

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111943.D
 Acq On : 9 Jan 2019 11:39
 Operator : JU/SJ
 Sample : K1066-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TN-1419MS

Manual Integrations
 APPROVED

Sohil
 1/10/2019 11:45:47 AM

Quant Time: Jan 09 12:43:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	197421	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	691690	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	338096	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	518897	20.00	ng	0.00
76) Chrysene-d12	14.06	240	360030	20.00	ng	0.00
87) Perylene-d12	15.54	264	406295	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1089541	94.42	ng	0.01
7) Phenol-d6	6.53	99	1443619	97.06	ng	0.00
23) Nitrobenzene-d5	7.45	82	894793	69.14	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	367075	83.47	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1679886	72.45	ng	0.00
79) Terphenyl-d14	13.00	244	1188435	62.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	134169	26.591	ng	99
3) Pyridine	3.52	79	382907	29.278	ng	99
4) n-Nitrosodimethylamine	3.46	42	215272	33.084	ng	98
6) Aniline	6.55	93	184578	10.264	ng	# 67
8) 2-Chlorophenol	6.68	128	411953	32.150	ng	96
9) Benzaldehyde	6.43	77	143426	13.339	ng	99
10) Phenol	6.55	94	544046	33.655	ng	82
11) bis(2-Chloroethyl)ether	6.62	93	381936	30.541	ng	96
12) 1,3-Dichlorobenzene	6.83	146	453707	30.543	ng	97
13) 1,4-Dichlorobenzene	6.90	146	462343	30.672	ng	99
14) 1,2-Dichlorobenzene	7.06	146	432237	29.997	ng	99
15) Benzyl Alcohol	7.03	79	365455	31.055	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	607101	28.473	ng	92
17) 2-Methylphenol	7.15	107	306664	29.778	ng	99
18) Hexachloroethane	7.40	117	162609	30.896	ng	100
19) n-Nitroso-di-n-propylamine	7.30	70	294512	30.476	ng	99
20) 3+4-Methylphenols	7.30	107	427636	33.365	ng	95
22) Acetophenone	7.29	105	562983	32.149	ng	97
24) Nitrobenzene	7.47	77	429280	32.789	ng	98
25) Isophorone	7.70	82	778298	37.137	ng	100
26) 2-Nitrophenol	7.79	139	212969	33.038	ng	92
27) 2,4-Dimethylphenol	7.83	122	357059	38.309	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	487321	34.837	ng	98
29) 2,4-Dichlorophenol	8.03	162	364098	33.972	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	394113	33.333	ng	99
31) Naphthalene	8.19	128	1118213	34.056	ng	100
32) Benzoic acid	7.93	122	92640	15.316	ng	99
33) 4-Chloroaniline	8.24	127	86453	6.091	ng	99
34) Hexachlorobutadiene	8.31	225	234483	31.857	ng	98
35) Caprolactam	8.60	113	104409m	29.817	ng	
36) 4-Chloro-3-methylphenol	8.73	107	350357	32.878	ng	99
37) 2-Methylnaphthalene	8.89	142	815612	40.087	ng	99
38) 1-Methylnaphthalene	8.99	142	751694	38.520	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	351664	32.626	ng	100

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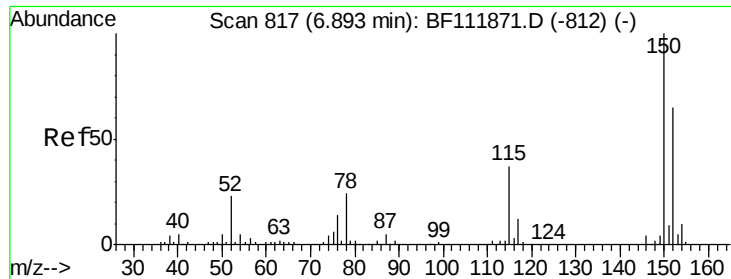
Manual Integrations
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Sohil
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	285888	45.873	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	245762	33.616	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	260503	34.010	ng	98
46) 1,1'-Biphenyl	9.35	154	955652	33.791	ng	100
47) 2-Chloronaphthalene	9.37	162	744648	33.549	ng	99
48) 2-Nitroaniline	9.46	65	223648	32.957	ng	98
49) Acenaphthylene	9.79	152	1147490	34.968	ng	99
50) Dimethylphthalate	9.65	163	918845	36.178	ng	99
51) 2,6-Dinitrotoluene	9.70	165	188881	33.256	ng	96
52) Acenaphthene	9.96	154	649423	30.698	ng	99
53) 3-Nitroaniline	9.87	138	92191	15.157	ng	89
54) 2,4-Dinitrophenol	9.99	184	91909	38.217	ng	98
55) Dibenzofuran	10.13	168	943354	30.662	ng	100
56) 4-Nitrophenol	10.05	139	238358	55.463	ng	98
57) 2,4-Dinitrotoluene	10.11	165	226372	30.846	ng	96
58) Fluorene	10.47	166	774118	34.579	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.26	232	206235	31.956	ng	96
60) Diethylphthalate	10.35	149	815851	33.193	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	394451	31.421	ng	100
62) 4-Nitroaniline	10.49	138	152690	26.467	ng	99
63) Azobenzene	10.63	77	724412	30.852	ng	93
65) 4,6-Dinitro-2-methylphenol	10.52	198	78625	24.557	ng	98
66) n-Nitrosodiphenylamine	10.58	169	671455	38.561	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	224577	33.415	ng	# 91
68) Hexachlorobenzene	11.03	284	251964	33.827	ng	98
69) Atrazine	11.11	200	211312	34.540	ng	100
70) Pentachlorophenol	11.22	266	199705	47.116	ng	99
71) Phenanthrene	11.44	178	952939	34.349	ng	99
72) Anthracene	11.49	178	940419	33.392	ng	98
73) Carbazole	11.64	167	796756	29.085	ng	99
74) Di-n-butylphthalate	11.97	149	1014491	31.882	ng	100
75) Fluoranthene	12.63	202	853382	29.964	ng	99
77) Benzidine	12.74	184	240262	22.334	ng	96
78) Pyrene	12.86	202	836545	33.769	ng	99
80) Butylbenzylphthalate	13.47	149	349620	33.383	ng	93
81) Benzo(a)anthracene	14.04	228	716813	34.595	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	182291	23.830	ng	100
83) Chrysene	14.08	228	677575	34.297	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	505604	36.761	ng	100
85) Di-n-octyl phthalate	14.64	149	838687	42.610	ng	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	705079	48.953	ng	99
88) Benzo(b)fluoranthene	15.10	252	798206	32.842	ng	98
89) Benzo(k)fluoranthene	15.13	252	785432	34.380	ng	99
90) Benzo(a)pyrene	15.48	252	751143	35.149	ng	100
91) Dibenzo(a,h)anthracene	17.05	278	590474	34.354	ng	99
92) Benzo(g,h,i)perylene	17.49	276	566263	33.684	ng	99

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



#1

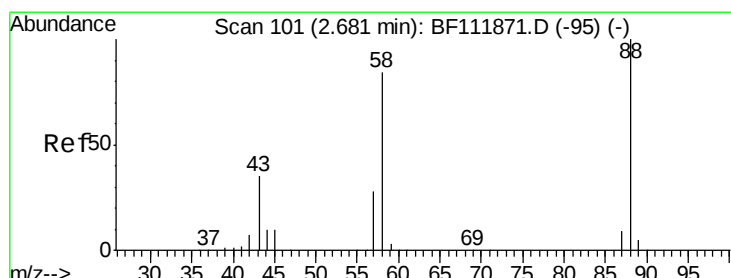
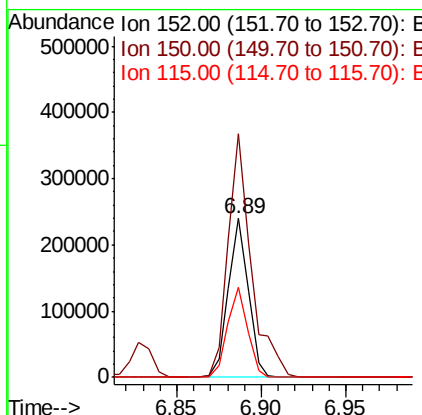
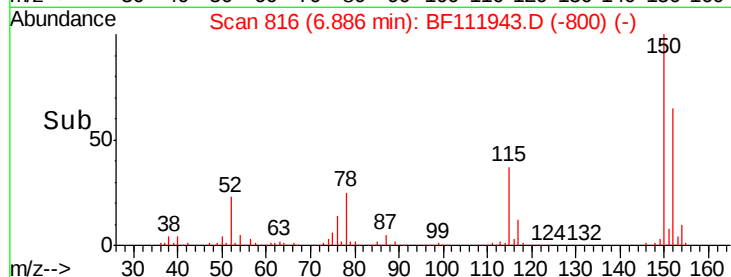
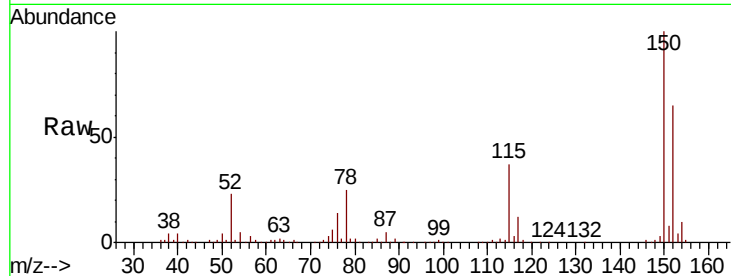
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampled :
TN-1419MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.7	184.1
115	56.5	45.2	67.8

Manual Integrations
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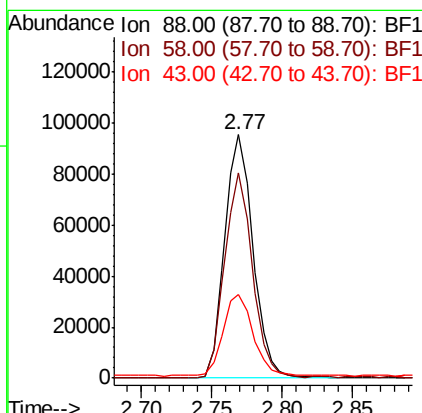
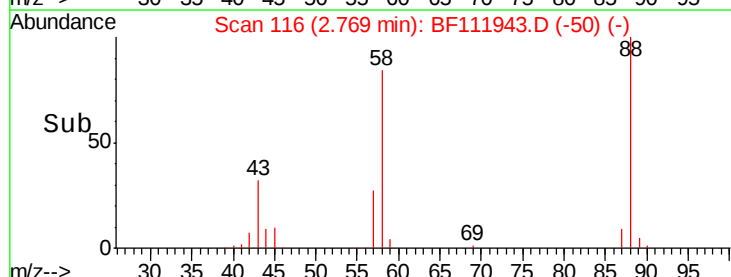
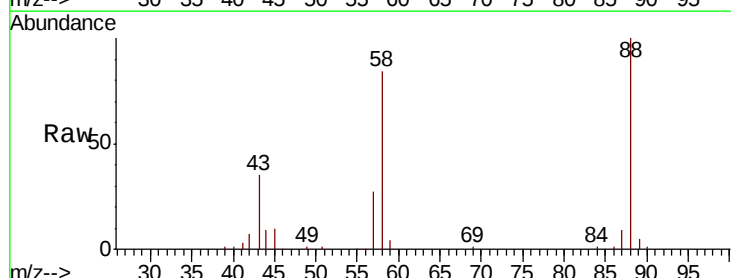
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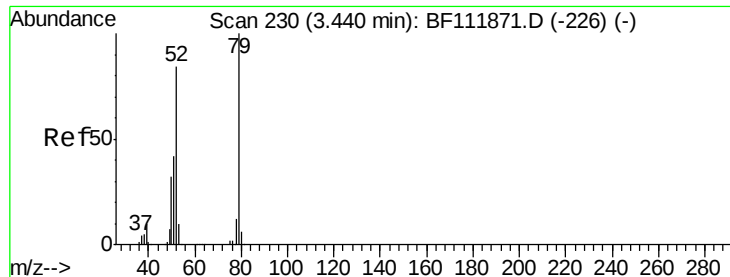


#2

1,4-Dioxane
Concen: 26.591 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.09 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	67.6	101.4
43	35.3	29.0	43.6





#3

Pvridine

Concen: 29.278 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.08 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

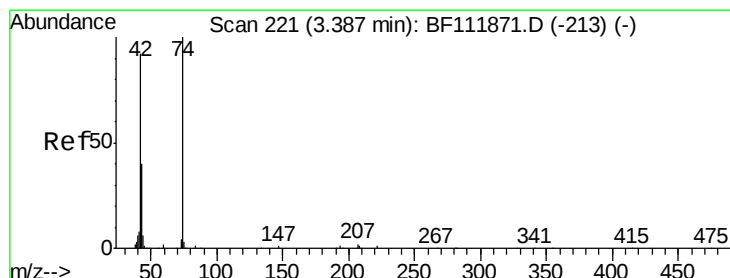
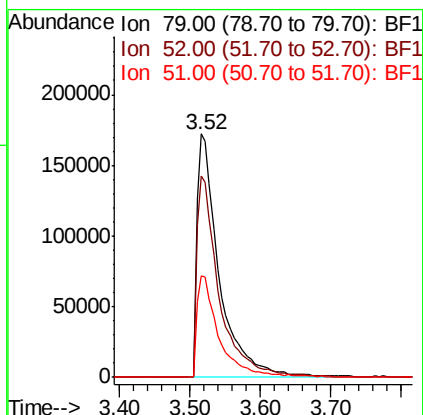
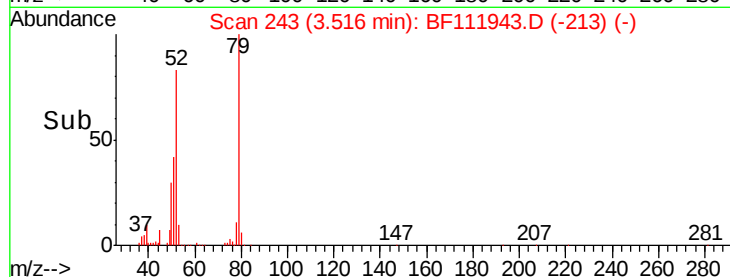
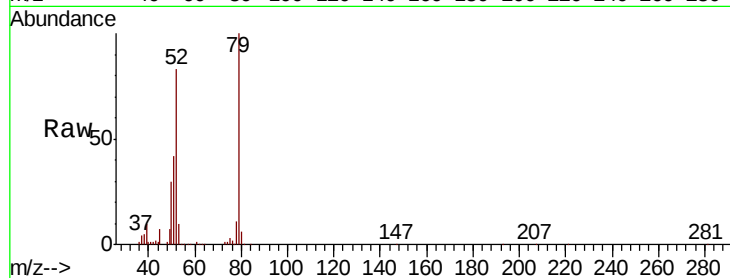
ClientSampleId :

TN-1419MS

Tot Ion:	79	Resp:	382907
Ion	Ratio	Lower	Upper
79	100		
52	82.9	67.0	100.6
51	41.7	34.2	51.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.084 ng

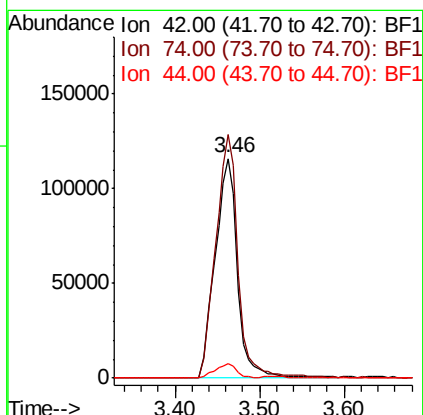
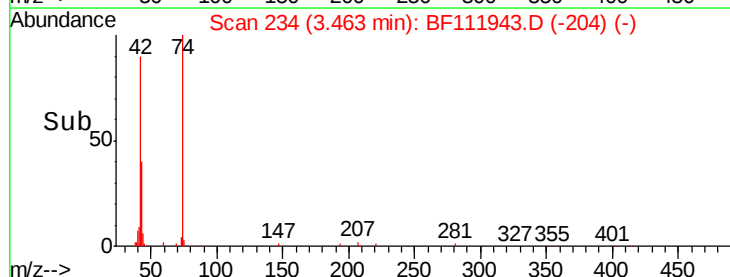
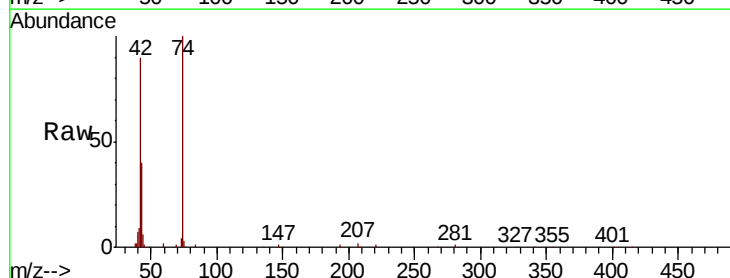
RT: 3.46 min Scan# 234

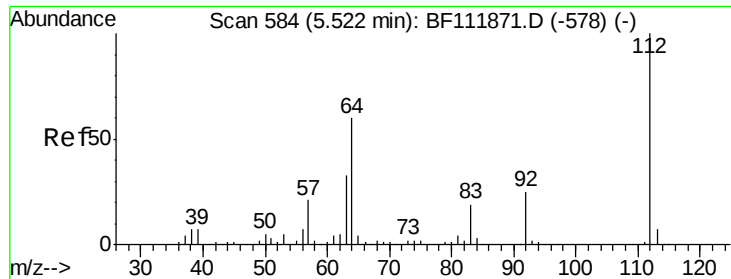
Delta R.T. 0.08 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Tgt Ion:	42	Resp:	215272
Ion	Ratio	Lower	Upper
42	100		
74	111.0	87.0	130.6
44	6.6	5.5	8.3





#5

2-Fluorophenol

Concen: 94.418 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

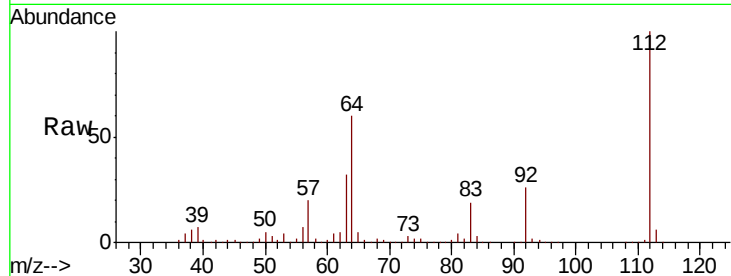
ClientSampled :

TN-1419MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.3	72.5
63	31.8	26.1	39.1

Manual Integrations
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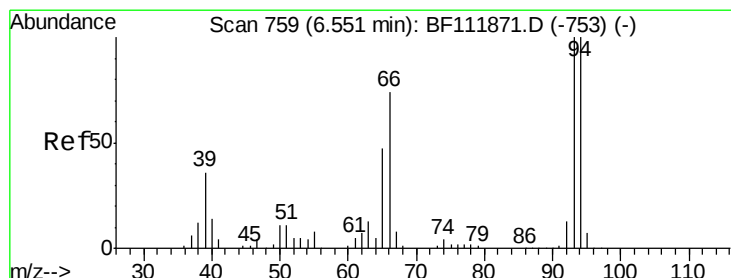
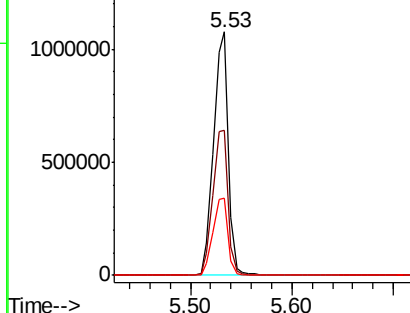
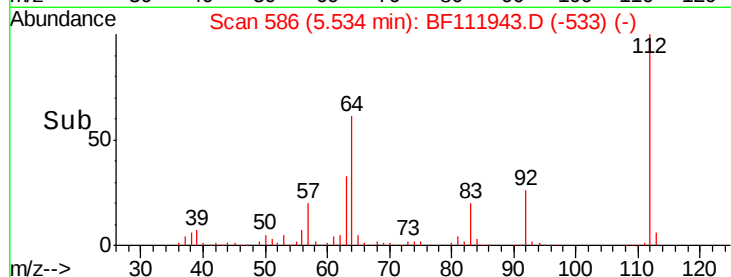
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.264 ng

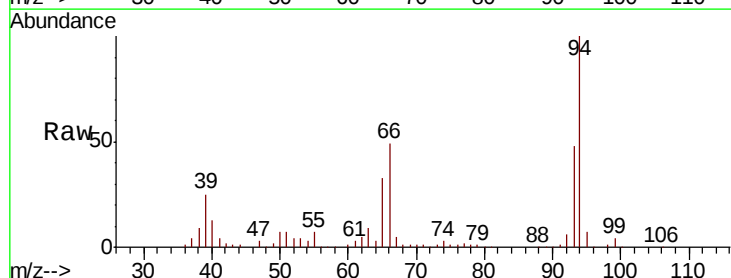
RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

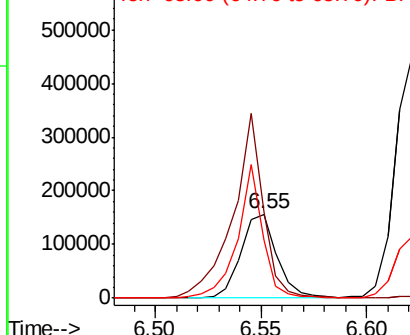
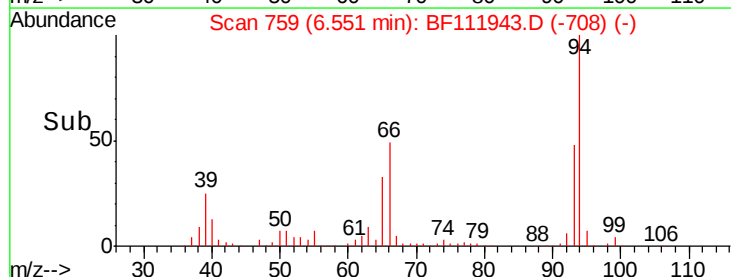
Tgt Ion	Ratio	Lower	Upper
93	100		
66	102.6	60.0	90.0#
65	69.2	37.5	56.3#

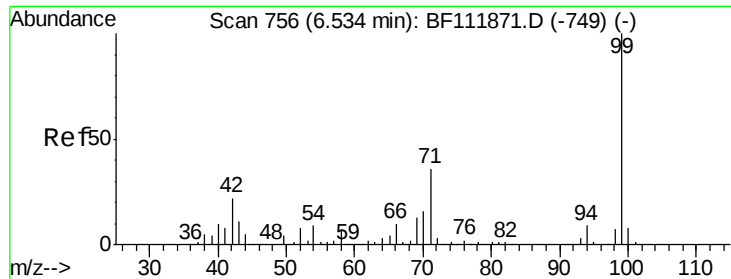


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.062 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

TN-1419MS

Tot Ion: 99 Resp: 1443619

Ion Ratio Lower Upper

99 100

42 21.6 17.9 26.9

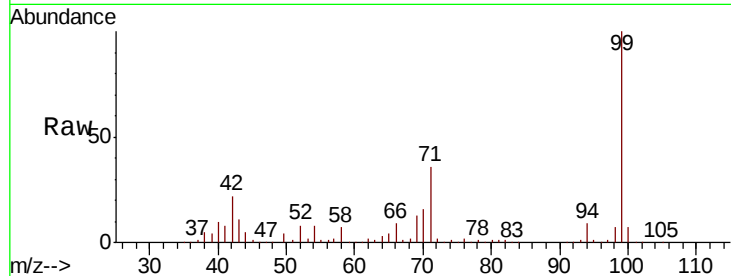
71 35.5 28.7 43.1

Manual Integrations

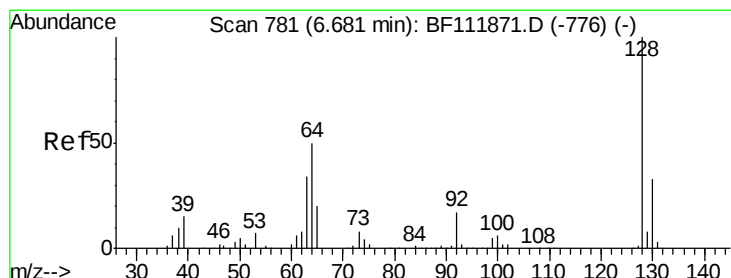
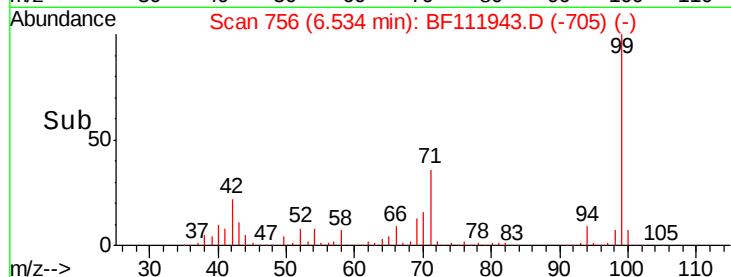
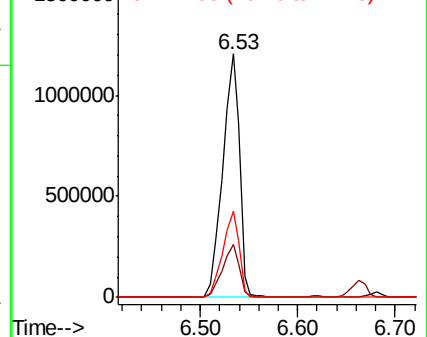
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 32.150 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

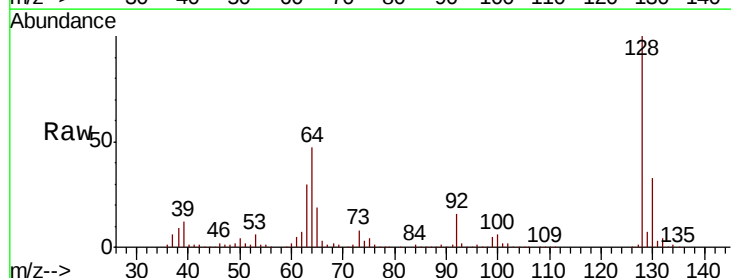
Tgt Ion: 128 Resp: 411953

Ion Ratio Lower Upper

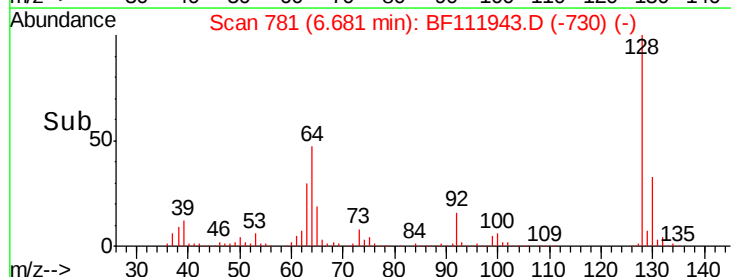
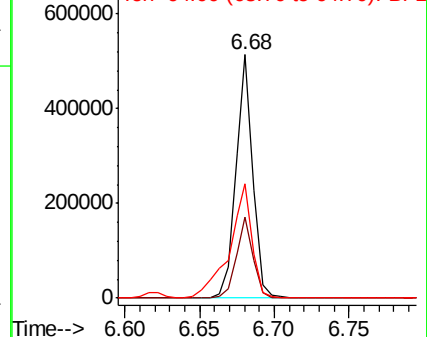
128 100

