	
45	100		
77	25.1	0.0	40.0
79	21.3	0.0	35.9





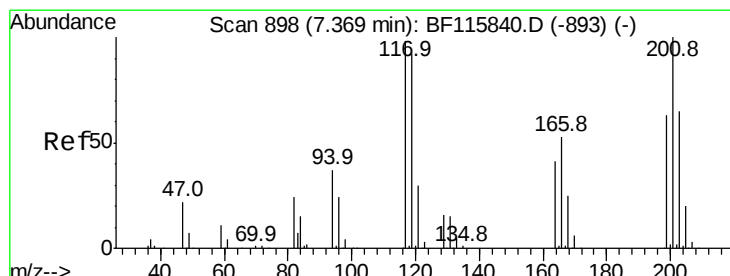
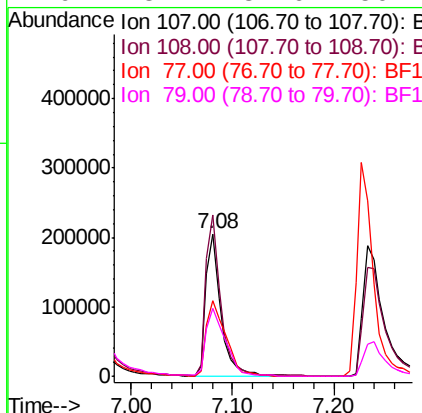
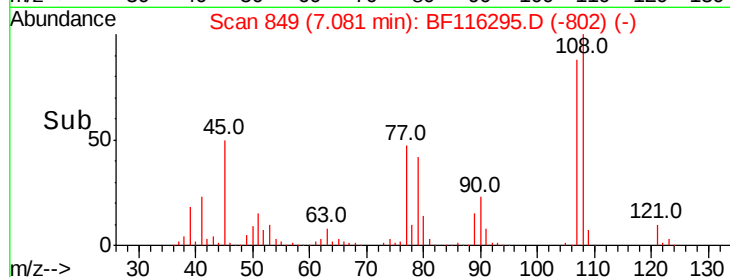
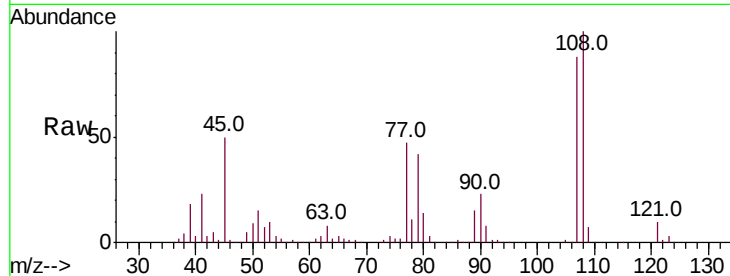
#17
2-Methylphenol
Concen: 44.649 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampled :
SP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	208421		
108	113.8		91.2	136.8
77	53.6		40.3	60.5
79	48.1		37.6	56.4

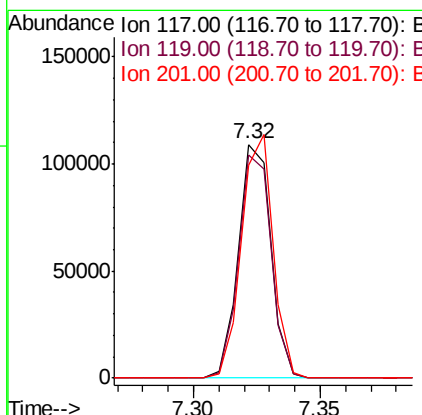
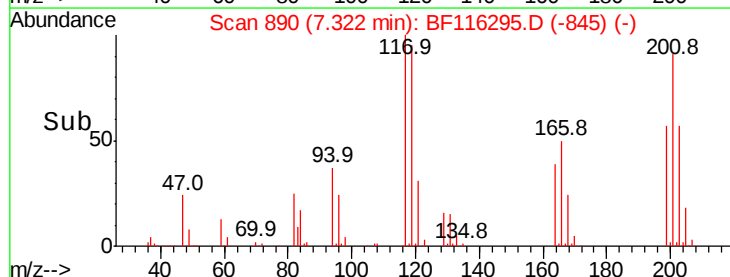
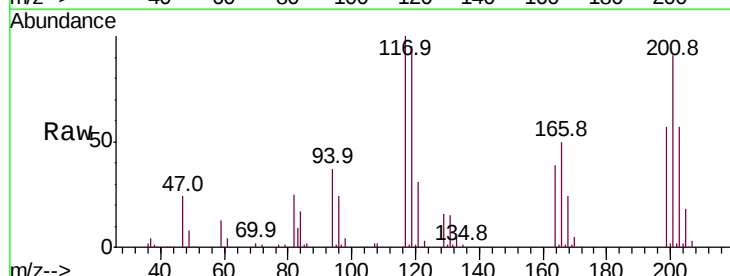
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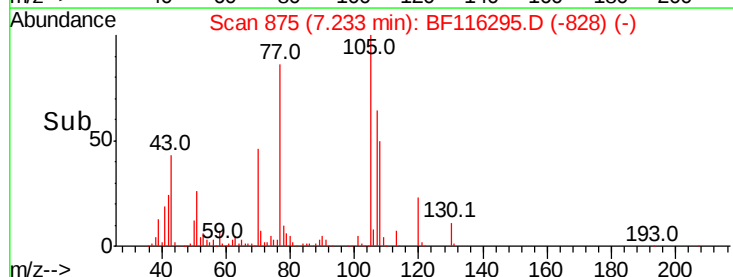
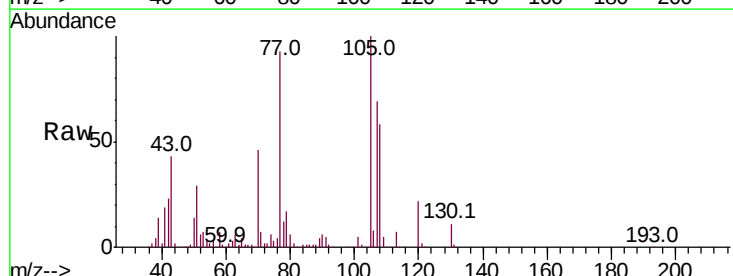
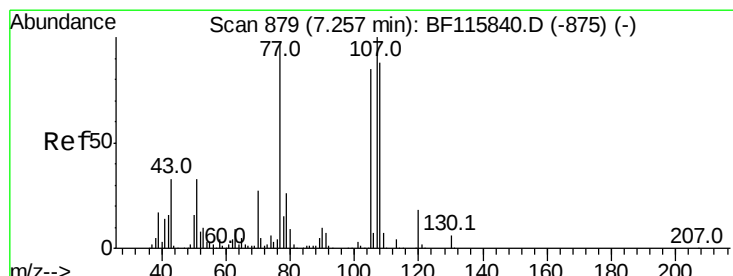
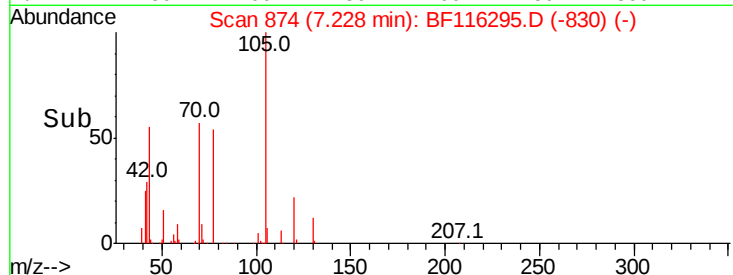
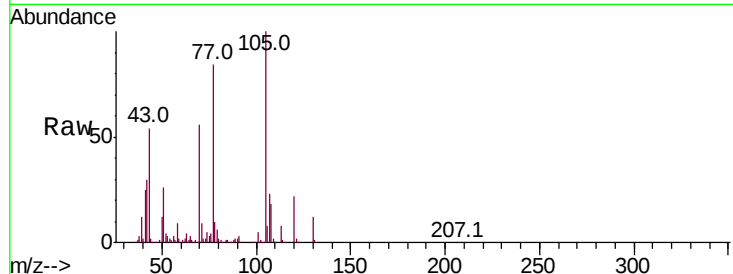
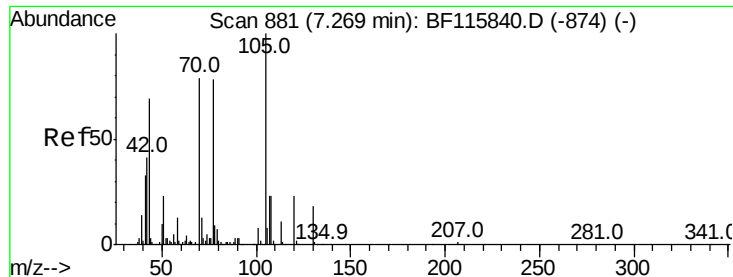
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#18
Hexachloroethane
Concen: 41.374 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	97175		
119	95.4		76.1	114.1
201	90.9		77.0	115.4





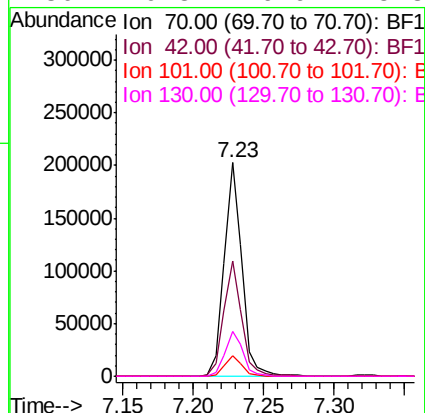
#19
n-Nitroso-di-n-propylamine
Concen: 45.124 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :
SP-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.1	40.9	61.3		
101	9.6	7.9	11.9		
130	20.8	16.9	25.3		

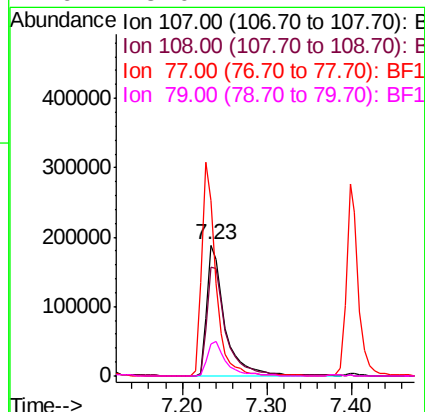
Manual Integrations
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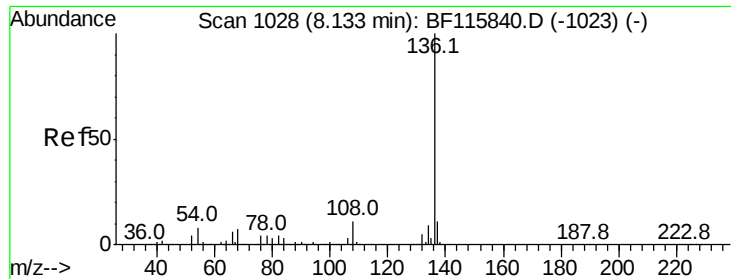
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#20
3+4-Methylphenols
Concen: 49.648 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	83.5	67.6	107.6		
77	134.5	104.4	144.4		
79	25.0	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

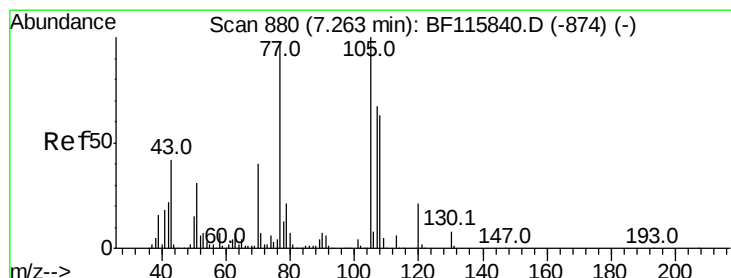
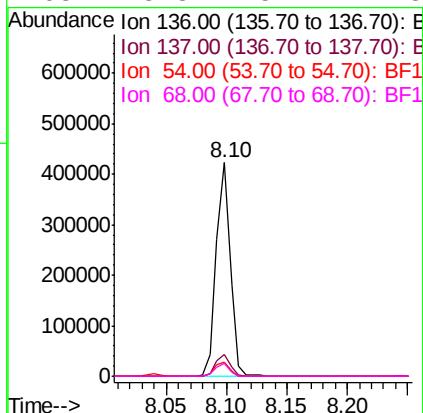
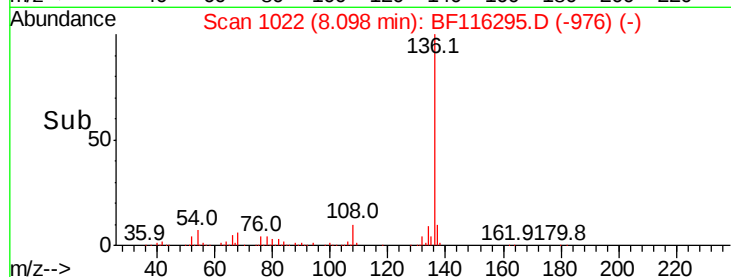
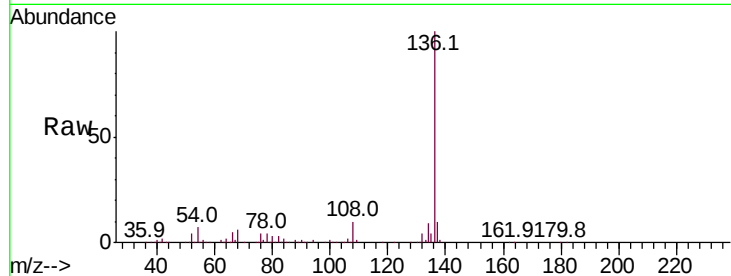
ClientSampleId :

SP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.0	13.4	
54	6.6	5.8	8.6	
68	5.8	5.2	7.8	

Manual Integrations
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#22

Acetophenone

Concen: 47.270 ng

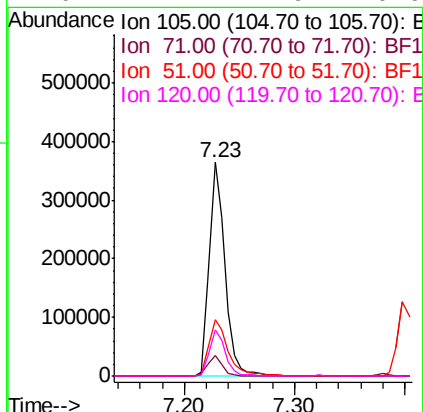
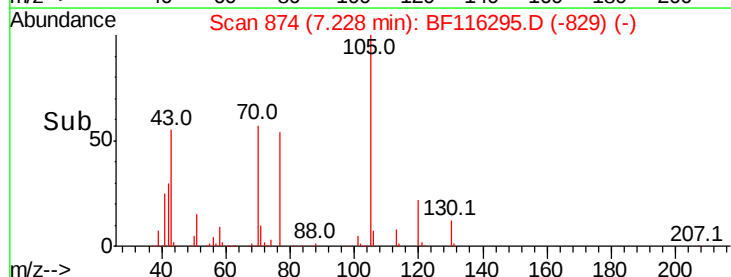
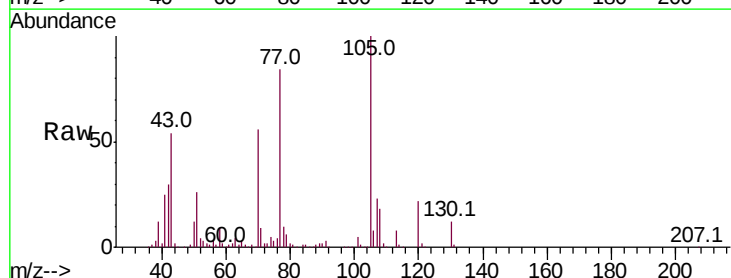
RT: 7.23 min Scan# 874

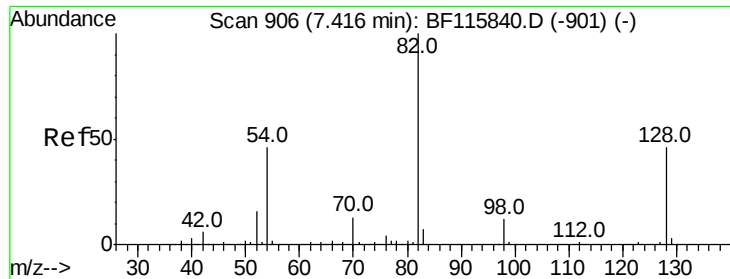
Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.4	5.9	8.9#	
51	26.4	25.3	37.9	
120	21.7	17.9	26.9	





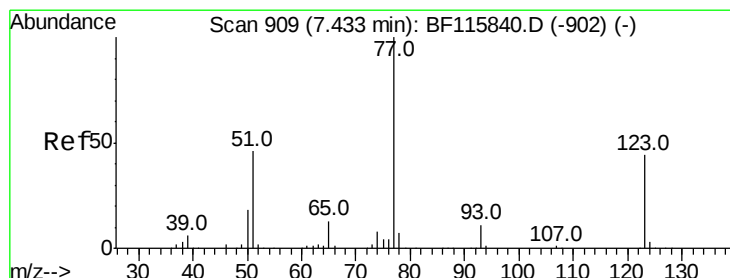
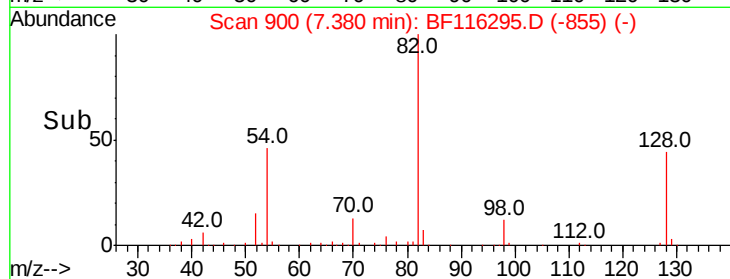
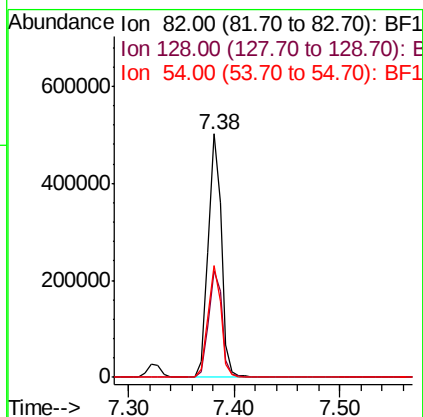
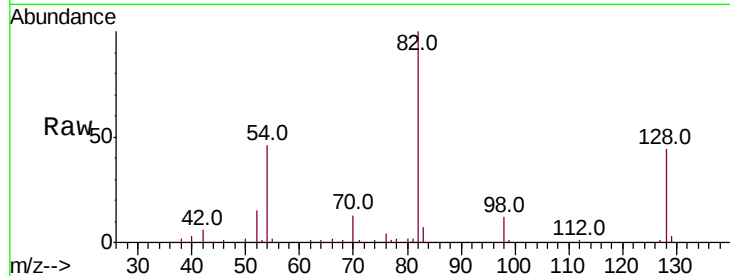
#23
Nitrobenzene-d5
Concen: 76.133 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :
SP-2MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.5	54.7
54	45.7	36.0	54.0

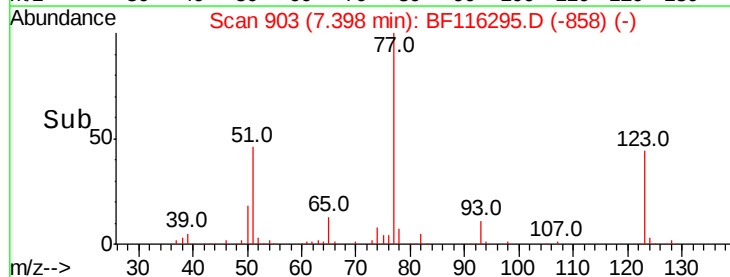
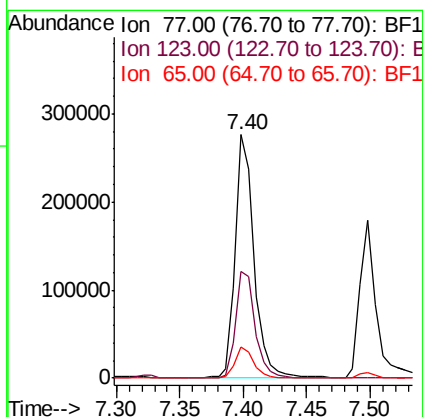
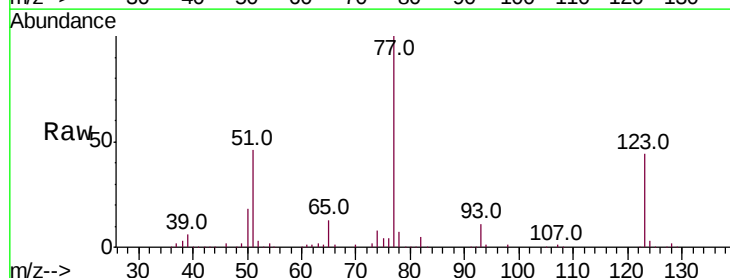
Manual Integrations
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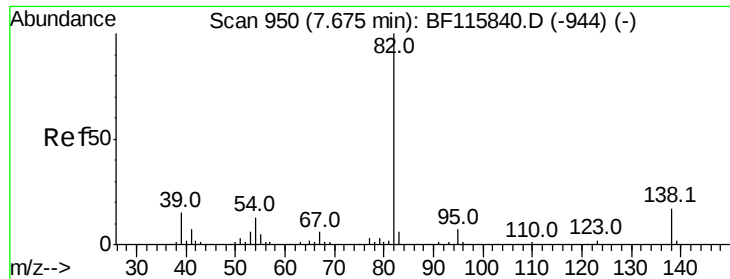
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#24
Nitrobenzene
Concen: 44.572 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	36.7	55.1
65	12.9	10.6	16.0





#25

Isophorone

Concen: 45.171 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

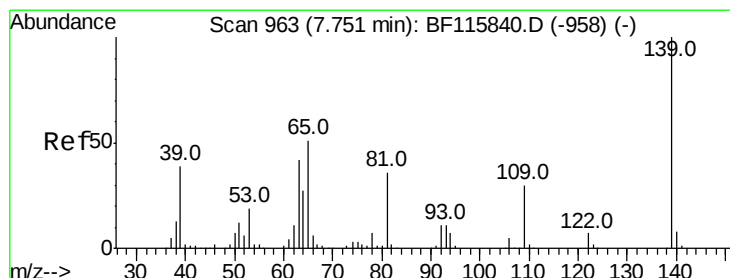
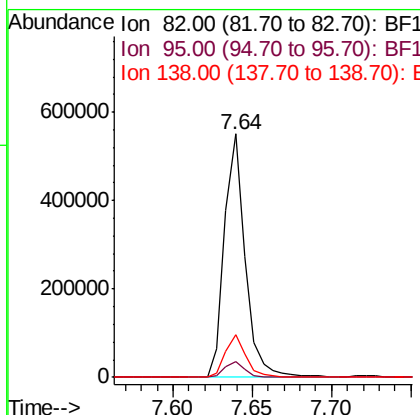
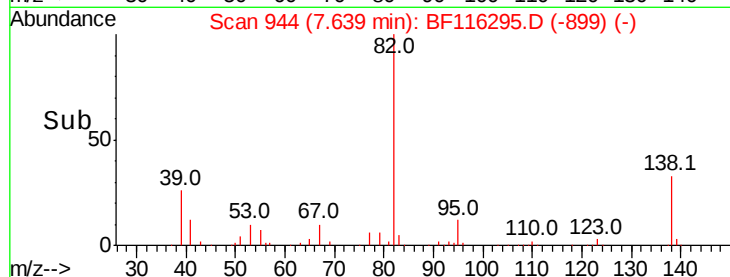
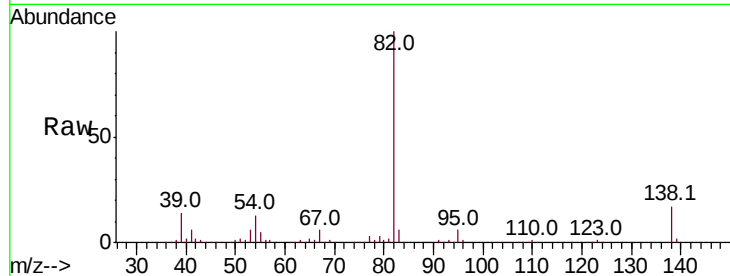
ClientSampled :

SP-2MS

Tot Ion	82	Resp	502500
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.4	8.0
138	17.4	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.347 ng