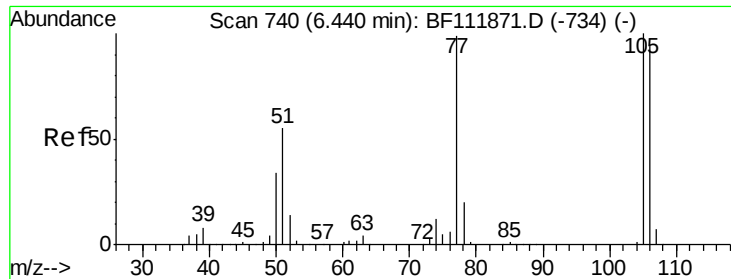
130 33.2 12.7 52.7

64 47.2 31.8 71.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





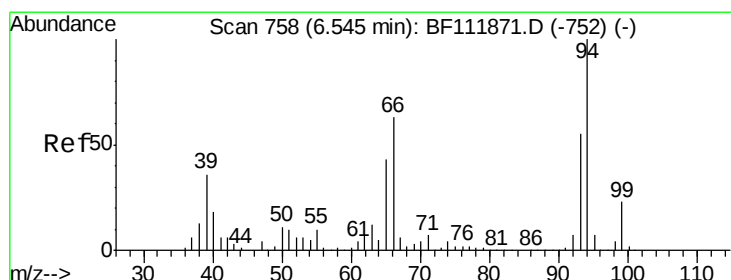
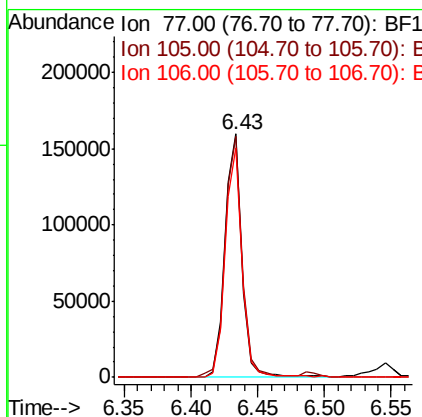
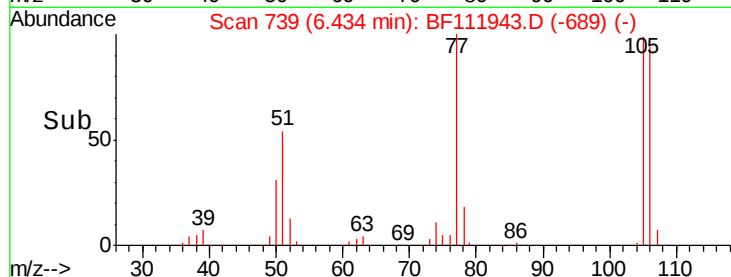
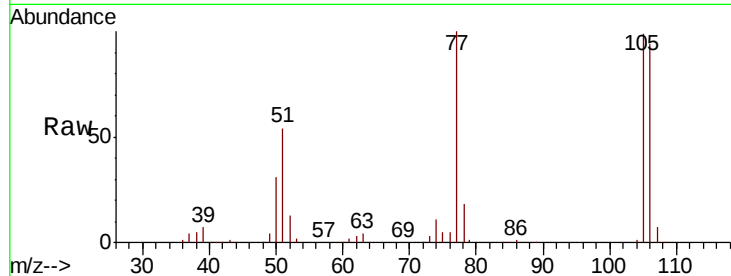
#9
Benzaldehyde
Concen: 13.339 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :
TN-1419MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	99.0	80.6	120.6		
106	94.2	74.6	114.6		

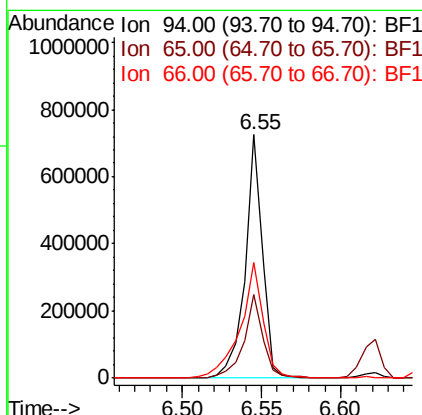
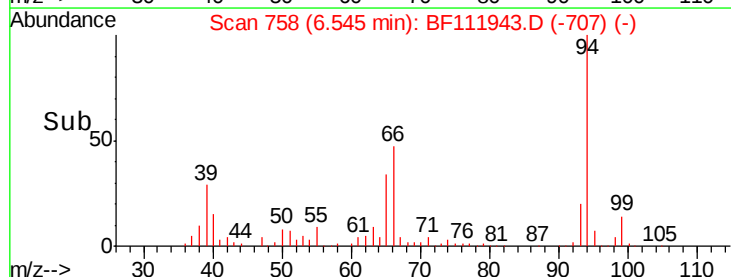
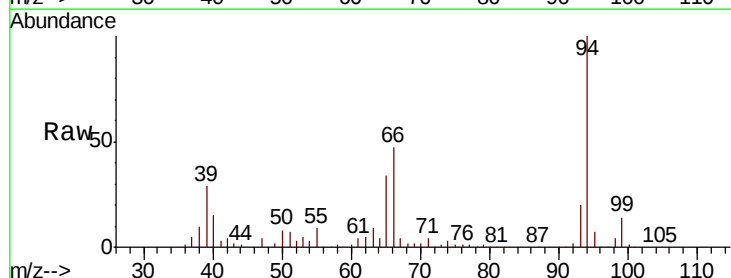
Manual Integrations
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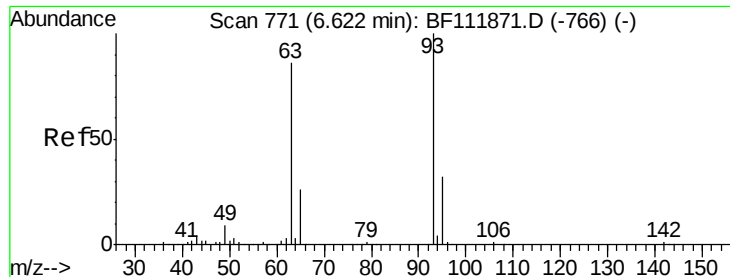
Sohil
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#10
Phenol
Concen: 33.655 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	34.3	22.8	62.8		
66	47.5	43.3	83.3		





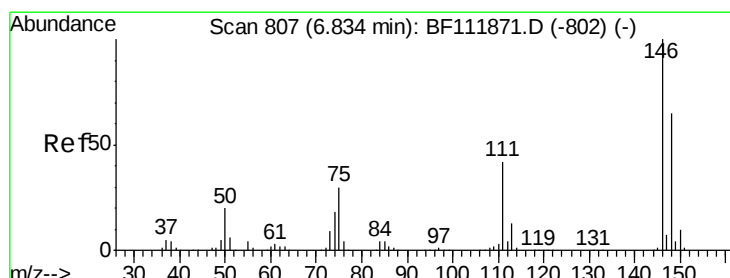
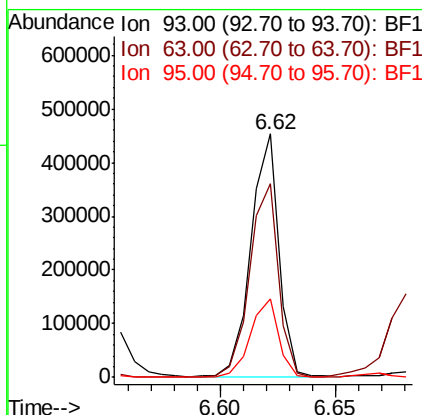
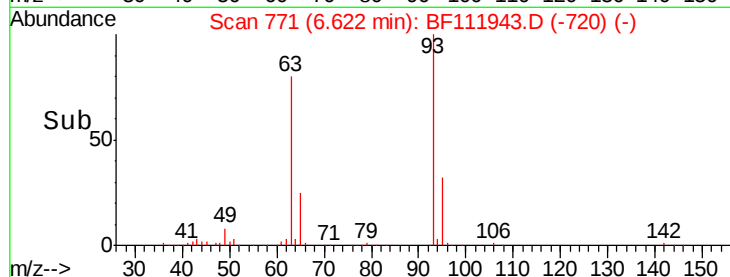
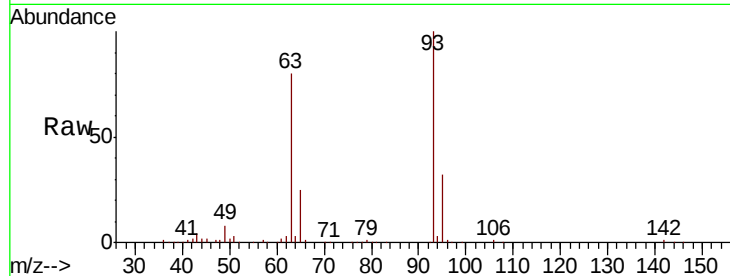
#11
bis(2-Chloroethyl)ether
Concen: 30.541 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :
TN-1419MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.7	65.2	105.2
95	32.0	11.9	51.9

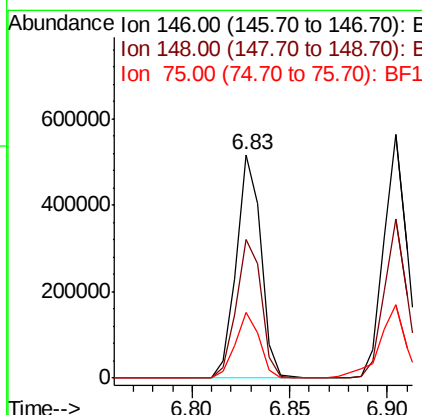
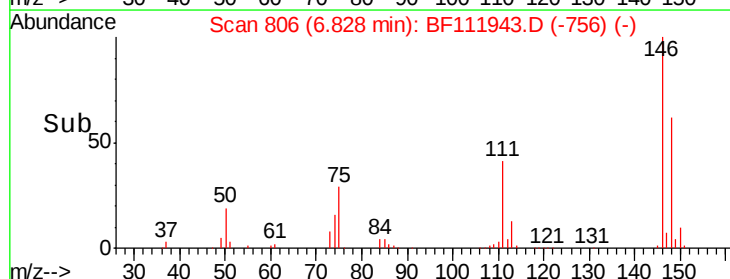
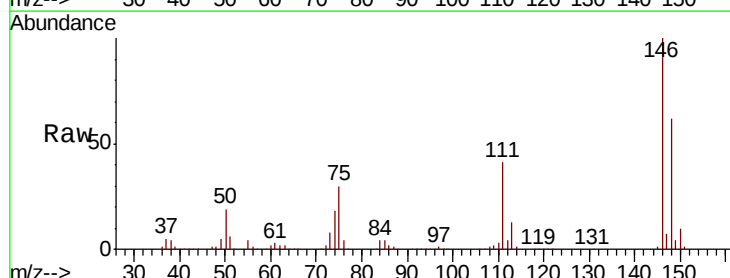
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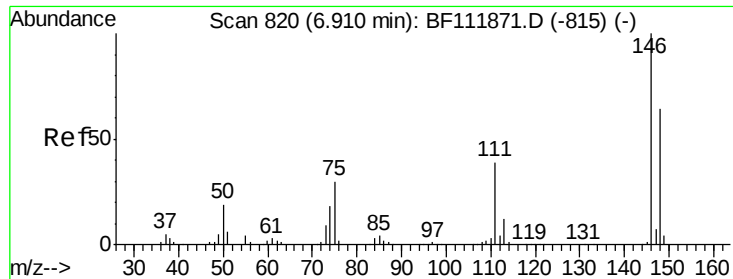
Sohil
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#12
1,3-Dichlorobenzene
Concen: 30.543 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.8	77.6
75	29.7	24.3	36.5





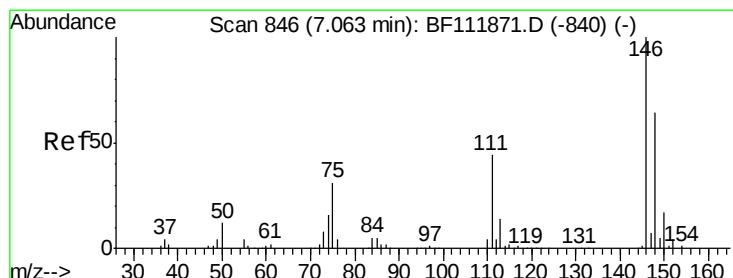
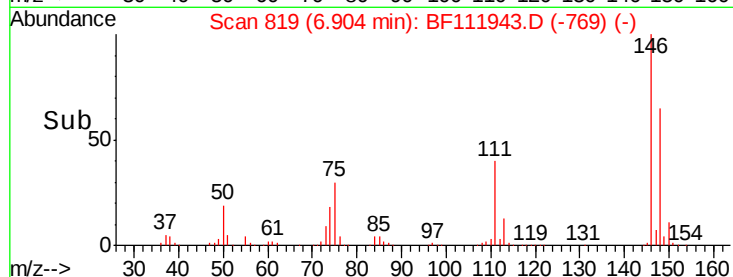
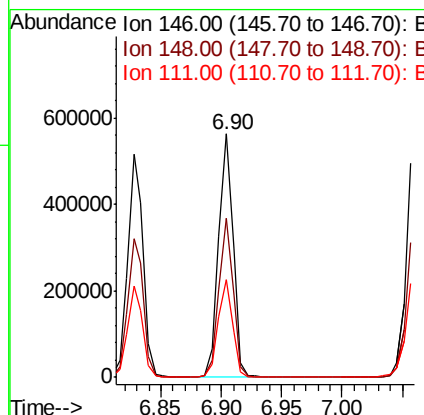
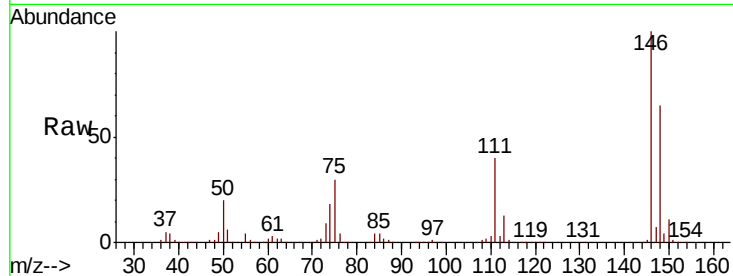
#13
 1,4-Dichlorobenzene
 Concen: 30.672 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_F
 ClientSampleId :
 TN-1419MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.2	76.8
111	40.1	31.5	47.3

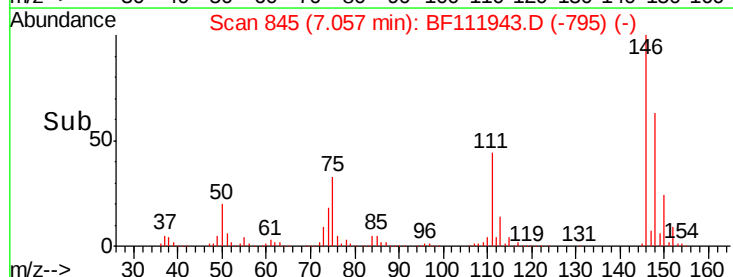
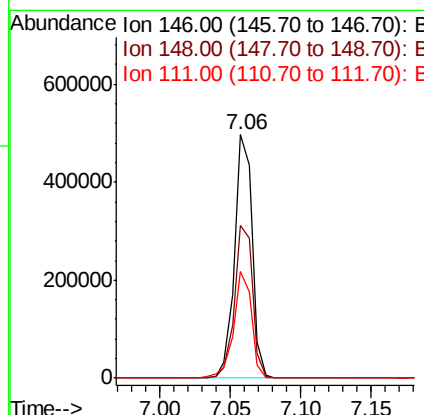
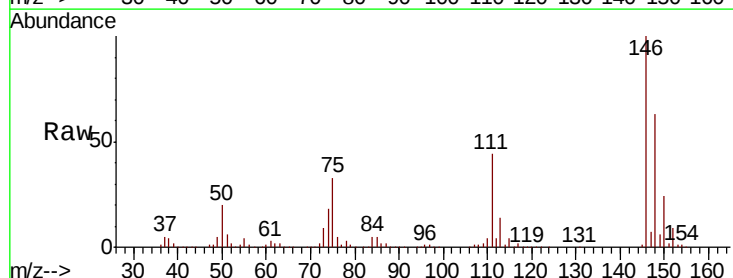
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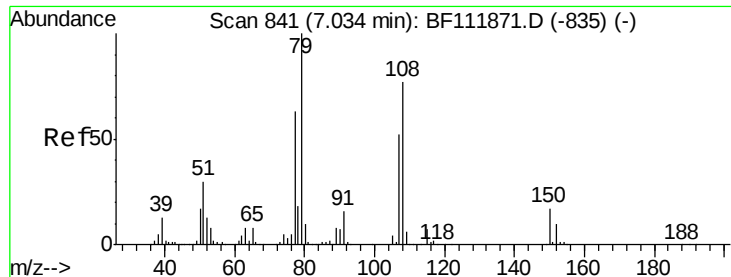
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 29.997 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.5	77.3
111	44.0	35.5	53.3





#15

Benzyl Alcohol

Concen: 31.055 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

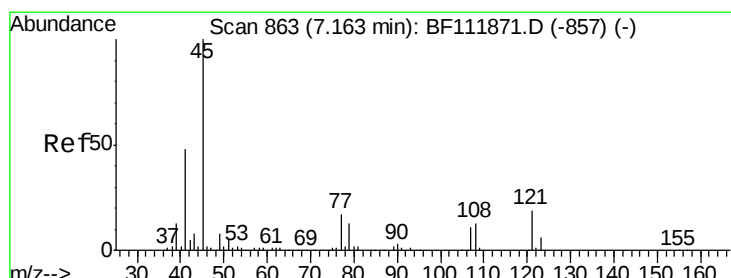
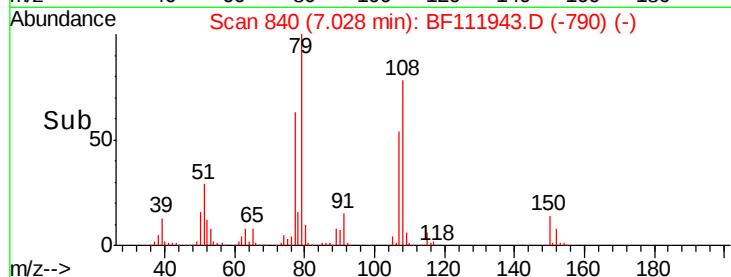
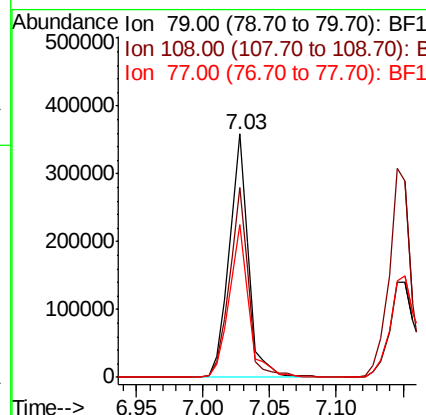
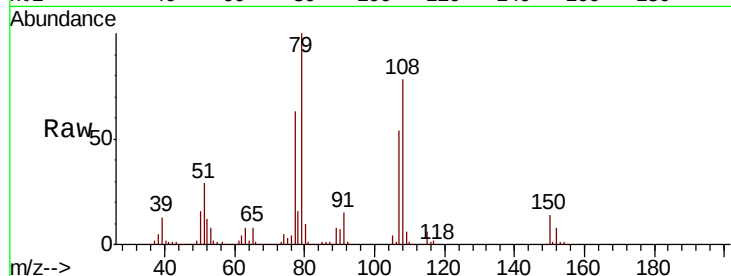
ClientSampleId :

TN-1419MS

Tot Ion:	79	Resp:	365455
Ion Ratio	Lower	Upper	
79	100		
108	77.8	61.4	92.0
77	62.7	50.4	75.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 28.473 ng

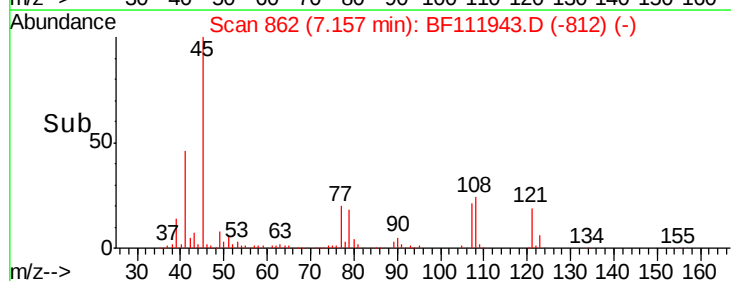
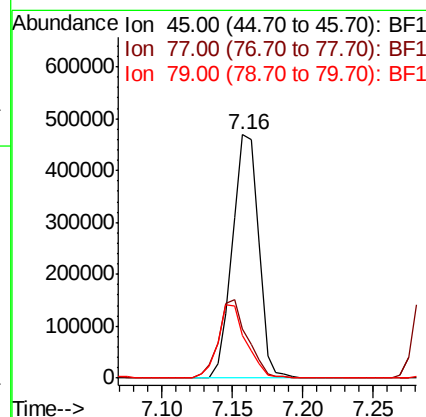
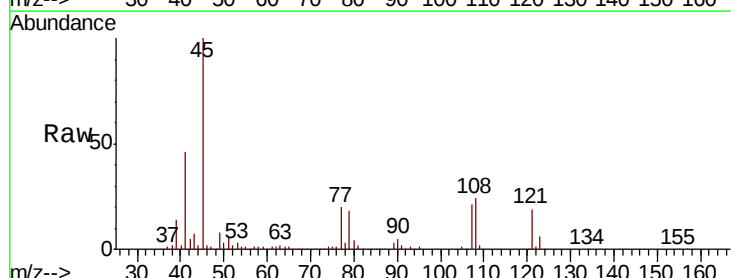
RT: 7.16 min Scan# 862

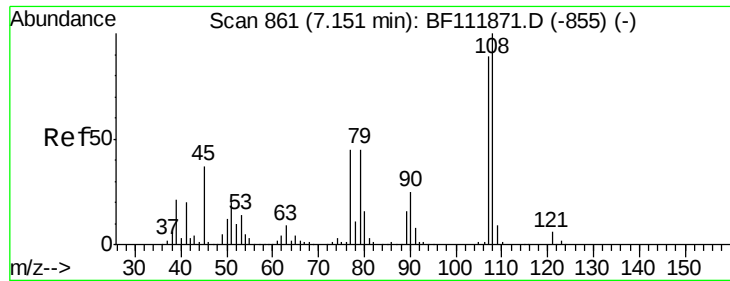
Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Tgt Ion:	45	Resp:	607101
Ion Ratio	Lower	Upper	
45	100		
77	20.3	0.0	37.1
79	17.6	0.0	33.9





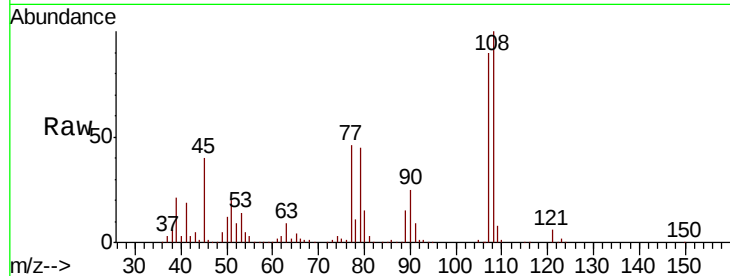
#17
2-Methylphenol
Concen: 29.778 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampled :
TN-1419MS

Tot Ion:	107	Resp:	306664
Ion Ratio	Lower	Upper	
107	100		
108	111.2	89.7	134.5
77	51.4	40.6	60.8
79	50.6	40.2	60.2

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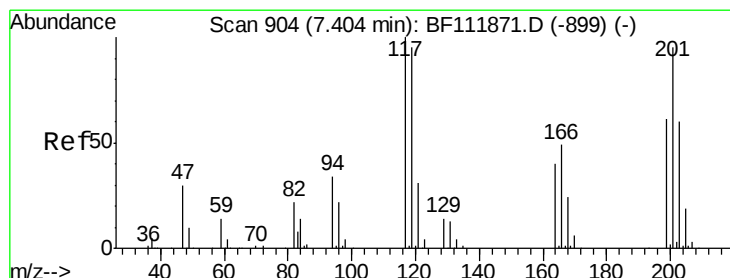
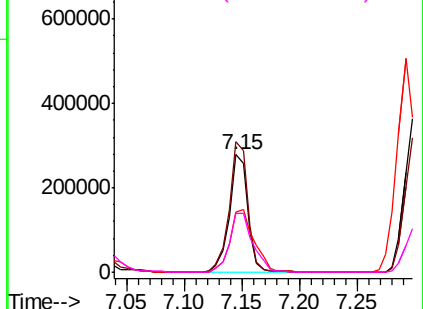
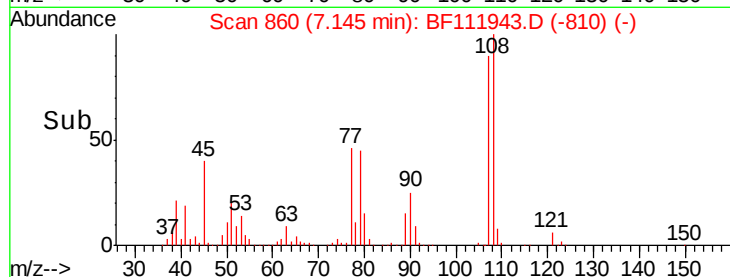
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

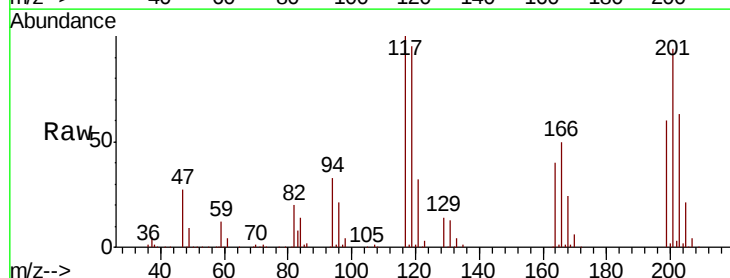
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 30.896 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion:	117	Resp:	162609
Ion Ratio	Lower	Upper	
117	100		
119	95.2	76.2	114.2
201	93.8	75.7	113.5

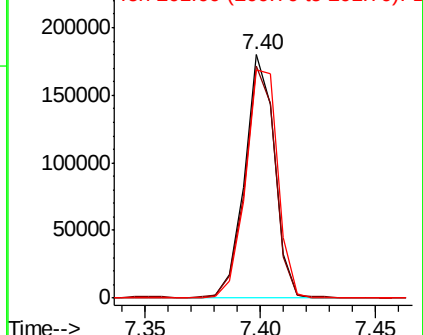
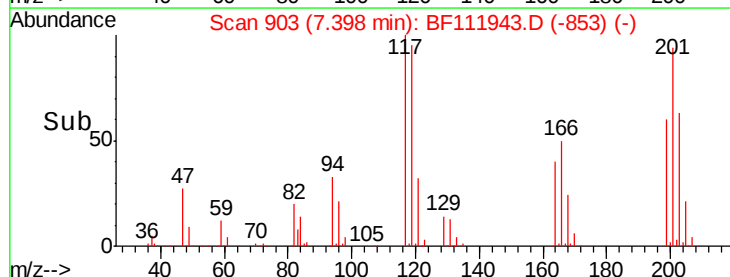


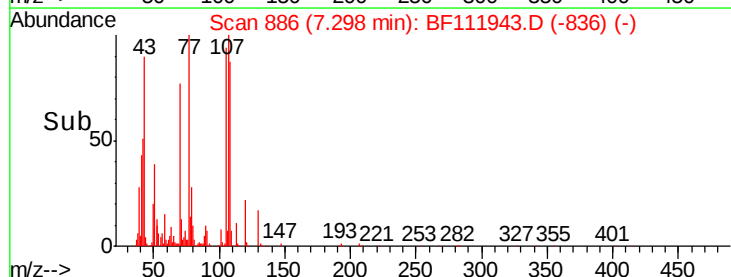
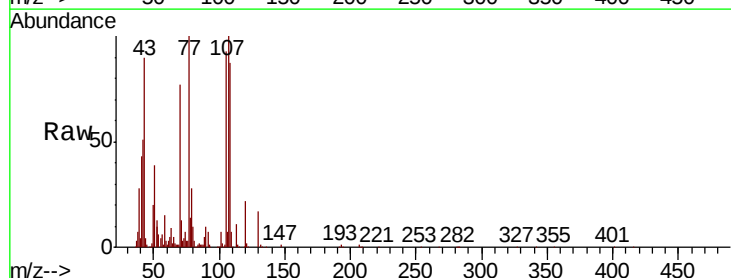
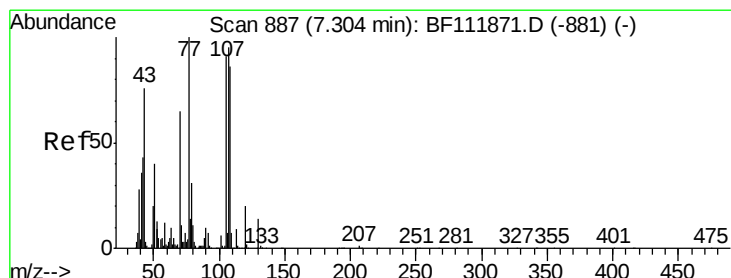
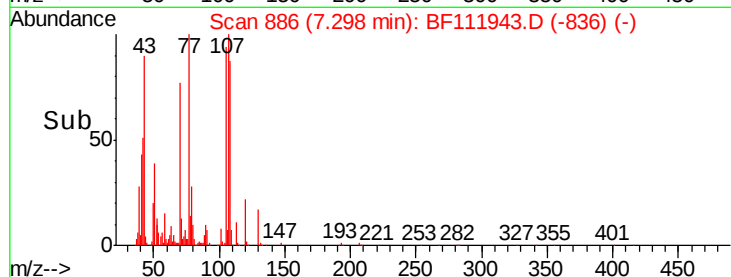
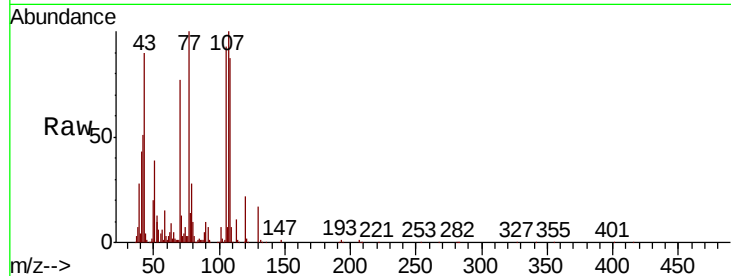
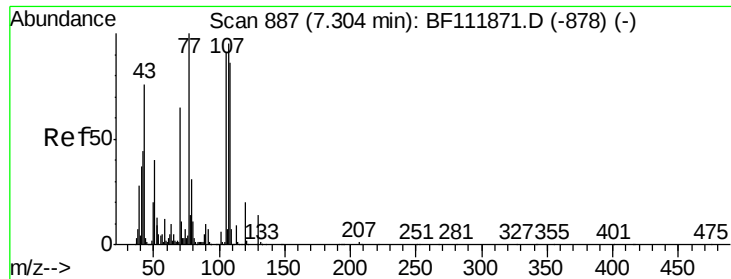
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