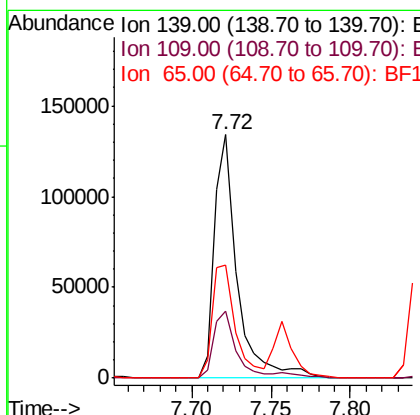
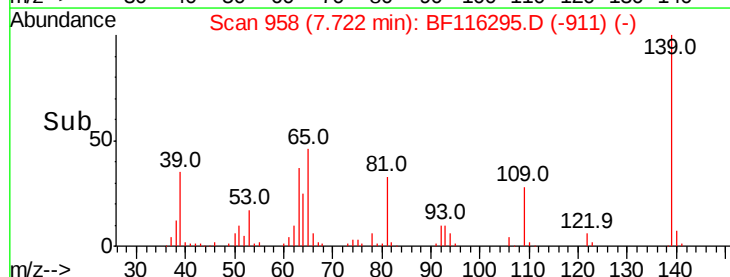
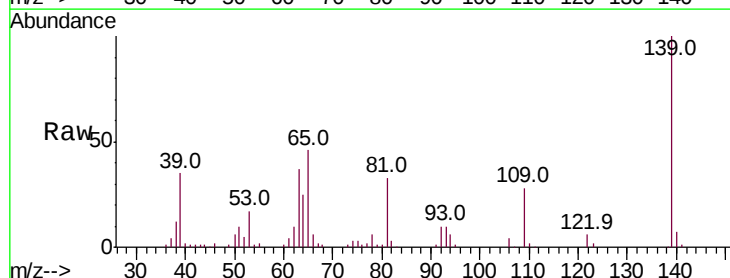
RT: 7.72 min Scan# 958

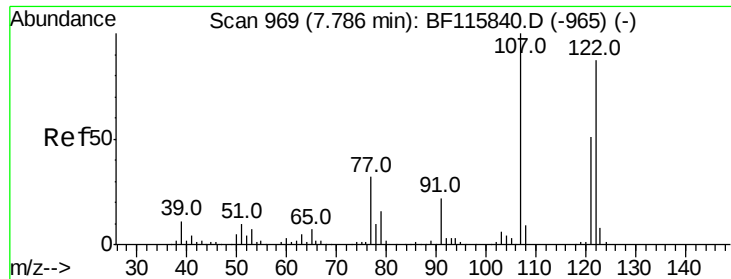
Delta R.T. -0.02 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Tgt Ion	139	Resp	134278
Ion Ratio	Lower	Upper	
139	100		
109	27.6	23.4	35.2
65	46.3	41.1	61.7





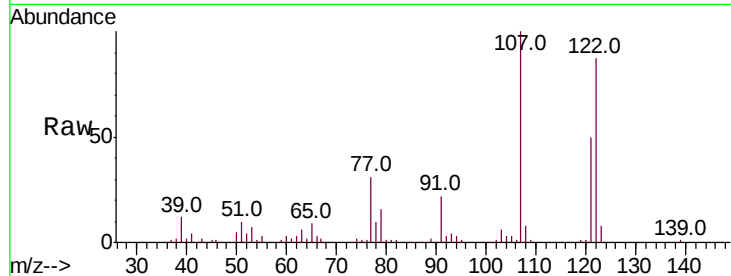
#27
2,4-Dimethylphenol
Concen: 50.779 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :
SP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	226219		
107	115.4	93.0	139.6	
121	57.8	47.6	71.4	

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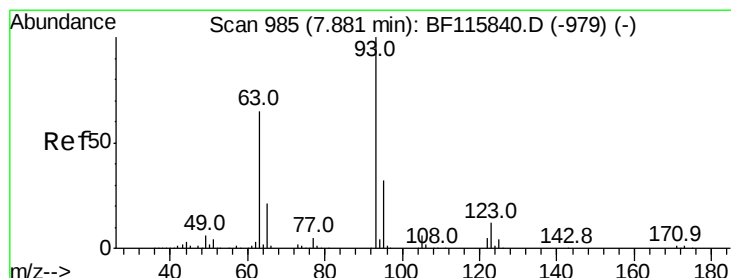
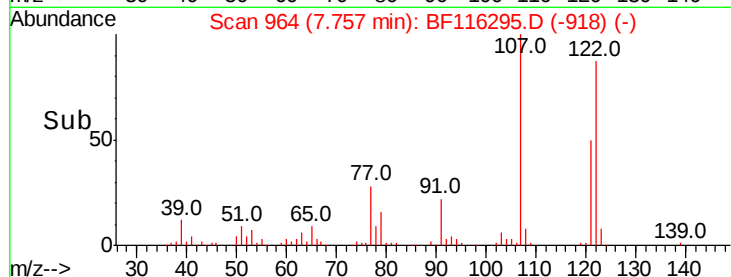
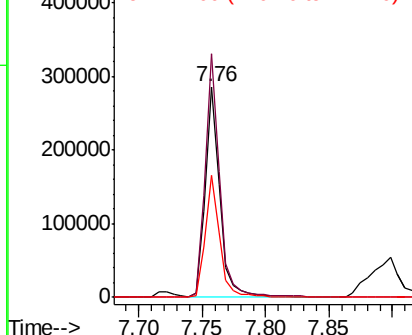


Abundance

Ion 122.00 (121.70 to 122.70): E

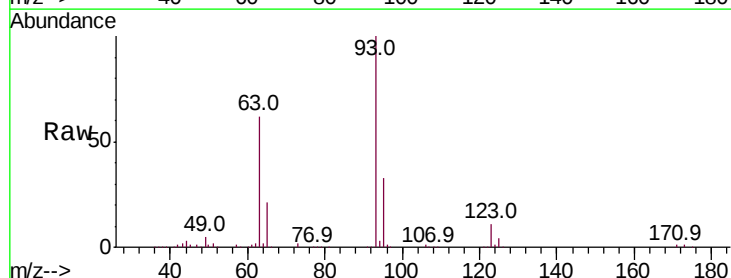
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 44.937 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	309839		
95	33.1	26.2	39.4	
123	11.3	9.2	13.8	

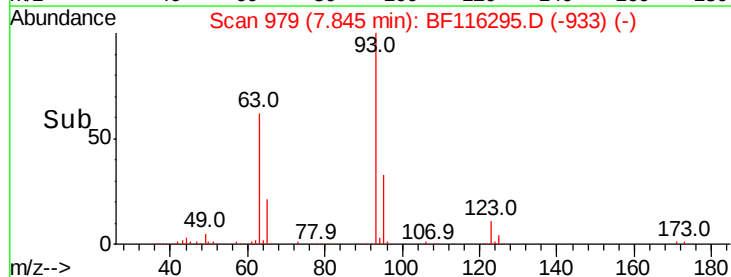
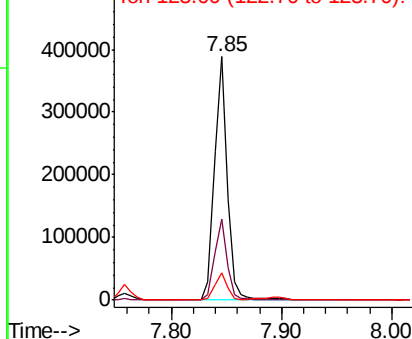


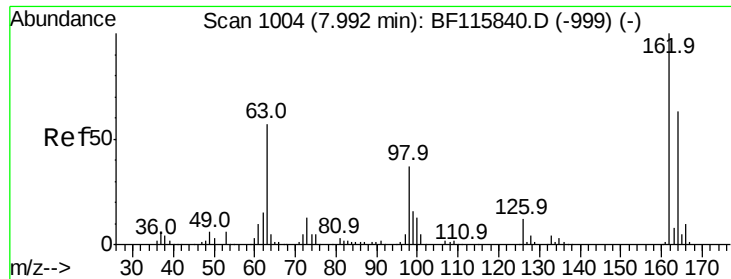
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





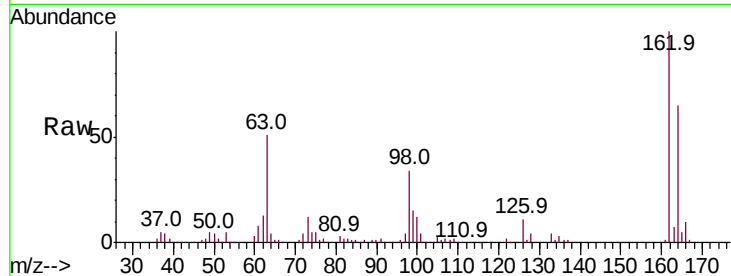
#29
 2,4-Dichlorophenol
 Concen: 46.858 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampled :
 SP-2MS

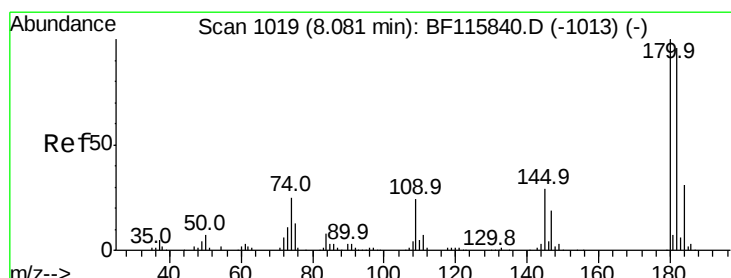
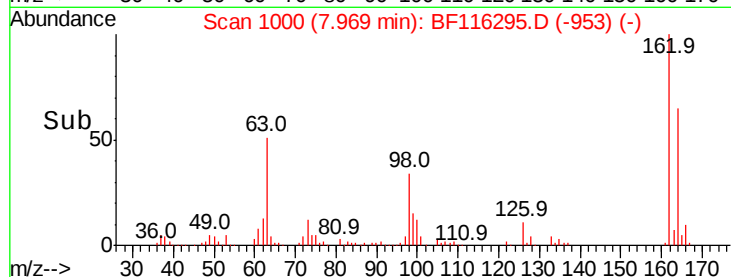
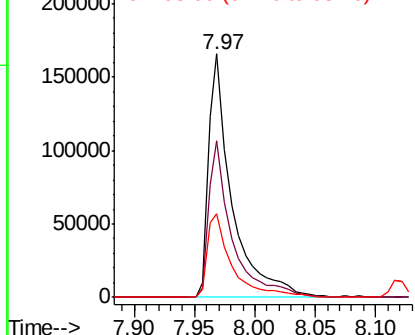
Tot Ion:	162	Resp:	220411
Ion Ratio	Lower	Upper	
162	100		
164	64.5	45.1	85.1
98	34.3	15.8	55.8

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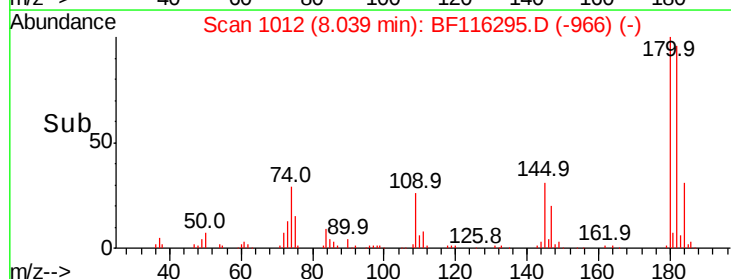
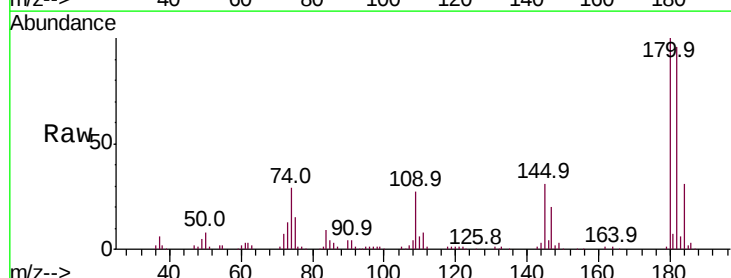
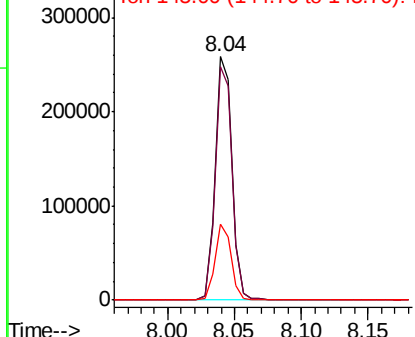
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

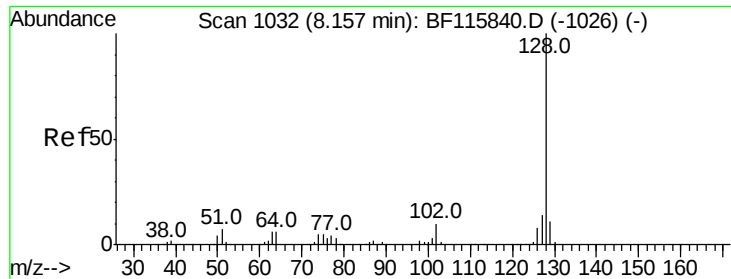


#30
 1,2,4-Trichlorobenzene
 Concen: 43.127 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion:	180	Resp:	231241
Ion Ratio	Lower	Upper	
180	100		
182	96.1	75.7	113.5
145	31.4	24.3	36.5

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





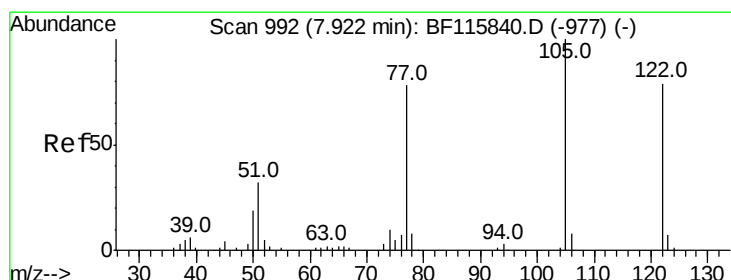
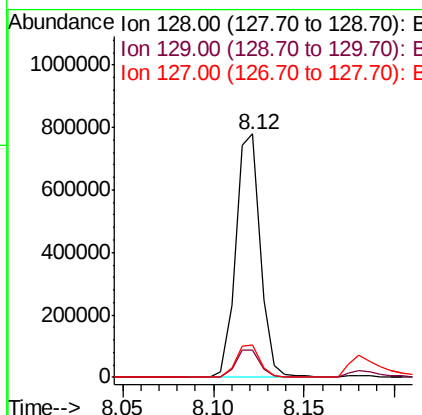
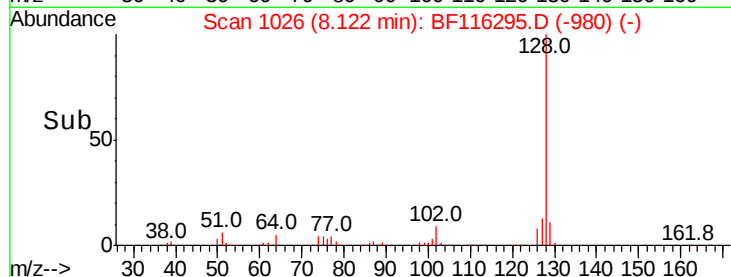
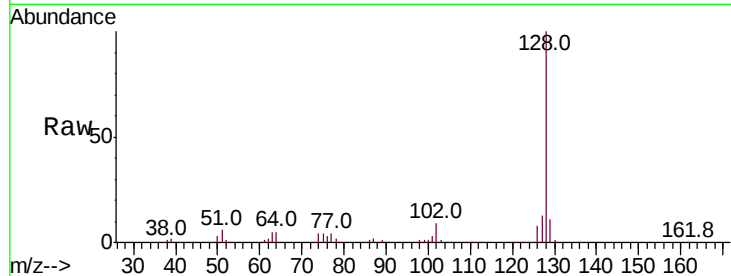
#31
Naphthalene
Concen: 46.615 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampled :
SP-2MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.2	11.4	17.0

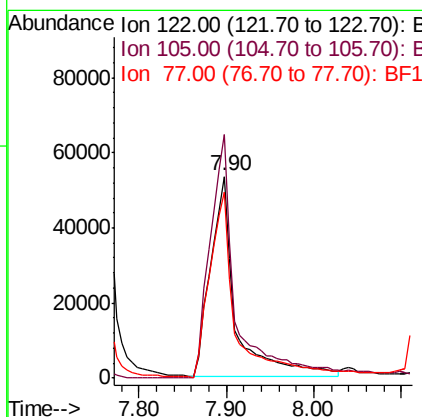
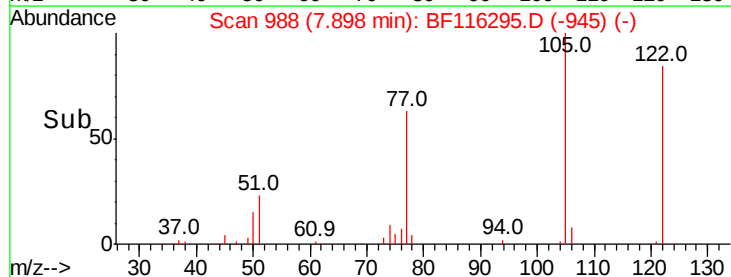
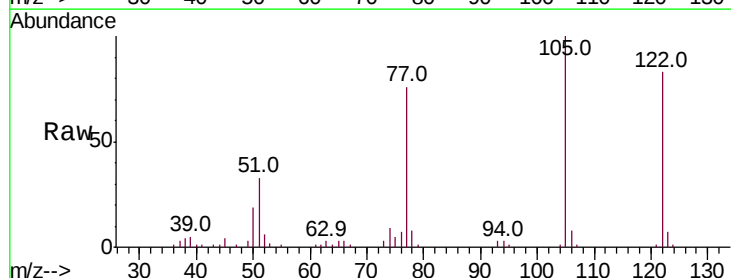
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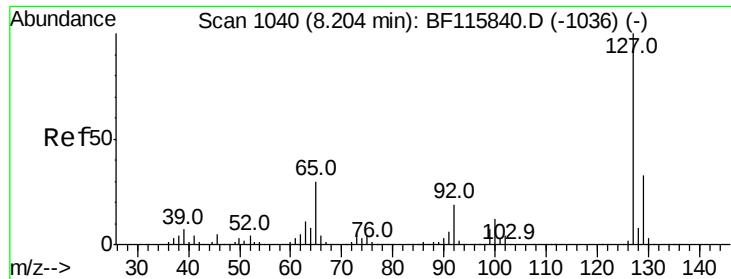
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#32
Benzoic acid
Concen: 34.043 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.05 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	106.1	146.1
77	91.8	76.7	116.7





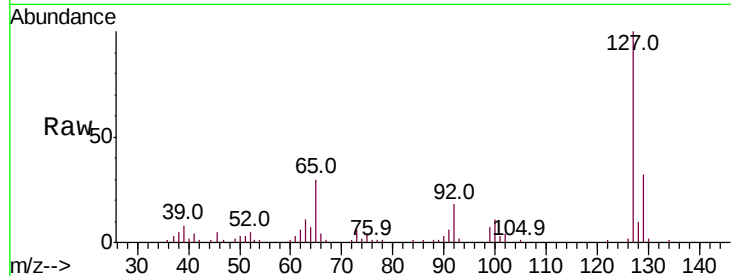
#33
4-Chloroaniline
Concen: 13.796 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :
SP-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.1	39.1		
65	29.6	24.9	37.3		
92	18.3	15.7	23.5		

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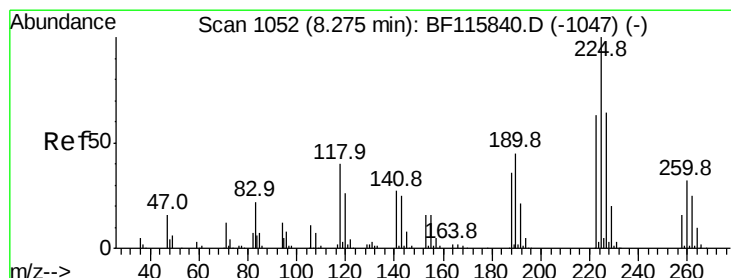
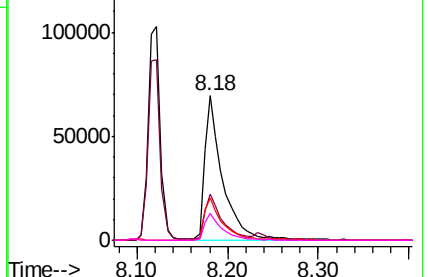
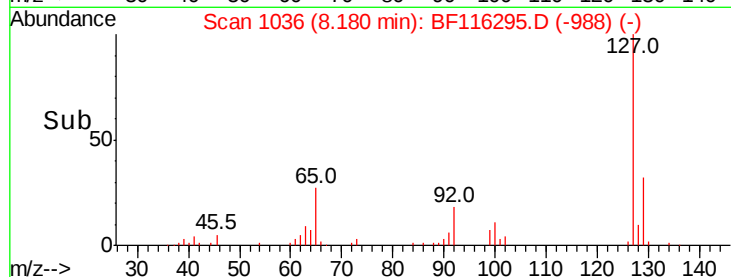
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

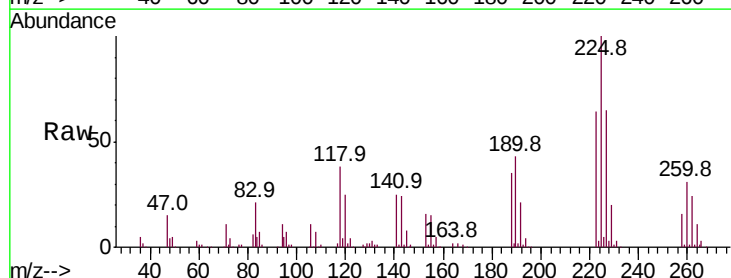
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.301 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.0	75.0		
227	64.6	51.0	76.4		

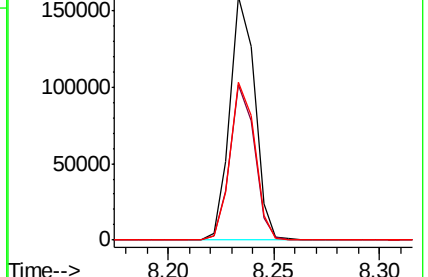
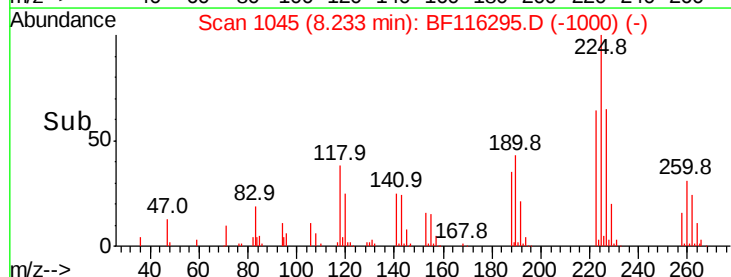


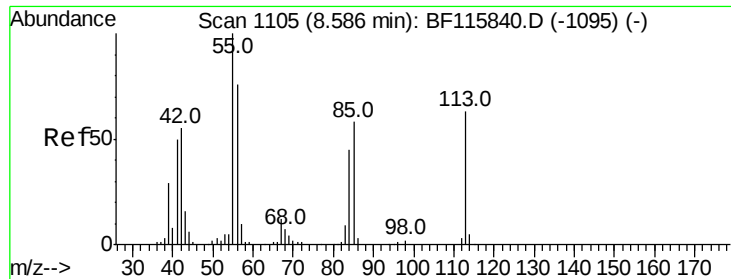
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





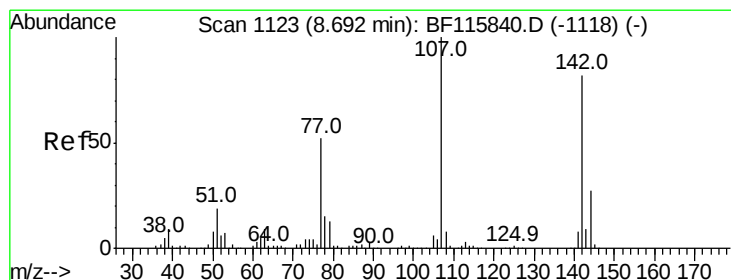
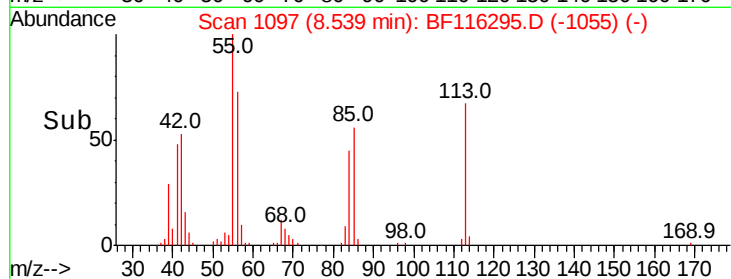
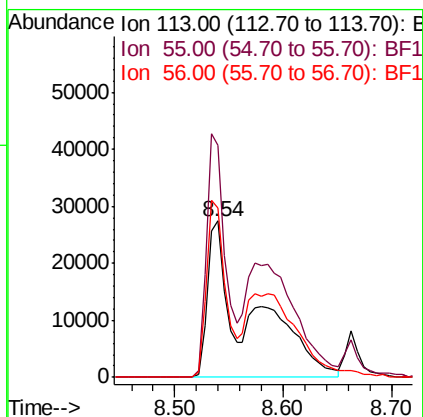
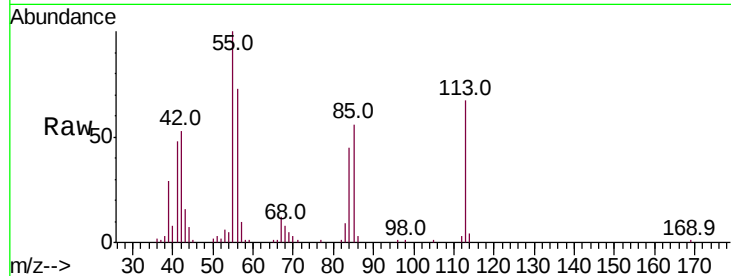
#35
Caprolactam
Concen: 48.049 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. -0.05 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampled :
SP-2MS

Tot Ion:113 Resp: 73099
Ion Ratio Lower Upper
113 100
55 148.8 144.3 184.3
56 108.7 97.1 137.1

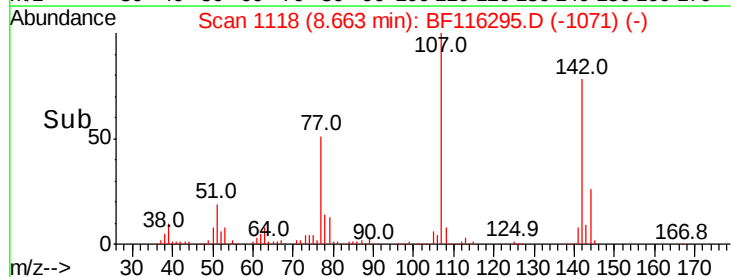
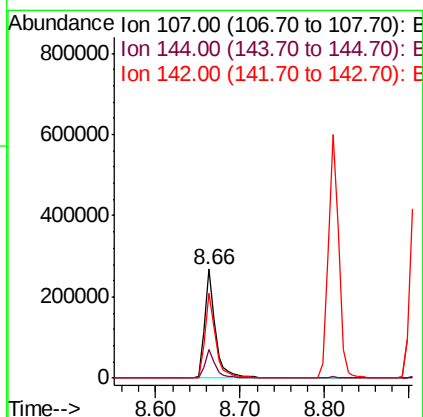
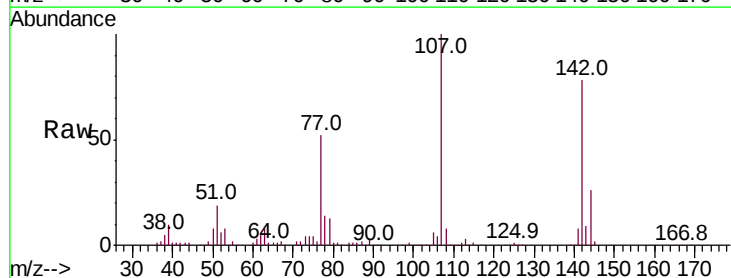
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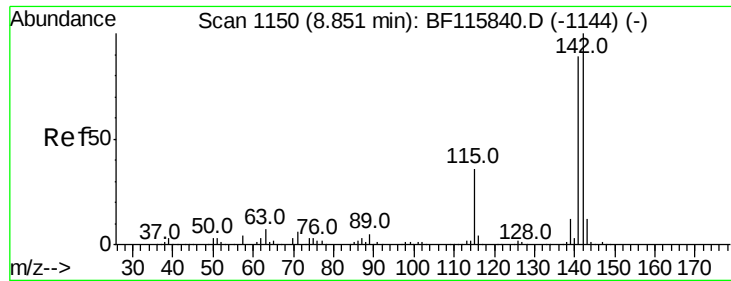
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#36
4-Chloro-3-methylphenol
Concen: 47.989 ng/ml
RT: 8.66 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion:107 Resp: 234834
Ion Ratio Lower Upper
107 100
144 25.7 20.2 30.2
142 78.5 61.7 92.5





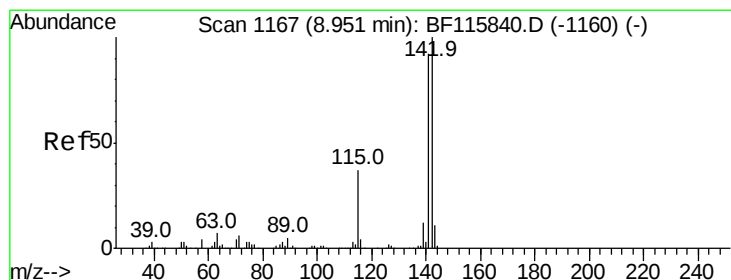
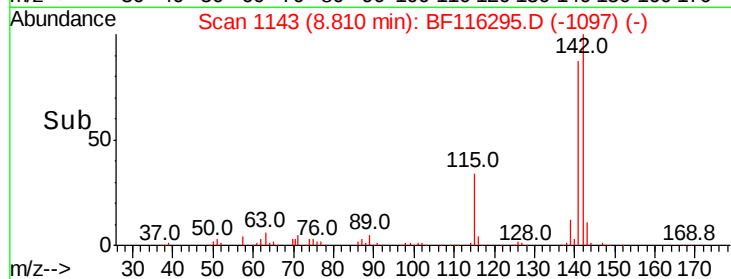
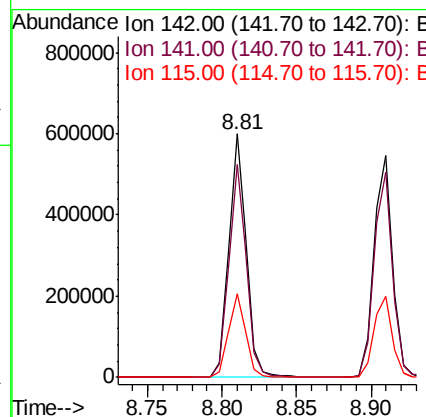
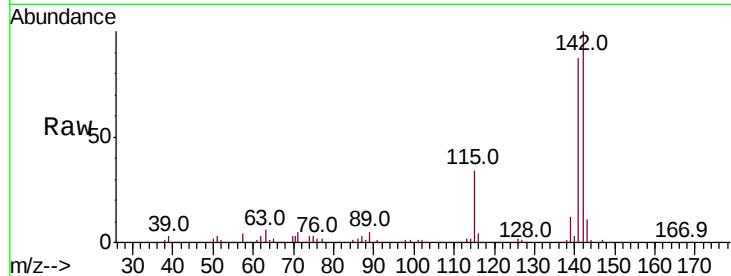
#37
 2-Methylnaphthalene
 Concen: 47.760 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampleId :
 SP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	497059		
141	87.4	70.9	106.3	
115	34.4	29.0	43.6	

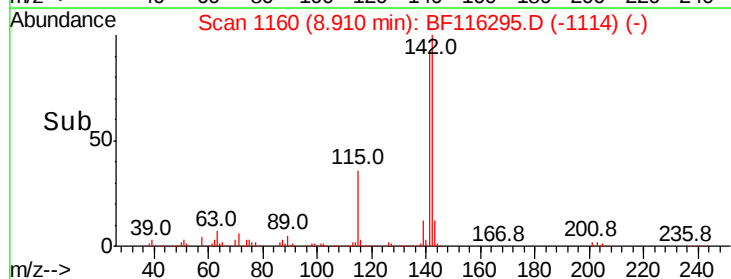
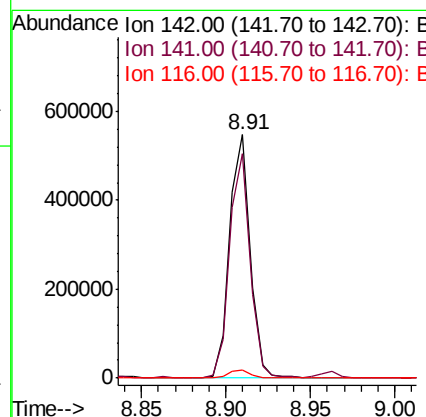
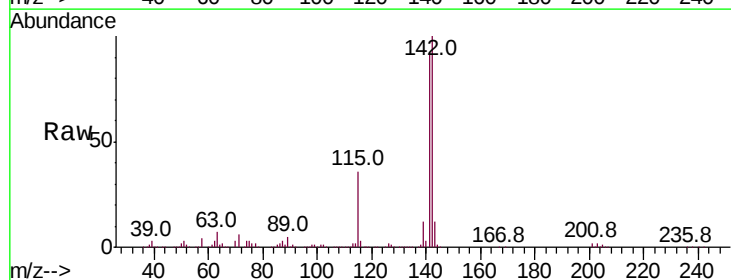
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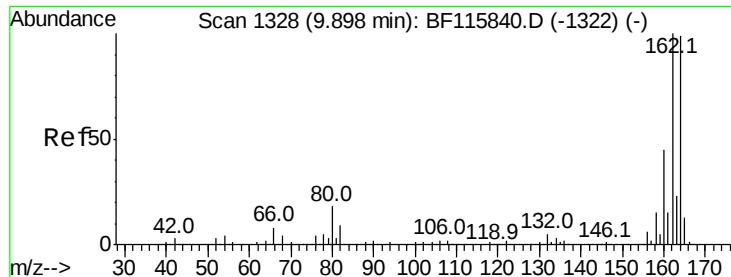
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#38
 1-Methylnaphthalene
 Concen: 46.937 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	462136		
141	92.2	74.4	111.6	
116	3.5	3.1	4.7	





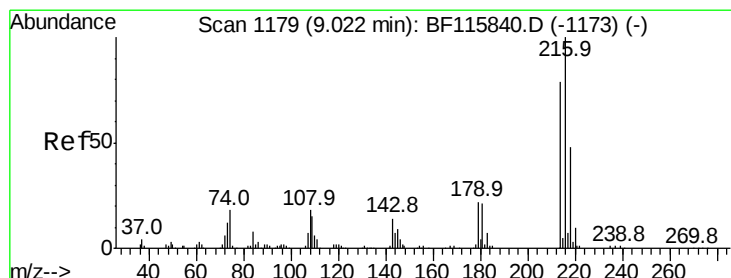
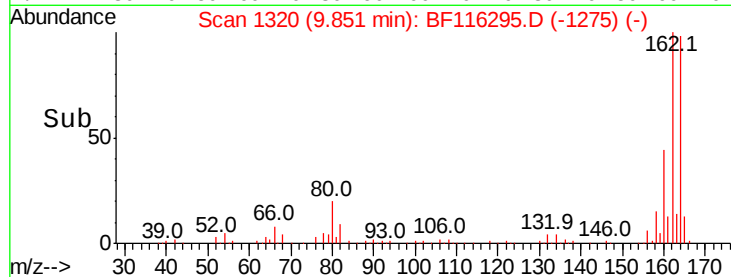
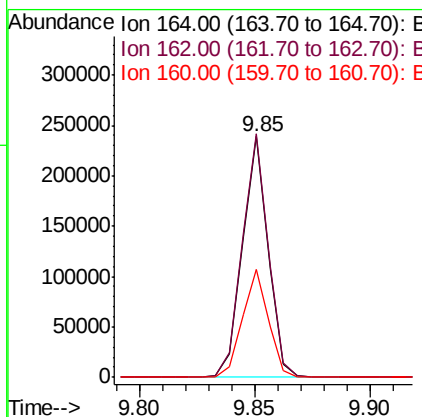
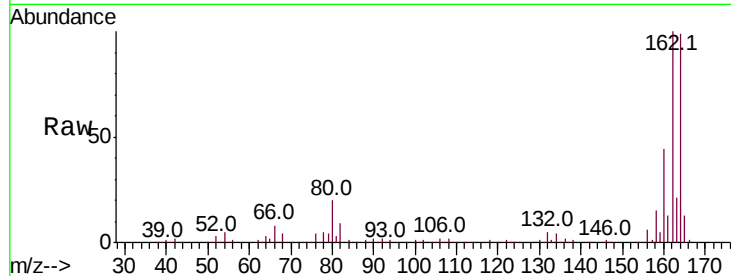
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :
SP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	82.6	124.0	
160	44.6	37.6	56.4	

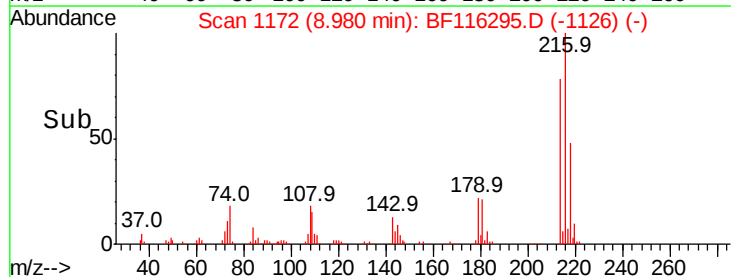
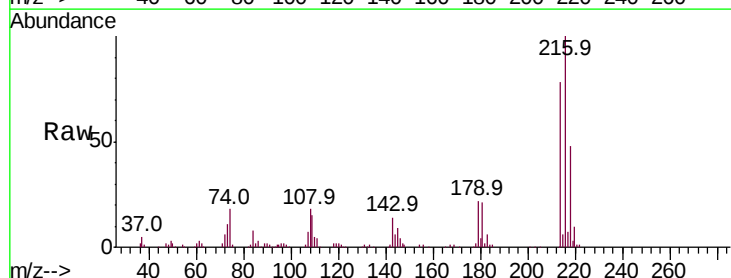
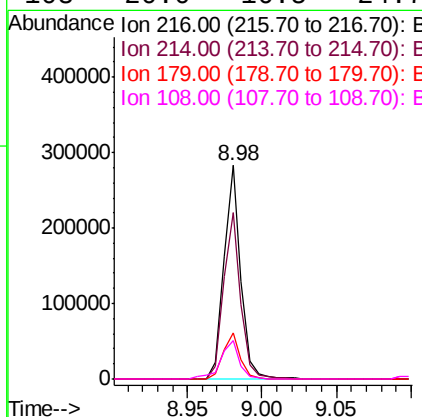
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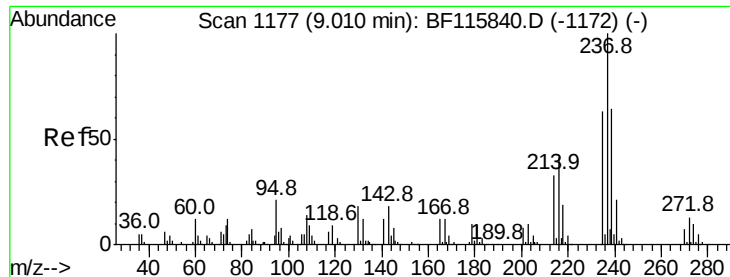
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.359 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	63.6	95.4	
179	21.7	17.8	26.8	
108	20.0	16.5	24.7	





#41

Hexachlorocyclopentadiene

Concen: 39.912 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

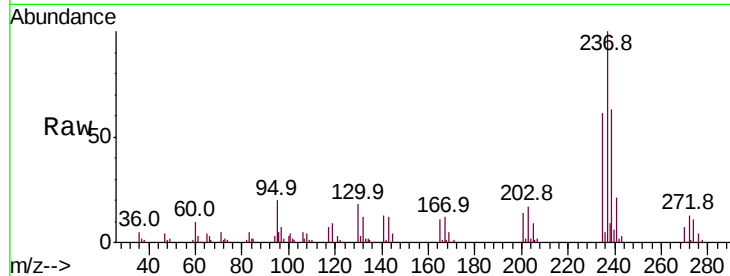
ClientSampleId :

SP-2MS

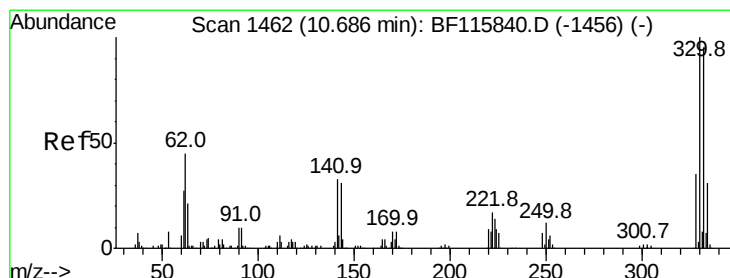
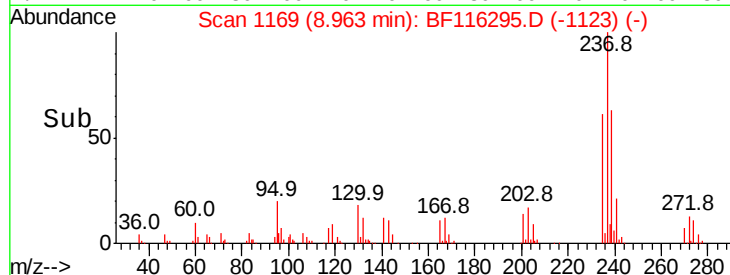
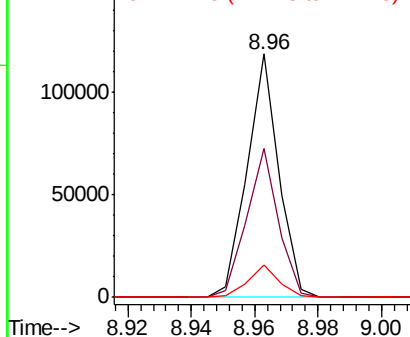
Tot Ion:	237	Resp:	81910
Ion Ratio	Lower	Upper	
237	100		
235	61.0	43.4	83.4
272	13.2	0.0	33.2

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



#42

2,4,6-Tribromophenol

Concen: 116.237 ng

RT: 10.64 min Scan# 1455

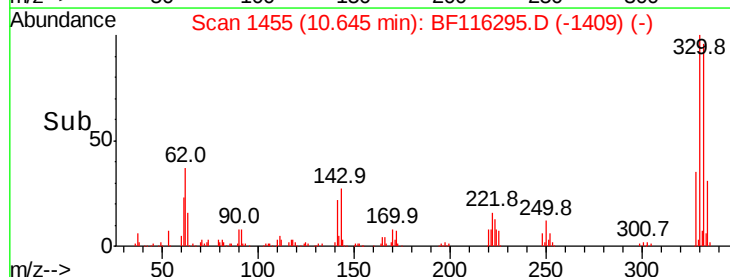
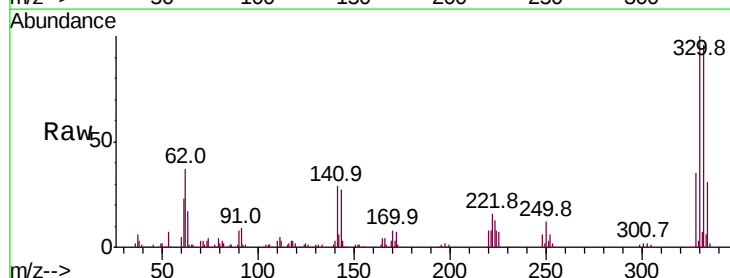
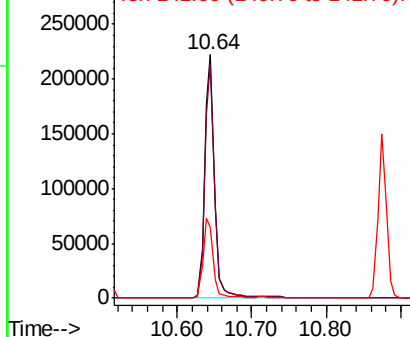
Delta R.T. -0.03 min

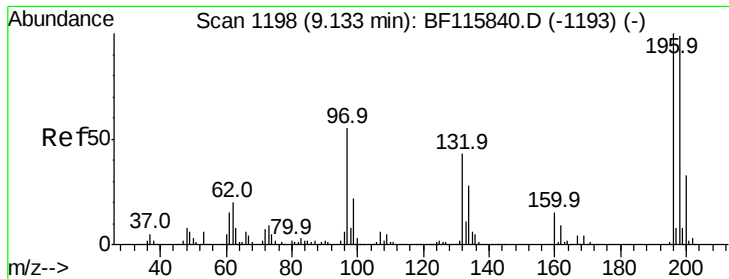
Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Tgt Ion:	330	Resp:	209531
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.8	115.2
141	33.5	26.3	39.5

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





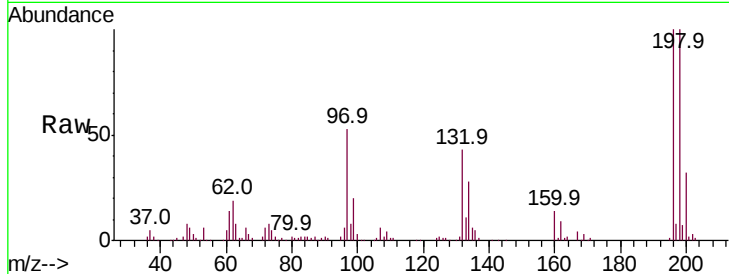
#43
 2,4,6-Trichlorophenol
 Concen: 42.199 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampled :
 SP-2MS

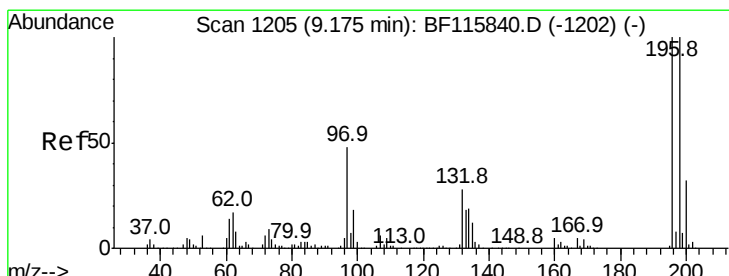
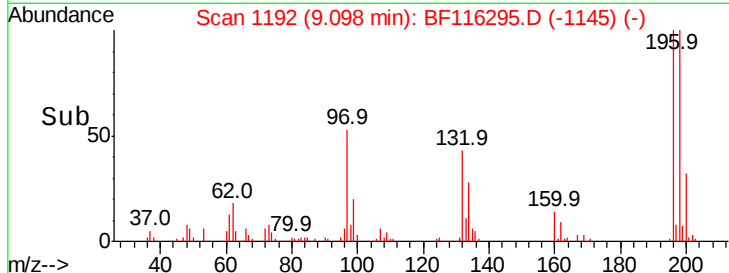
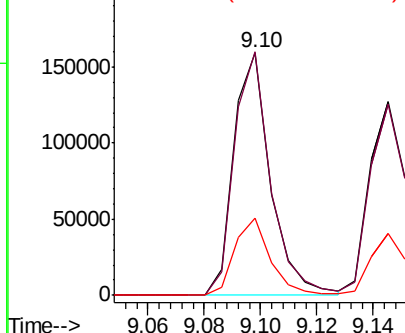
Tot Ion:	196	Resp:	144376
Ion Ratio	Lower	Upper	
196	100		
198	100.2	79.2	118.8
200	32.0	25.2	37.8

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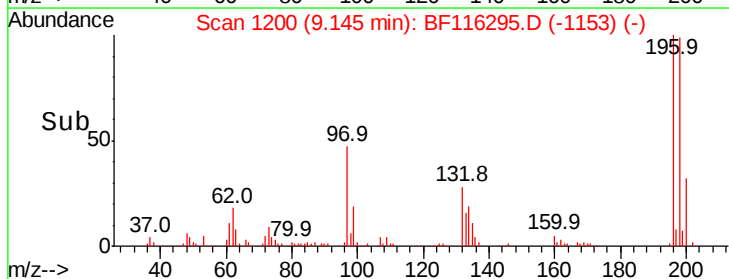
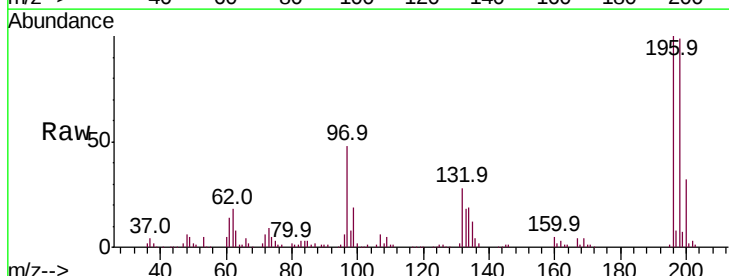
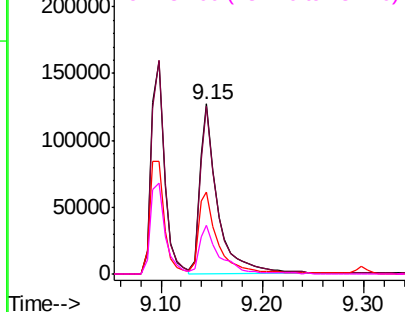
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

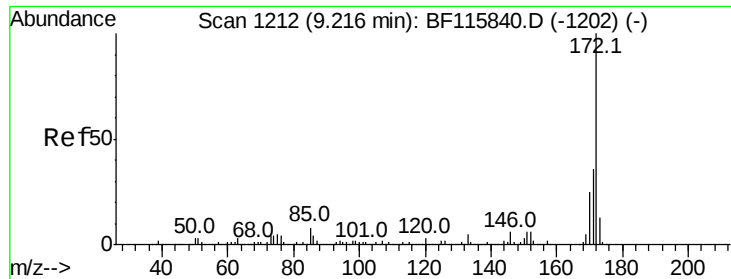


#44
 2,4,5-Trichlorophenol
 Concen: 43.624 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion:	196	Resp:	154281
Ion Ratio	Lower	Upper	
196	100		
198	98.6	78.8	118.2
97	48.2	42.2	63.4
132	28.3	24.0	36.0