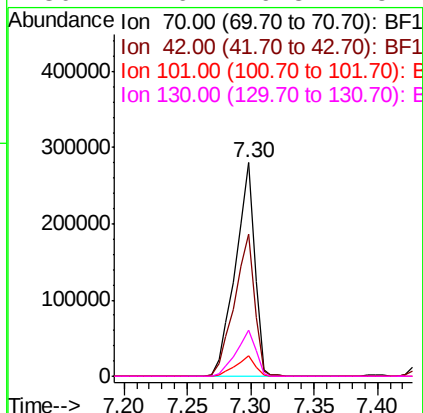
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 30.476 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		294512		
42	66.4	53.6	80.4		
101	9.8	7.3	10.9		
130	21.6	16.8	25.2		



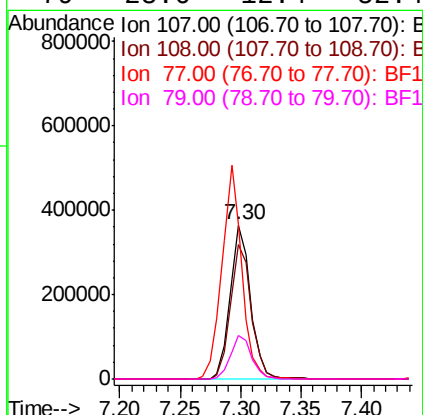
Instrument :
BNA_F
ClientSampleId :
TN-1419MS

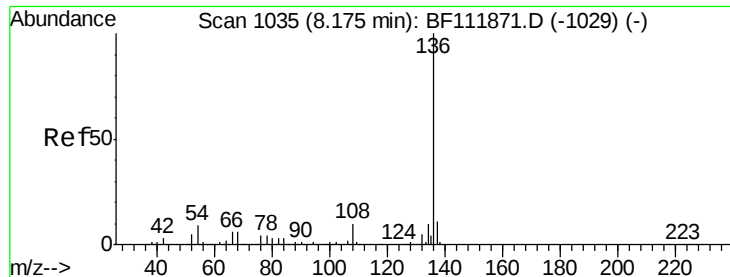
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#20
3+4-Methylphenols
Concen: 33.365 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		427636		
108	87.5	71.1	111.1		
77	100.4	85.4	125.4		
79	28.6	12.4	52.4		





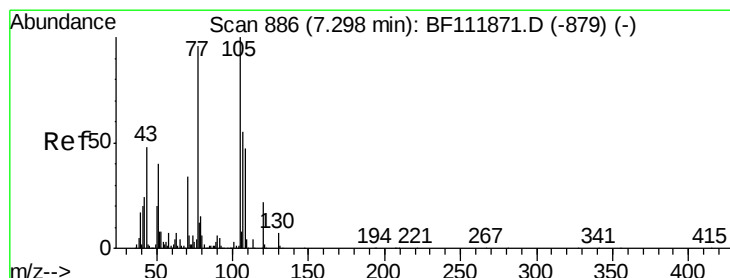
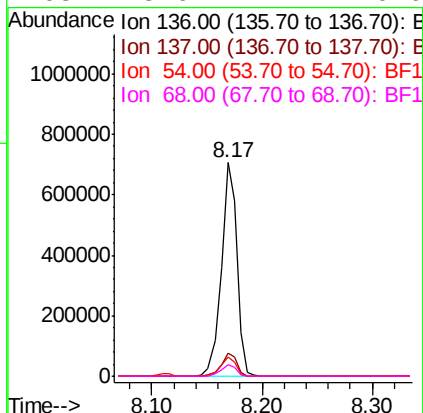
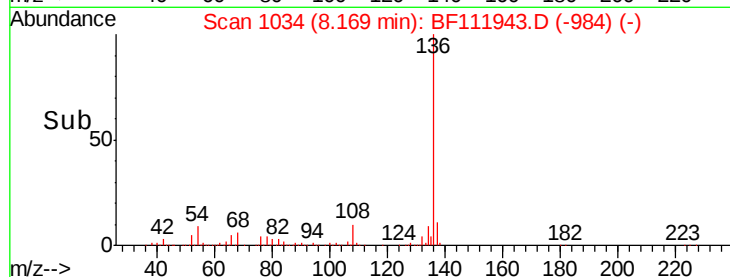
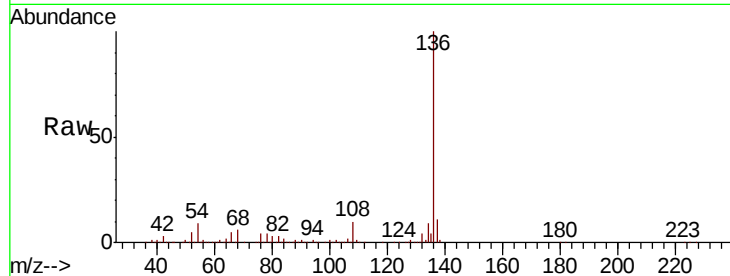
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampled :
TN-1419MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	691690		
137	10.9	9.1	13.7	
54	9.1	7.2	10.8	
68	5.6	4.4	6.6	

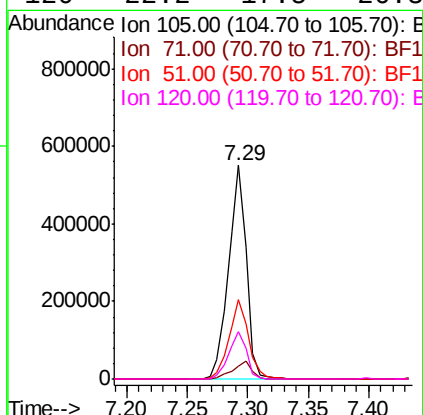
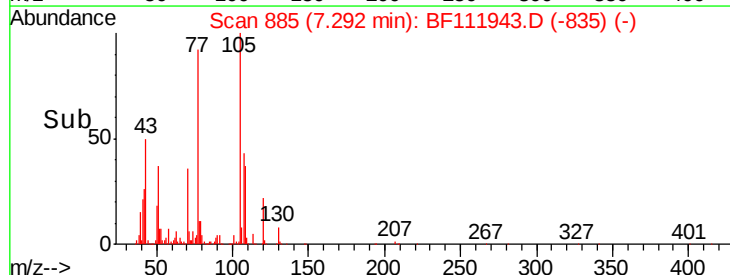
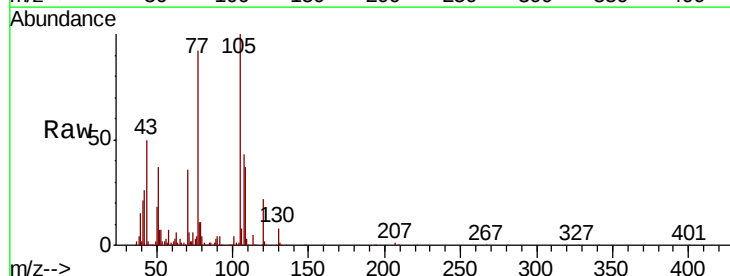
Manual Integrations
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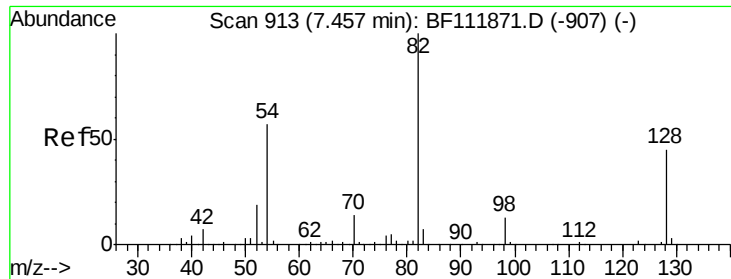
Sohil
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#22
Acetophenone
Concen: 32.149 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	562983		
71	6.2	4.6	6.8	
51	37.3	32.2	48.2	
120	22.2	17.5	26.3	





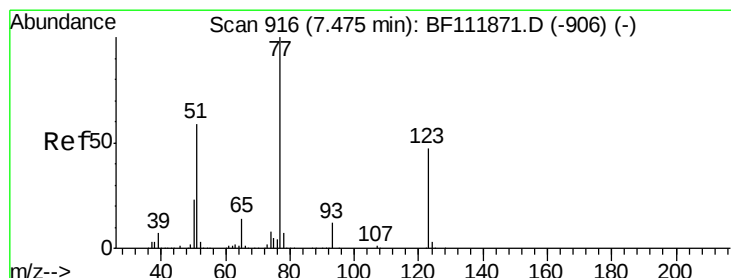
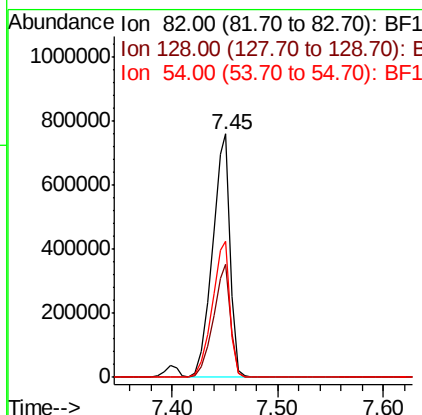
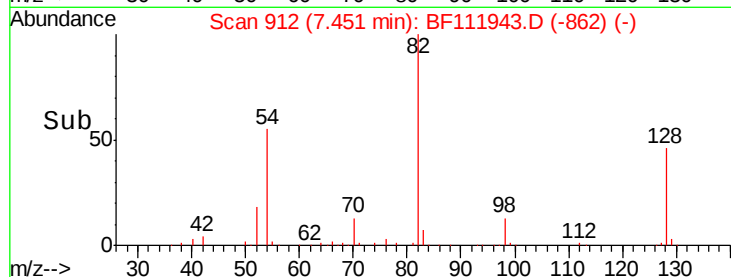
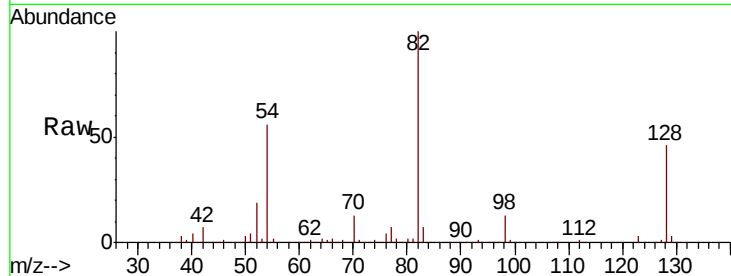
#23
 Nitrobenzene-d5
 Concen: 69.139 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_F
 ClientSampled :
 TN-1419MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.7	53.5
54	55.6	45.8	68.8

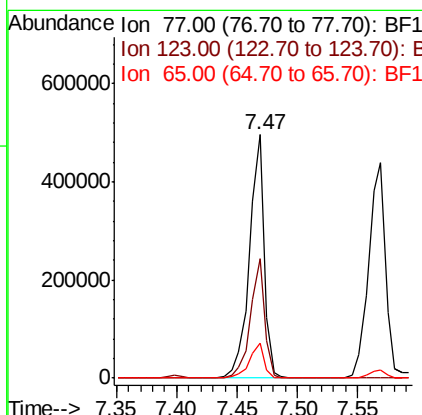
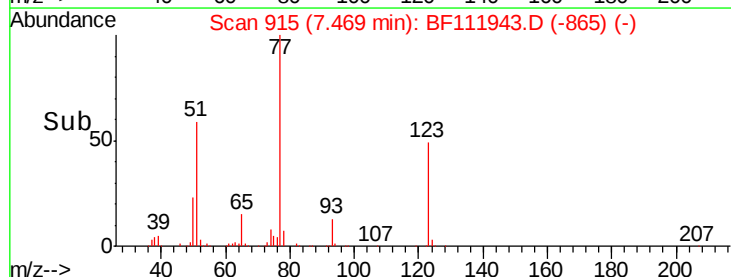
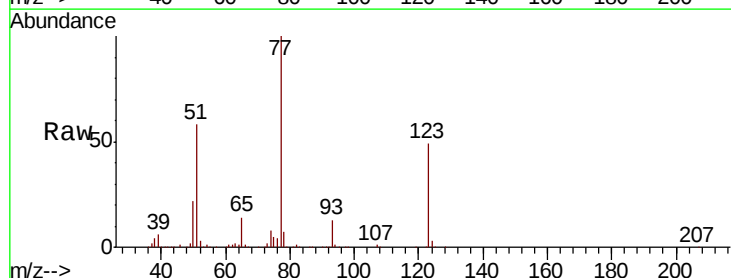
Manual Integrations
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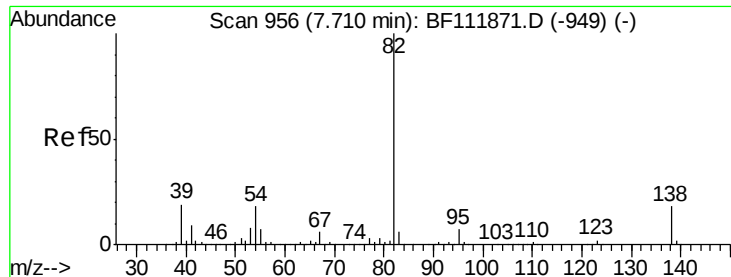
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#24
 Nitrobenzene
 Concen: 32.789 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	38.1	57.1
65	14.4	11.0	16.4





#25

Isophorone

Concen: 37.137 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

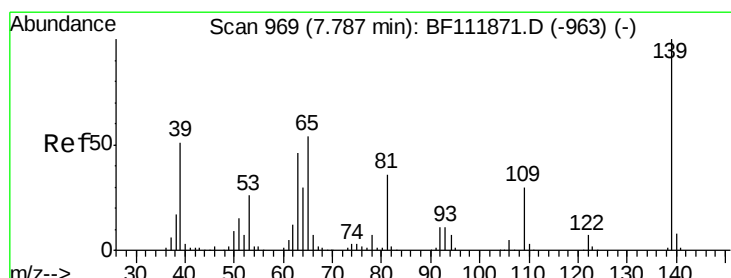
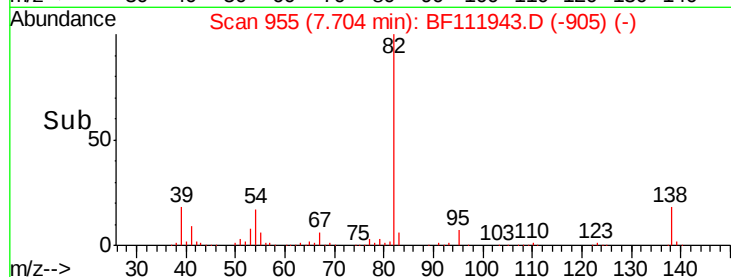
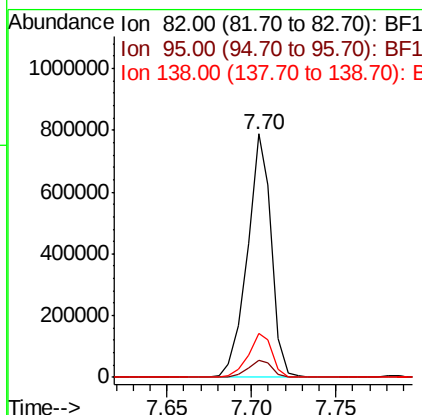
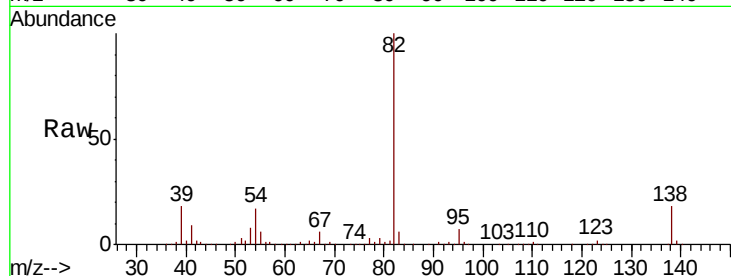
ClientSampled :

TN-1419MS

Tot Ion:	82	Resp:	778298
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.6
138	17.9	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 33.038 ng

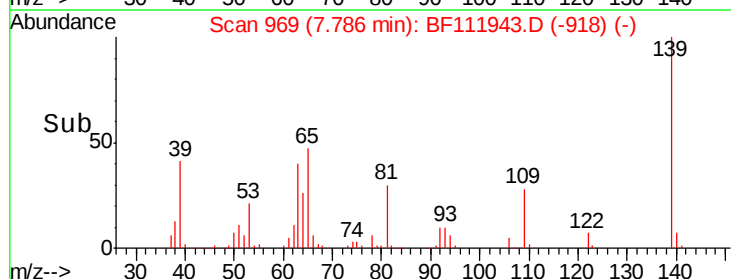
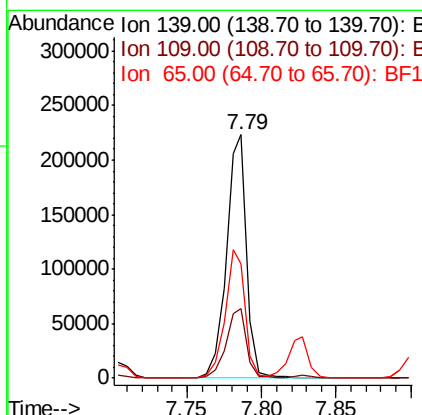
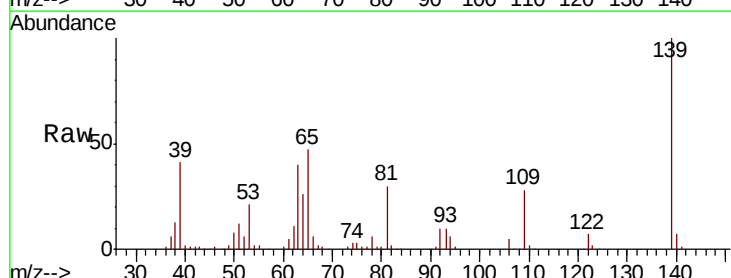
RT: 7.79 min Scan# 969

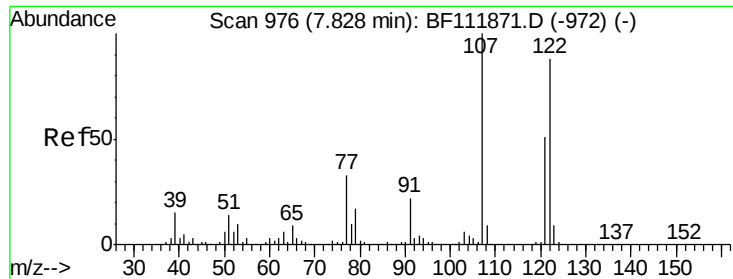
Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Tgt Ion:	139	Resp:	212969
Ion Ratio	Lower	Upper	
139	100		
109	28.3	24.1	36.1
65	47.0	43.6	65.4





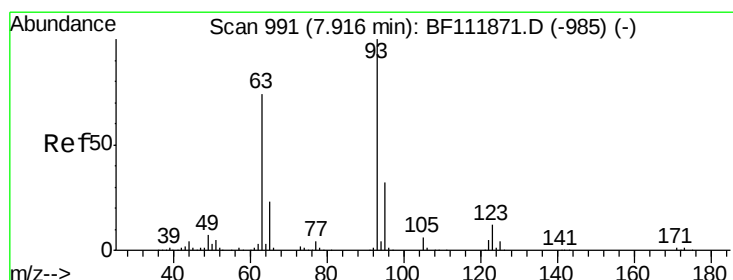
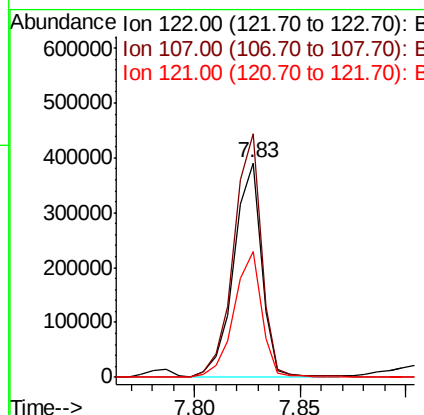
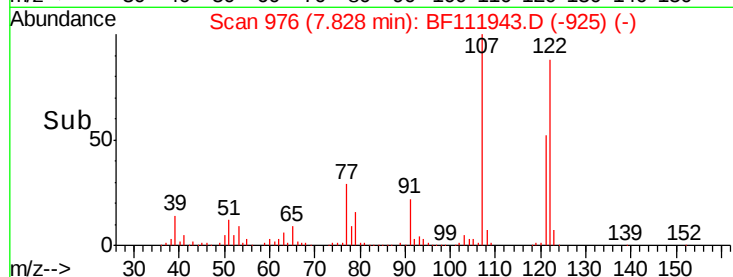
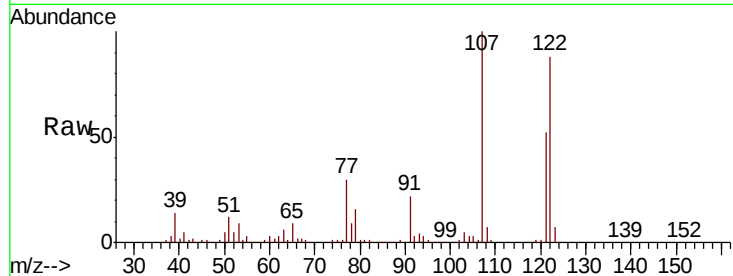
#27
2,4-Dimethylphenol
Concen: 38.309 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :
TN-1419MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	357059		
107	113.5	91.0	136.6	
121	58.8	46.8	70.2	

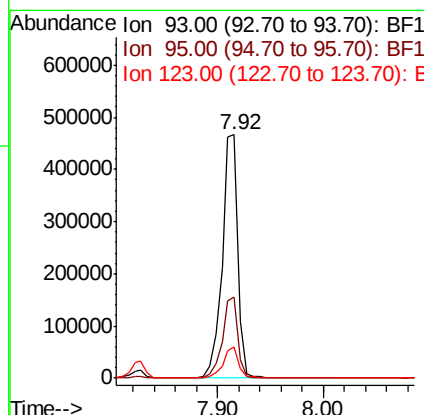
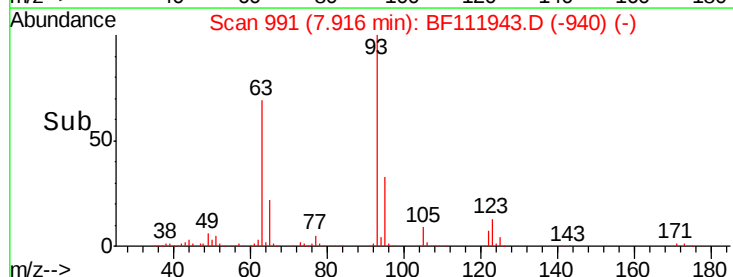
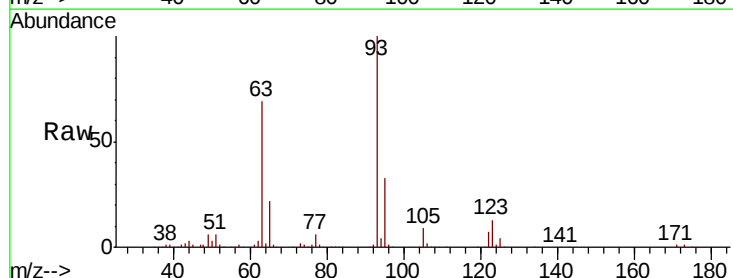
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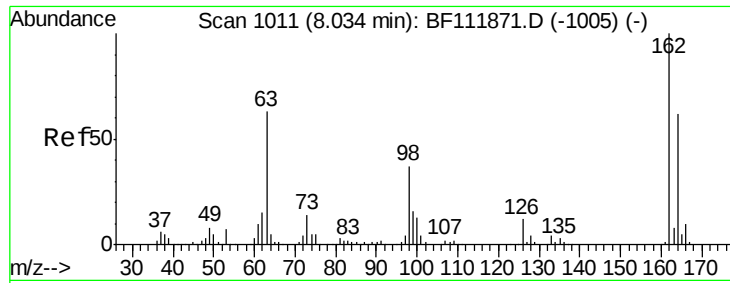
Sohil
1/10/2019 11:45:47 AM



#28
bis(2-Chloroethoxy)methane
Concen: 34.837 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	487321		
95	33.2	25.8	38.6	
123	12.7	9.5	14.3	





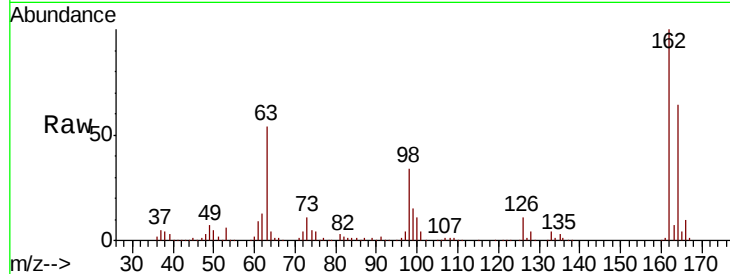
#29
2,4-Dichlorophenol
Concen: 33.972 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampled :
TN-1419MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	364098		
164	63.5	42.1	82.1	
98	34.0	17.2	57.2	

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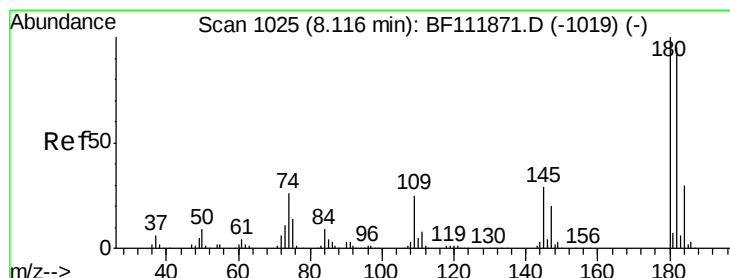
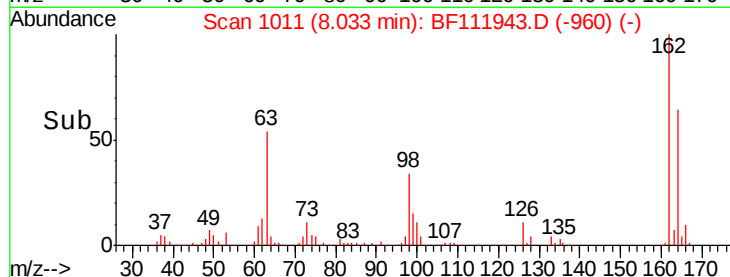
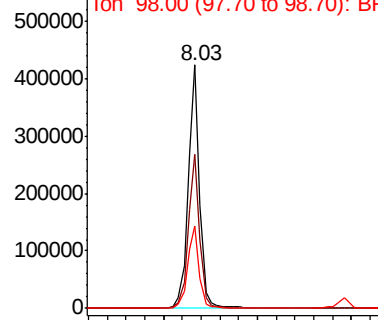


Abundance

Ion 162.00 (161.70 to 162.70): E

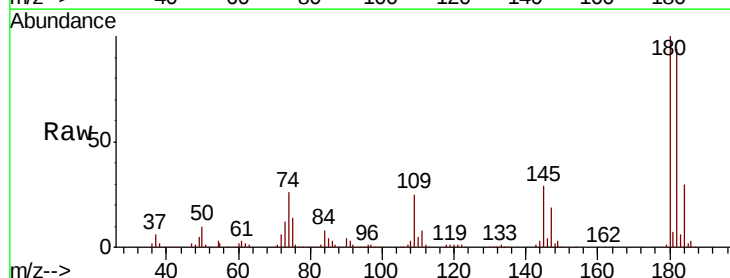
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 33.333 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	394113		
182	93.8	76.2	114.4	
145	29.3	23.4	35.2	