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





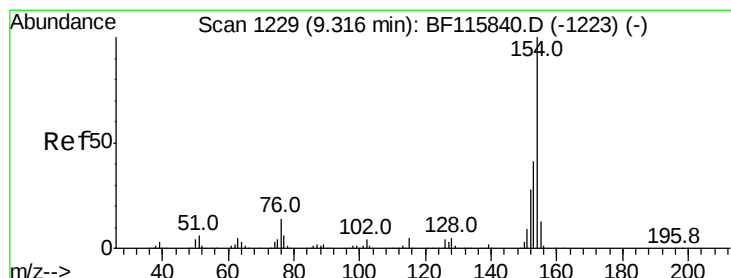
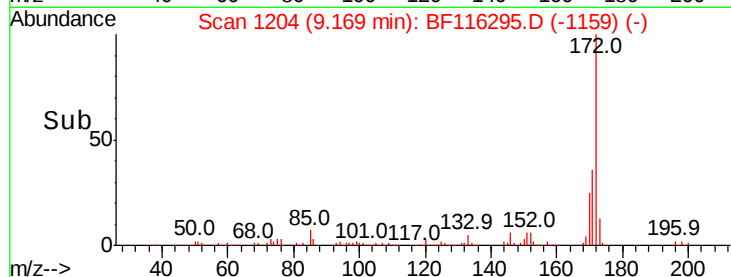
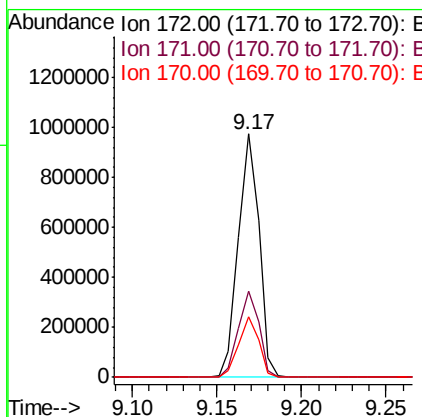
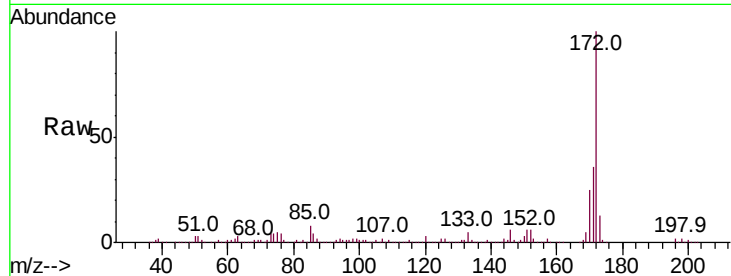
#45
2-Fluorobiphenyl
Concen: 84.058 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :
SP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	834389		
171	35.6		29.6	44.4
170	25.1		20.1	30.1

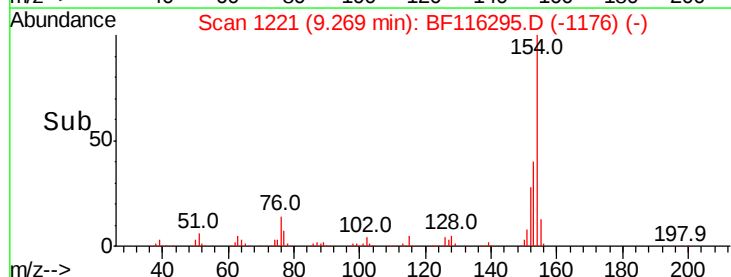
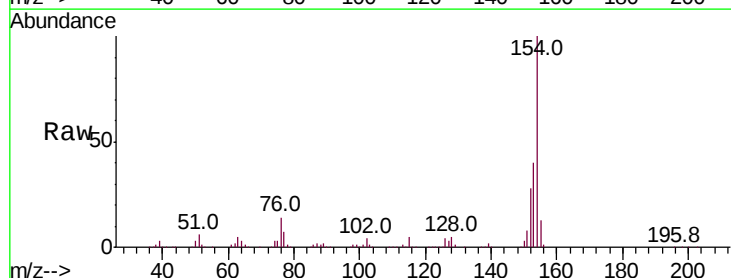
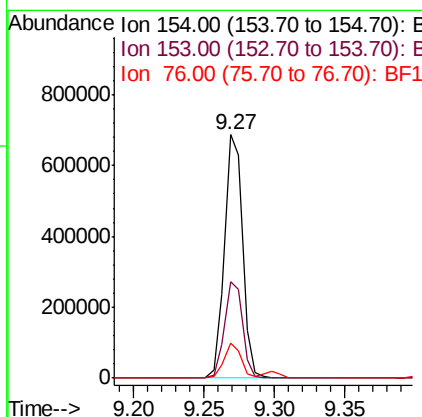
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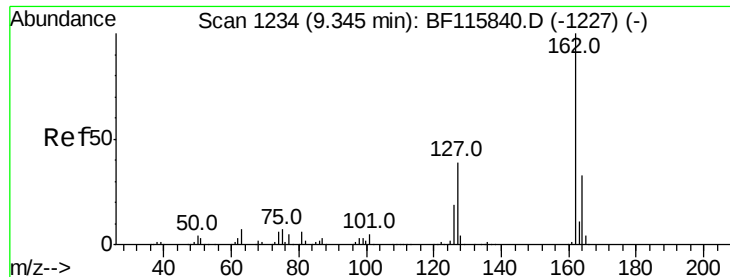
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#46
1,1'-Biphenyl
Concen: 46.728 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	613368		
153	39.8		21.4	61.4
76	14.3		0.0	35.2





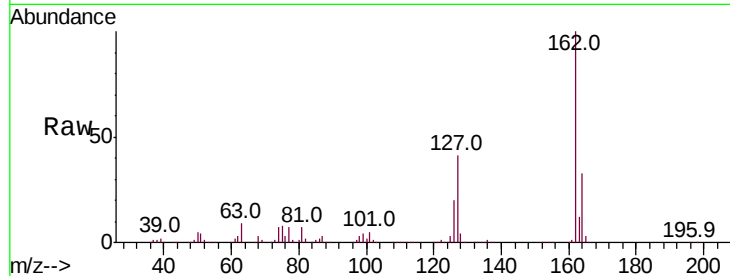
#47
 2-Chloronaphthalene
 Concen: 43.339 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampleId :
 SP-2MS

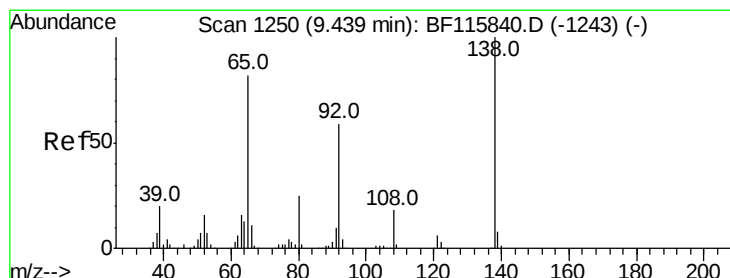
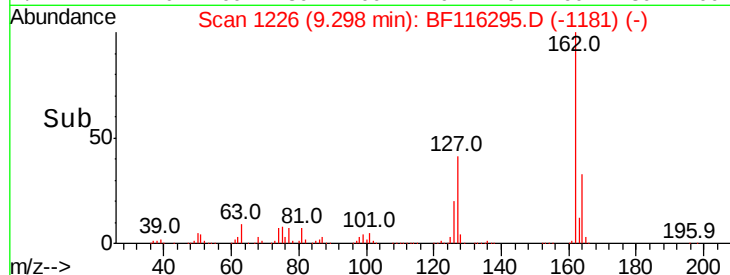
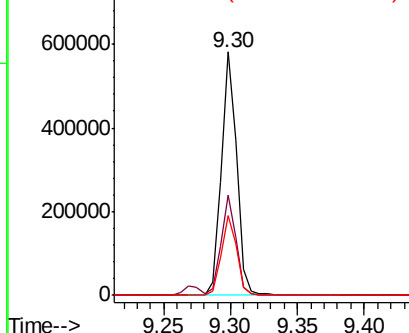
Tot Ion	Ratio	Resp	Lower	Upper
162	100	473479		
127	40.9		32.8	49.2
164	33.0		26.6	39.8

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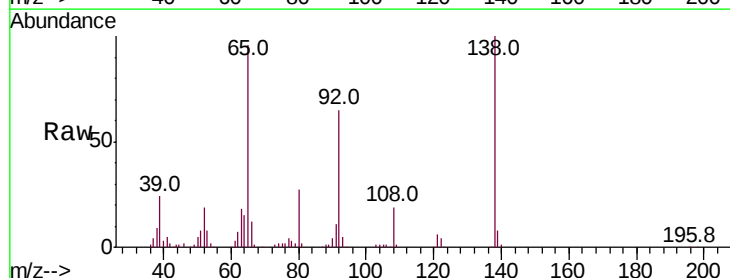


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

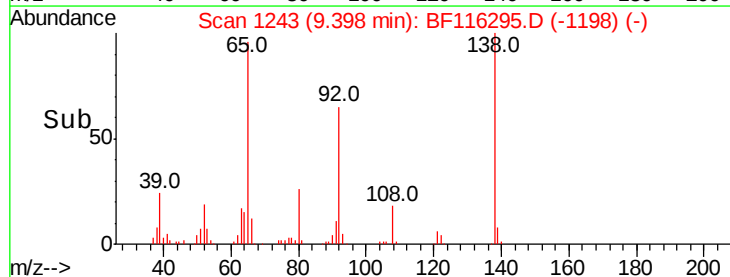
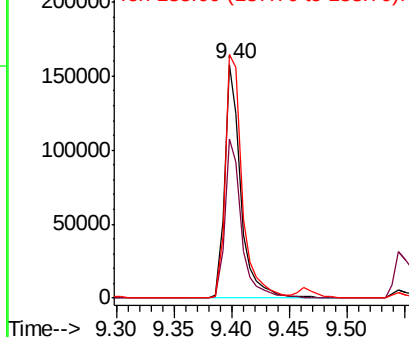


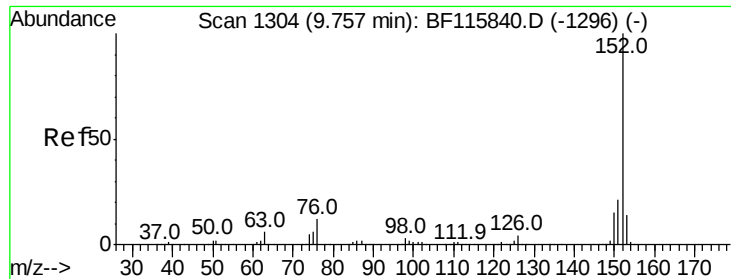
#48
 2-Nitroaniline
 Concen: 42.392 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	153085		
92	68.2		57.8	86.8
138	104.3		94.0	141.0



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





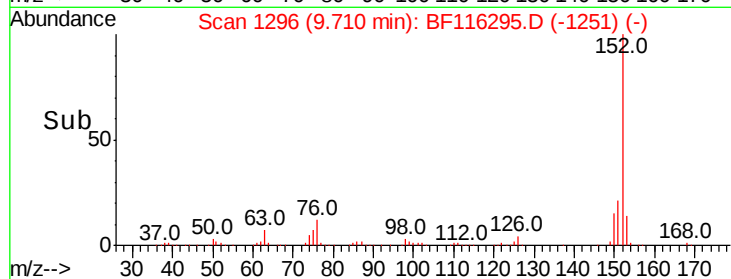
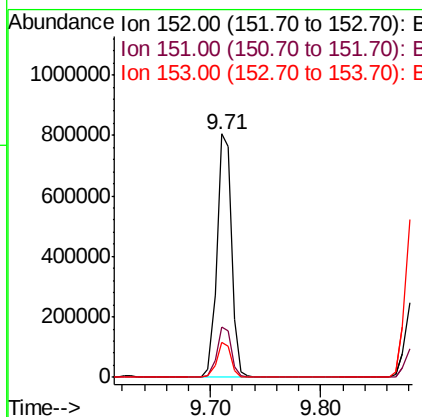
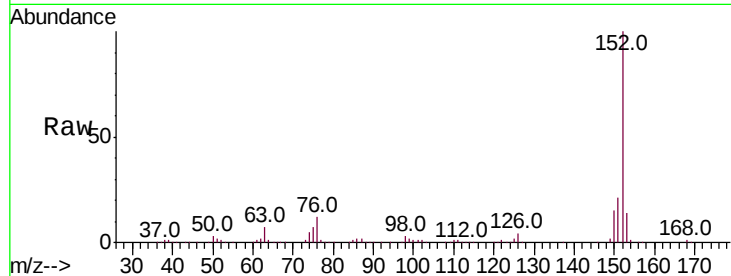
#49
Acenaphthylene
Concen: 46.423 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampled :
SP-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	14.4	11.8	17.8

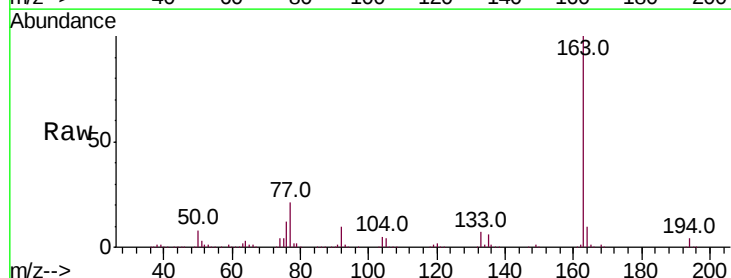
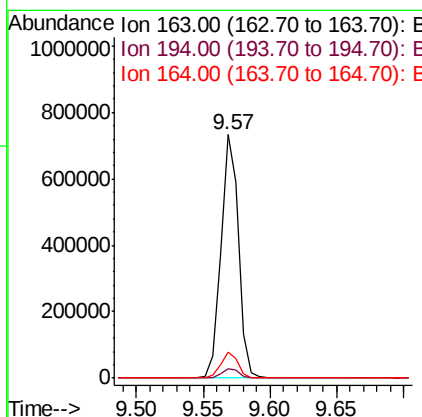
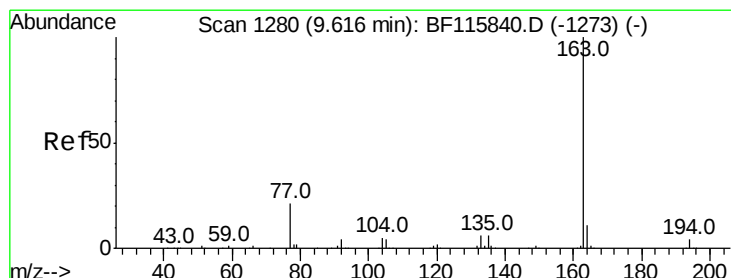
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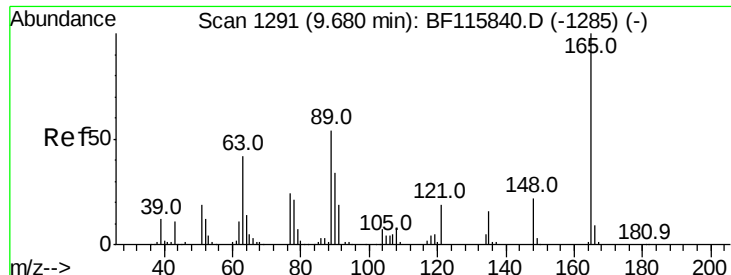
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#50
Dimethylphthalate
Concen: 53.676 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.5	8.4	12.6





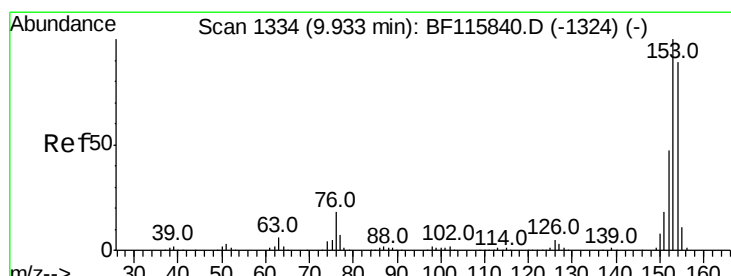
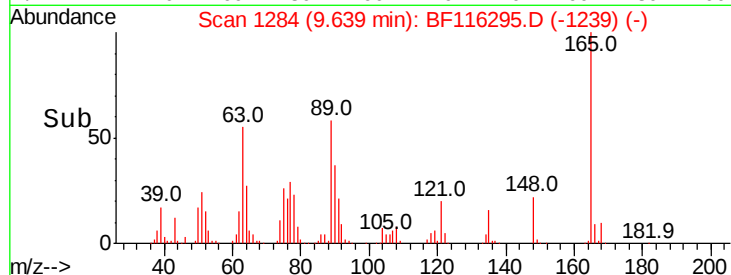
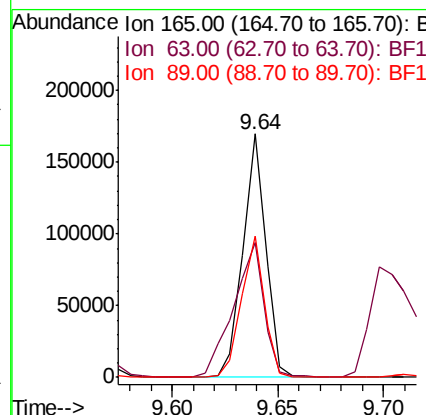
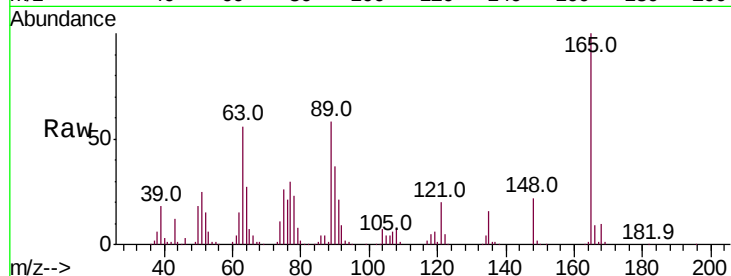
#51
 2,6-Dinitrotoluene
 Concen: 46.036 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampled :
 SP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	126652		
63	55.6	38.2	57.2	
89	58.1	42.9	64.3	

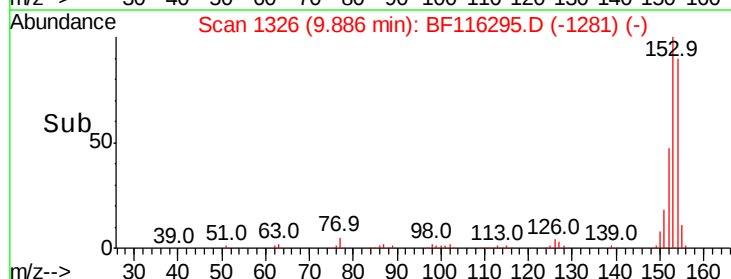
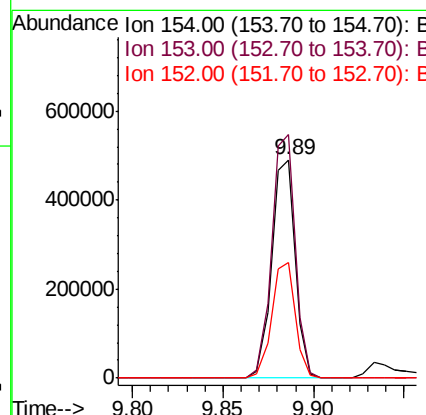
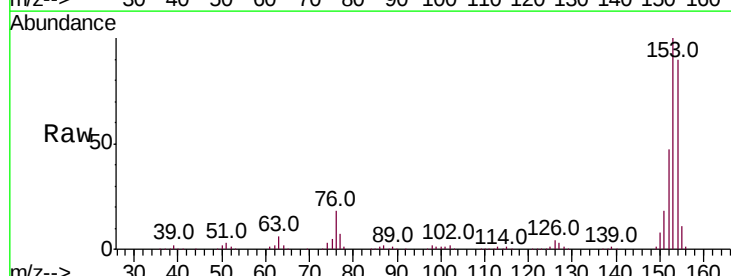
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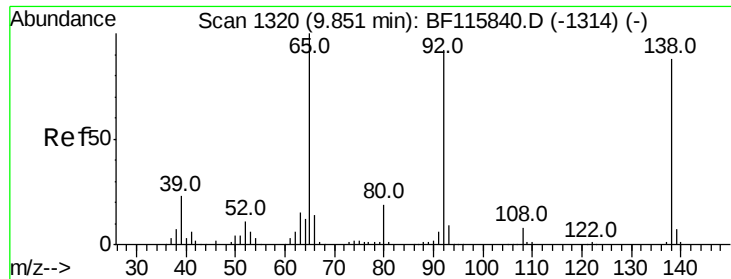
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#52
 Acenaphthene
 Concen: 45.518 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	445086		
153	111.4	89.4	134.0	
152	52.7	42.3	63.5	





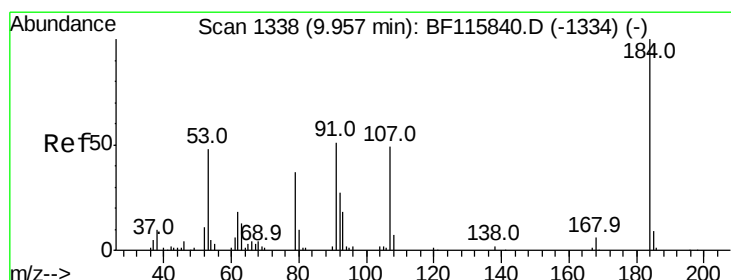
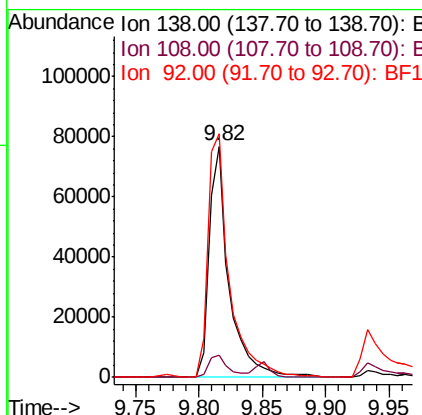
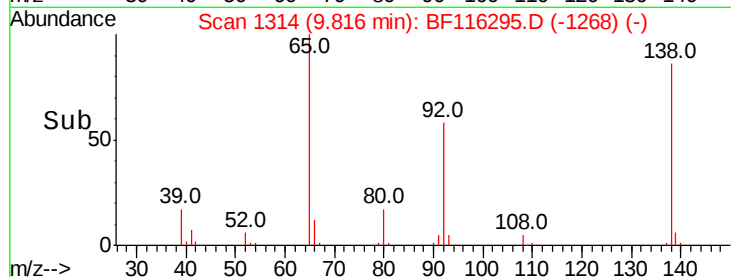
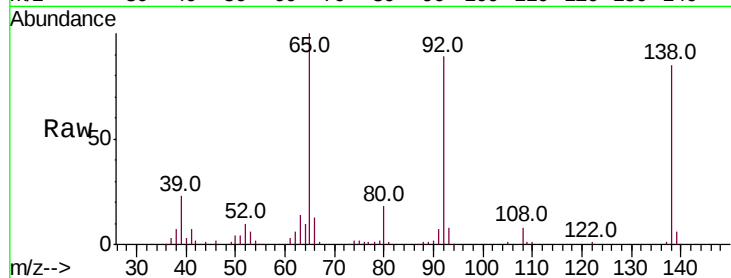
#53
 3-Nitroaniline
 Concen: 24.873 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampleId :
 SP-2MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.0	12.0
92	105.3	91.0	136.6

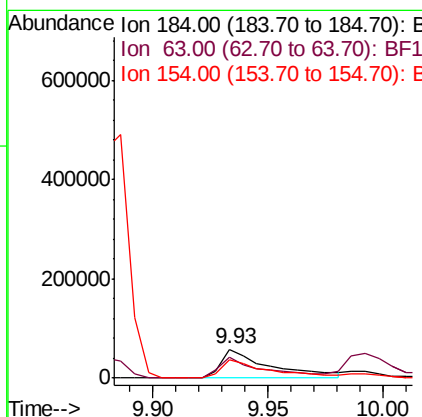
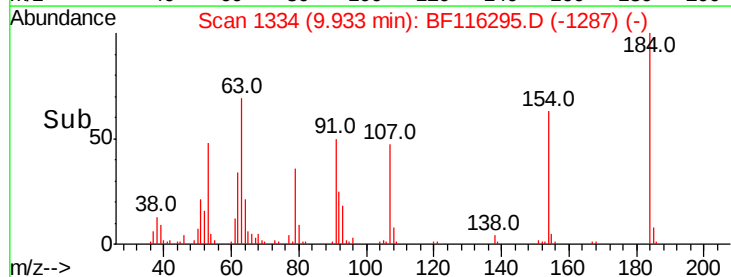
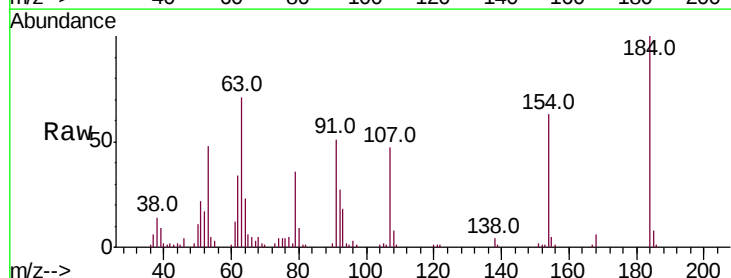
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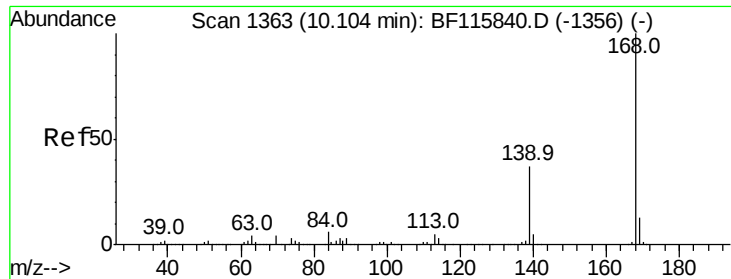
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#54
 2,4-Dinitrophenol
 Concen: 62.348 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.02 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.2	53.0	79.4
154	62.7	50.1	75.1