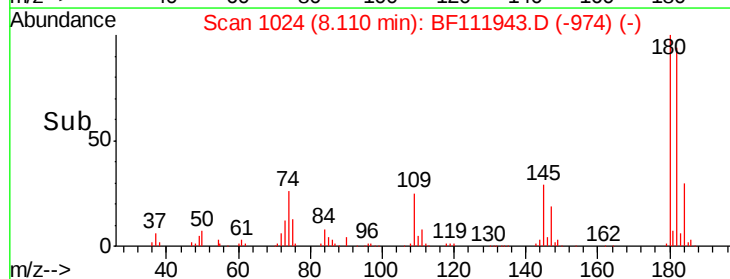
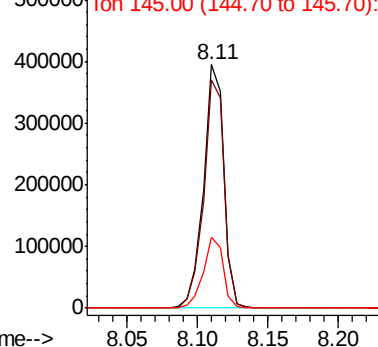


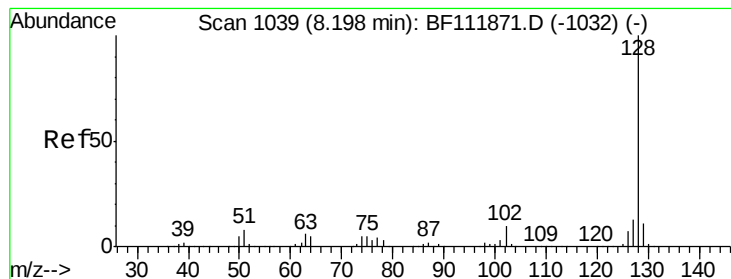
Abundance

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: 34.056 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

TN-1419MS

Tot Ion:128 Resp: 1118213

Ion Ratio Lower Upper

128 100

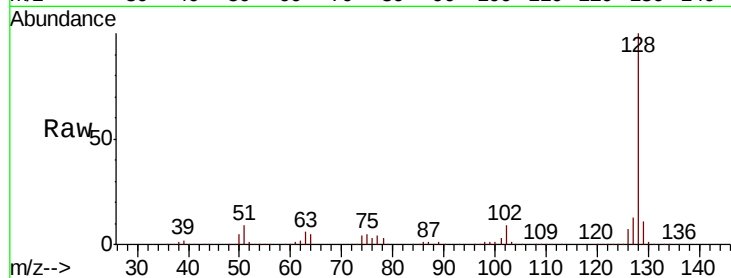
129 11.1 9.0 13.4

127 13.4 10.7 16.1

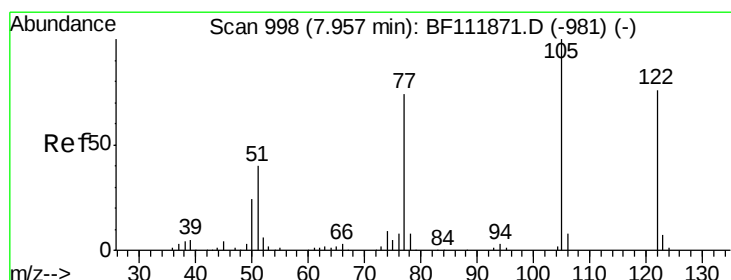
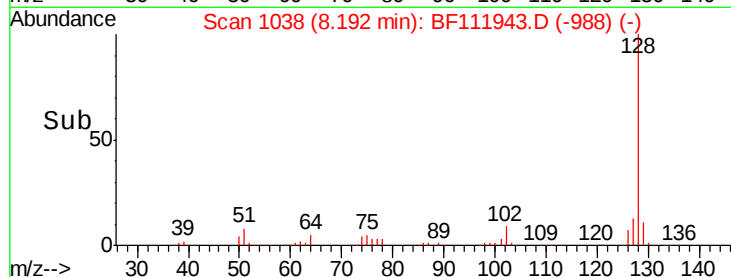
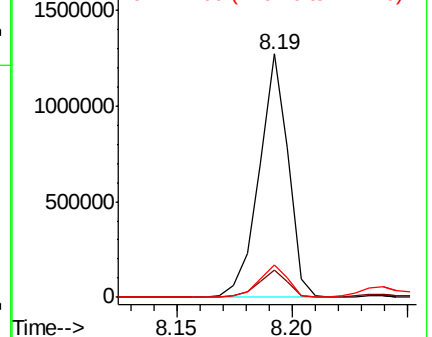
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.316 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.03 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

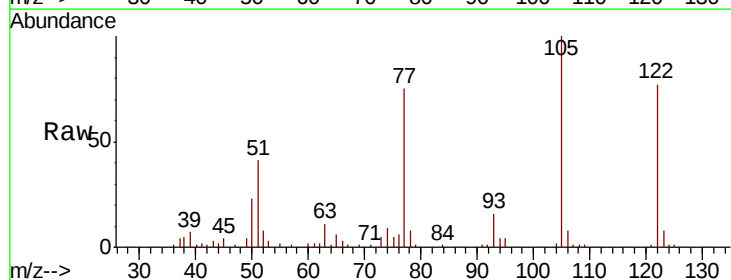
Tgt Ion:122 Resp: 92640

Ion Ratio Lower Upper

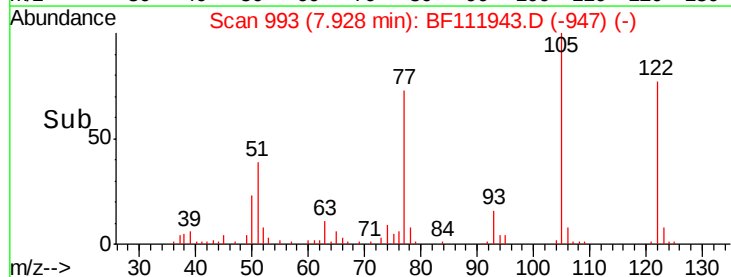
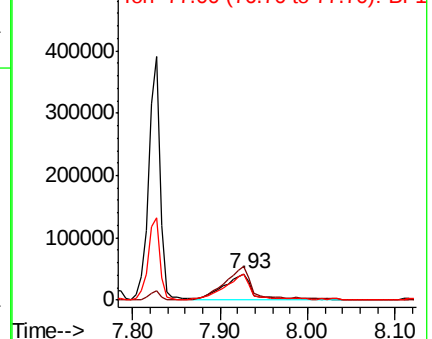
122 100

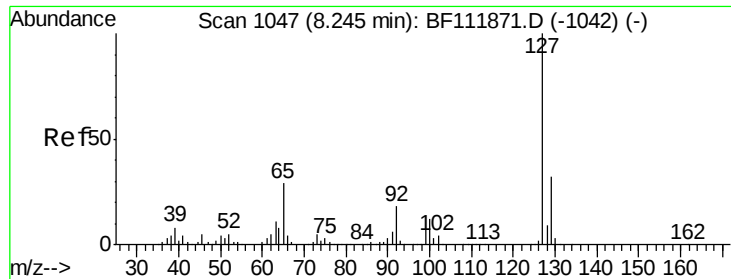
105 129.2 107.9 147.9

77 97.3 76.6 116.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





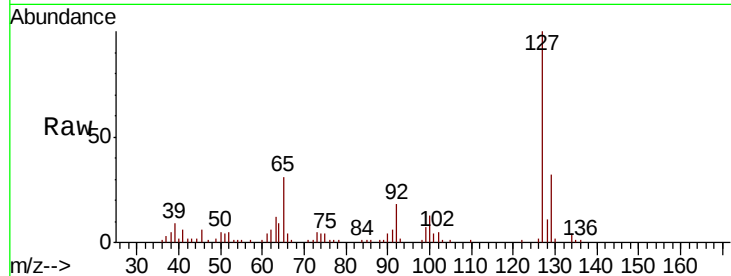
#33
4-Chloroaniline
Concen: 6.091 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampled :
TN-1419MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.8	38.6		
65	30.8	23.5	35.3		
92	18.2	14.2	21.2		

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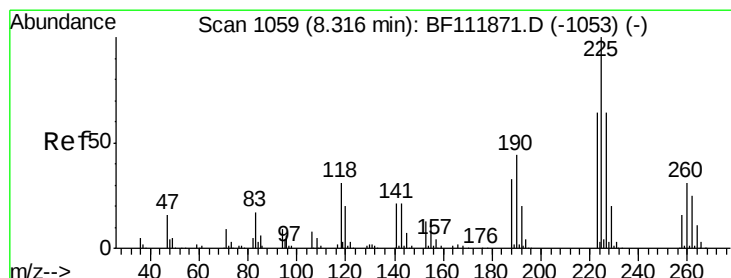
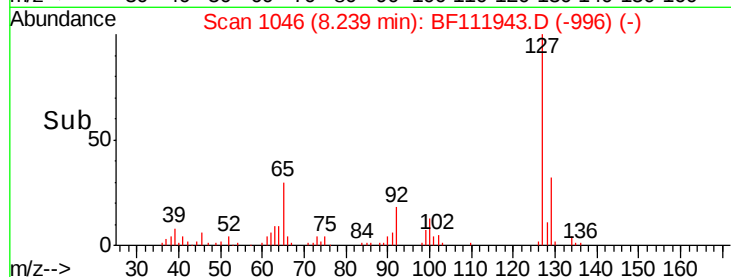
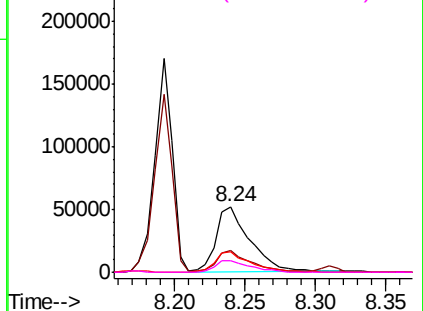
Abundance

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: 31.857 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

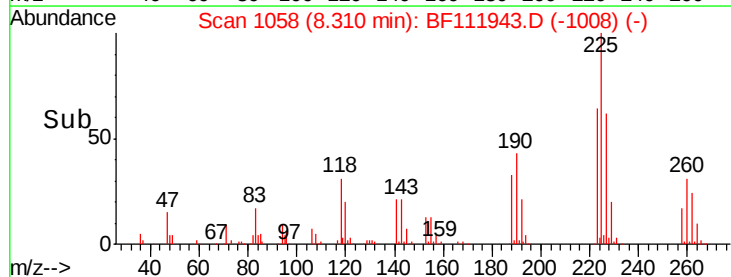
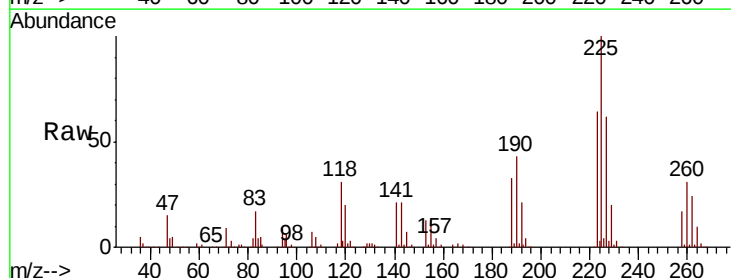
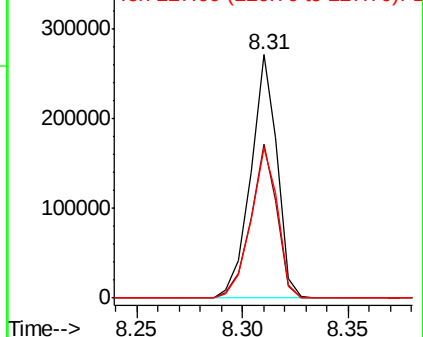
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.9	76.3		
227	61.9	51.4	77.0		

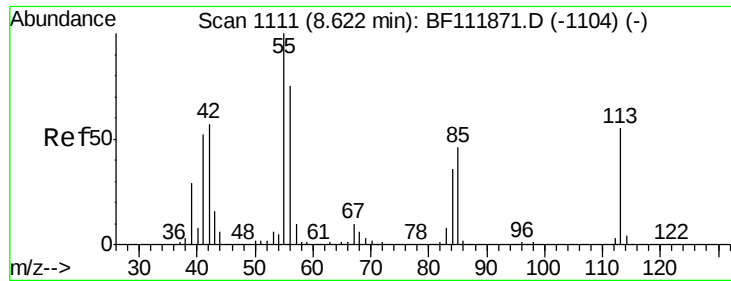
Abundance

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





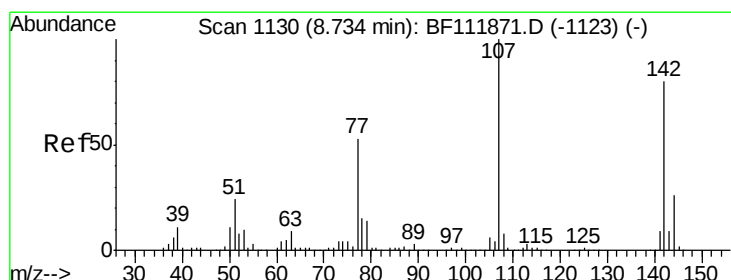
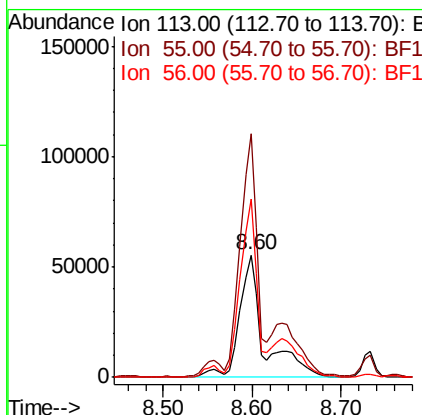
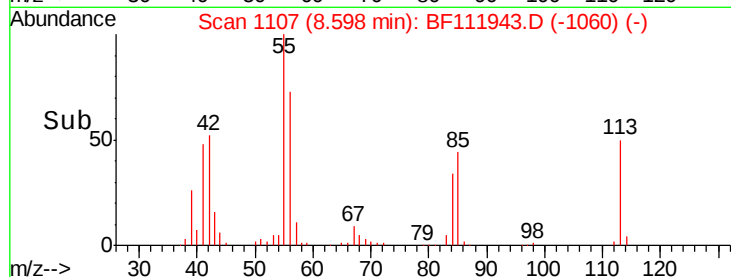
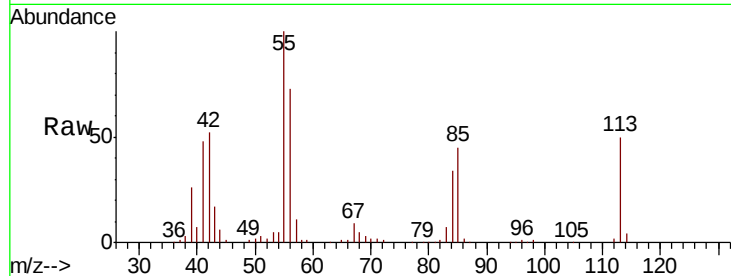
#35
Caprolactam
Concen: 29.817 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :
TN-1419MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	199.5	162.0	202.0	
56	146.0	116.0	156.0	

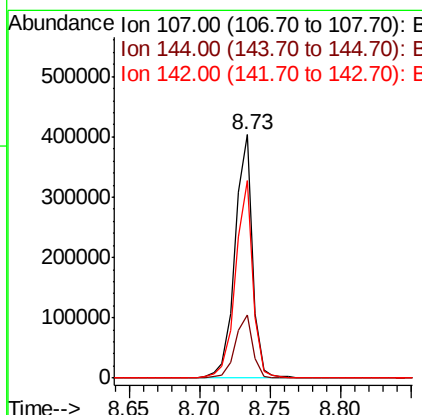
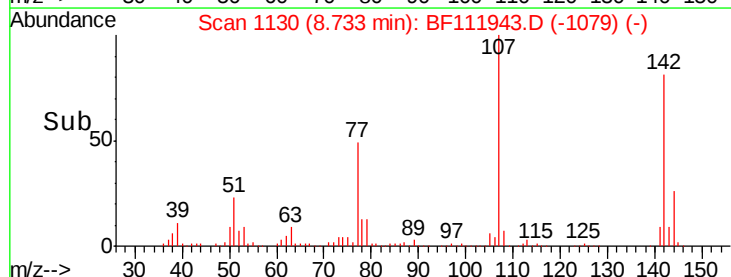
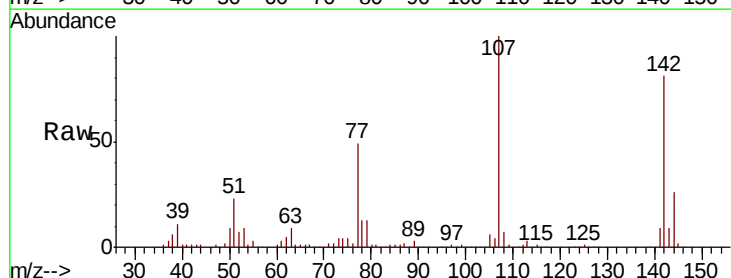
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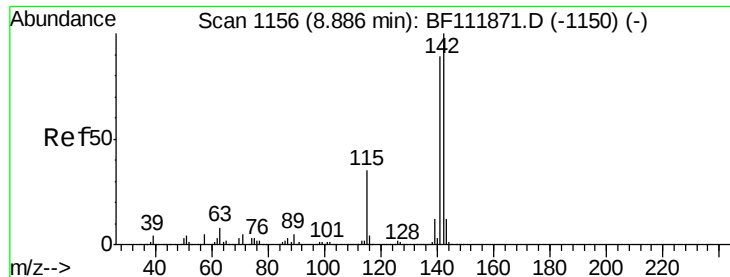
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#36
4-Chloro-3-methylphenol
Concen: 32.878 ng/ml
RT: 8.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.7	20.7	31.1	
142	81.1	63.9	95.9	





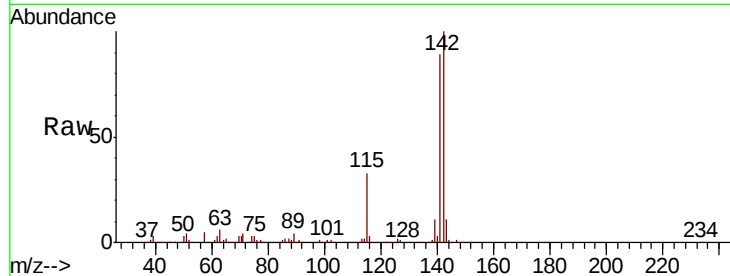
#37
2-Methylnaphthalene
Concen: 40.087 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :
TN-1419MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	33.3	28.3	42.5

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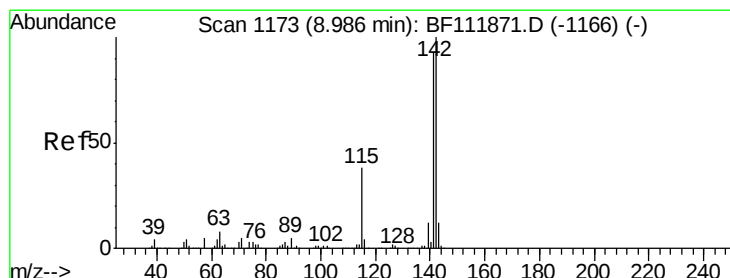
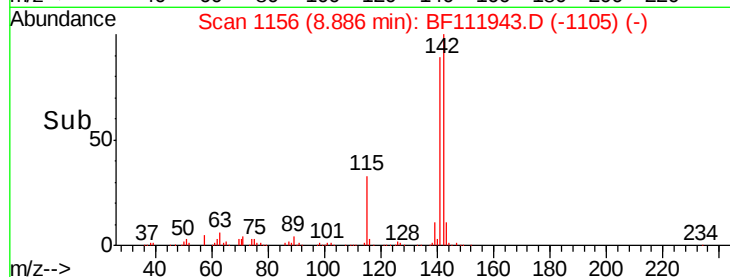
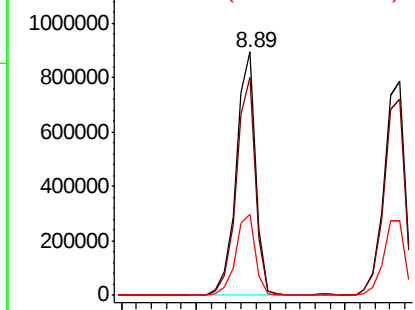


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.520 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

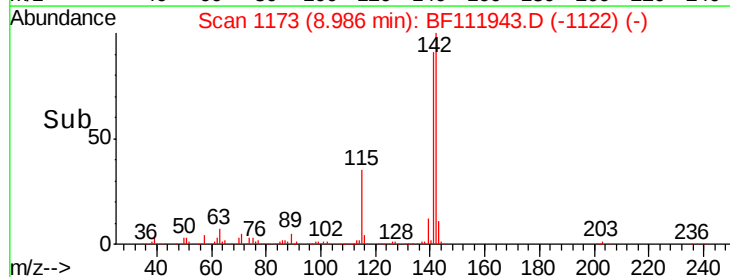
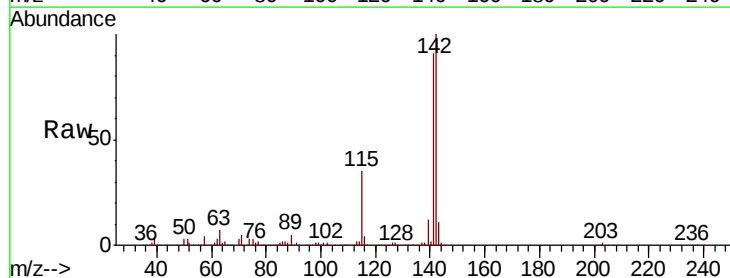
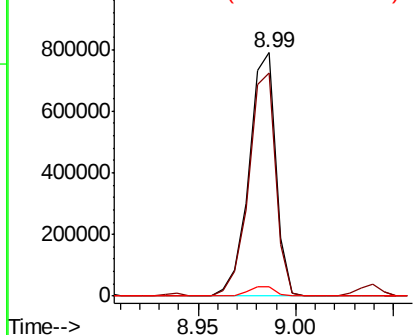
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.8	112.2
116	3.7	3.1	4.7

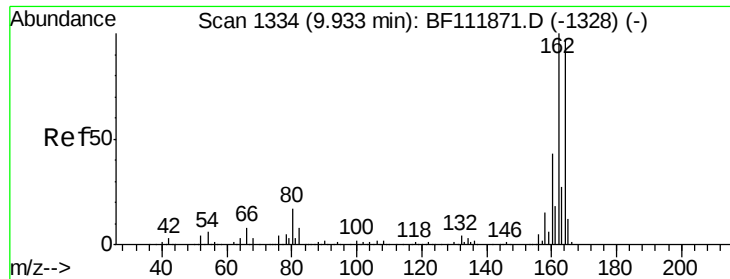
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





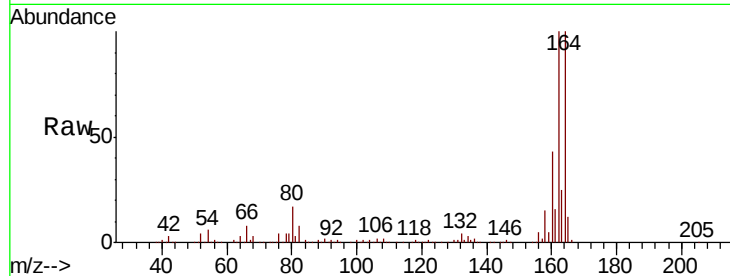
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :
TN-1419MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.6	82.2	123.2	
160	43.5	35.5	53.3	

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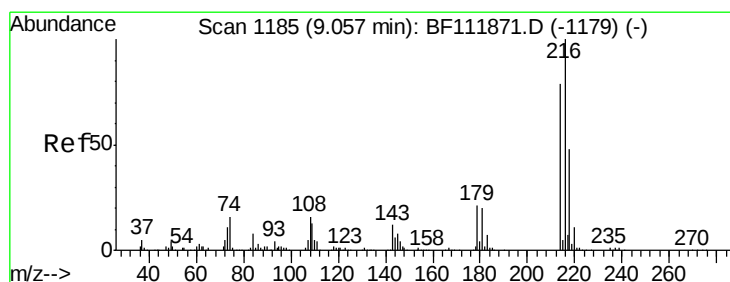
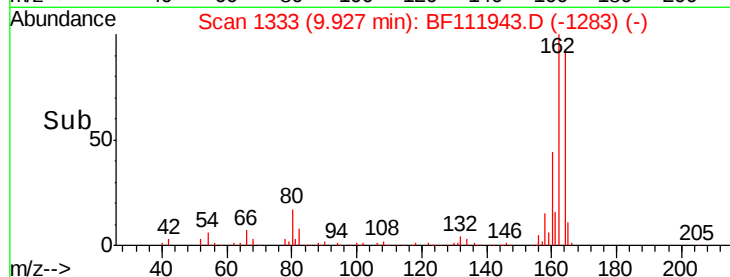
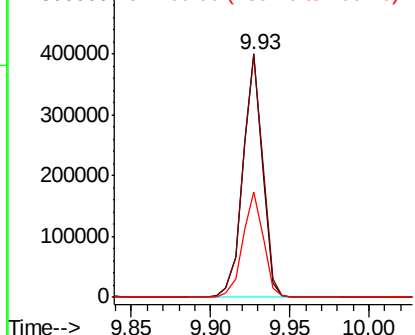


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.626 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.5	95.3	
179	21.3	17.0	25.6	
108	18.1	14.6	22.0	

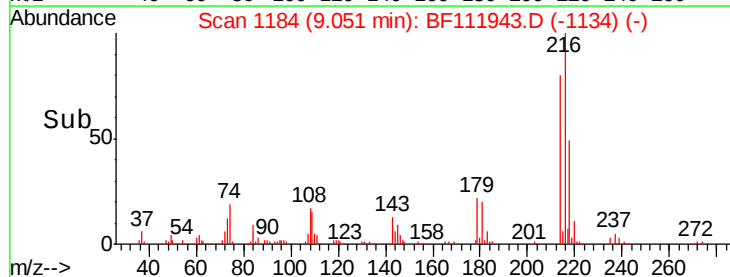
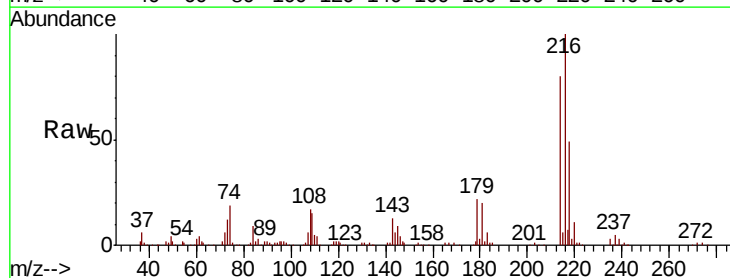
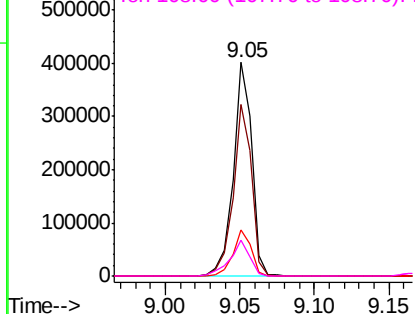
Abundance

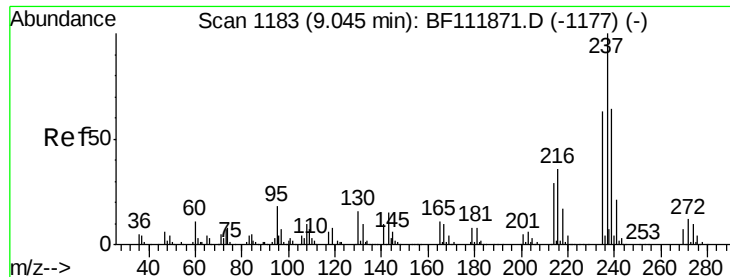
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.873 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

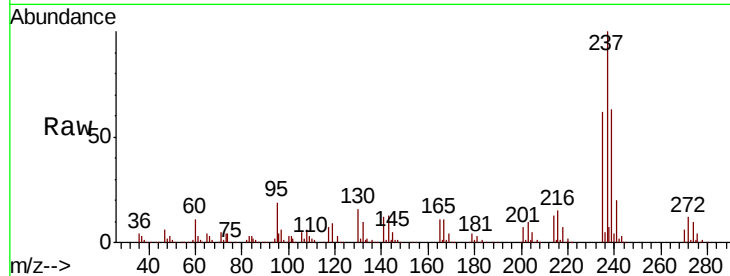
ClientSampleId :