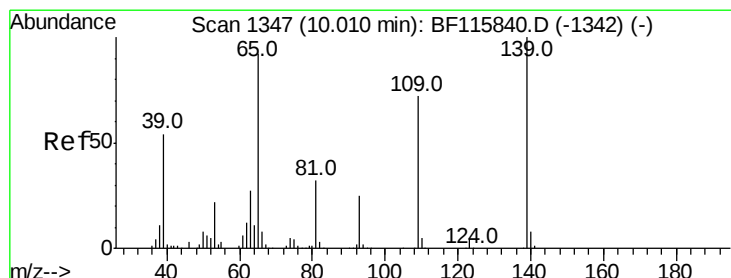
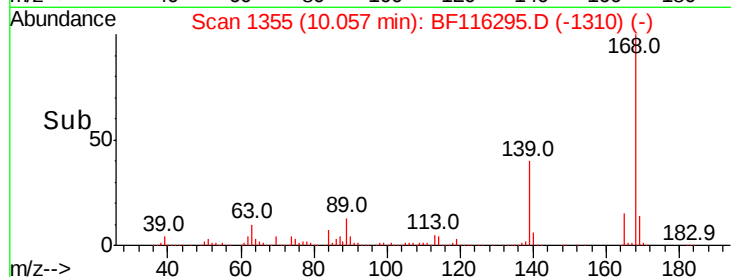
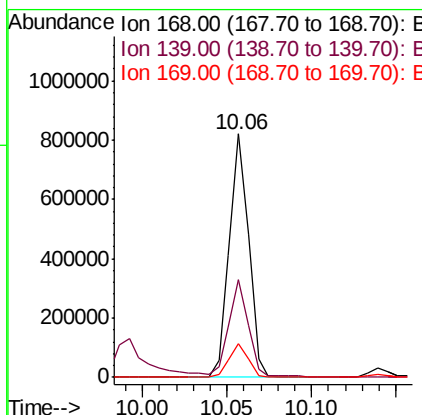
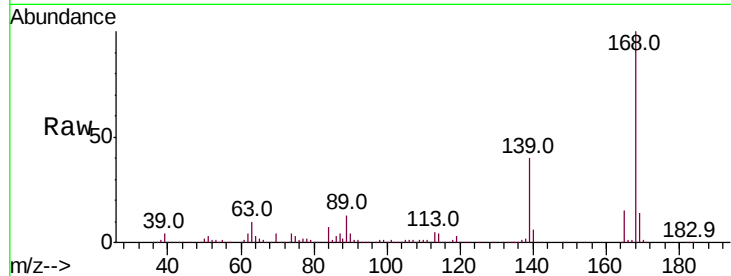
#55
Dibenzenofuran
Concen: 46.036 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampled :
SP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	654623		
139	39.9		31.4	47.2
169	13.8		10.9	16.3

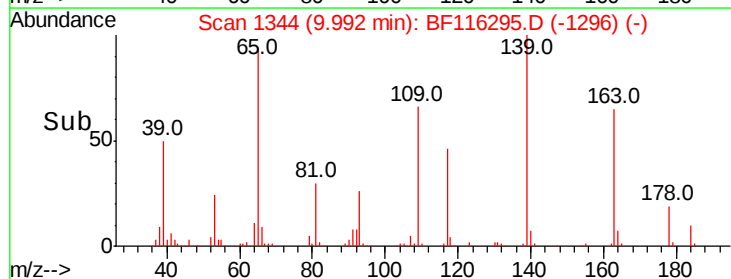
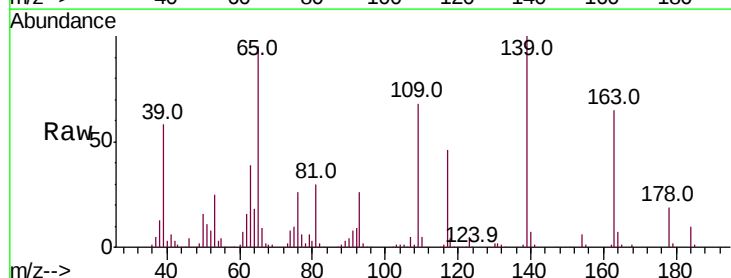
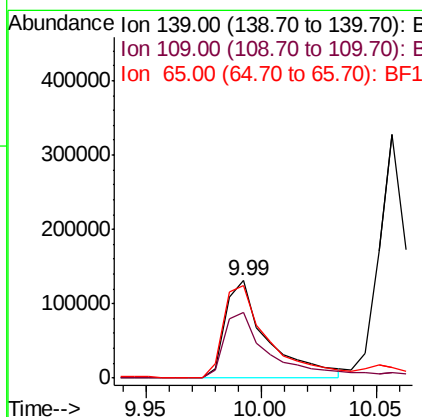
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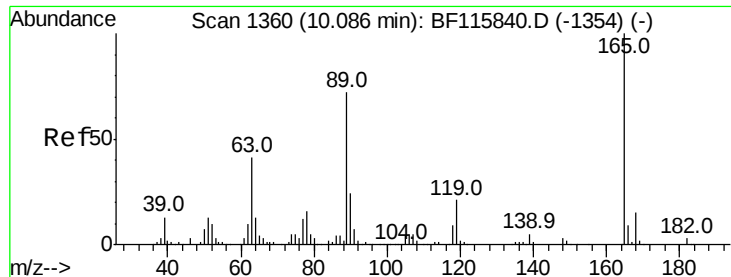
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#56
4-Nitrophenol
Concen: 75.868 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	165214		
109	67.8		54.4	94.4
65	94.6		80.6	120.6





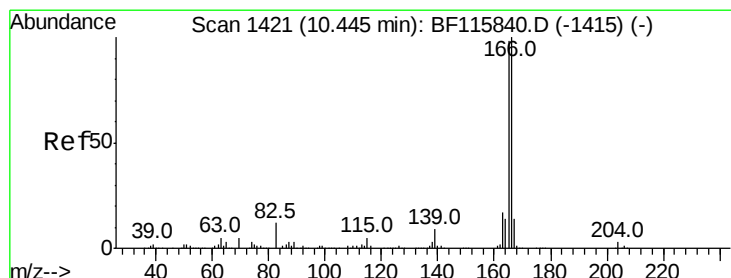
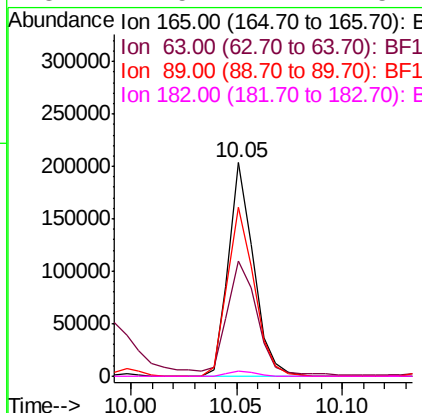
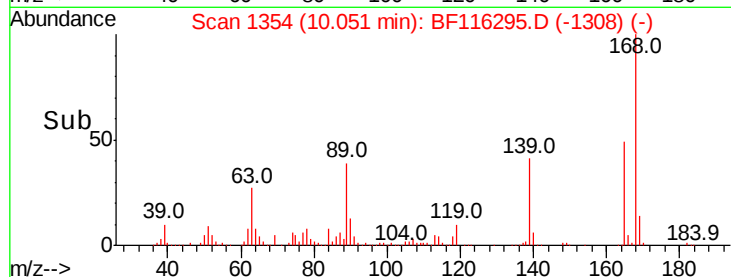
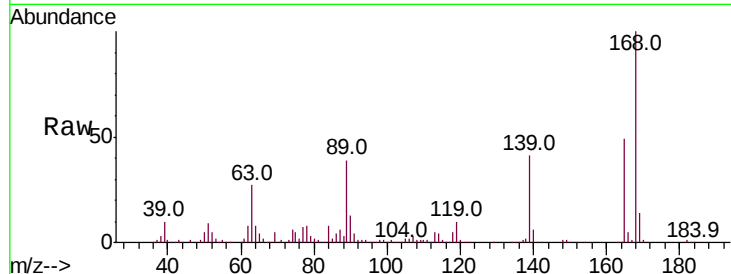
#57
2,4-Dinitrotoluene
Concen: 45.712 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :
SP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	167441		
63	54.0	39.6	59.4	
89	78.9	62.2	93.2	
182	2.5	2.1	3.1	

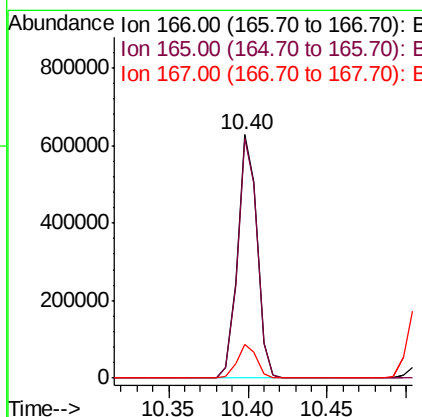
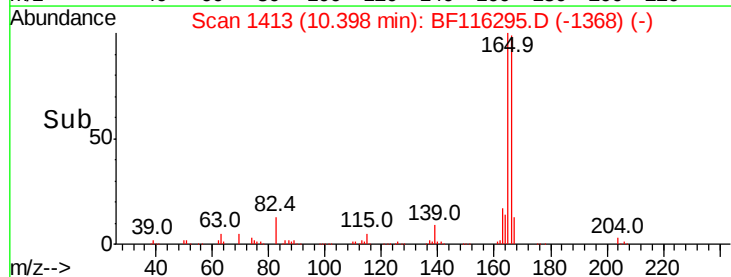
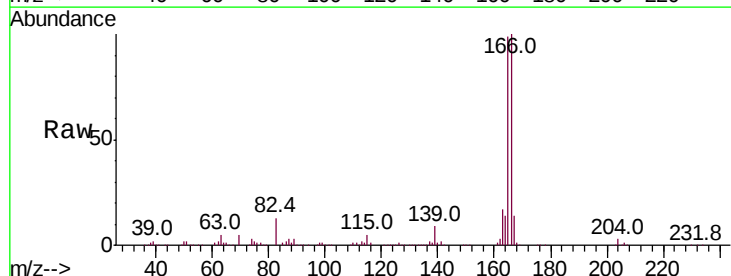
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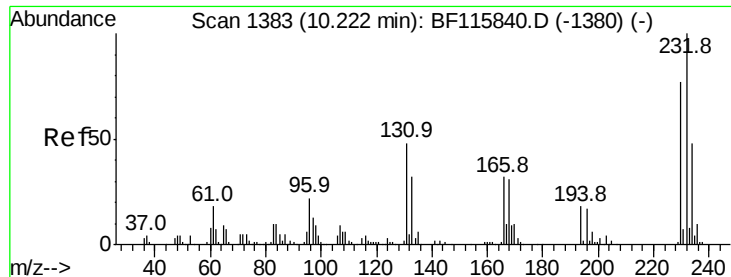
Jagrut
8/16/2019 5:34:10 PM



#58
Fluorene
Concen: 48.954 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	535582		
165	98.7	78.4	117.6	
167	13.7	11.0	16.4	





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.501 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

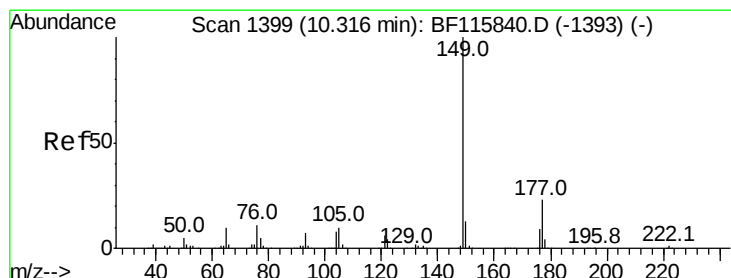
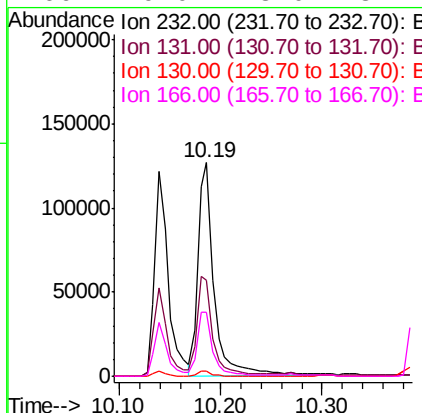
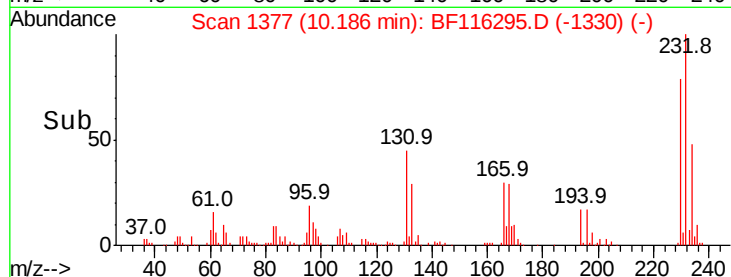
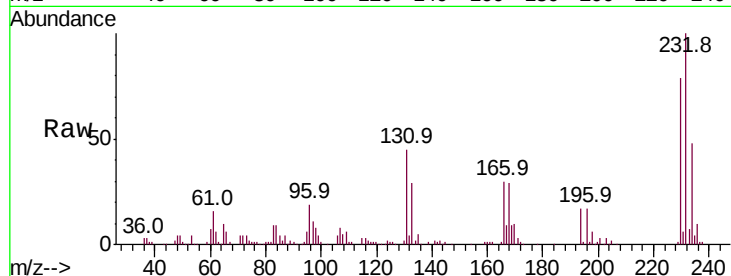
ClientSampled :

SP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	138361		
131	44.3		36.2	54.2
130	2.1		1.9	2.9
166	29.0		23.0	34.4

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#60

Diethylphthalate

Concen: 48.189 ng

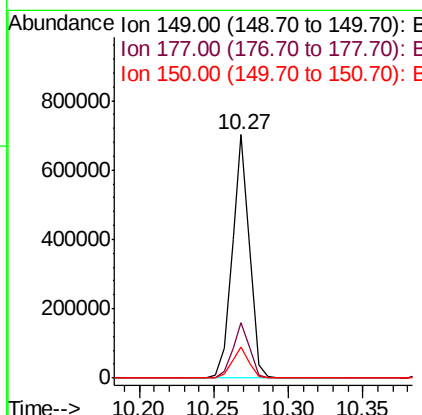
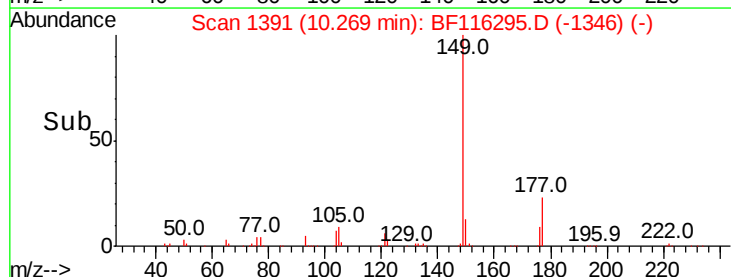
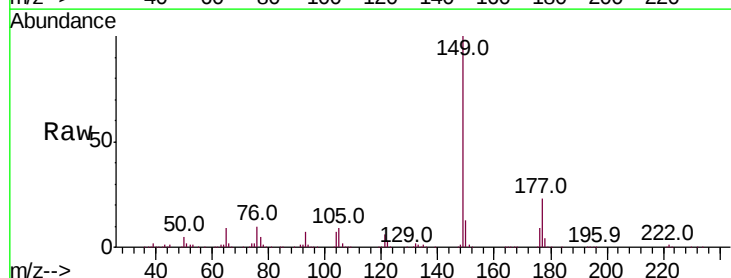
RT: 10.27 min Scan# 1391

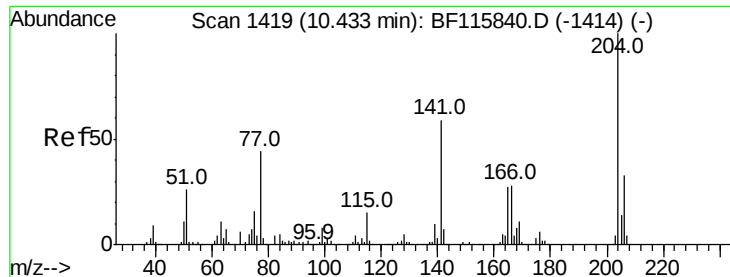
Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	569567		
177	22.7		18.8	28.2
150	12.9		10.2	15.4





#61

4-Chlorophenyl-phenylether

Concen: 48.168 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

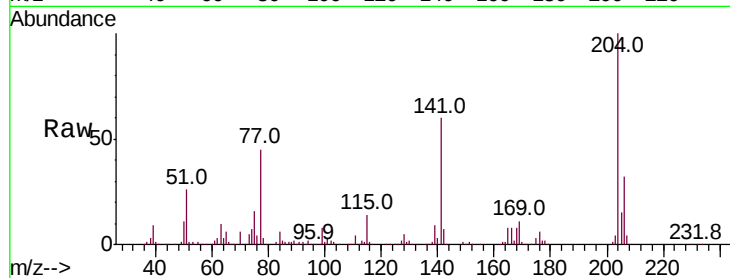
ClientSampled :

SP-2MS

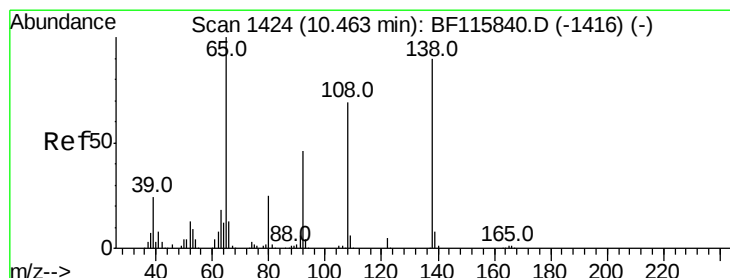
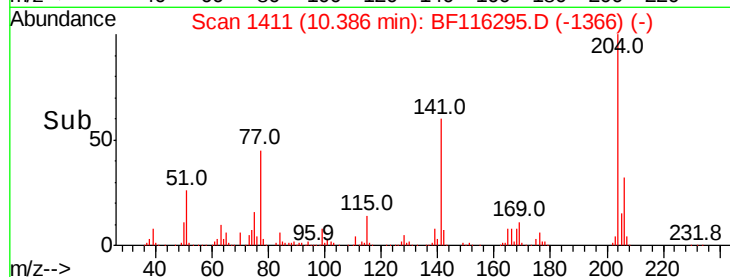
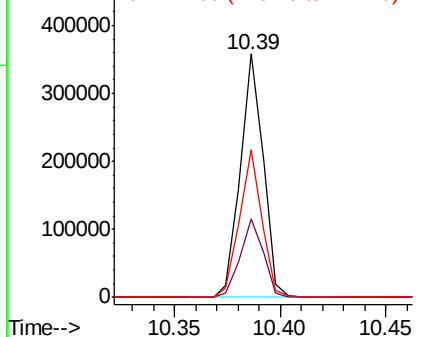
Tot Ion:	204	Resp:	266889
Ion Ratio	Lower	Upper	
204	100		
206	32.0	26.4	39.6
141	60.4	46.4	69.6

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Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 41.523 ng

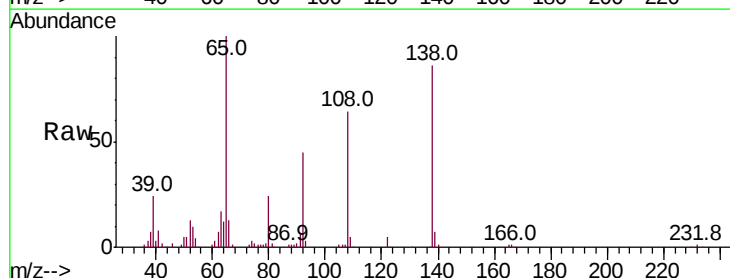
RT: 10.43 min Scan# 1418

Delta R.T. -0.04 min

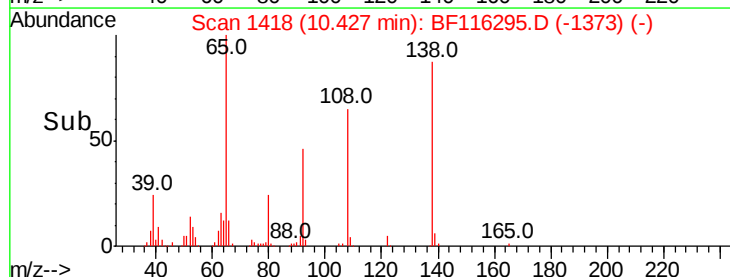
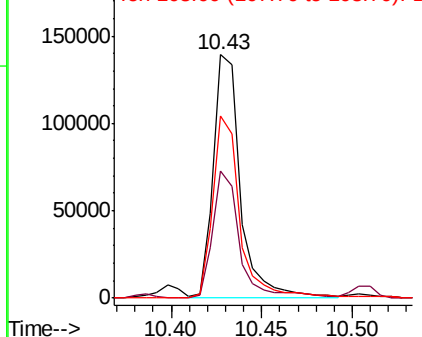
Lab File: BF116295.D

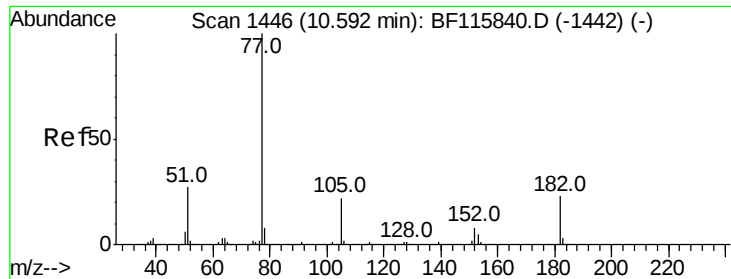
Acq: 15 Aug 2019 22:58

Tgt Ion:	138	Resp:	145872
Ion Ratio	Lower	Upper	
138	100		
92	52.4	29.0	69.0
108	74.7	54.7	94.7



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





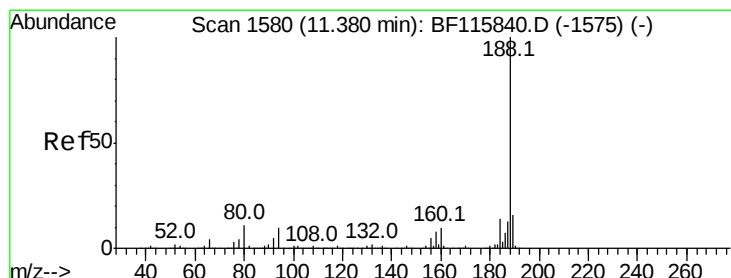
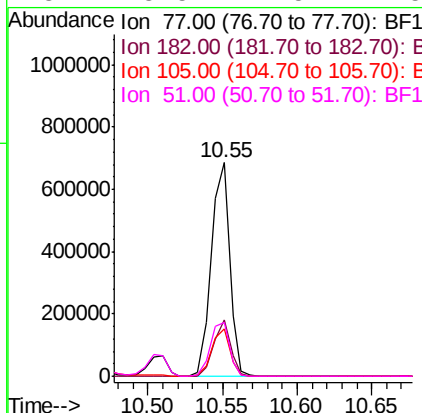
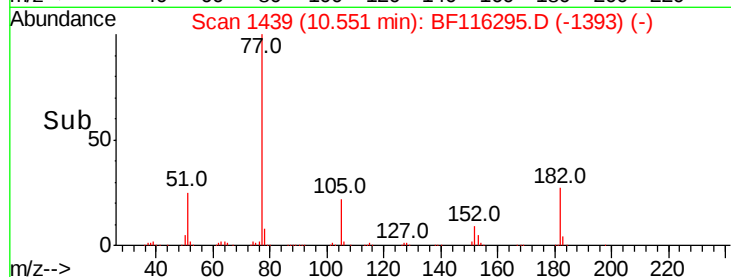
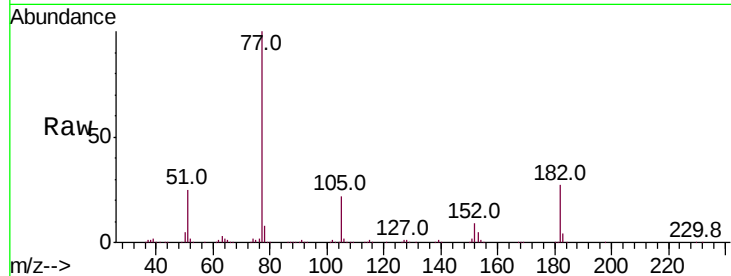
#63
Azobenzene
Concen: 48.023 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :
SP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.6	4.0	44.0	
105	22.3	2.0	42.0	
51	25.5	7.5	47.5	

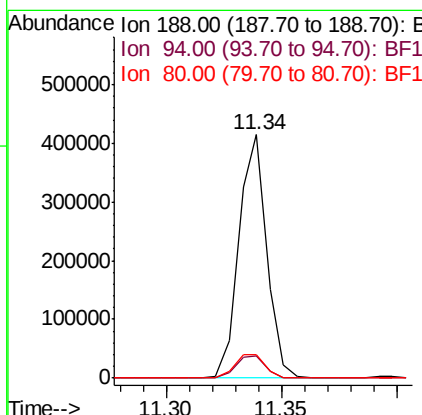
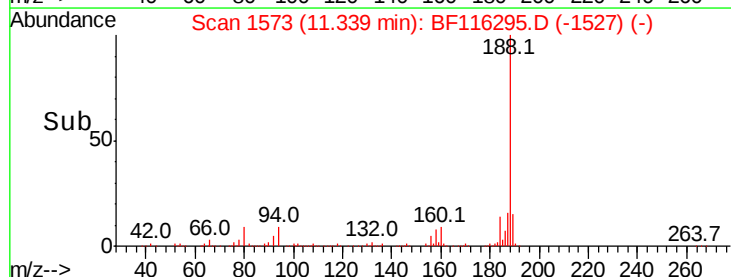
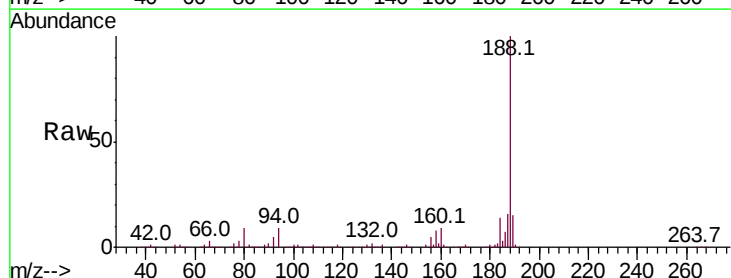
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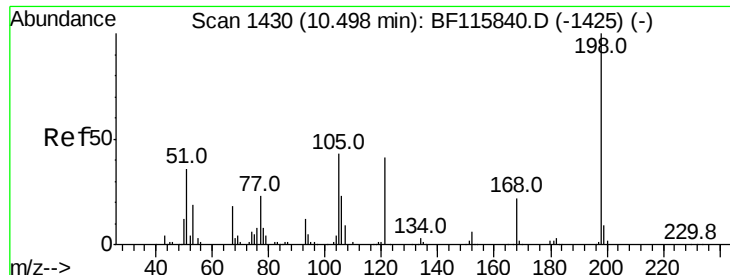
Jagrut
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.0	8.1	12.1	
80	9.4	8.7	13.1	





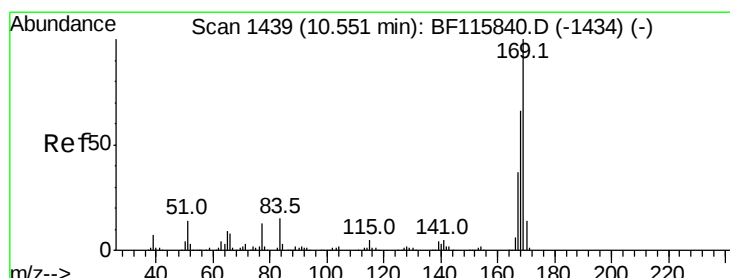
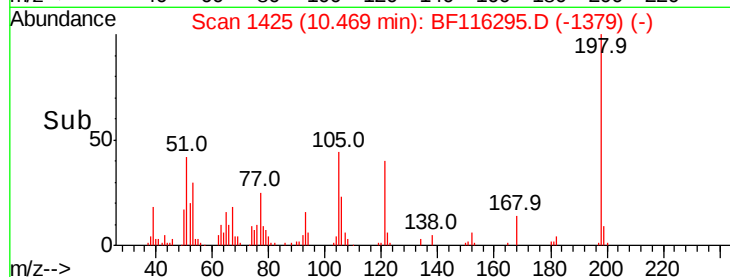
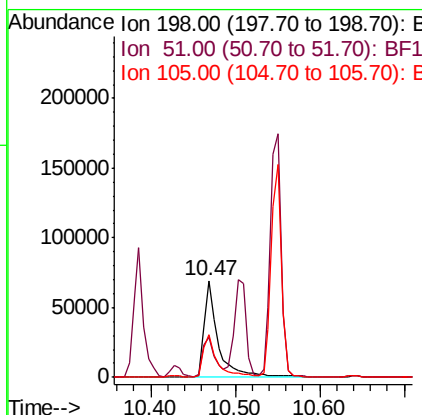
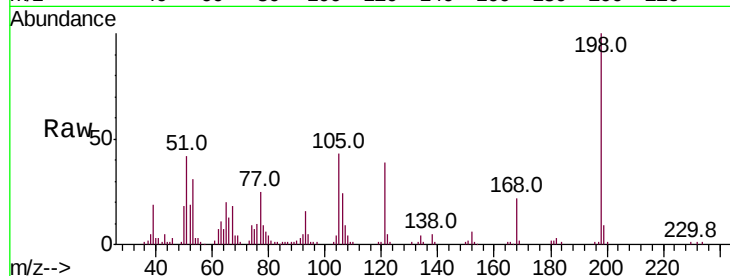
#65
4,6-Dinitro-2-methylphenol
Concen: 43.650 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :
SP-2MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.7	17.0	57.0
105	43.5	21.6	61.6

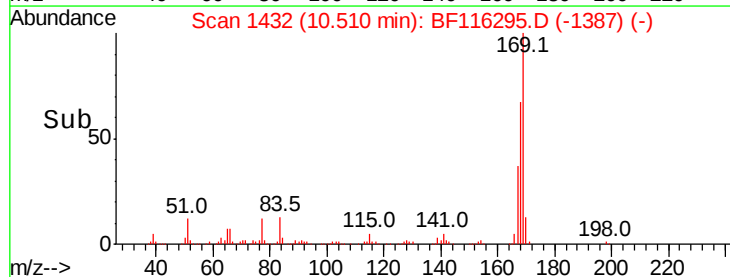
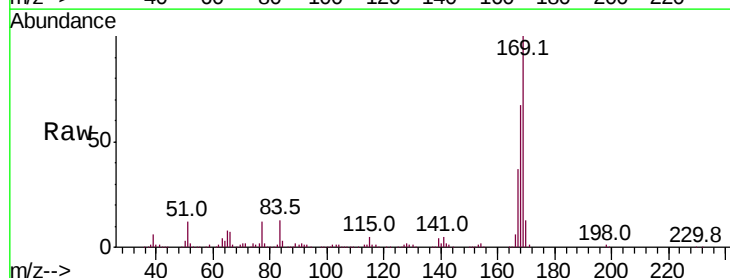
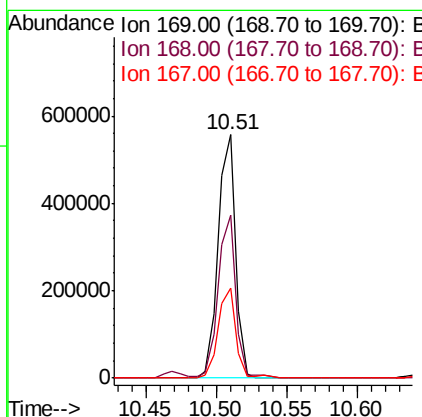
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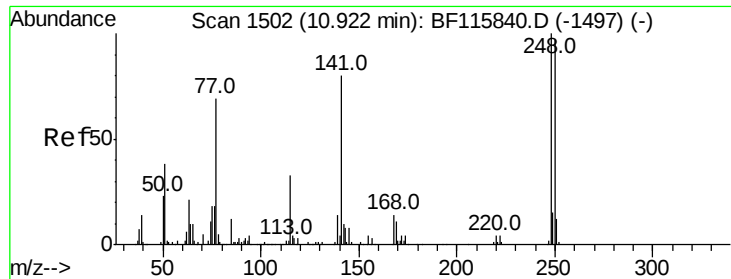
Jagrut
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#66
n-Nitrosodiphenylamine
Concen: 45.814 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.8	80.6
167	36.7	29.6	44.4





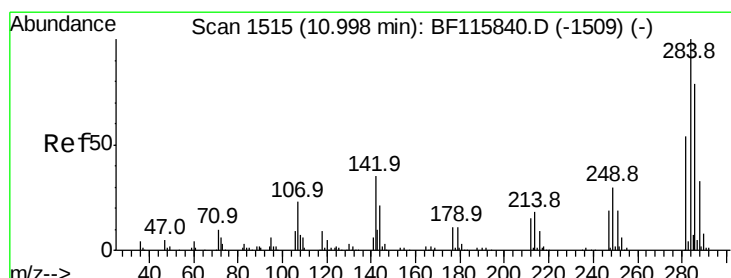
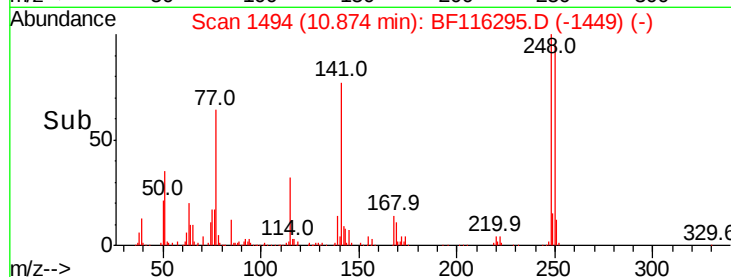
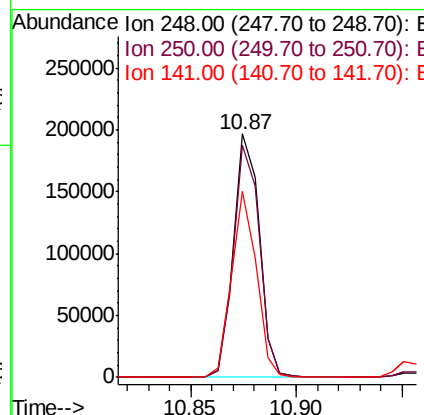
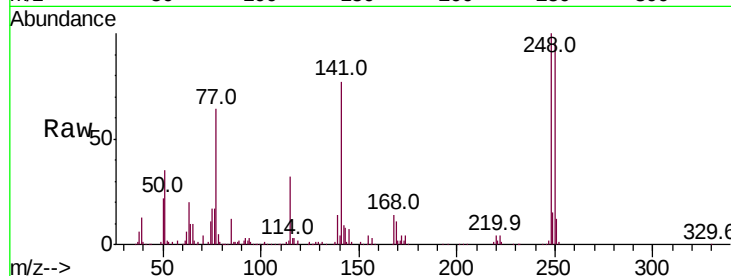
#67
4-Bromophenyl-phenylether
Concen: 44.600 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampled :
SP-2MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.4	116.2
141	76.5	56.8	85.2

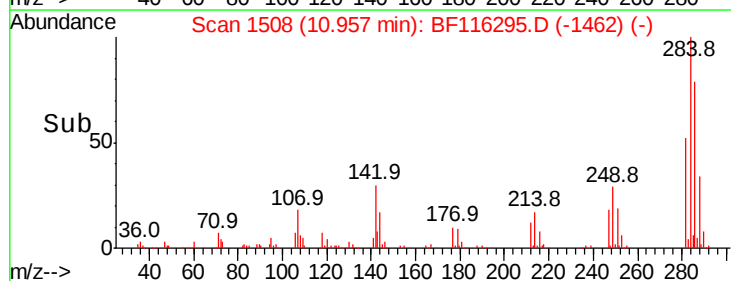
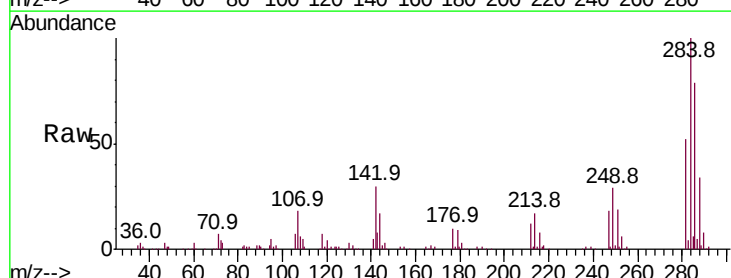
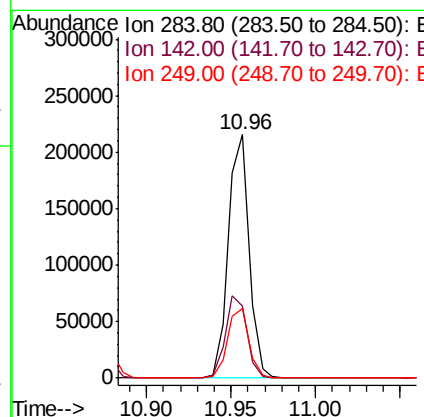
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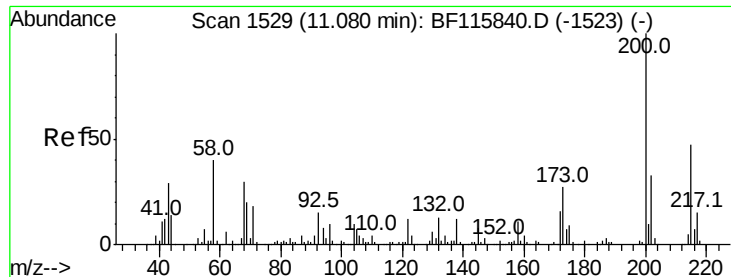
Jagrut
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#68
Hexachlorobenzene
Concen: 43.114 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.6	28.4	42.6
249	28.8	24.5	36.7





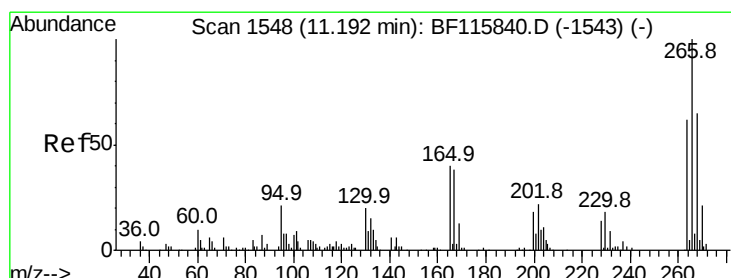
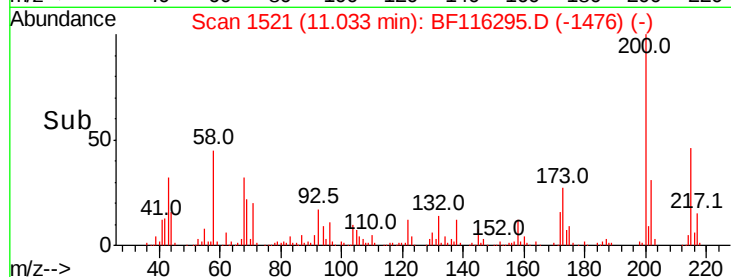
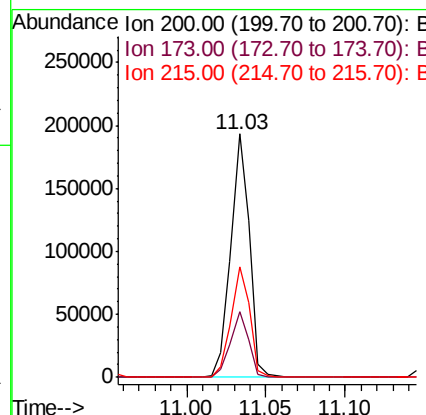
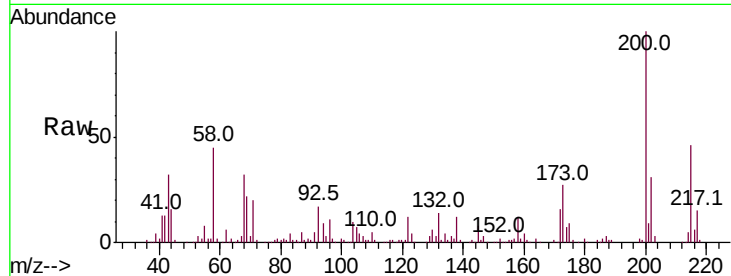
#69
 Atrazine
 Concen: 45.884 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampled :
 SP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	157970		
173	27.2	6.8	46.8	
215	45.5	27.5	67.5	

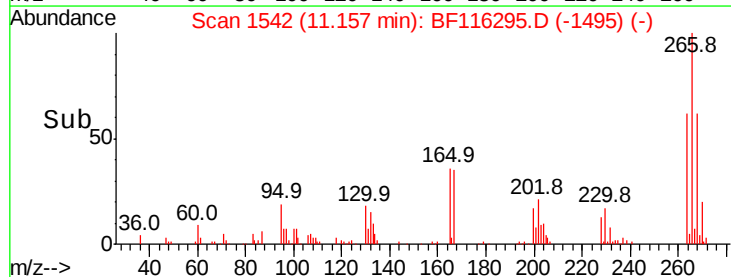
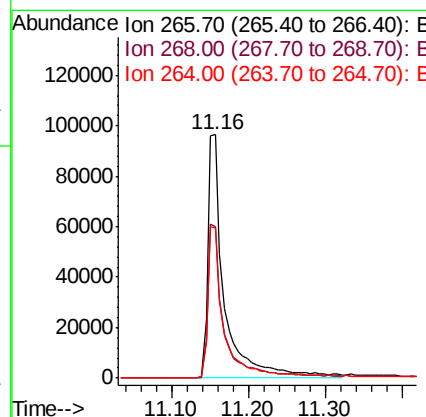
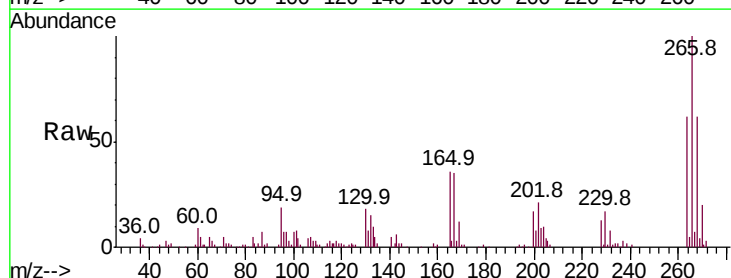
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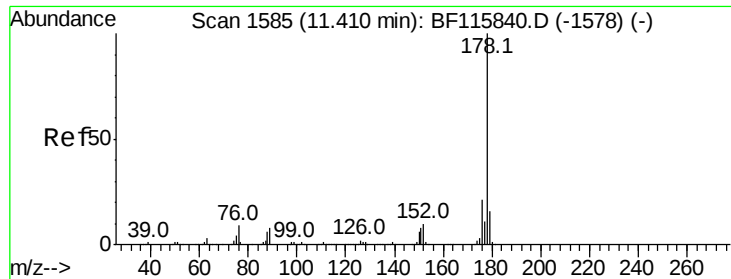
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#70
 Pentachlorophenol
 Concen: 69.325 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.02 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	144857		
268	62.4	48.8	73.2	
264	61.9	50.6	76.0	





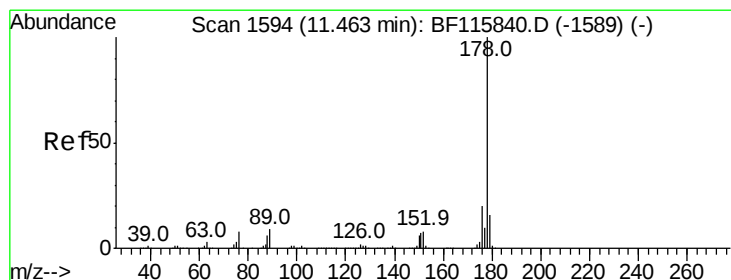
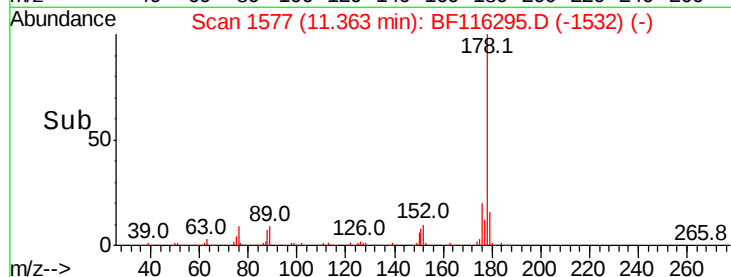
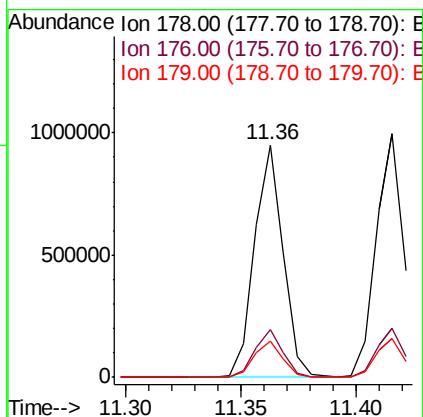
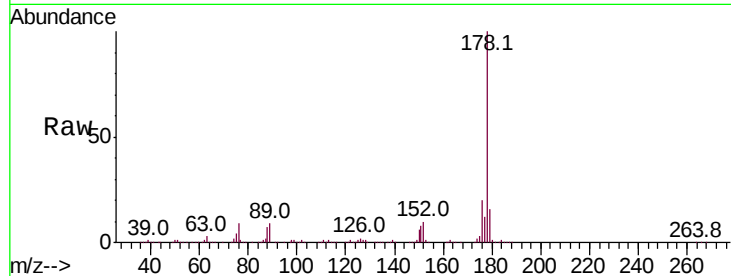
#71
Phenanthrene
Concen: 46.418 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampled :
SP-2MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	24.8
179	15.7	12.5	18.7

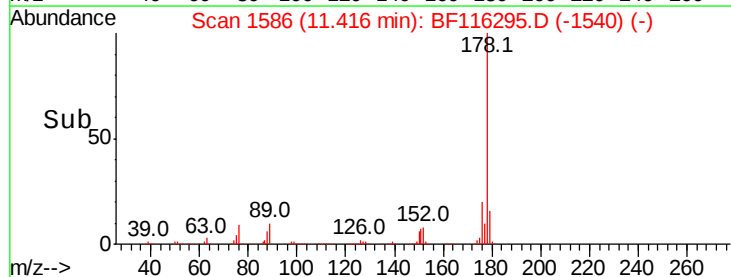
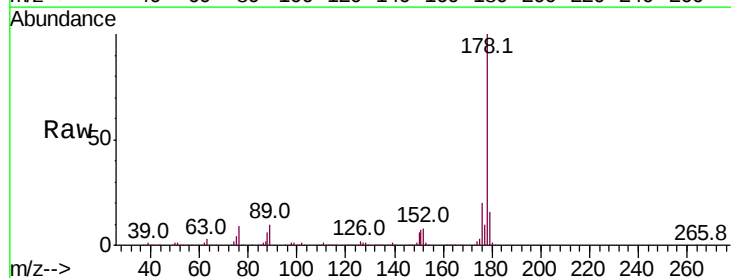
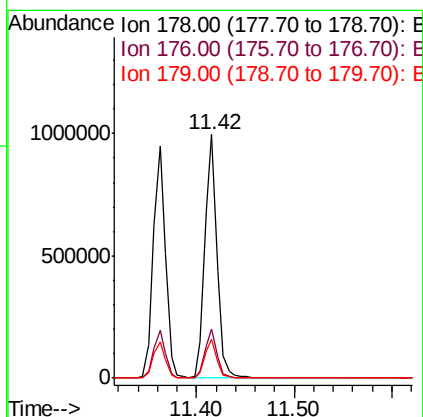
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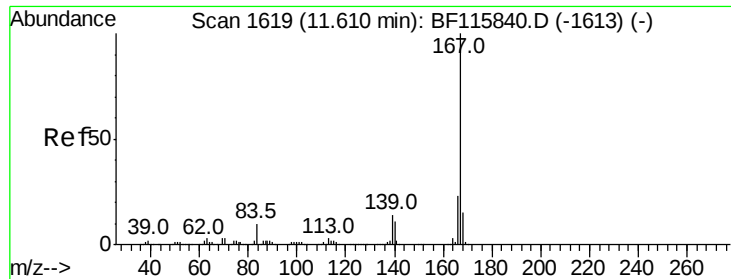
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#72
Anthracene
Concen: 47.930 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	16.1	13.0	19.6