TN-1419MS

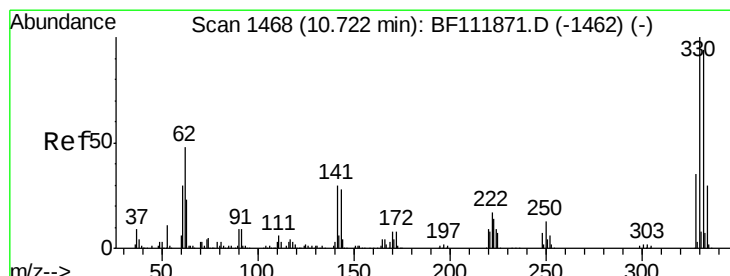
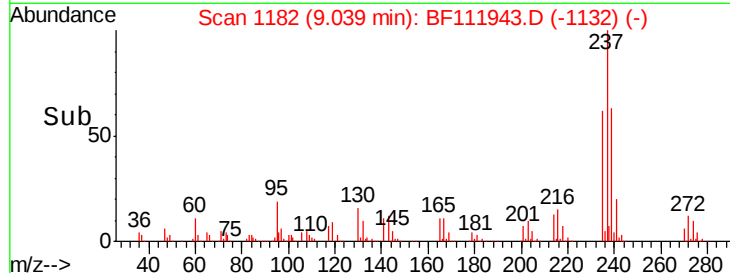
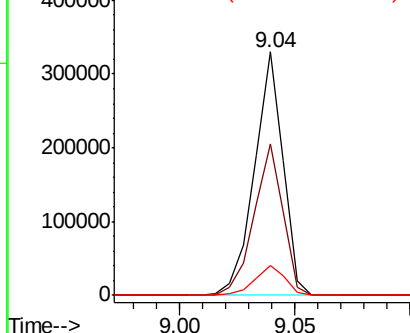
Tot Ion:	237	Resp:	285888
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.6	82.6
272	12.2	0.0	32.3

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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: 83.472 ng

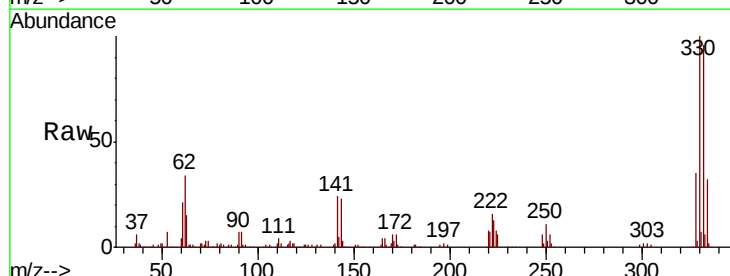
RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

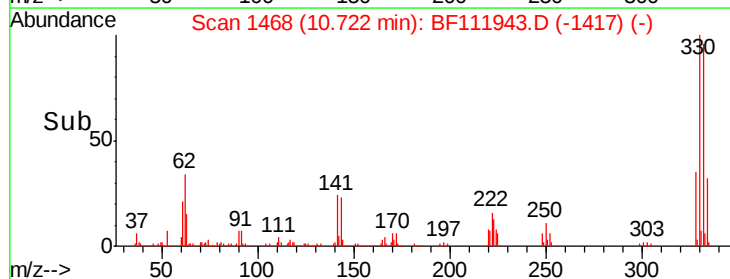
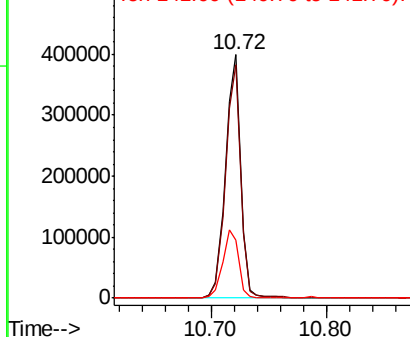
Lab File: BF111943.D

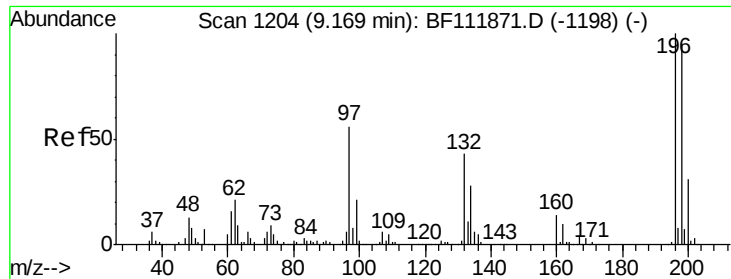
Acq: 9 Jan 2019 11:39

Tgt Ion:	330	Resp:	367075
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.9	115.3
141	29.2	23.7	35.5



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





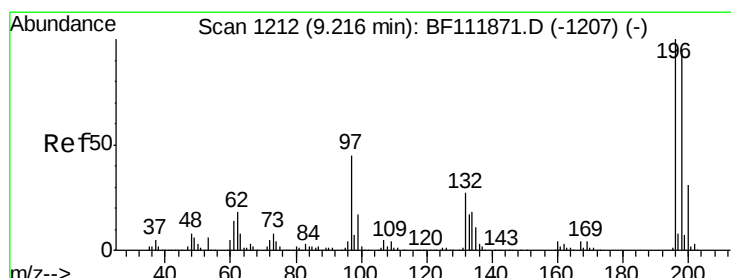
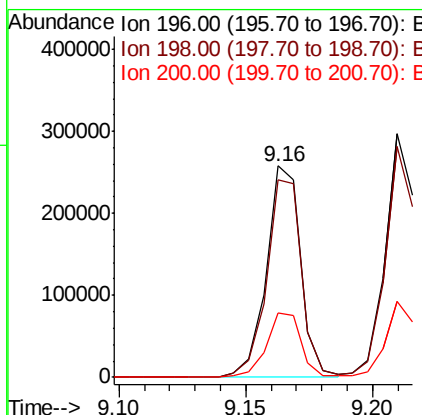
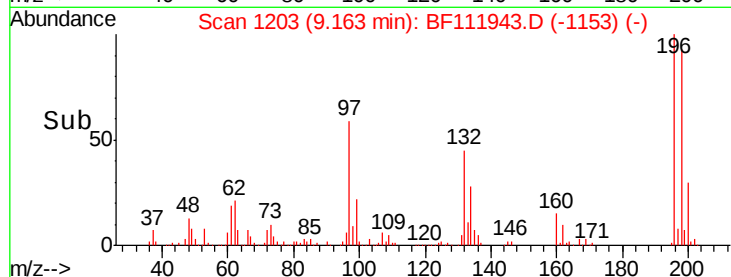
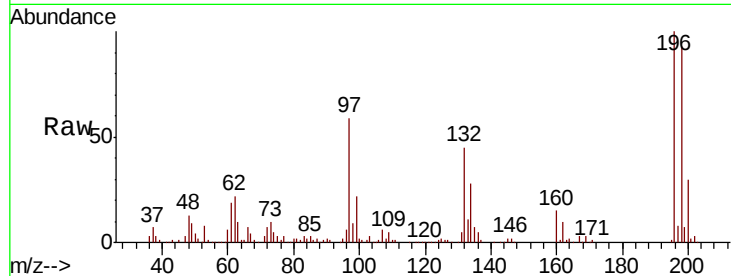
#43
 2,4,6-Trichlorophenol
 Concen: 33.616 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_F
 ClientSampled :
 TN-1419MS

Tot Ion:	196	Resp:	245762
Ion Ratio	Lower	Upper	
196	100		
198	93.2	75.8	113.8
200	30.2	24.5	36.7

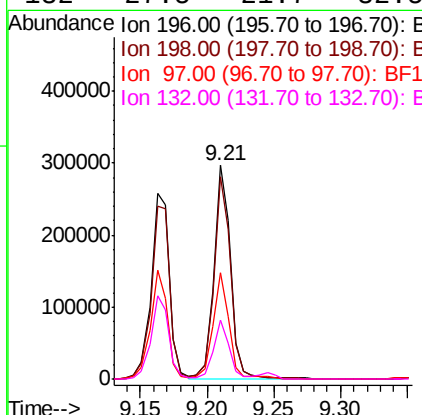
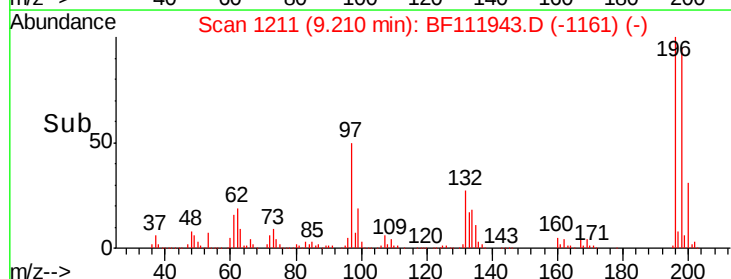
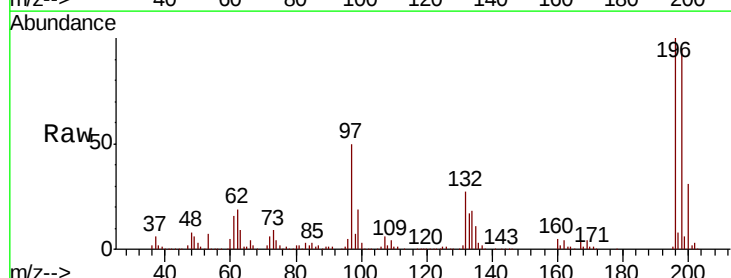
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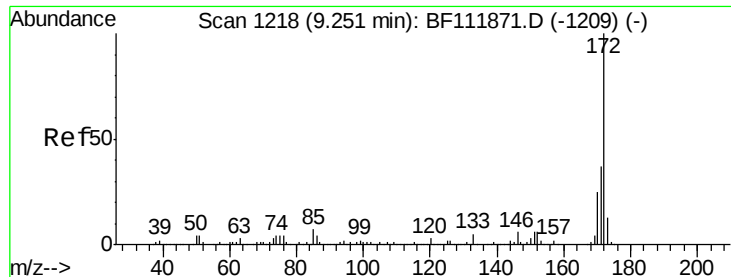
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#44
 2,4,5-Trichlorophenol
 Concen: 34.010 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Tgt Ion:	196	Resp:	260503
Ion Ratio	Lower	Upper	
196	100		
198	94.8	76.2	114.2
97	49.7	36.4	54.6
132	27.5	21.7	32.5





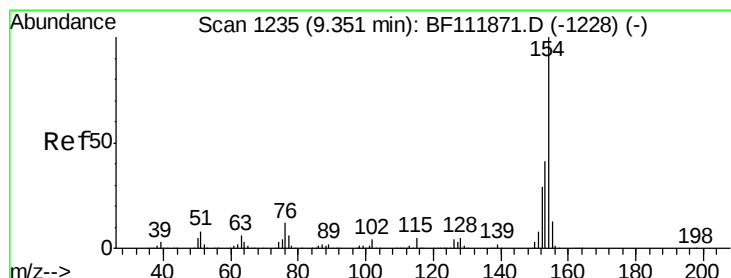
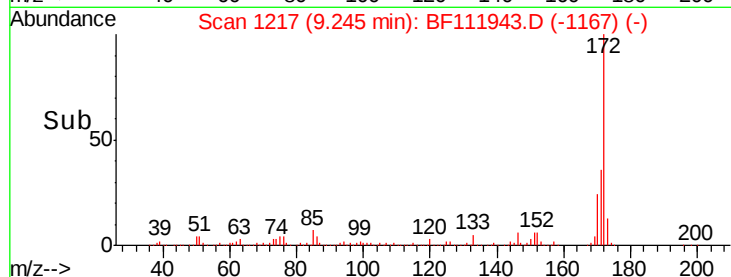
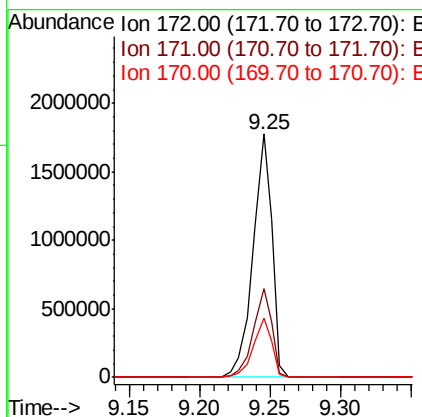
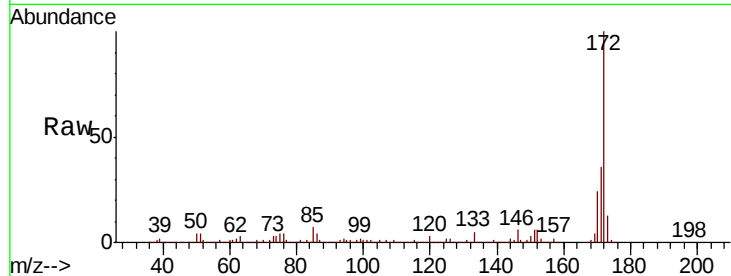
#45
2-Fluorobiphenyl
Concen: 72.453 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :
TN-1419MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.3	19.8	29.8

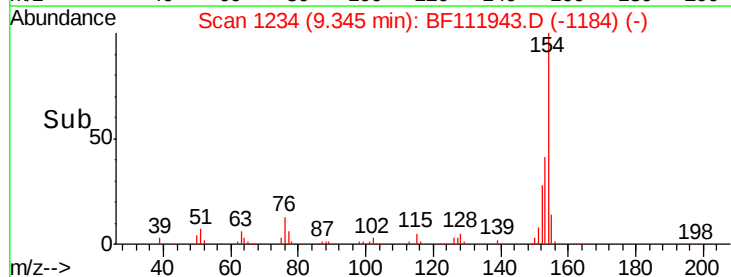
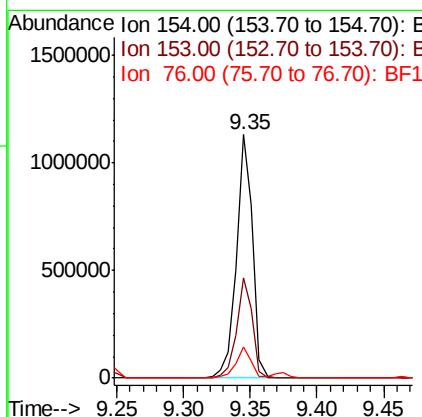
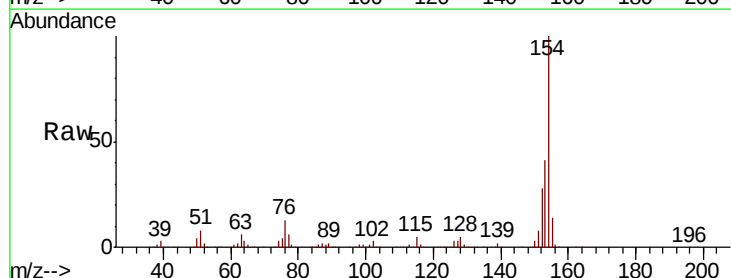
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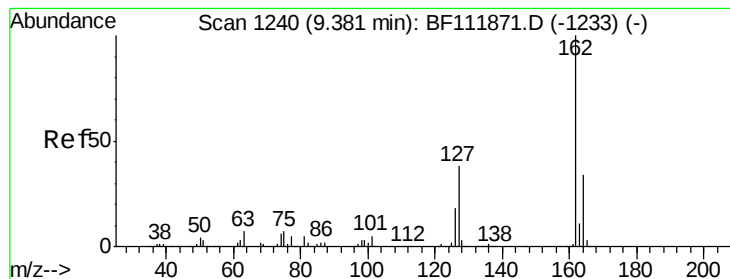
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#46
1,1'-Biphenyl
Concen: 33.791 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	12.7	0.0	32.3





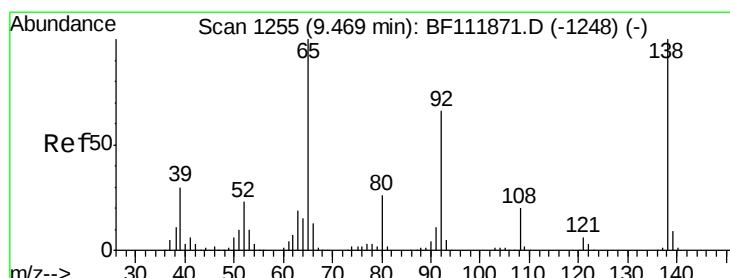
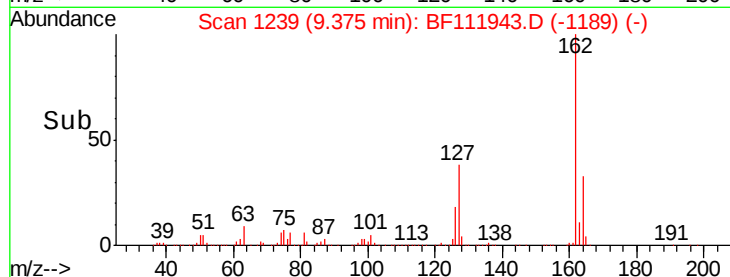
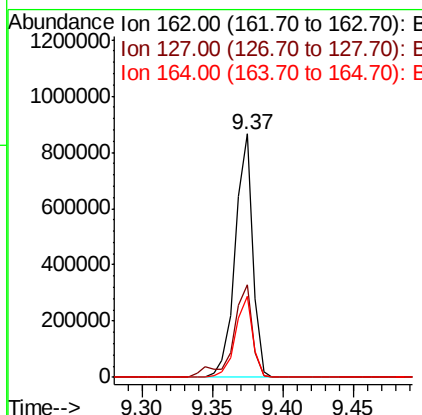
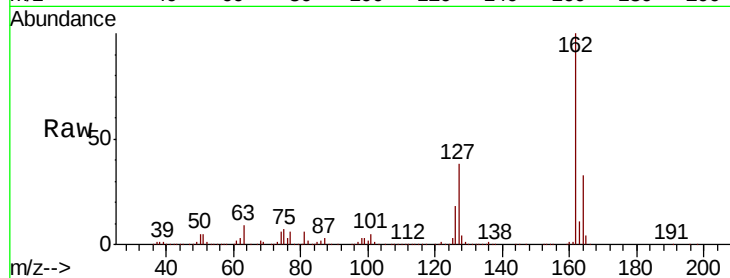
#47
 2-Chloronaphthalene
 Concen: 33.549 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_F
 ClientSampleId :
 TN-1419MS

Tot Ion:	162	Resp:	744648
Ion Ratio	Lower	Upper	
162	100		
127	38.1	31.2	46.8
164	33.4	27.0	40.6

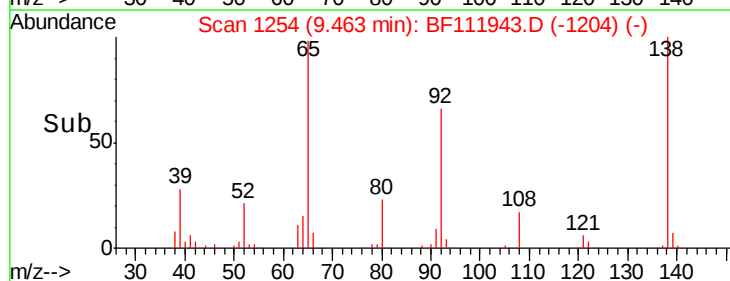
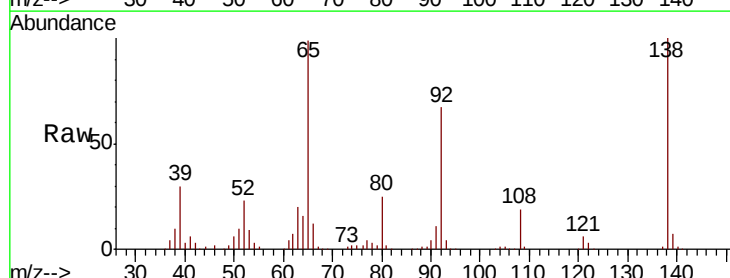
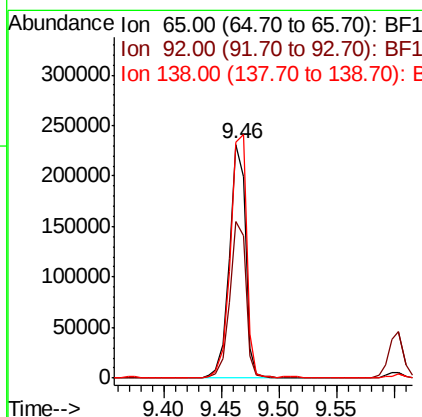
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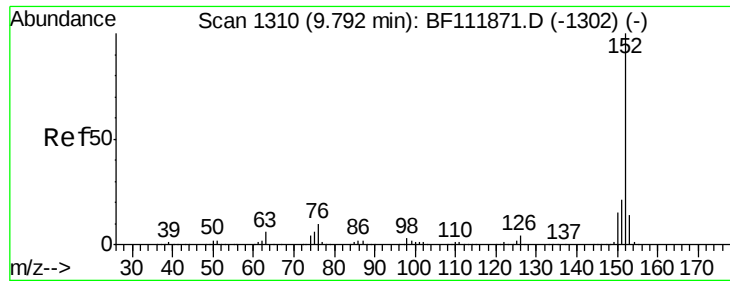
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#48
 2-Nitroaniline
 Concen: 32.957 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Tgt Ion:	65	Resp:	223648
Ion Ratio	Lower	Upper	
65	100		
92	67.3	52.5	78.7
138	101.2	79.8	119.6





#49

Acenaphthylene

Concen: 34.968 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

TN-1419MS

Tot Ion:152 Resp: 1147490

Ion Ratio Lower Upper

152 100

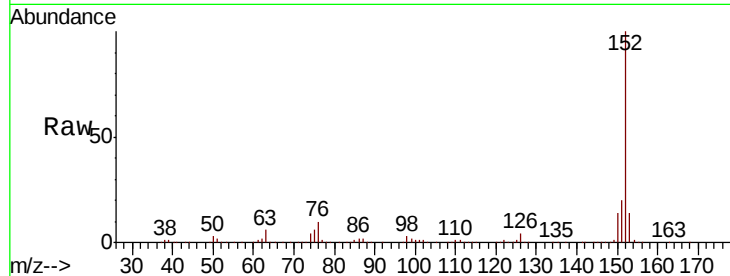
151 20.3 16.6 25.0

153 13.6 11.0 16.4

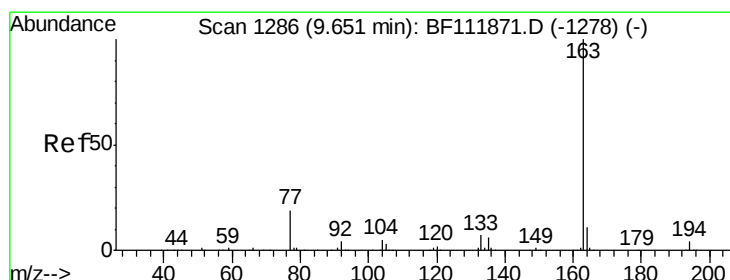
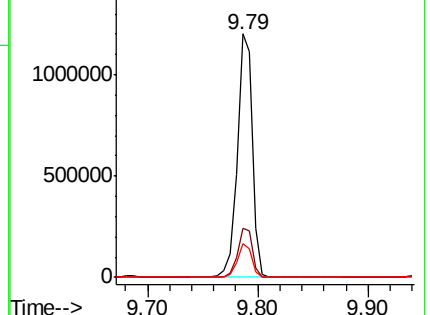
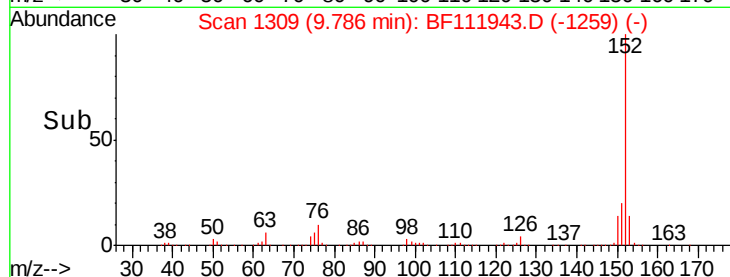
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.178 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

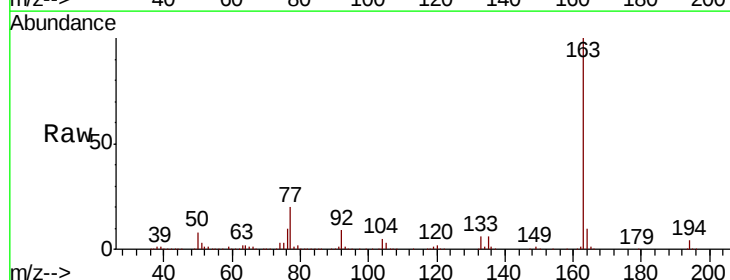
Tgt Ion:163 Resp: 918845

Ion Ratio Lower Upper

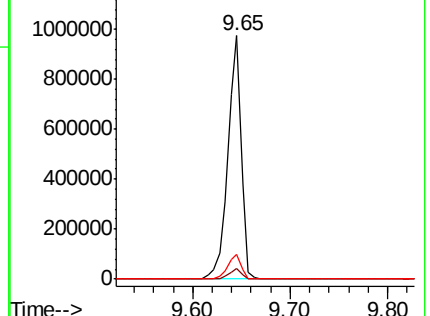
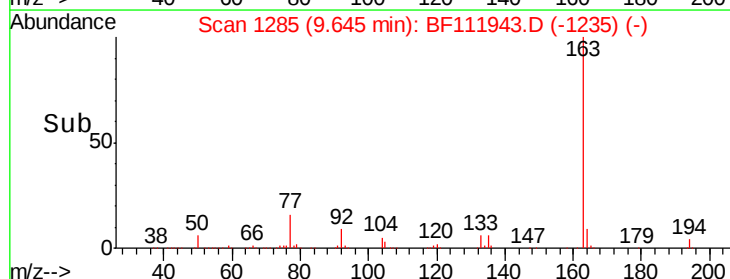
163 100

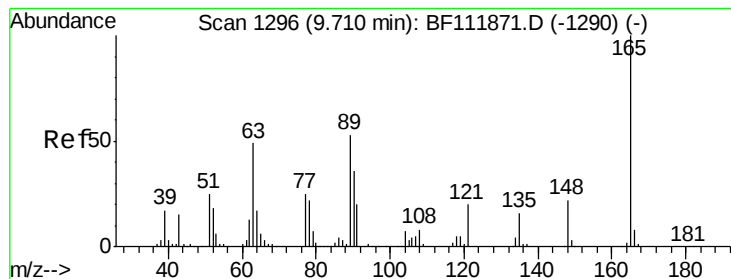
194 4.3 3.4 5.2

164 9.9 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 33.256 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

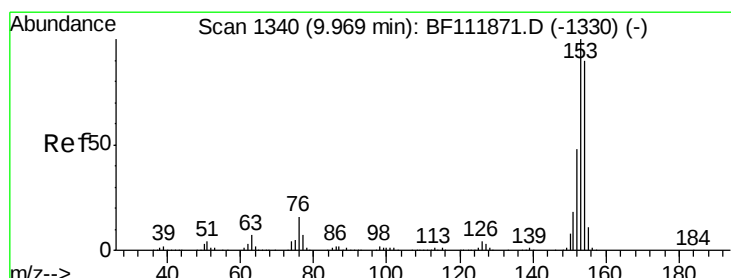
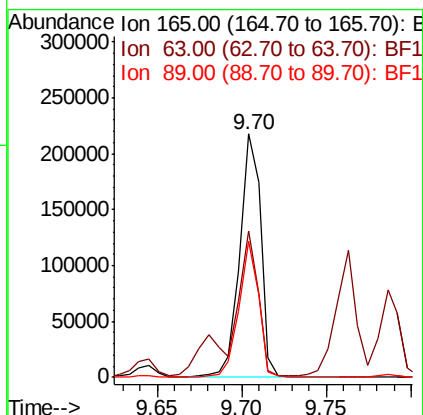
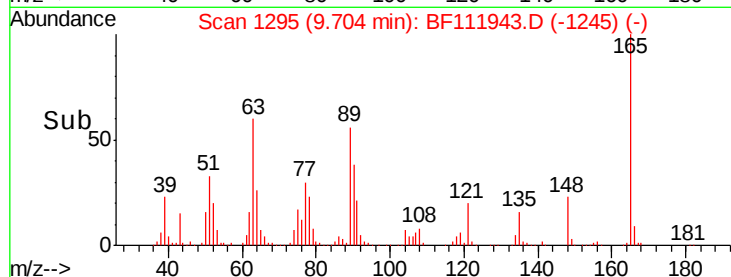
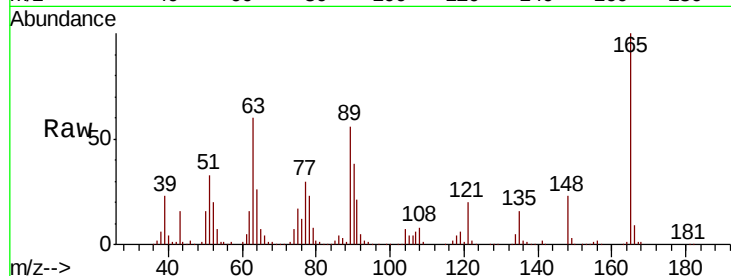
ClientSampled :