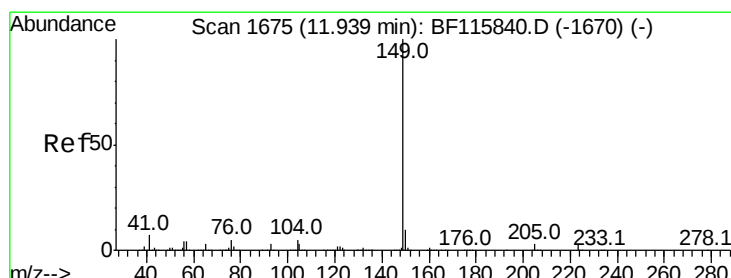
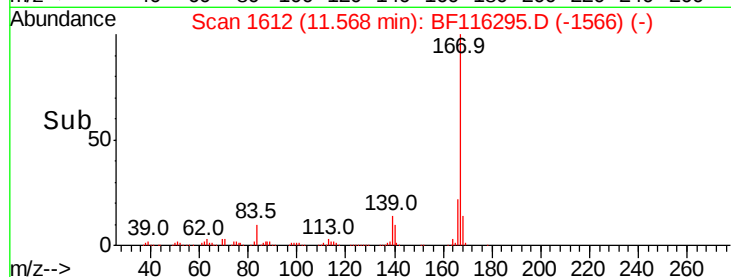
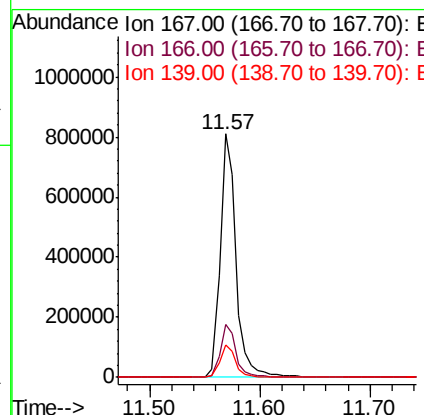
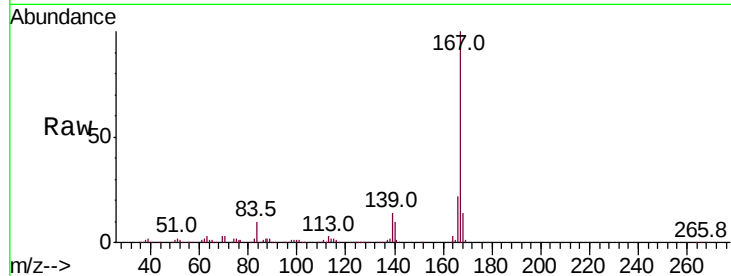
#73
 Carbazole
 Concen: 49.119 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampled :
 SP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	801625		
166	22.0		17.8	26.6
139	13.6		11.4	17.0

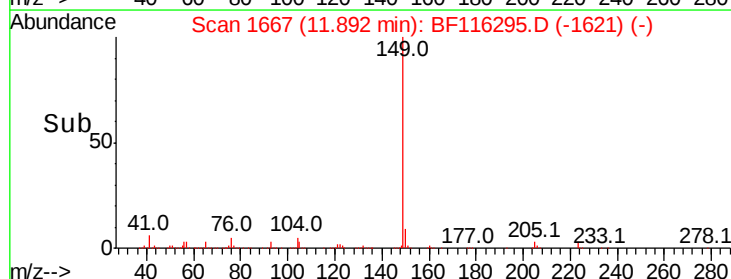
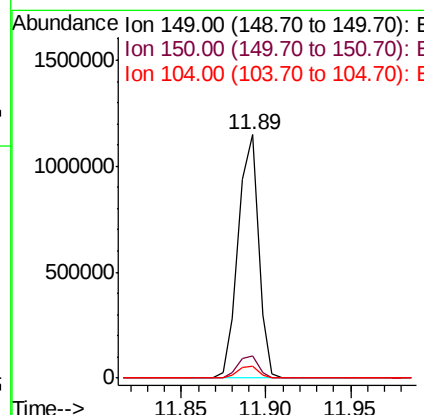
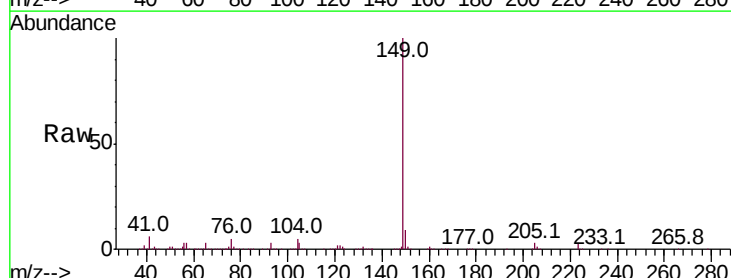
Manual Integrations
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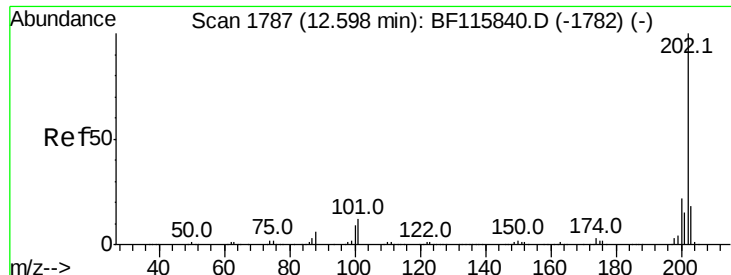
Jagrut
 8/16/2019 5:34:10 PM



#74
 Di-n-butylphthalate
 Concen: 50.505 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	961528		
150	9.3		8.0	12.0
104	5.0		4.5	6.7





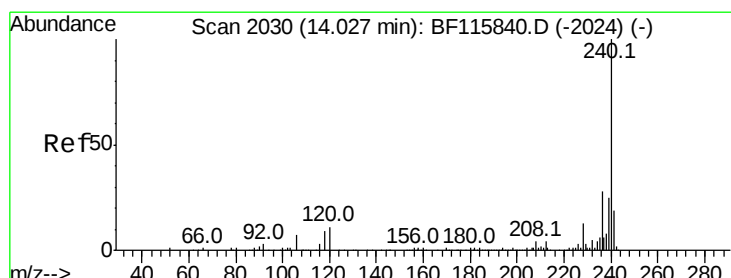
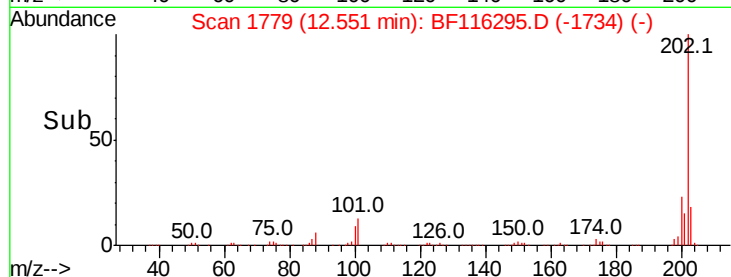
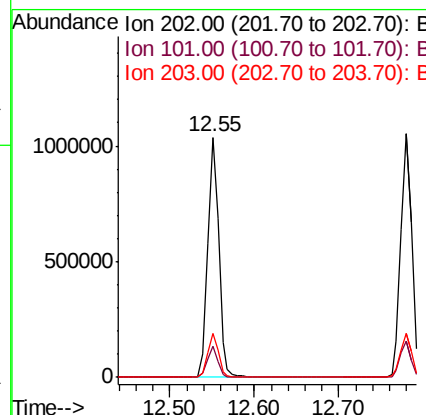
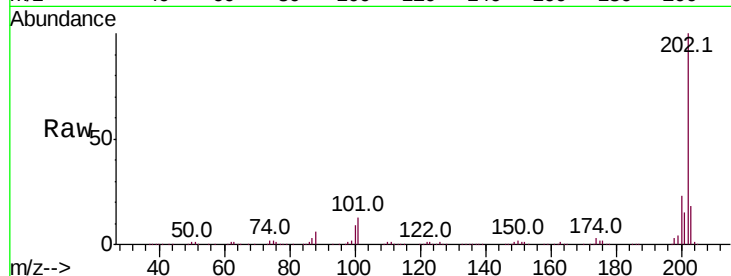
#75
 Fluoranthene
 Concen: 50.105 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampled :
 SP-2MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.8	0.0	31.2
203	18.1	0.0	37.8

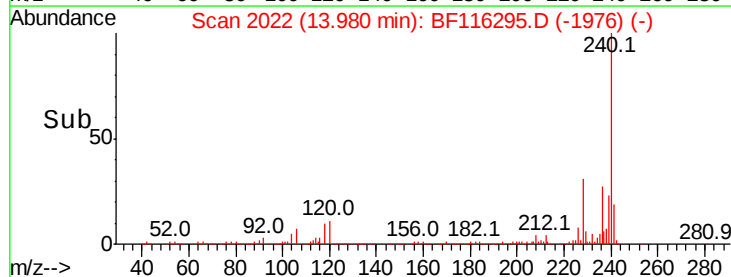
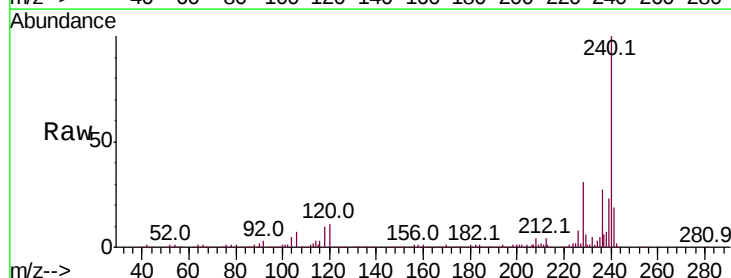
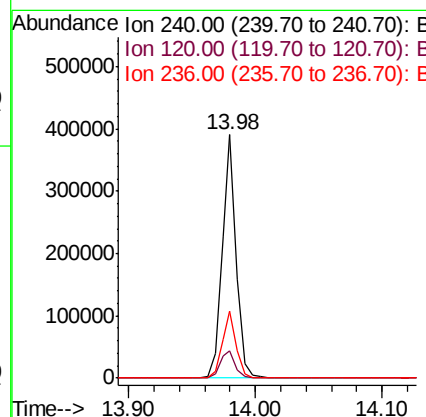
Manual Integrations
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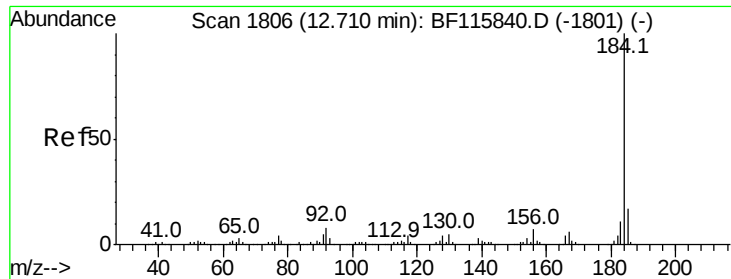
Jagrut
 8/16/2019 5:34:10 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.0	10.7	16.1
236	27.3	22.2	33.2





#77

Benzidine

Concen: 39.676 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

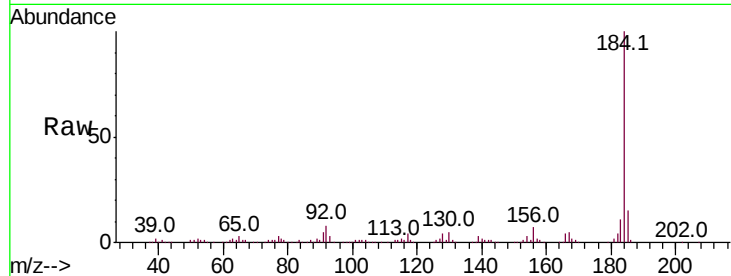
ClientSampled :

SP-2MS

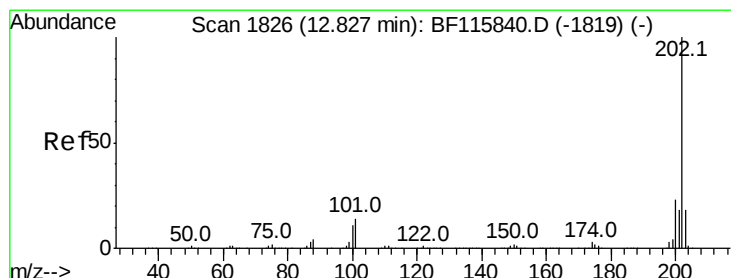
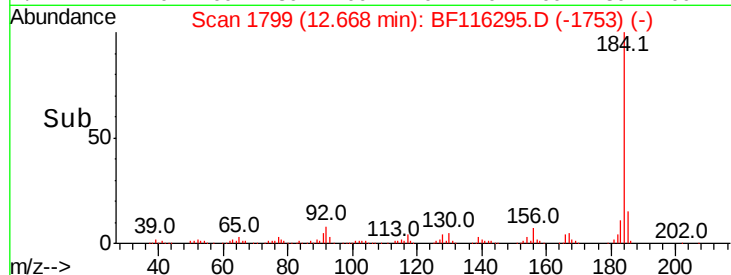
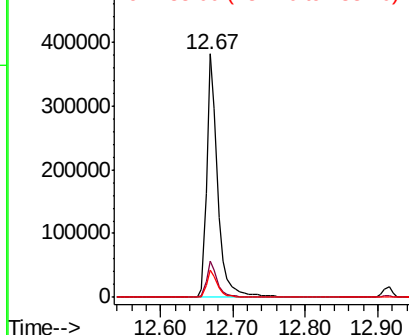
Tot Ion:	184	Resp:	405494
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.8	19.2
183	11.3	9.4	14.0

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



#78

Pyrene

Concen: 42.067 ng

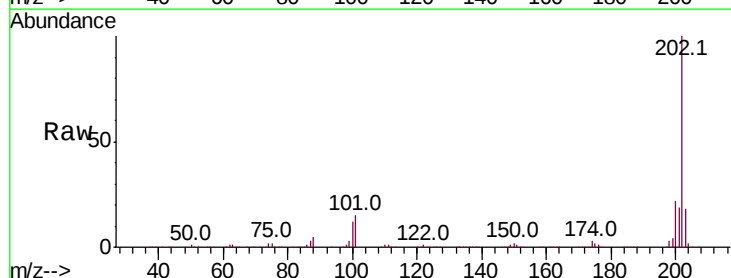
RT: 12.78 min Scan# 1818

Delta R.T. -0.04 min

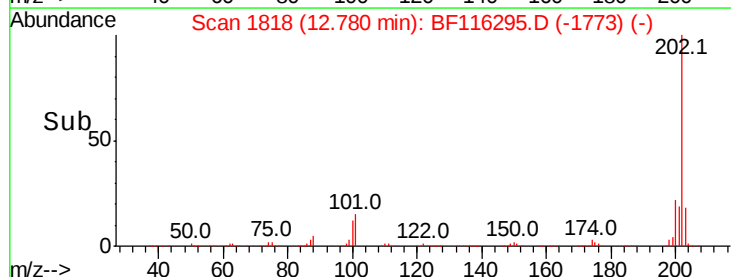
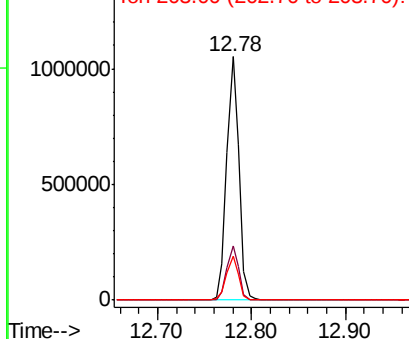
Lab File: BF116295.D

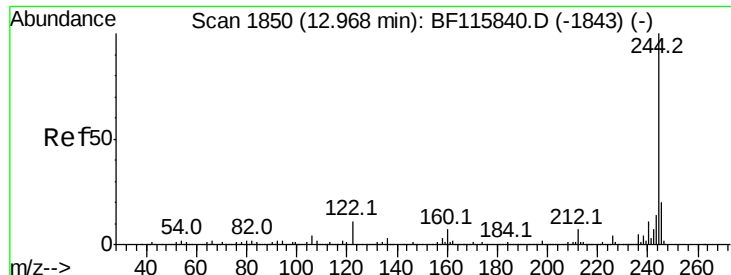
Acq: 15 Aug 2019 22:58

Tgt Ion:	202	Resp:	959285
Ion Ratio	Lower	Upper	
202	100		
200	22.4	18.0	27.0
203	18.0	14.1	21.1



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





#79

Terphenyl-d14

Concen: 76.674 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampled :

SP-2MS

Tot Ion:244 Resp: 1100760

Ion Ratio Lower Upper

244 100

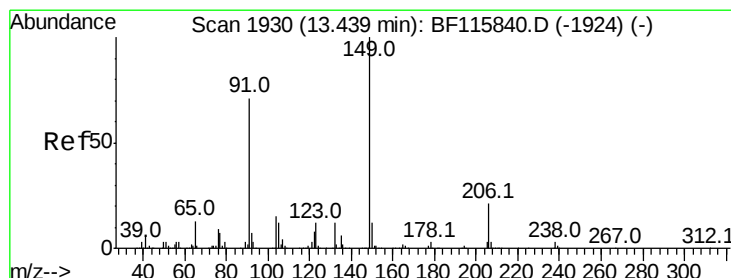
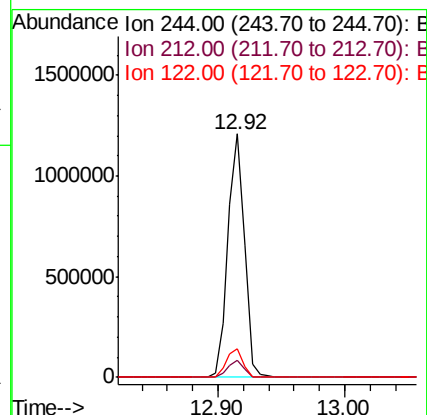
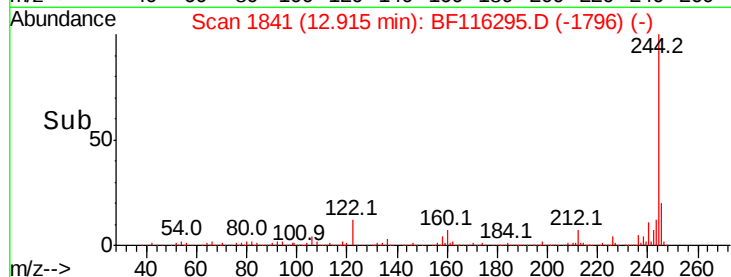
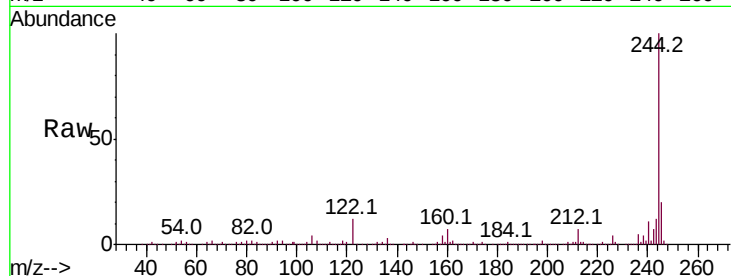
212 7.1 5.8 8.8

122 11.8 9.0 13.4

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#80

Butylbenzylphthalate

Concen: 45.931 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

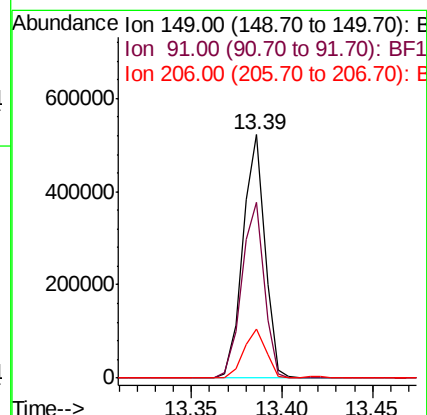
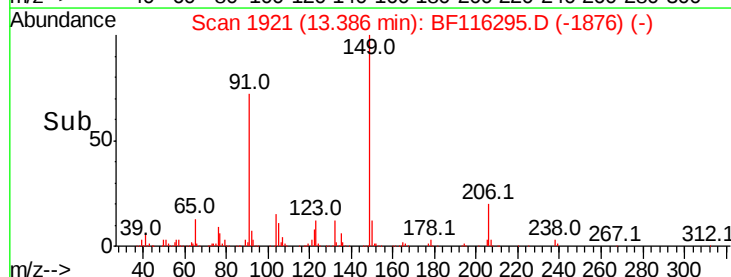
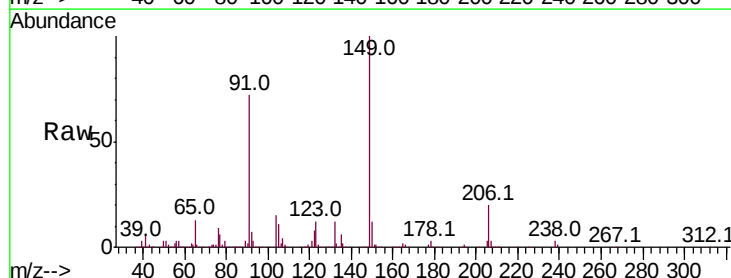
Tgt Ion:149 Resp: 443057

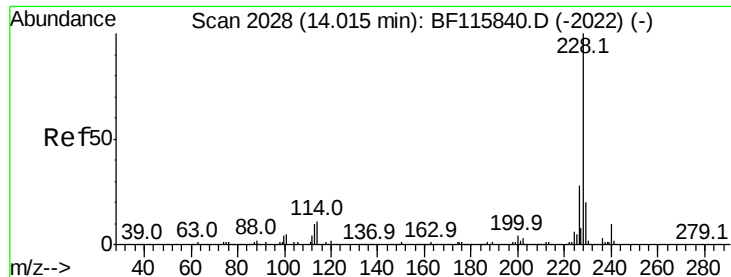
Ion Ratio Lower Upper

149 100

91 72.0 56.3 84.5

206 20.3 18.0 27.0





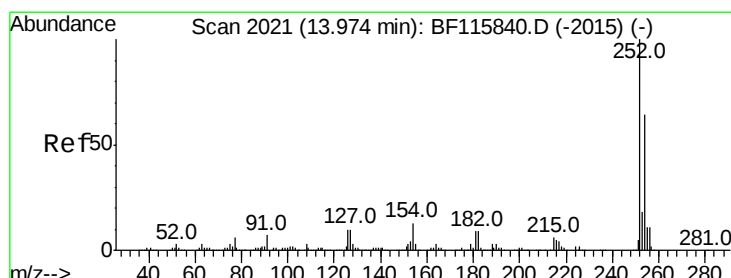
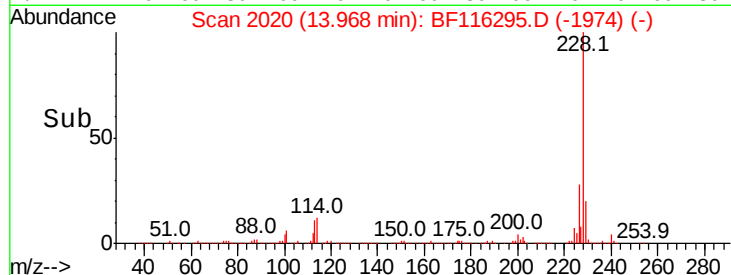
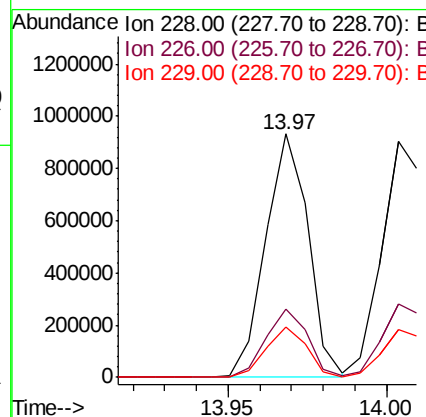
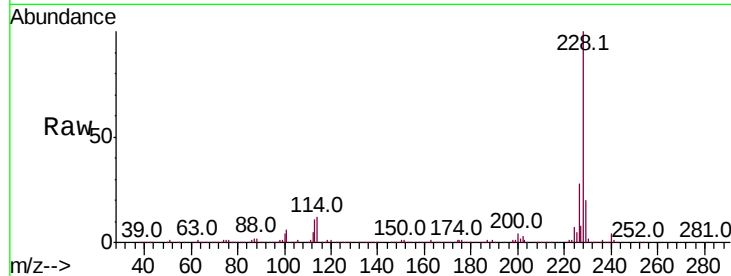
#81
Benzo(a)anthracene
Concen: 44.925 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :
SP-2MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	20.5	16.2	24.4

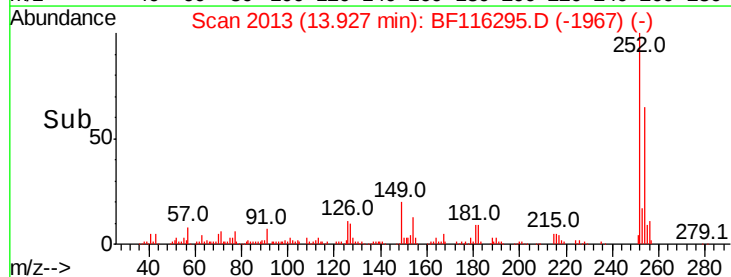
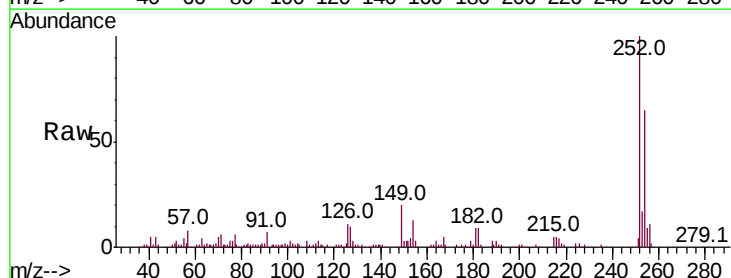
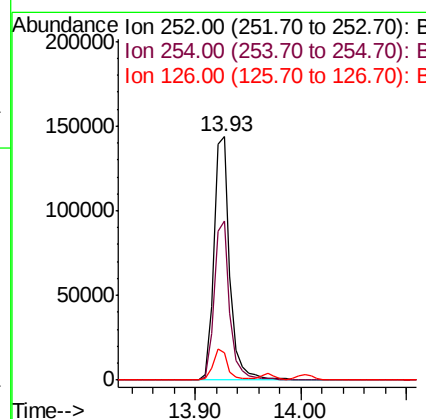
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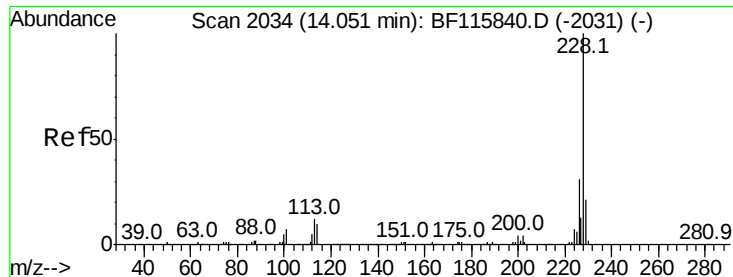
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#82
3,3'-Dichlorobenzidine
Concen: 22.715 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.9	76.3
126	11.0	9.8	14.8