TN-1419MS

Tot Ion:	165	Resp:	188881
Ion Ratio	Lower	Upper	
165	100		
63	60.1	46.2	69.2
89	56.1	42.2	63.2

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#52

Acenaphthene

Concen: 30.698 ng

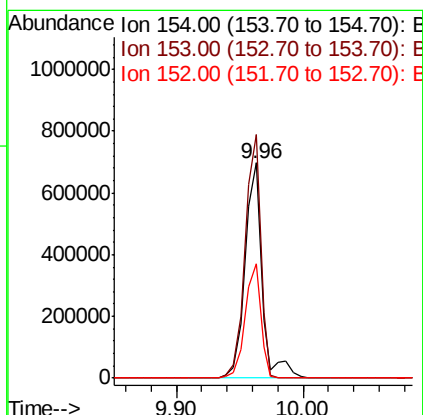
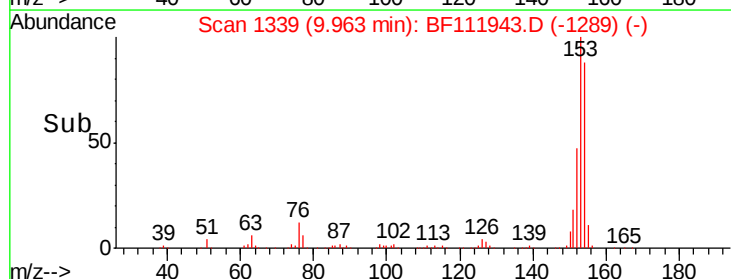
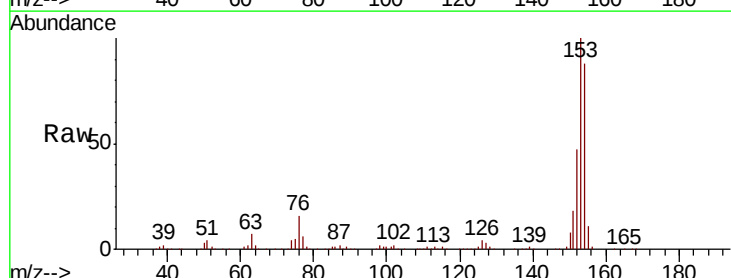
RT: 9.96 min Scan# 1339

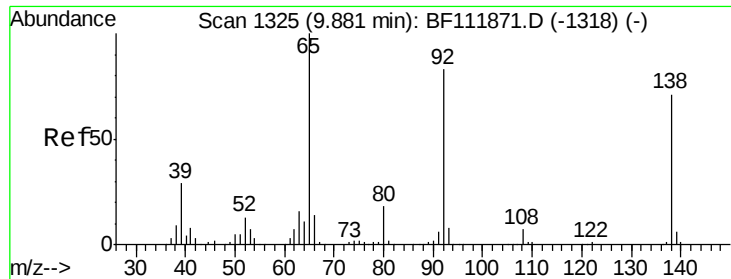
Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Tgt Ion:	154	Resp:	649423
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.4	134.0
152	53.3	43.1	64.7





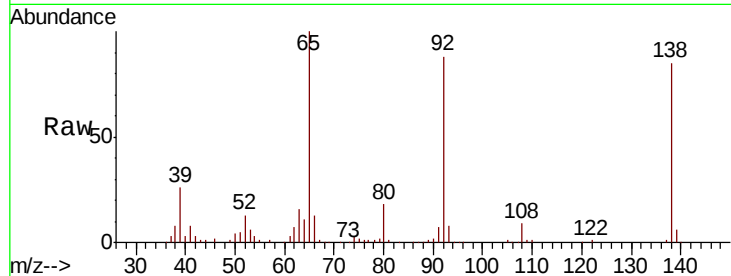
#53
3-Nitroaniline
Concen: 15.157 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampled :
TN-1419MS

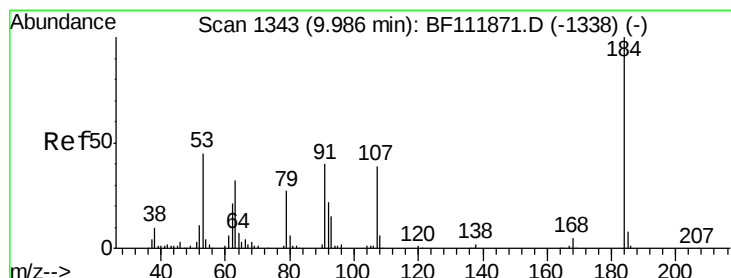
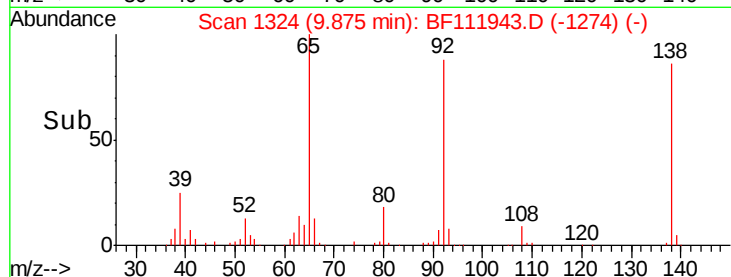
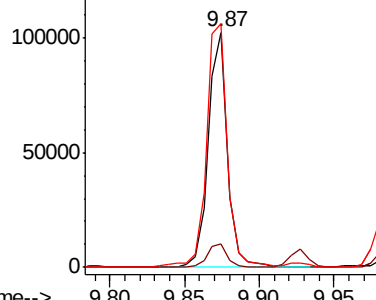
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.2	12.4
92	103.7	93.5	140.3

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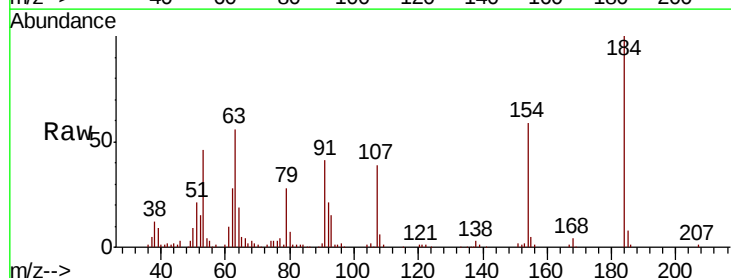


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

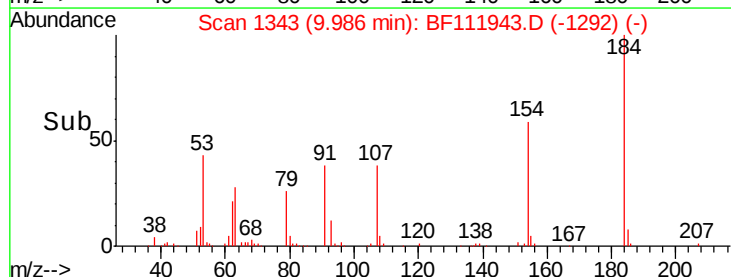
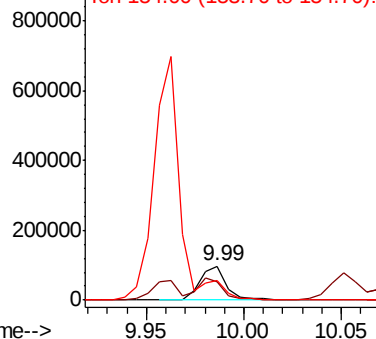


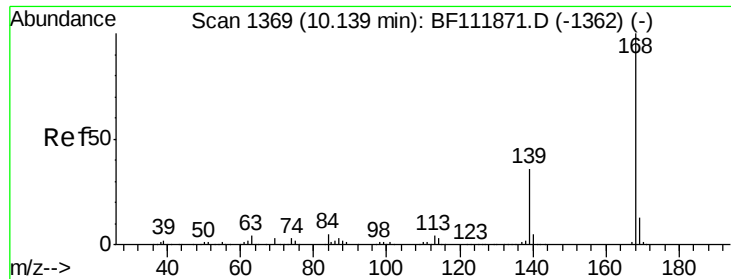
#54
2,4-Dinitrophenol
Concen: 38.217 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.0	46.9	70.3
154	58.6	46.9	70.3



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





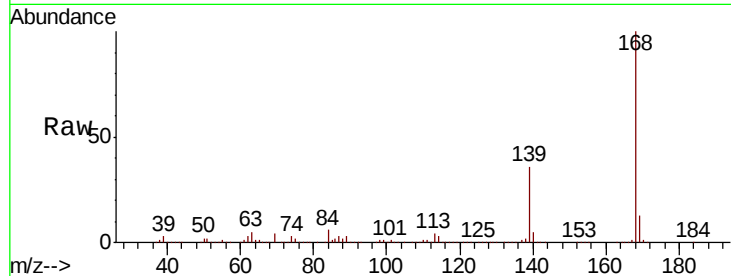
#55
Dibenzenofuran
Concen: 30.662 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampled :
TN-1419MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.3	43.9
169	13.2	10.6	16.0

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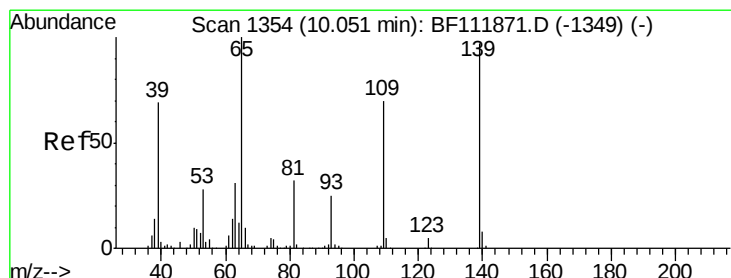
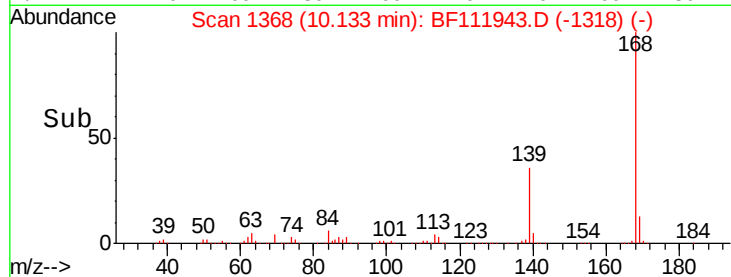
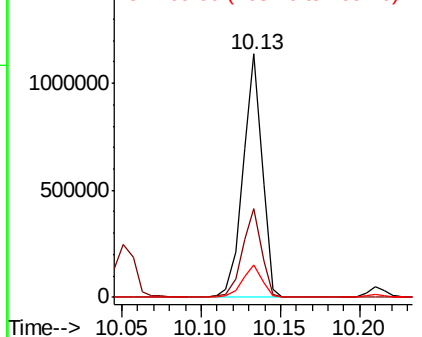


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 55.463 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

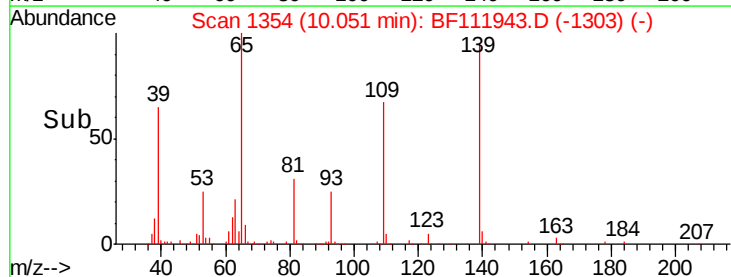
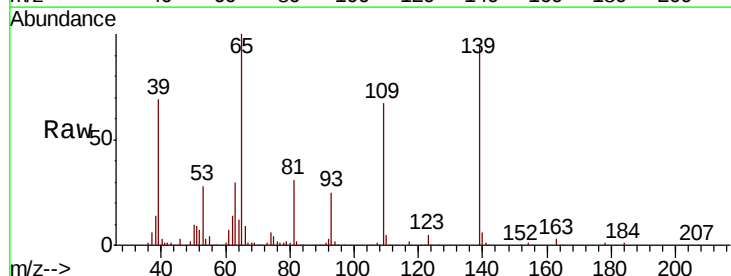
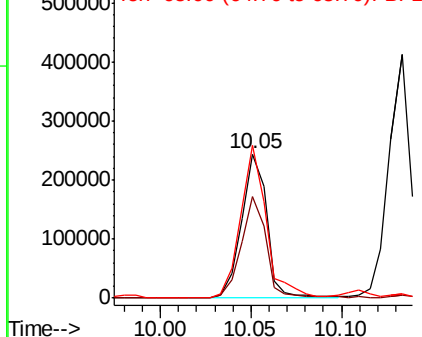
Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.2	52.2	92.2
65	105.5	83.1	123.1

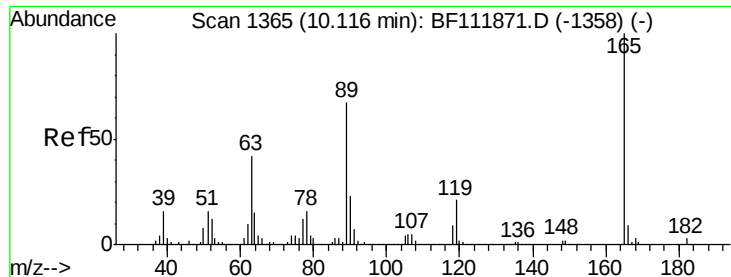
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 30.846 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

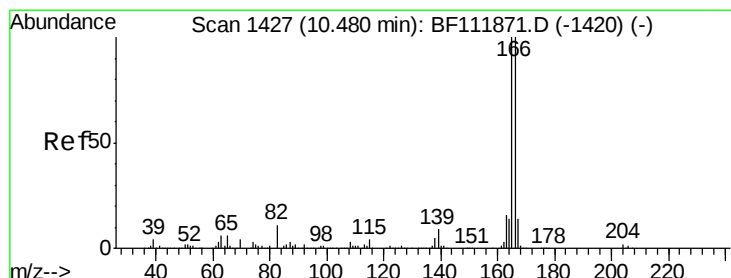
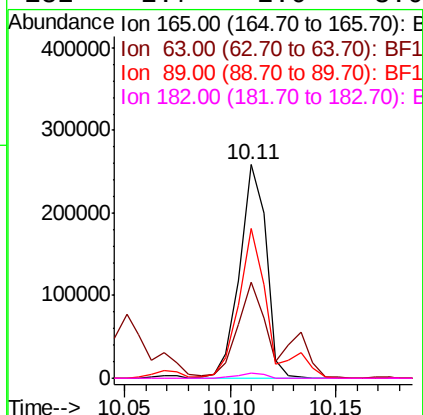
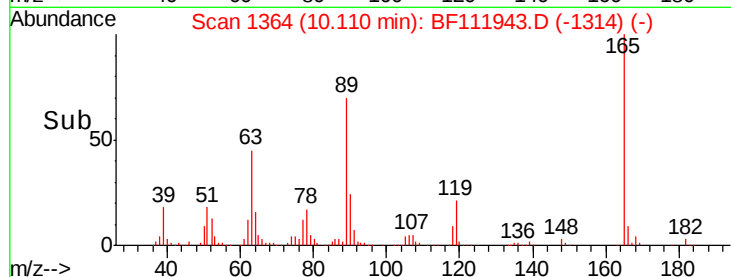
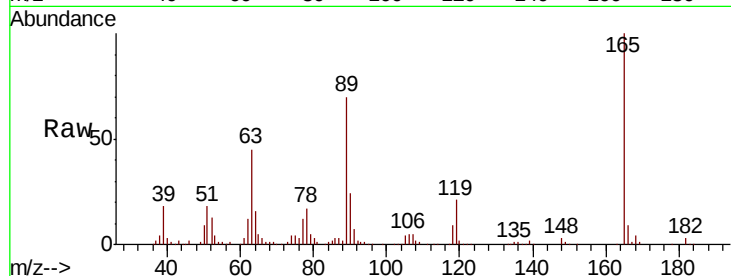
ClientSampleId :

TN-1419MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.1	34.1	51.1
89	69.9	53.5	80.3
182	2.7	2.0	3.0

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#58

Fluorene

Concen: 34.579 ng

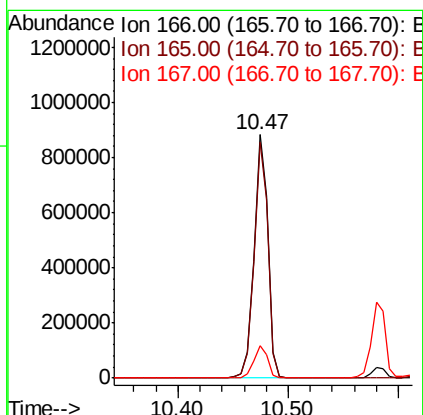
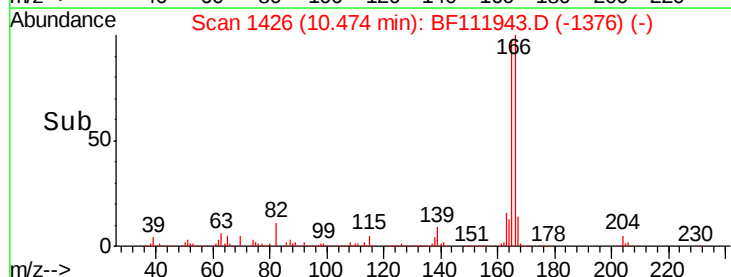
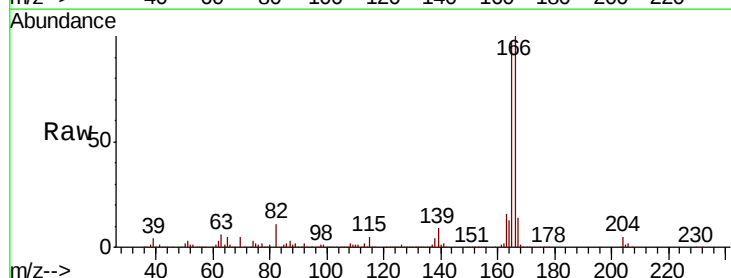
RT: 10.47 min Scan# 1426

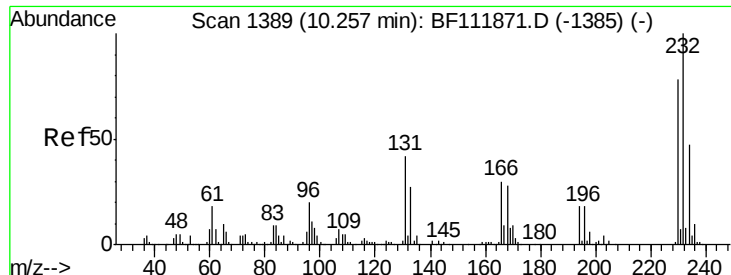
Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.7	119.5
167	13.6	11.1	16.7





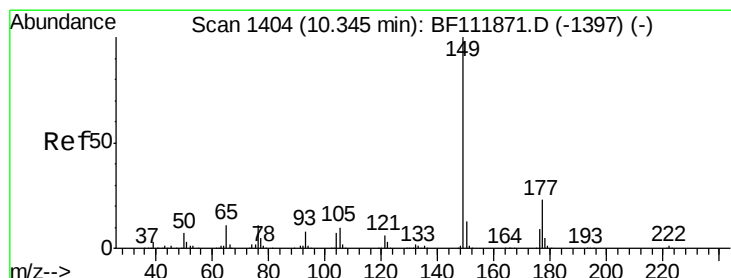
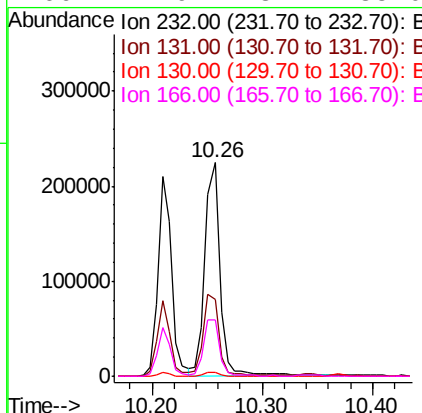
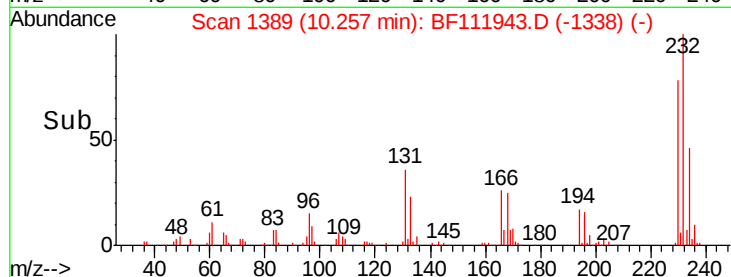
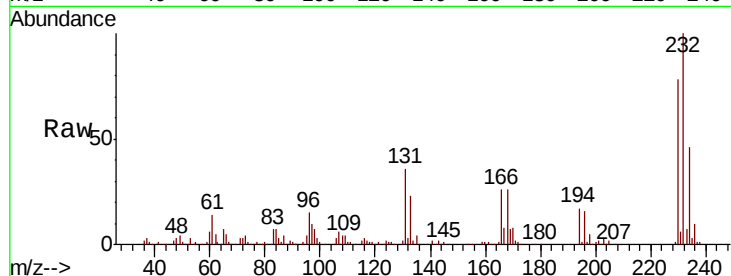
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.956 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_F
 ClientSampleId :
 TN-1419MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	206235		
131	39.7		34.0	51.0
130	1.9		1.6	2.4
166	27.9		23.4	35.0

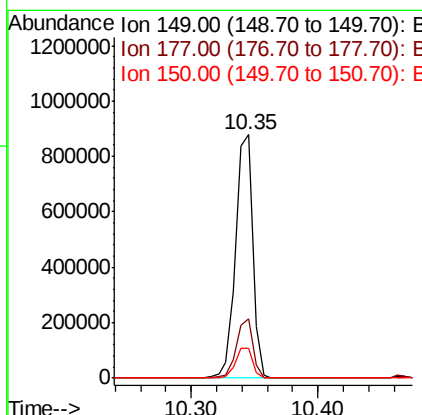
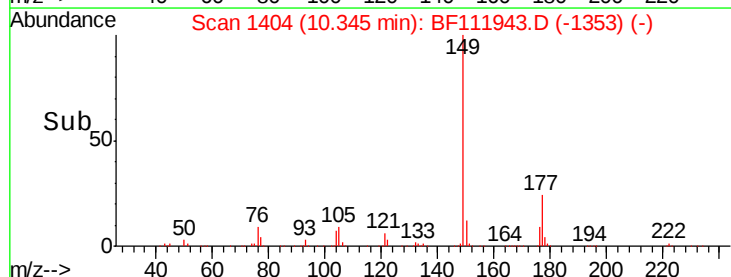
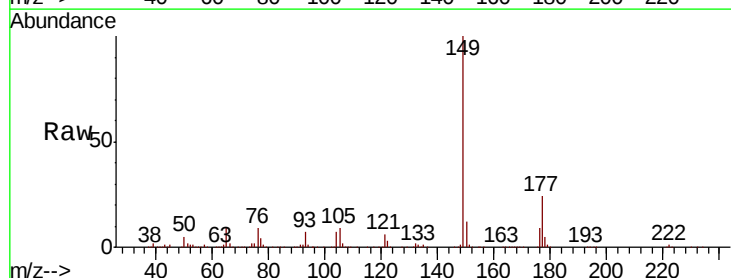
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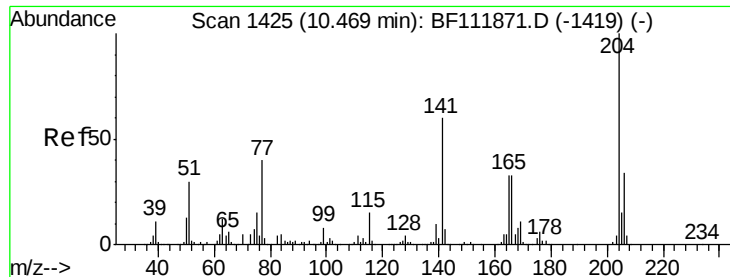
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#60
 Diethylphthalate
 Concen: 33.193 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	815851		
177	24.3		18.3	27.5
150	12.3		10.2	15.4





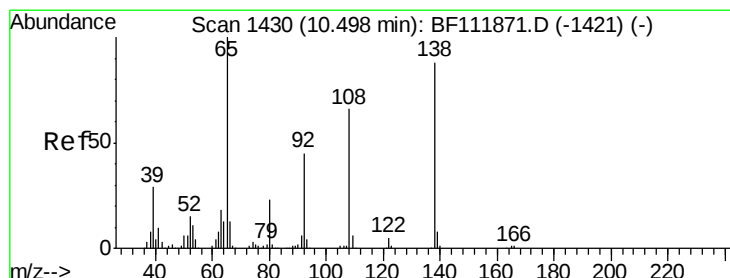
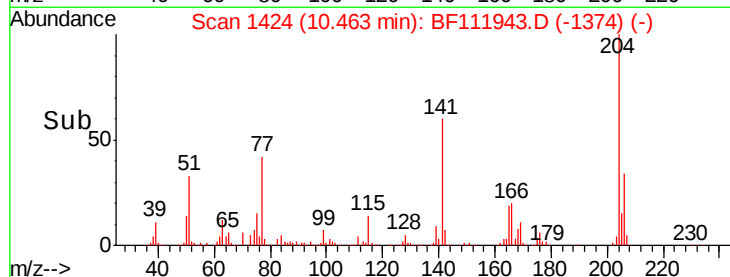
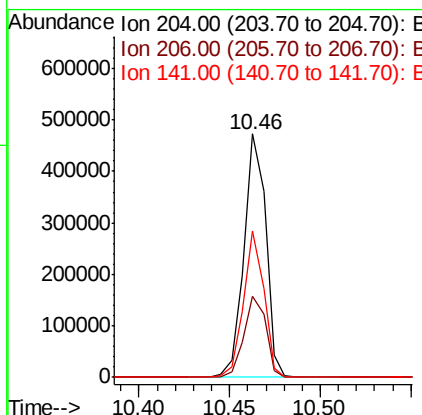
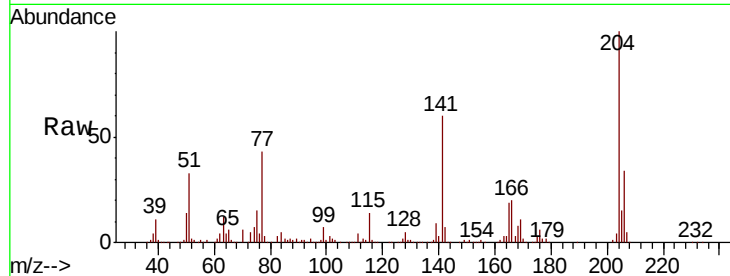
#61
4-Chlorophenyl-phenylether
Concen: 31.421 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :
TN-1419MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.9	40.3
141	60.3	47.9	71.9

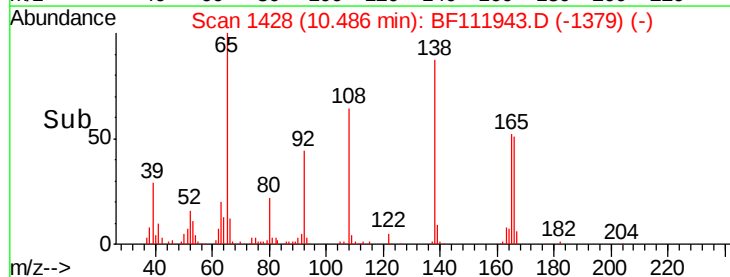
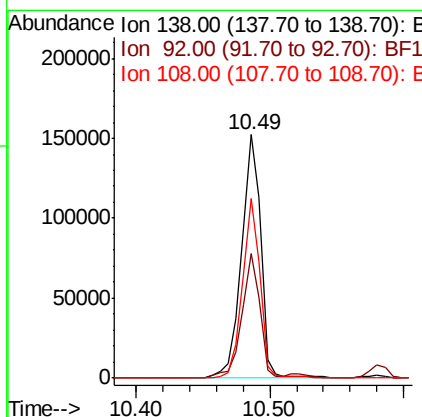
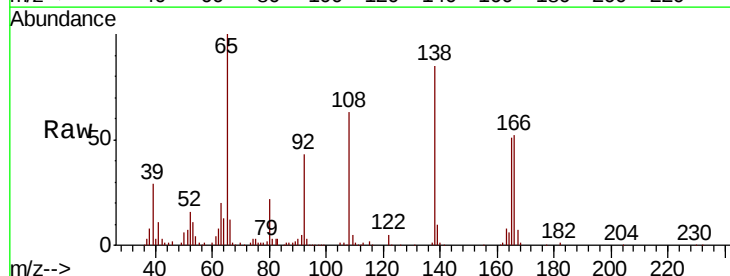
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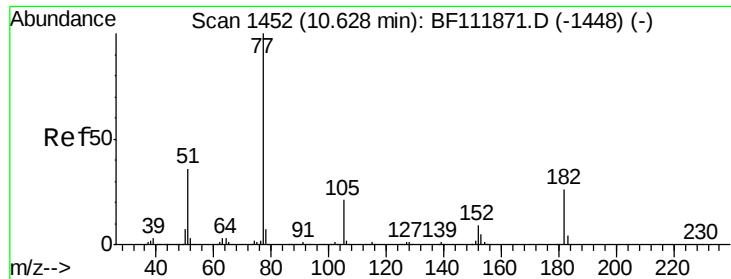
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#62
4-Nitroaniline
Concen: 26.467 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.0	71.0
108	73.8	54.7	94.7





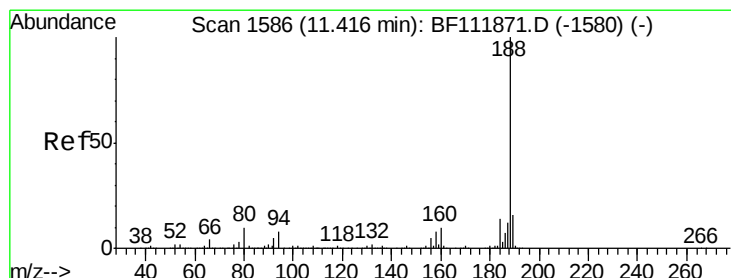
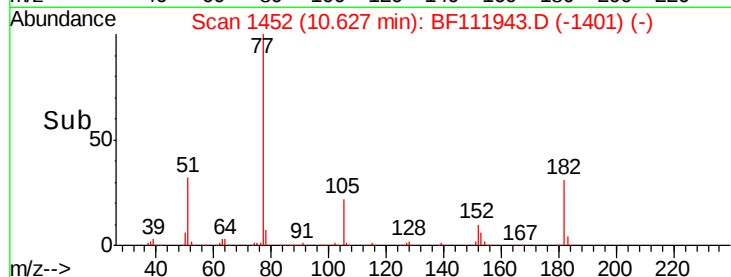
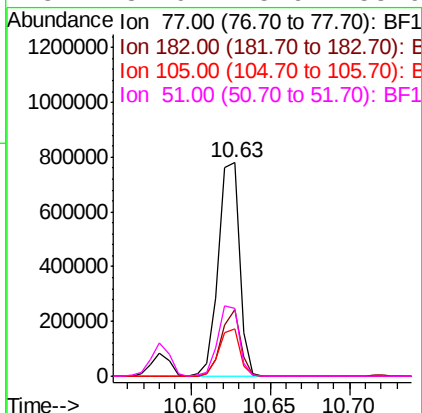
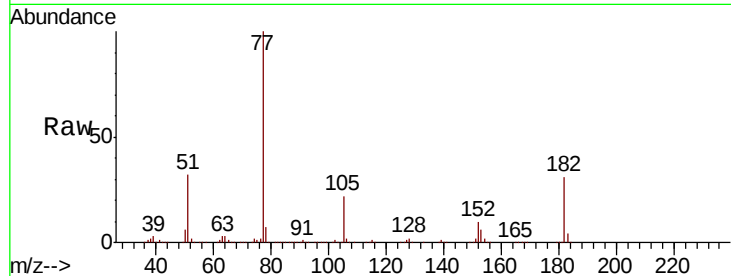
#63
Azobenzene
Concen: 30.852 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :
TN-1419MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.1	5.7	45.7	
105	22.3	0.8	40.8	
51	31.9	15.6	55.6	

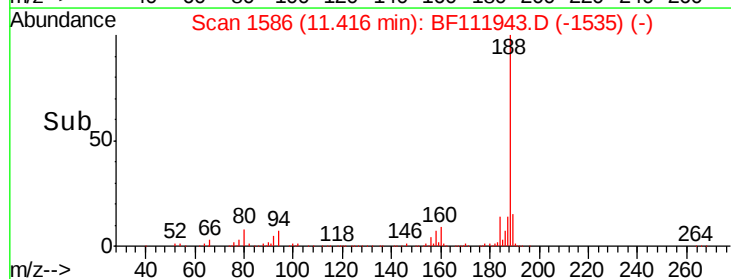
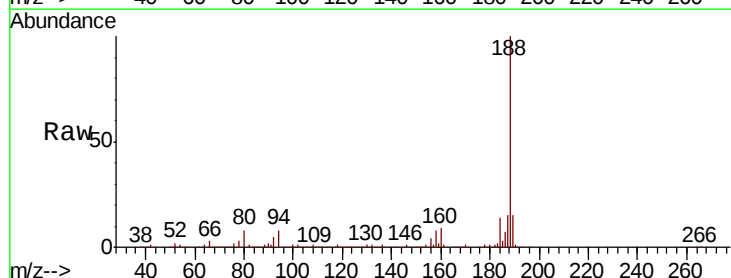
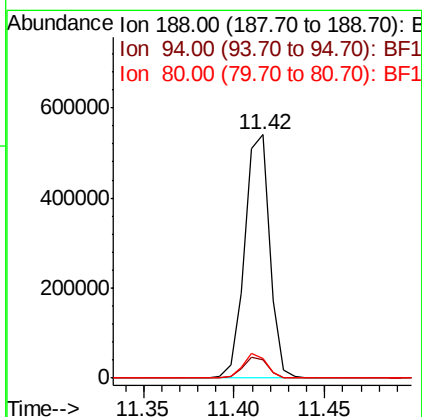
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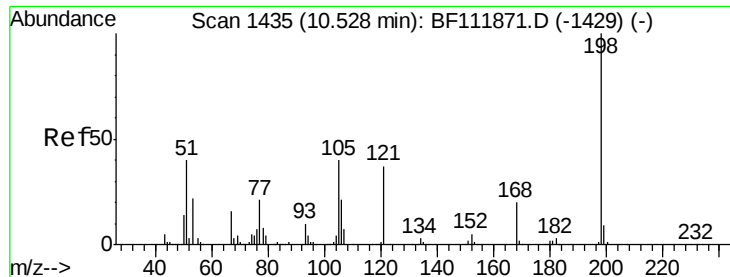
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.7	6.6	10.0	
80	8.1	7.7	11.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 24.557 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

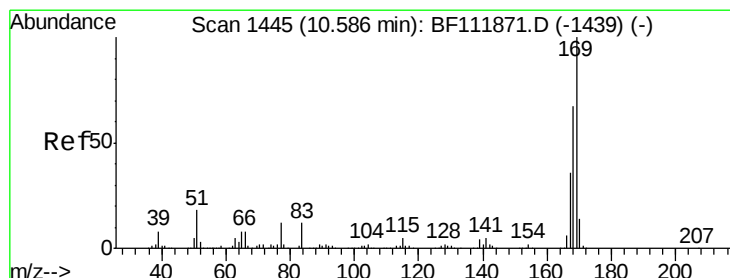
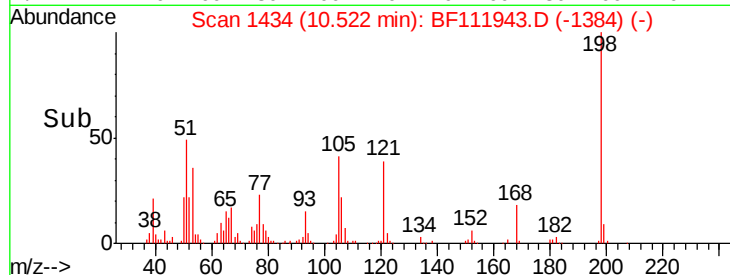
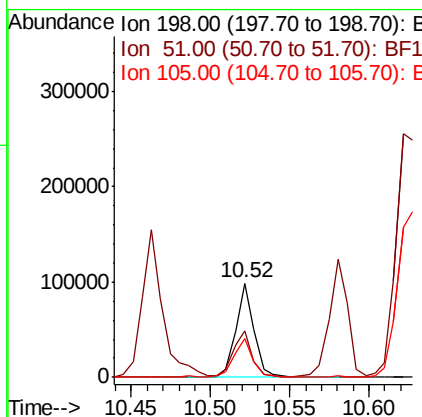
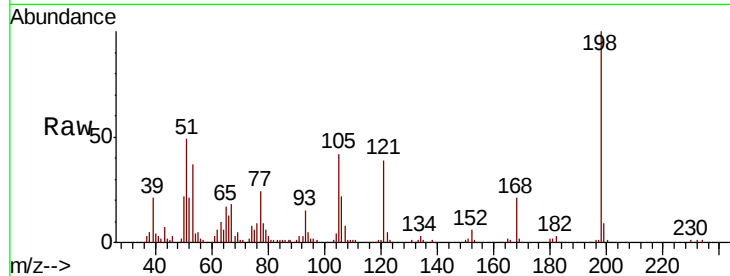
ClientSampleId :

TN-1419MS

Tot Ion:	198	Resp:	78625
Ion Ratio	Lower	Upper	
198	100		
51	48.9	27.2	67.2
105	41.6	21.0	61.0

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#66

n-Nitrosodiphenylamine

Concen: 38.561 ng

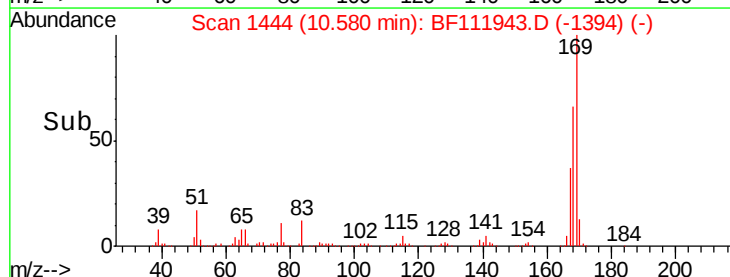
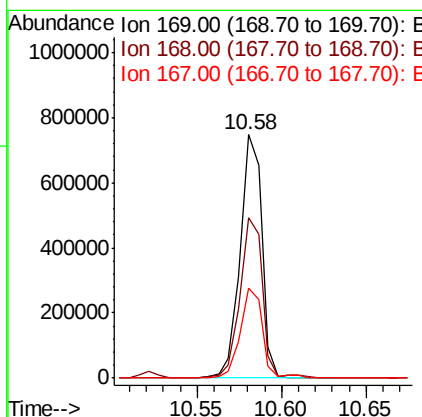
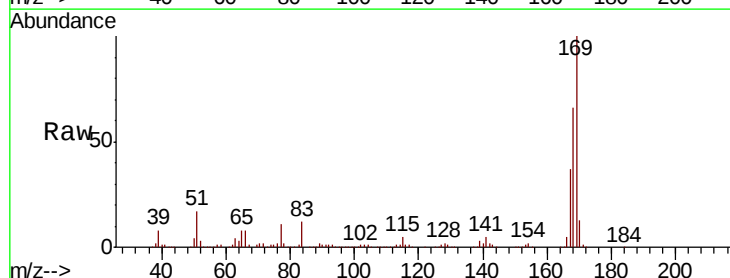
RT: 10.58 min Scan# 1444

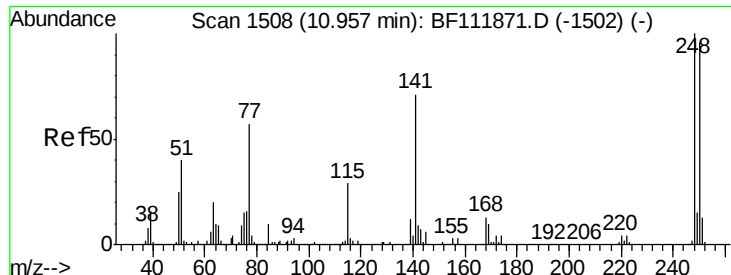
Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Tgt Ion:	169	Resp:	671455
Ion Ratio	Lower	Upper	
169	100		
168	65.7	53.8	80.6
167	36.8	29.1	43.7





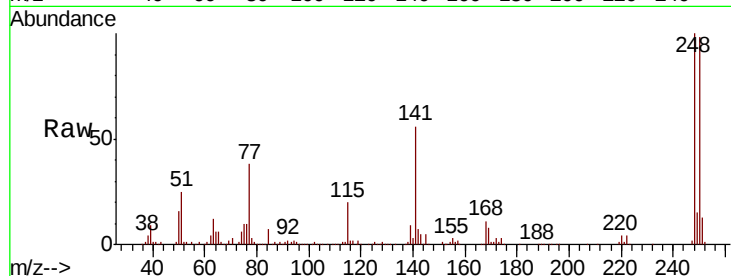
#67
4-Bromophenyl-phenylether
Concen: 33.415 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :
TN-1419MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.8	115.2
141	55.7	57.0	85.6

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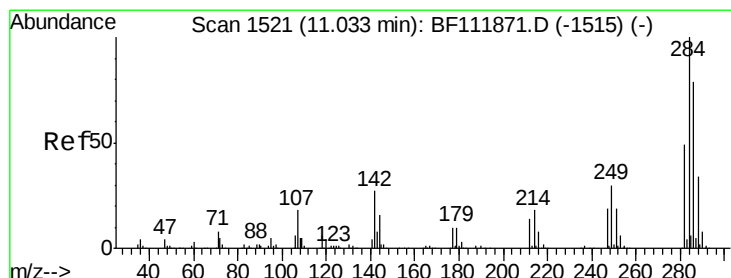
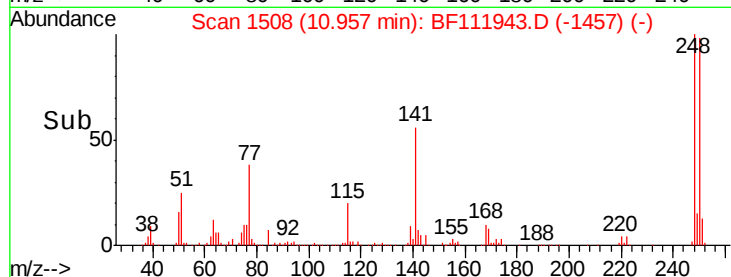
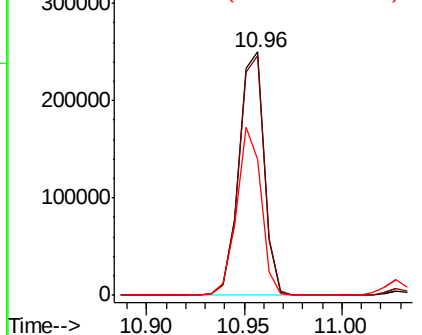


Abundance

Ion 248.00 (247.70 to 248.70): E

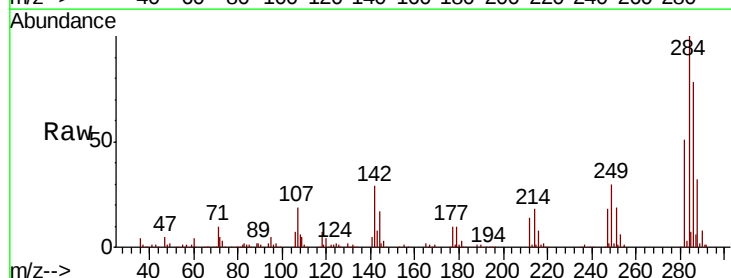
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 33.827 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	21.8	32.6
249	29.9	23.8	35.6

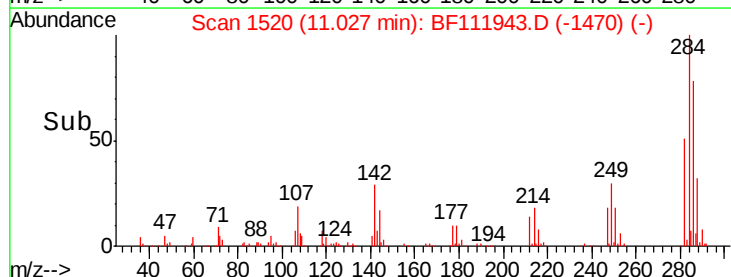
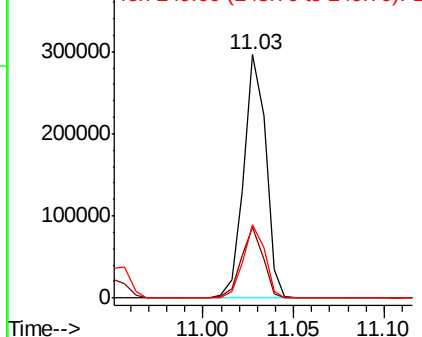


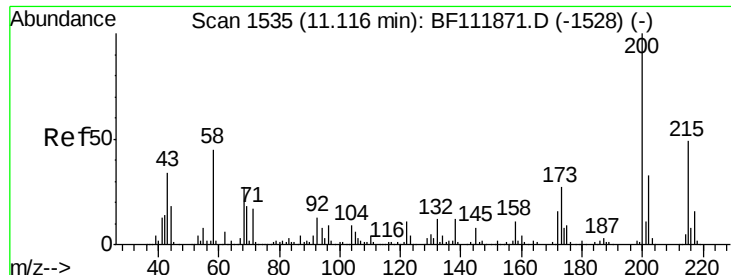
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





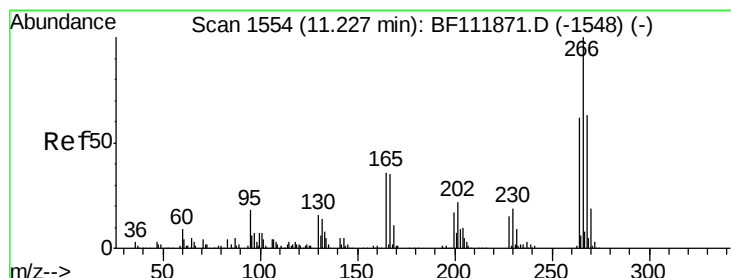
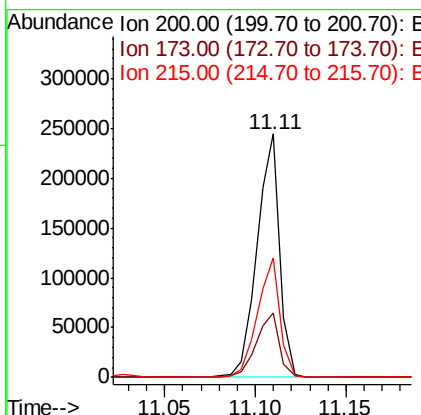
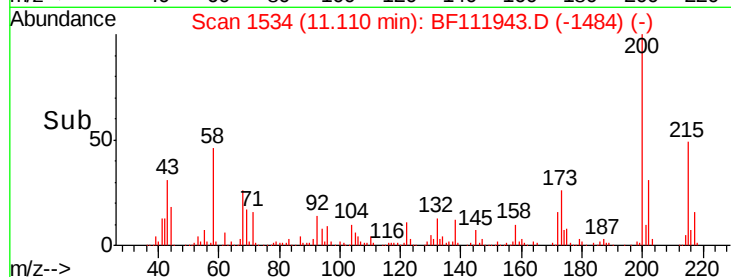
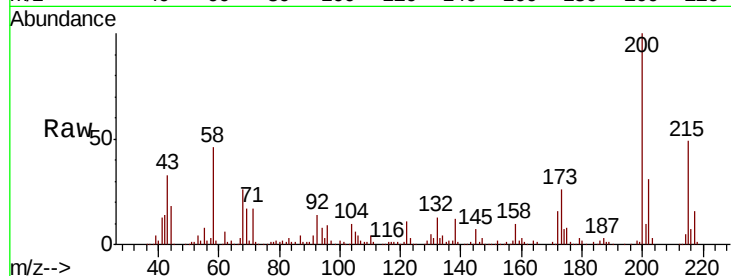
#69
Atrazine
Concen: 34.540 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :
TN-1419MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.3	6.6	46.6
215	49.1	28.9	68.9

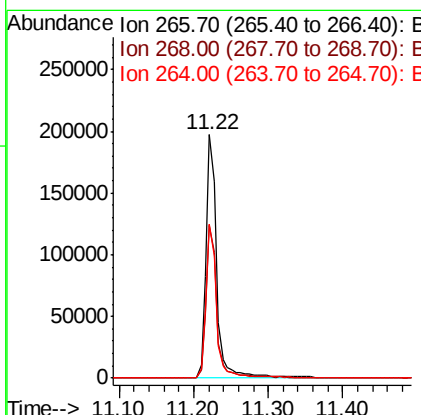
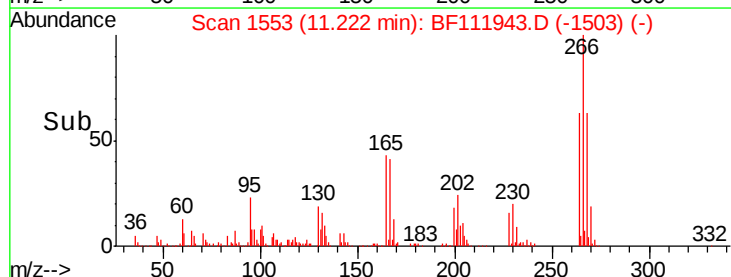
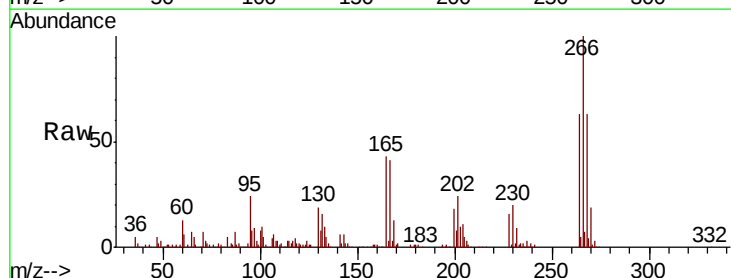
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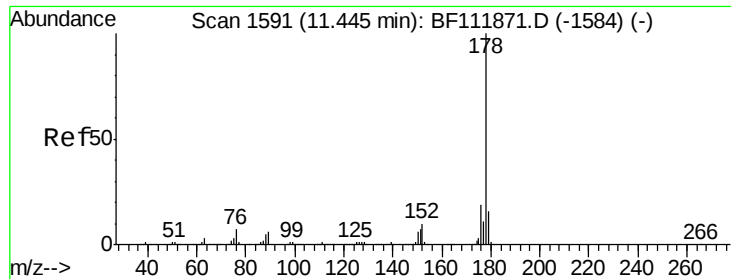
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#70
Pentachlorophenol
Concen: 47.116 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.7	50.6	76.0
264	63.3	49.3	73.9





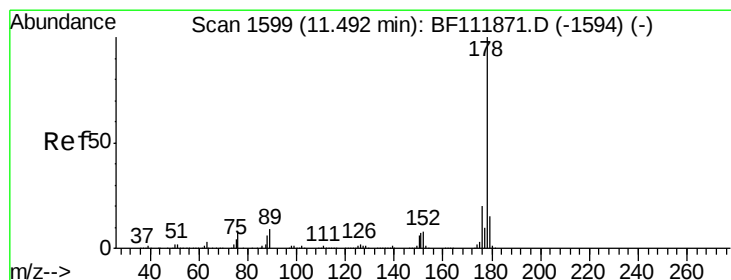
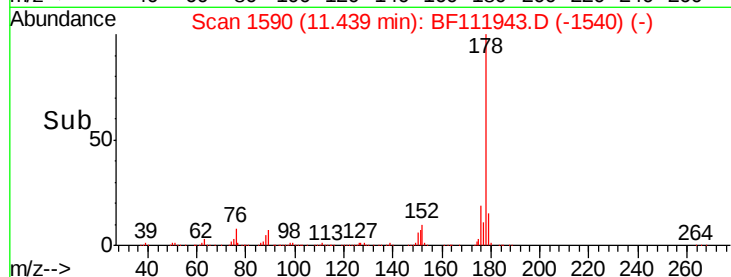
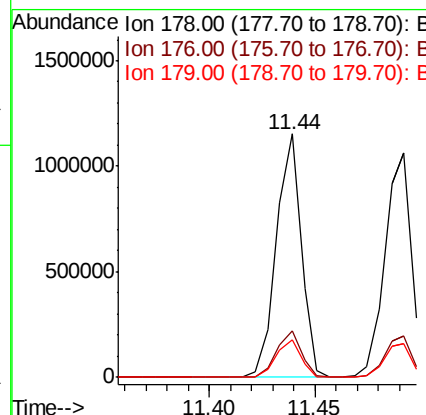
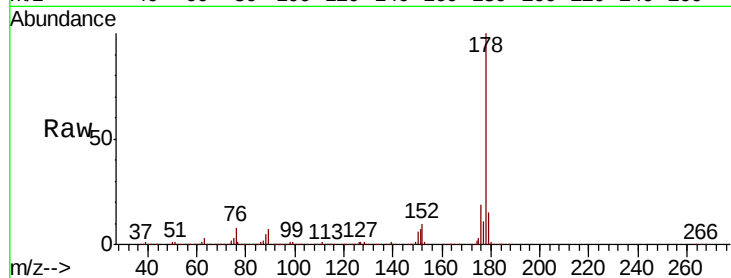
#71
Phenanthrene
Concen: 34.349 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :
TN-1419MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.2	12.6	18.8

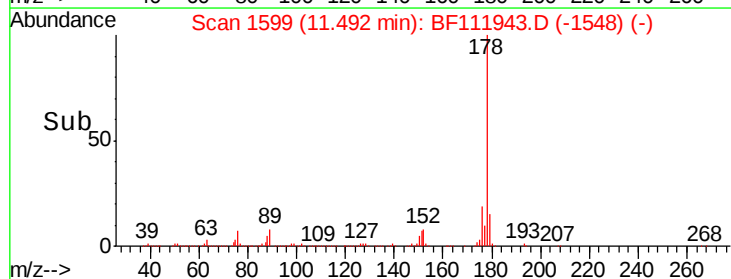
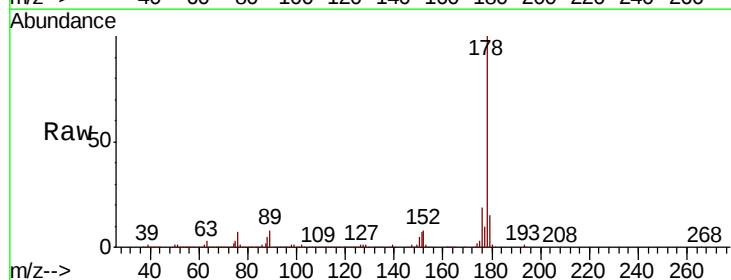
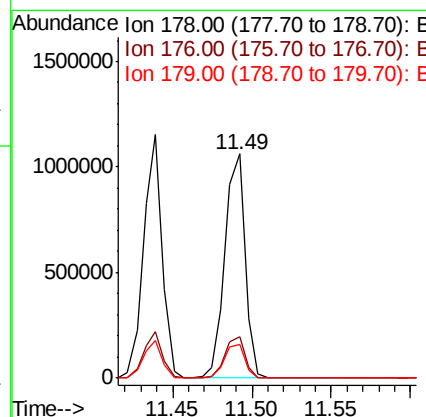
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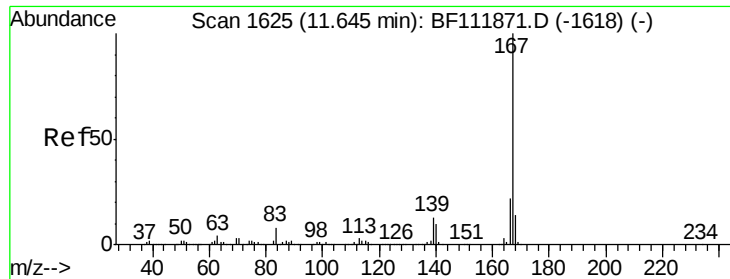
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#72
Anthracene
Concen: 33.392 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	15.0	12.4	18.6