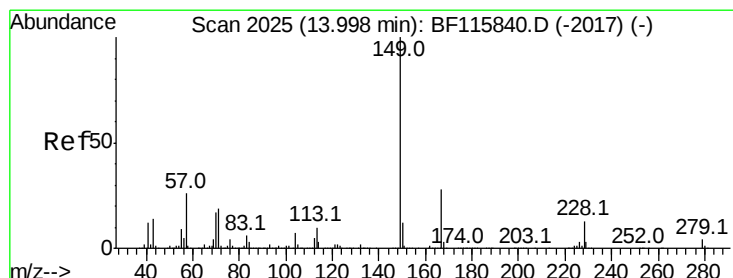
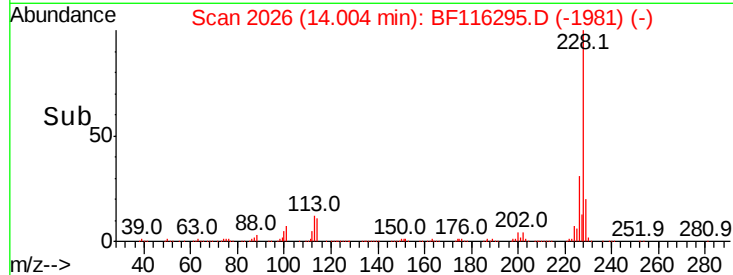
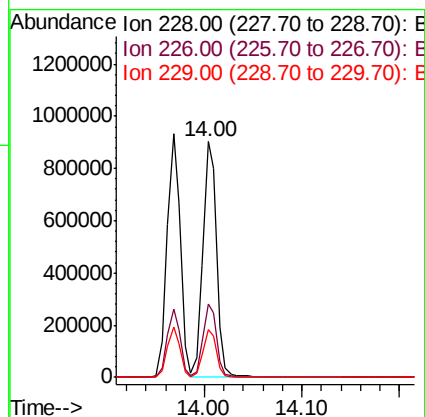
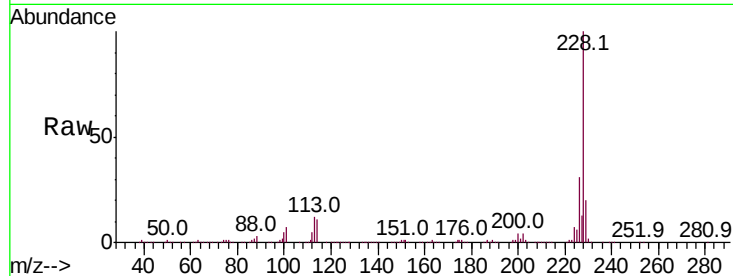
#83
 Chrysene
 Concen: 46.638 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampleId :
 SP-2MS

Tot Ion:	228	Resp:	875481
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.5	38.3
229	20.2	16.6	24.8

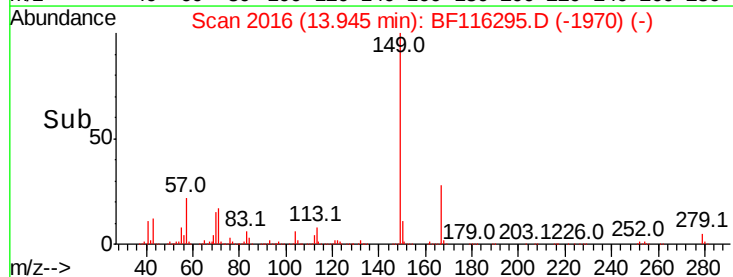
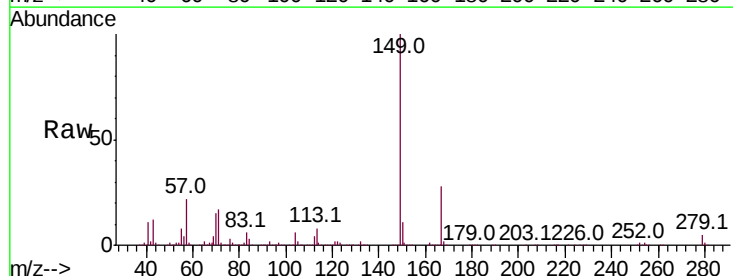
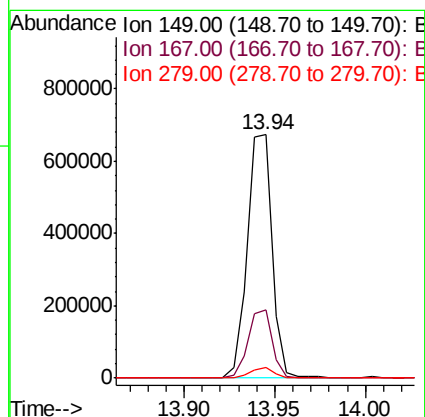
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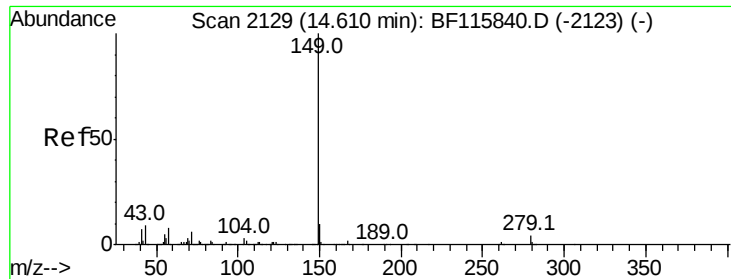
Jagrut
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.935 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion:	149	Resp:	638476
Ion Ratio	Lower	Upper	
149	100		
167	28.1	21.6	32.4
279	4.6	3.0	4.4#





#85

Di-n-octyl phthalate

Concen: 53.688 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampleId :

SP-2MS

Tot Ion:149 Resp: 1068936

Ion Ratio Lower Upper

149 100

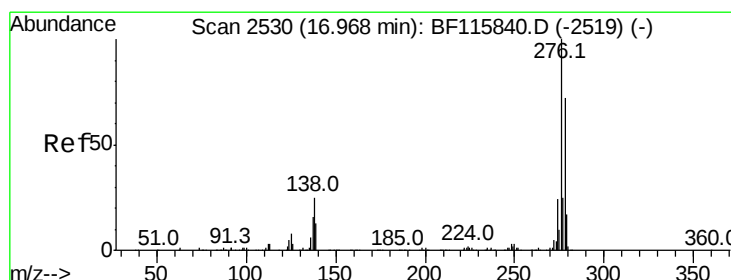
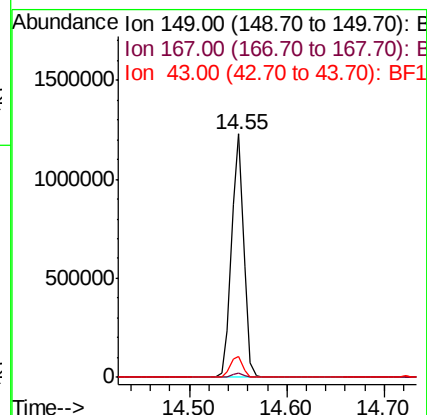
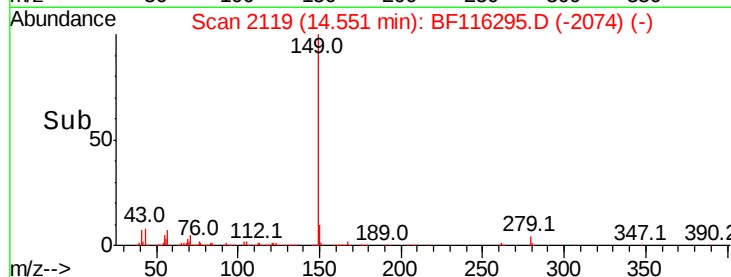
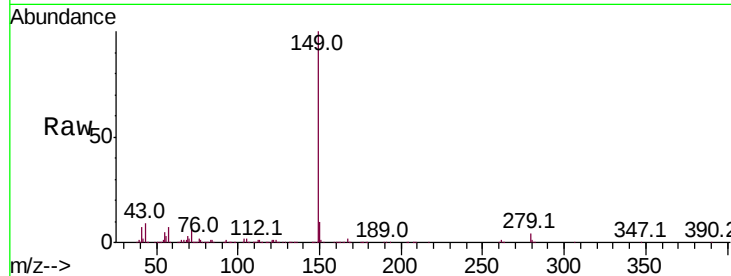
167 1.6 1.4 2.0

43 8.9 7.5 11.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 52.309 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.05 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

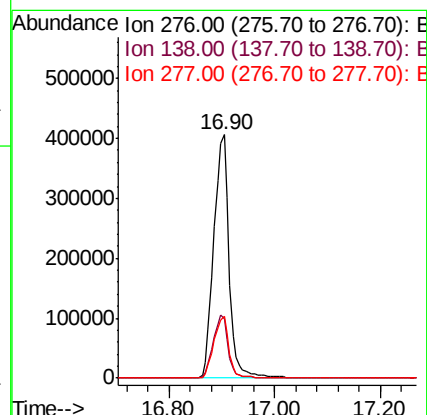
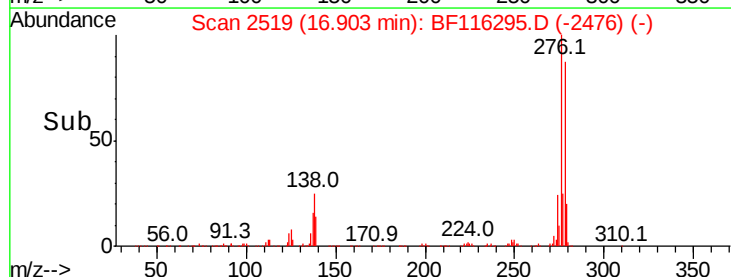
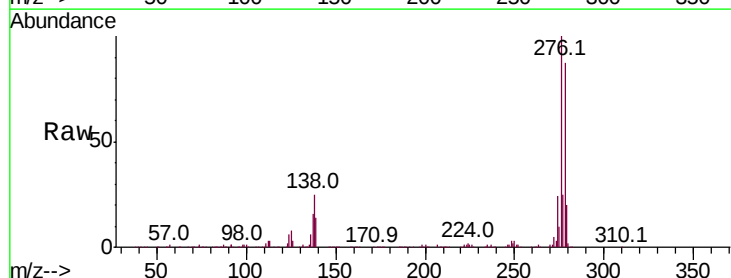
Tgt Ion:276 Resp: 824714

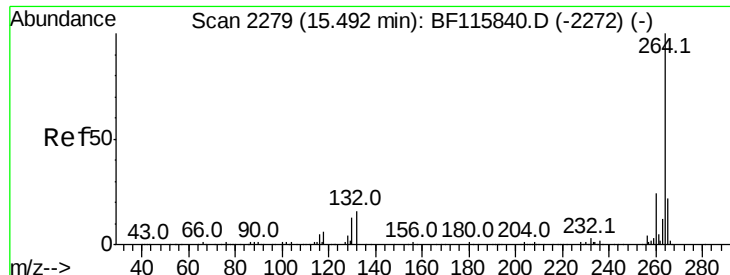
Ion Ratio Lower Upper

276 100

138 25.5 20.4 30.6

277 25.1 20.0 30.0





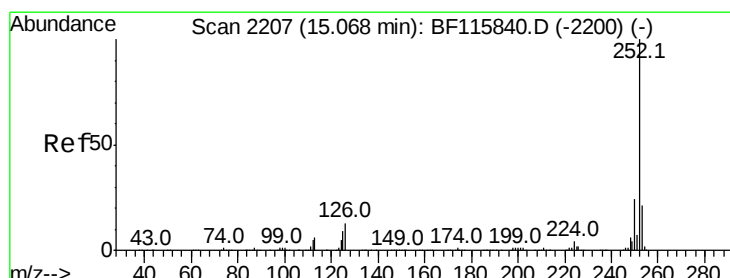
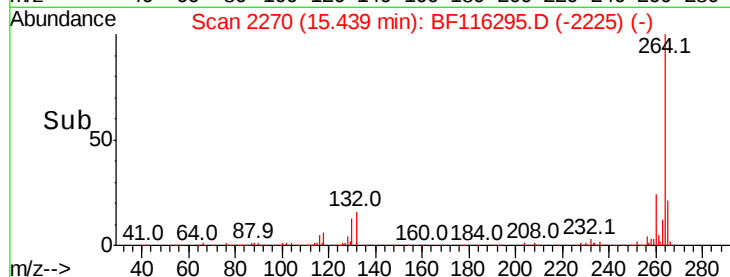
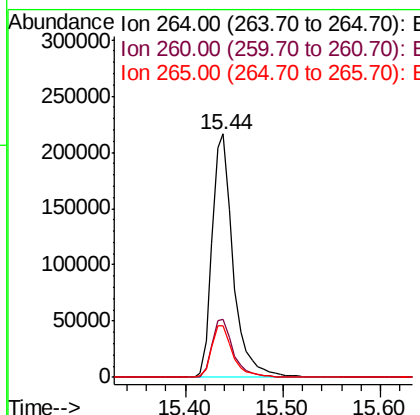
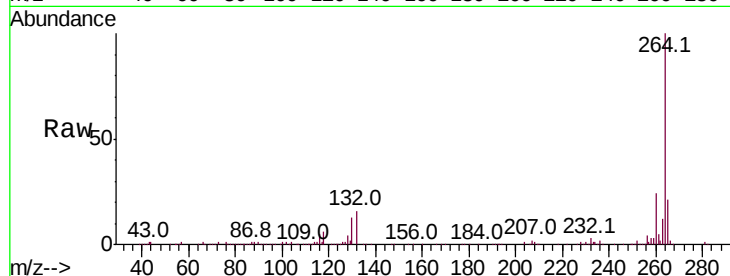
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :
SP-2MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.7	29.5
265	21.5	17.4	26.0

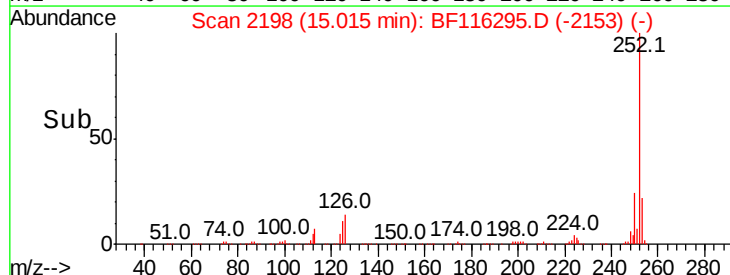
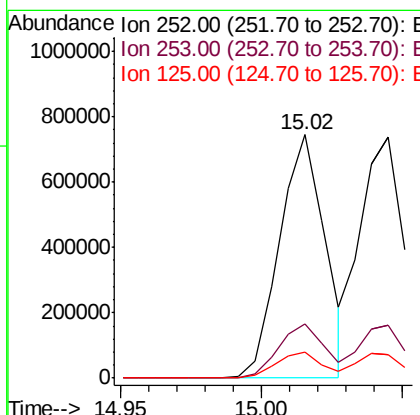
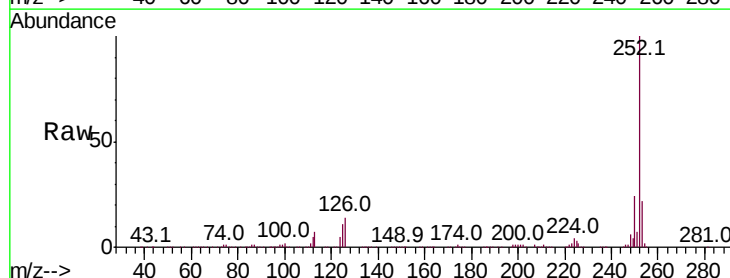
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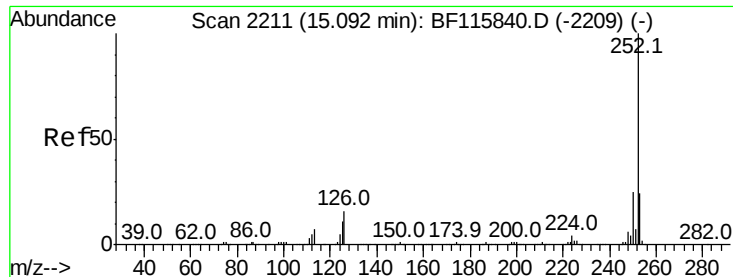
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#88
Benzo(b)fluoranthene
Concen: 44.633 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.7	8.4	12.6





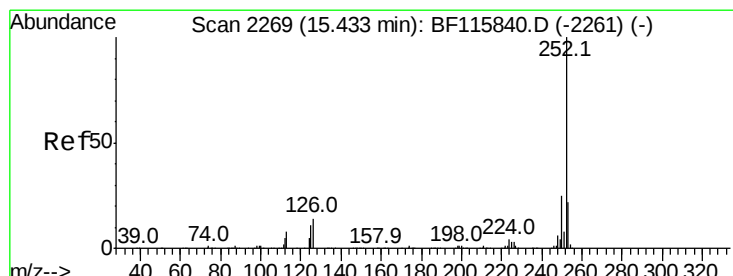
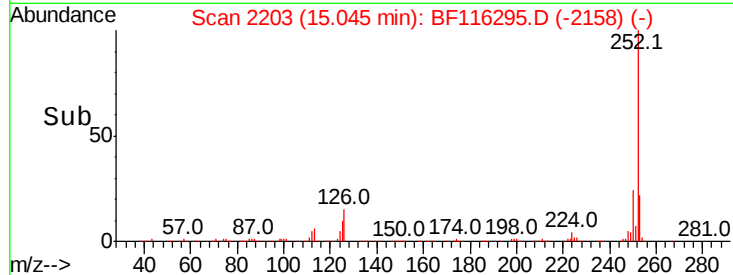
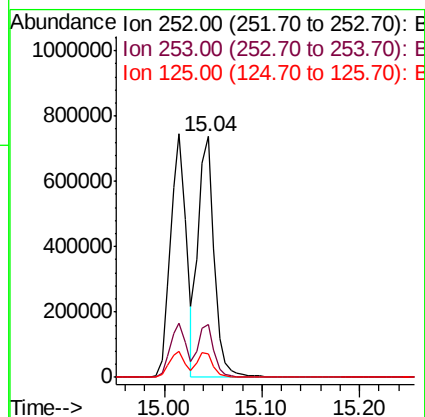
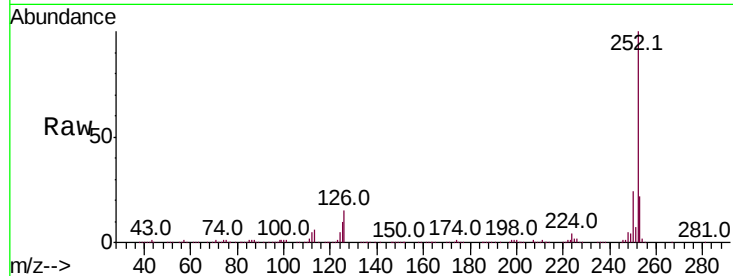
#89
Benzo(k)fluoranthene
Concen: 46.120 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampled :
SP-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.9	7.7	11.5

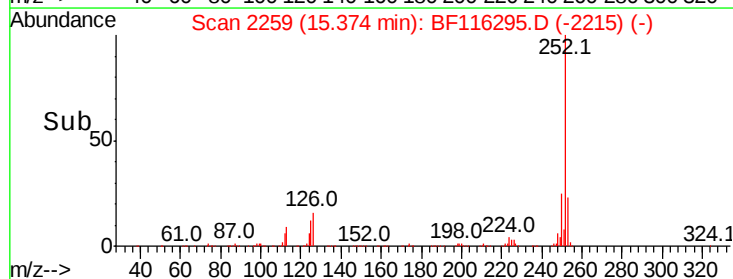
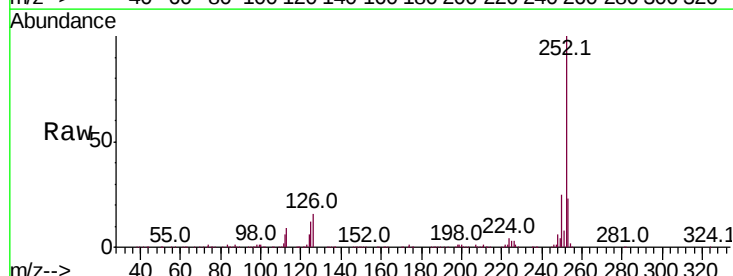
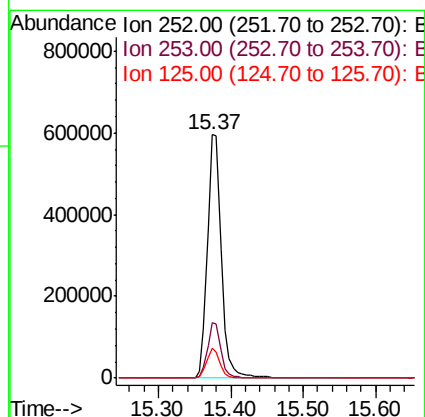
Manual Integrations
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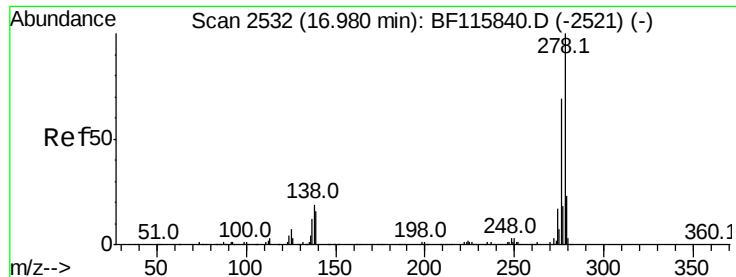
Jagrut
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#90
Benzo(a)pyrene
Concen: 47.868 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.5	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 48.079 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.06 min

Lab File: BF116295.D

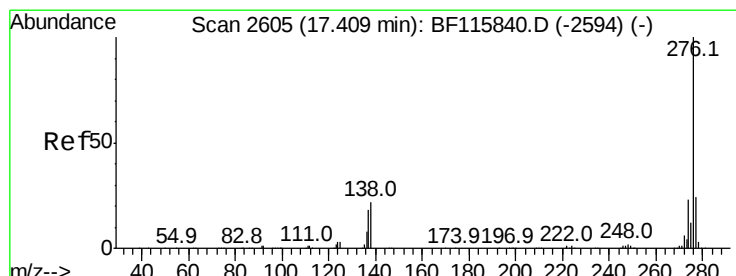
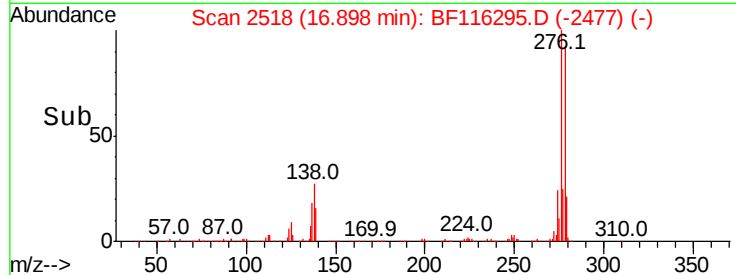
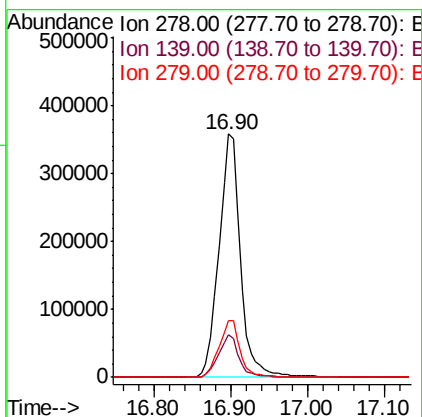
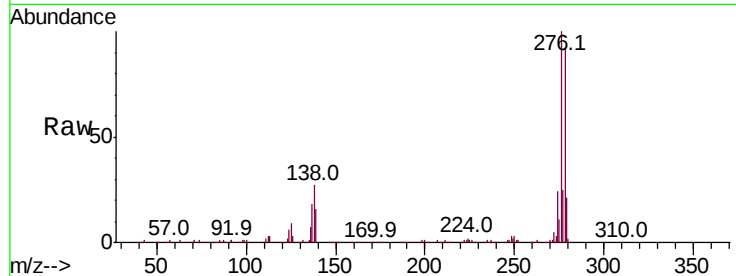
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :
SP-2MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	12.8	19.2
279	23.3	18.8	28.2

Manual Integrations
APPROVED

Jagrut
8/16/2019 5:34:10 PM



#92

Benzo(g,h,i)perylene

Concen: 48.090 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.05 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	22.4	17.0	25.6