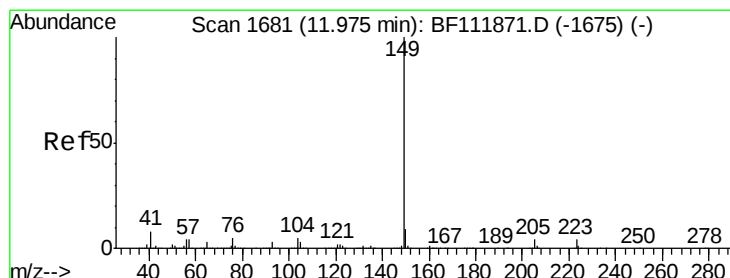
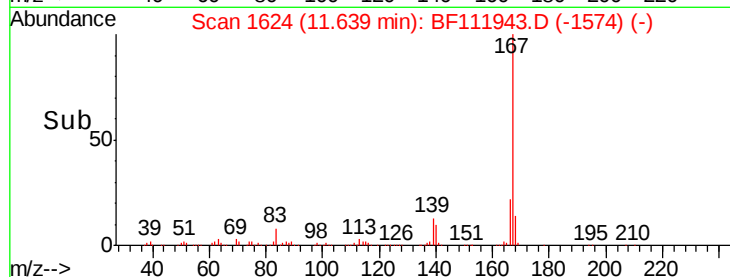
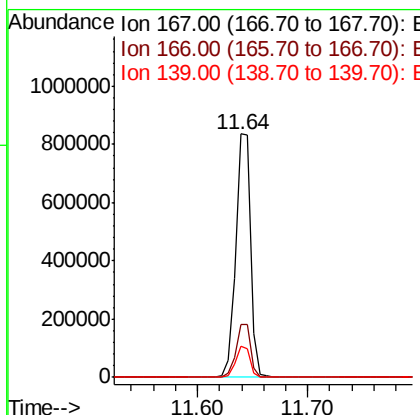
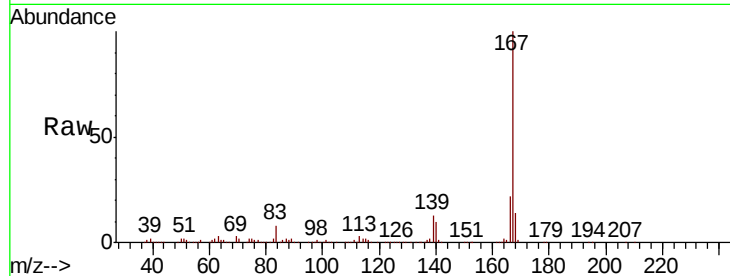
#73
 Carbazole
 Concen: 29.085 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_F
 ClientSampled :
 TN-1419MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	12.7	10.6	16.0

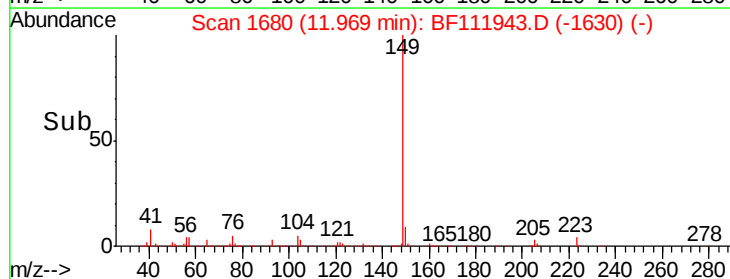
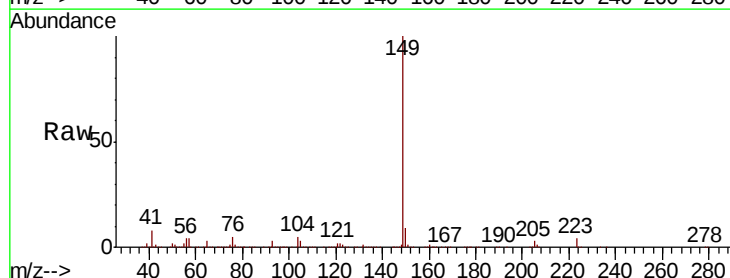
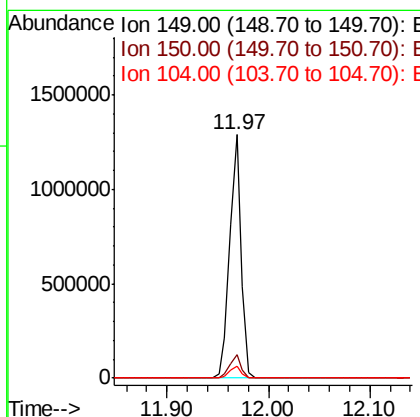
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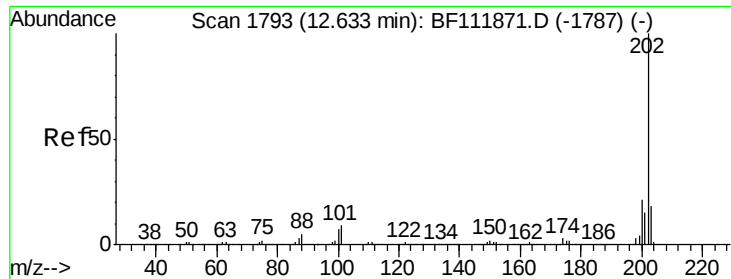
Sohil
 1/10/2019 11:45:47 AM



#74
 Di-n-butylphthalate
 Concen: 31.882 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.7	3.9	5.9





#75

Fluoranthene

Concen: 29.964 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

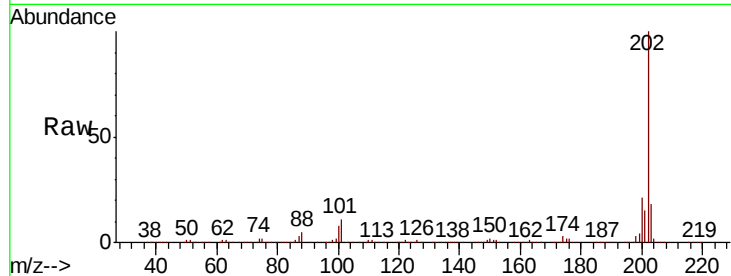
ClientSampleId :

TN-1419MS

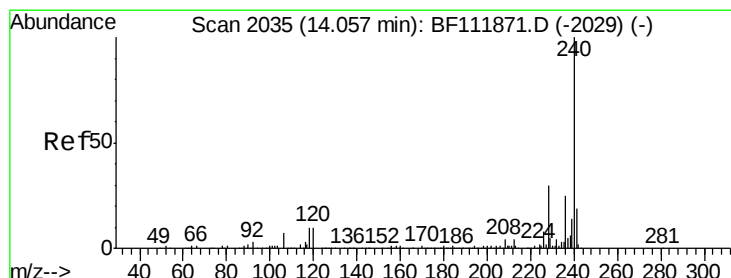
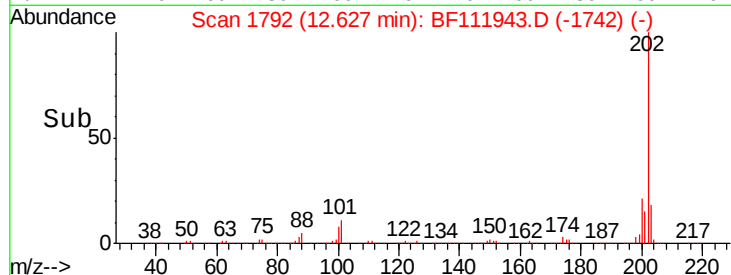
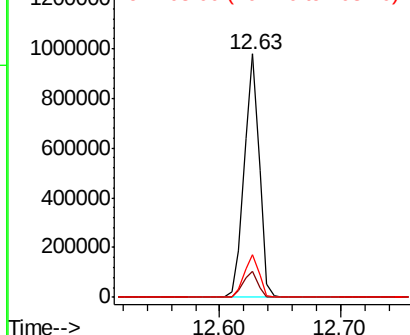
Tot Ion:	202	Resp:	853382
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	29.3
203	17.6	0.0	37.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

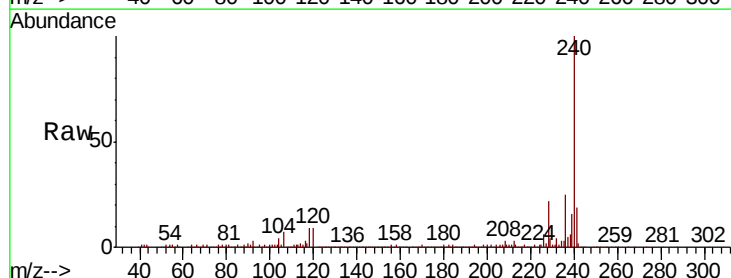
RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

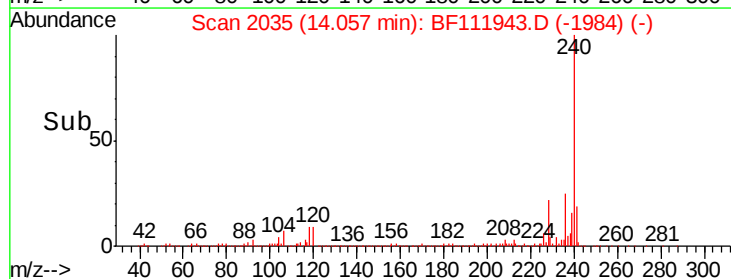
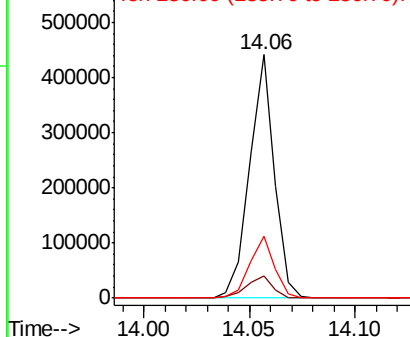
Lab File: BF111943.D

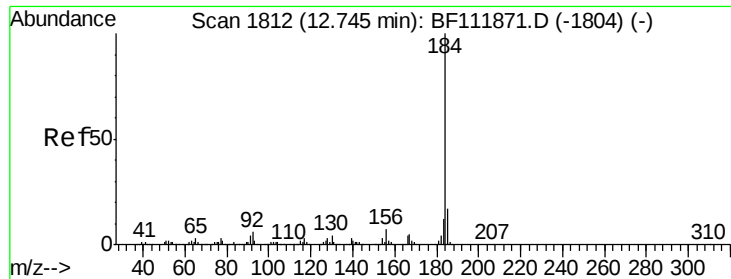
Acq: 9 Jan 2019 11:39

Tgt Ion:	240	Resp:	360030
Ion Ratio	Lower	Upper	
240	100		
120	9.2	8.2	12.2
236	25.5	20.2	30.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.334 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

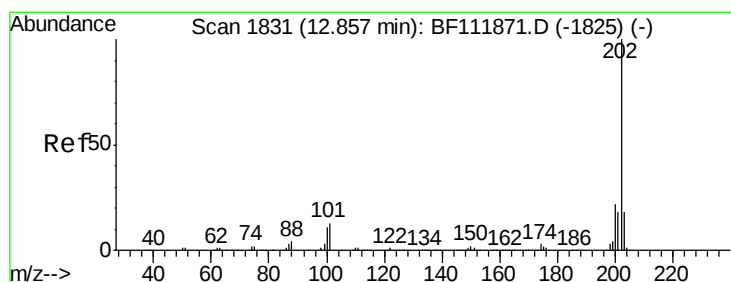
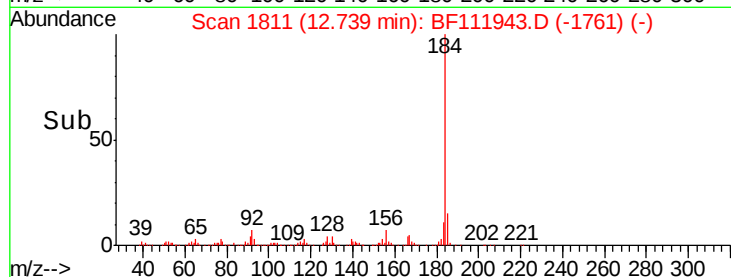
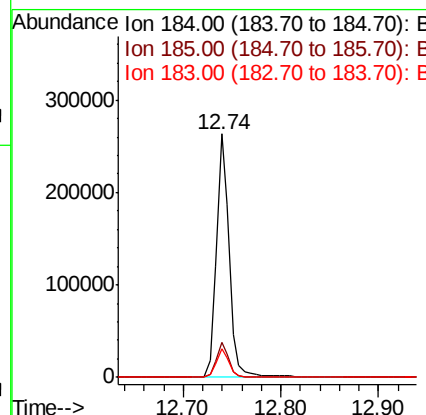
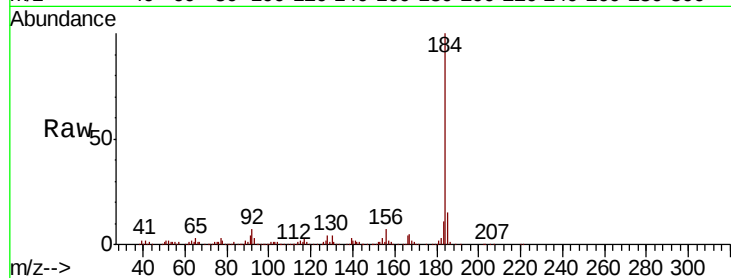
ClientSampleId :

TN-1419MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	240262		
185	14.5		13.4	20.0
183	11.5		9.6	14.4

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#78

Pyrene

Concen: 33.769 ng

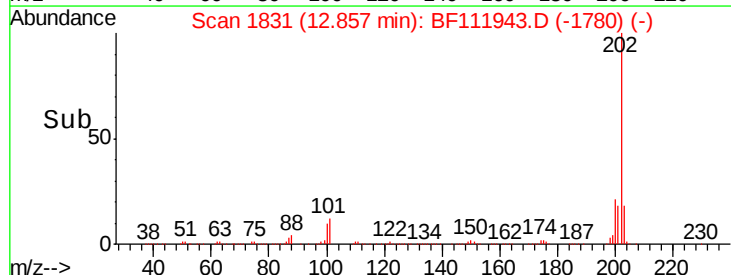
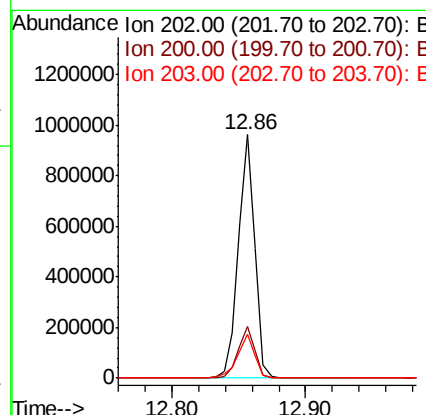
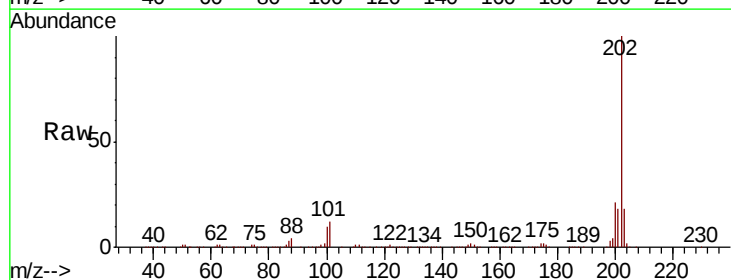
RT: 12.86 min Scan# 1831

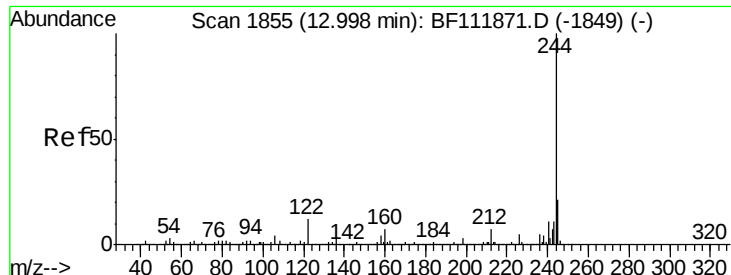
Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	836545		
200	21.3		17.4	26.2
203	18.1		14.6	21.8





#79

Terphenyl-d14

Concen: 62.659 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

ClientSampleId :

TN-1419MS

Tot Ion:244 Resp: 1188435

Ion Ratio Lower Upper

244 100

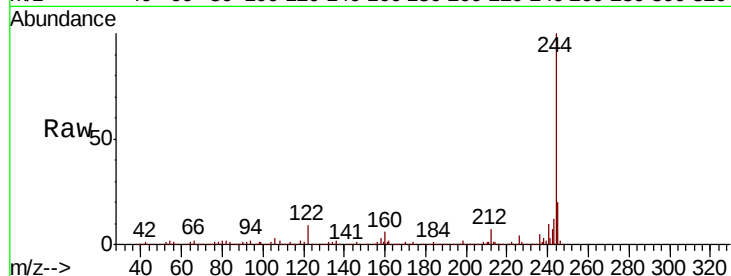
212 6.6 5.8 8.8

122 9.2 9.5 14.3#

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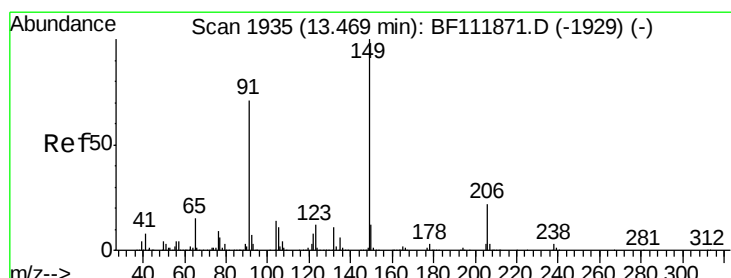
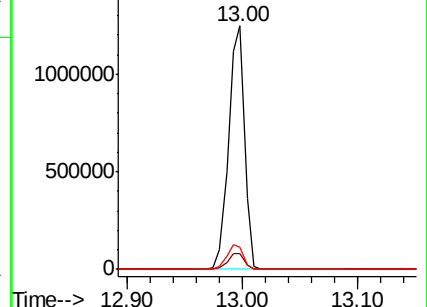
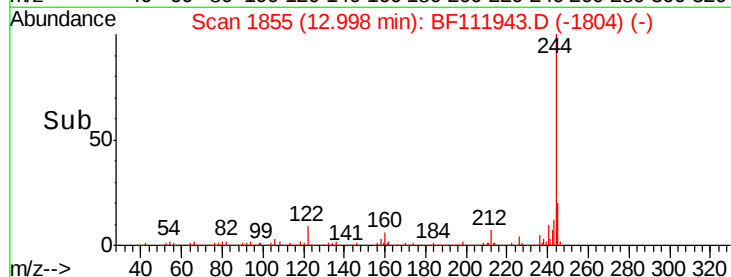
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.383 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

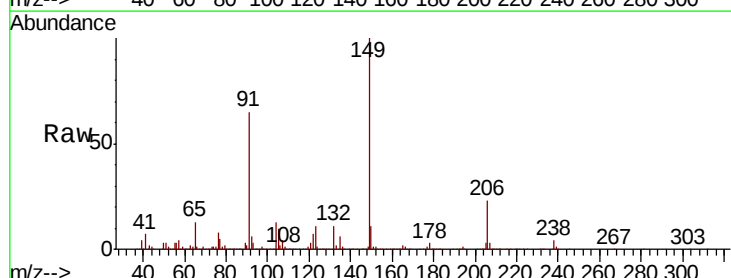
Tgt Ion:149 Resp: 349620

Ion Ratio Lower Upper

149 100

91 65.0 57.2 85.8

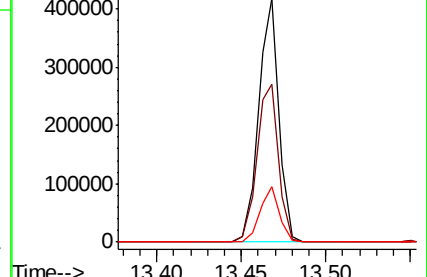
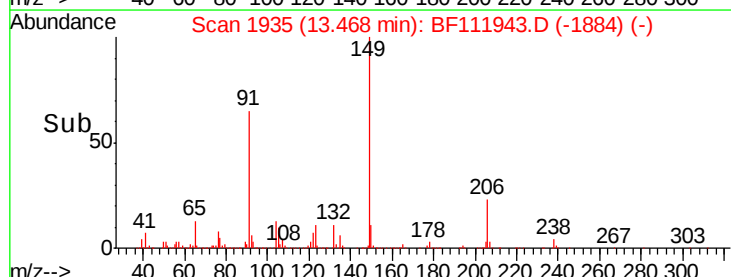
206 23.0 17.3 25.9

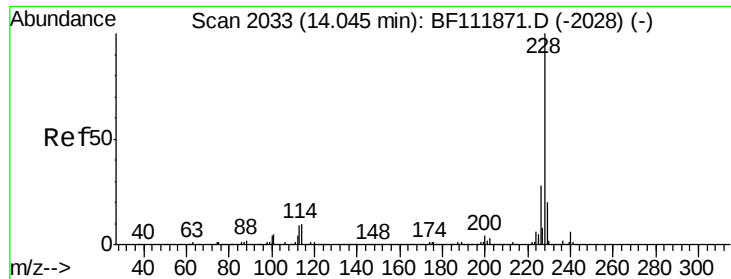


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





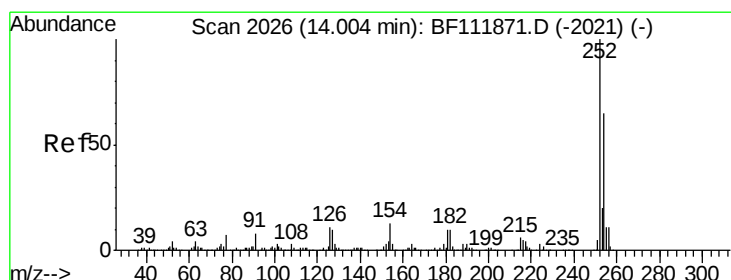
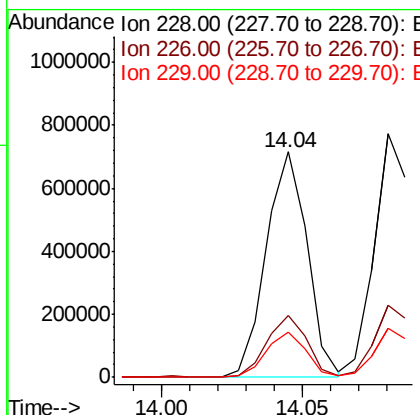
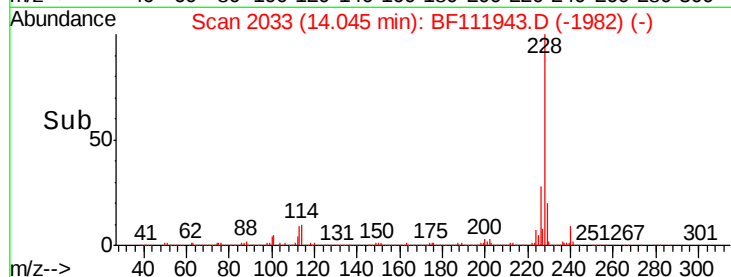
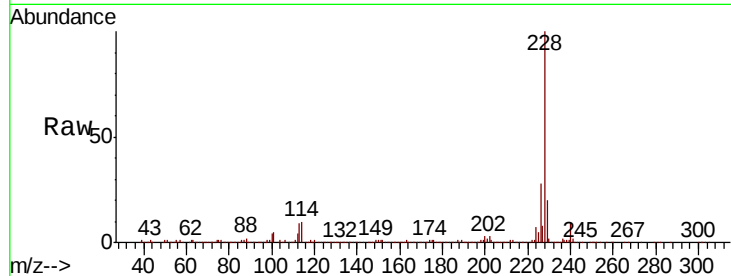
#81
Benzo(a)anthracene
Concen: 34.595 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampled :
TN-1419MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	20.1	16.2	24.2

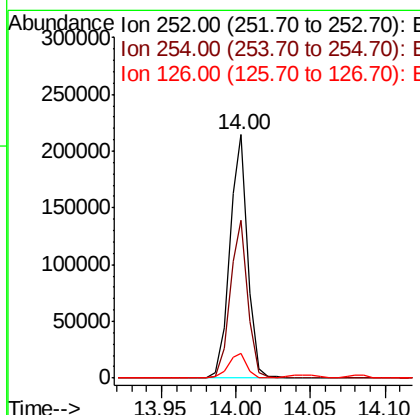
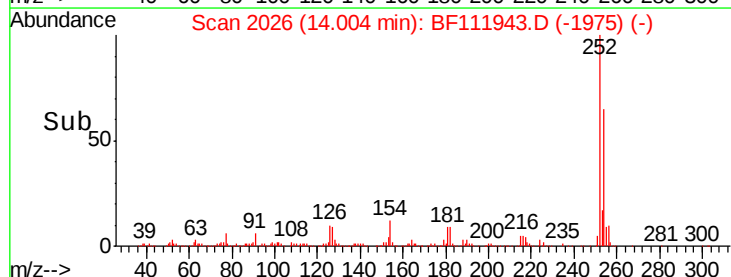
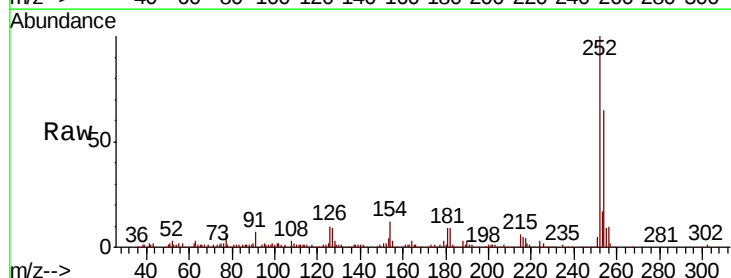
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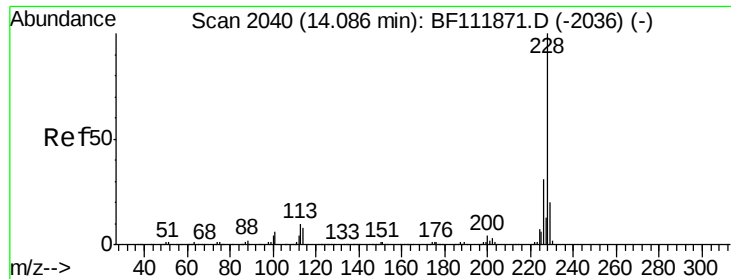
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#82
3,3'-Dichlorobenzidine
Concen: 23.830 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	9.9	8.6	12.8





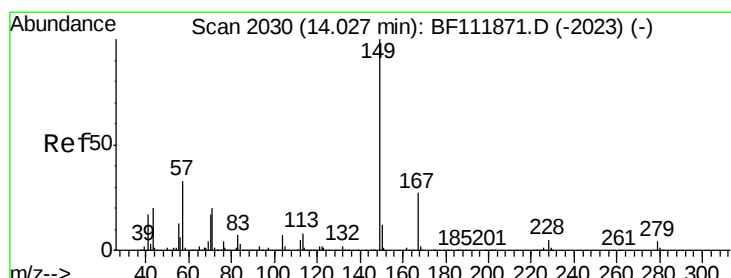
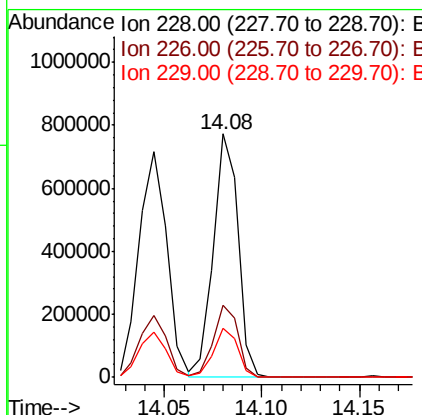
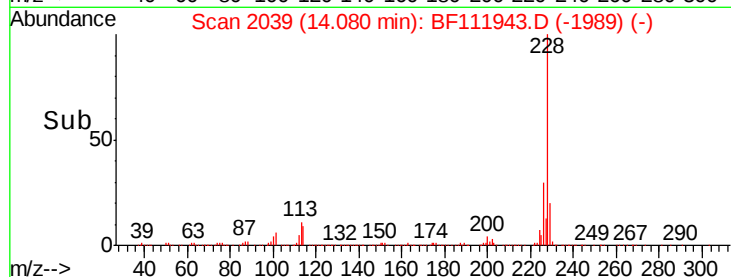
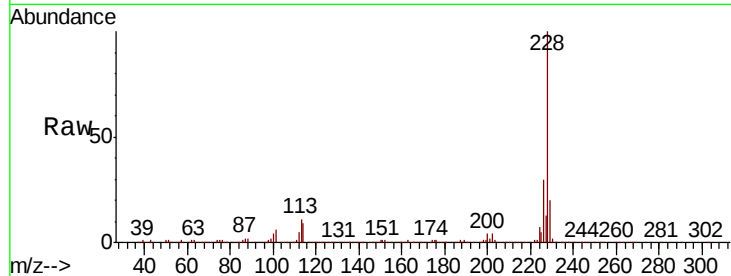
#83
 Chrysene
 Concen: 34.297 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_F
 ClientSampled :
 TN-1419MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	37.0
229	20.1	15.7	23.5

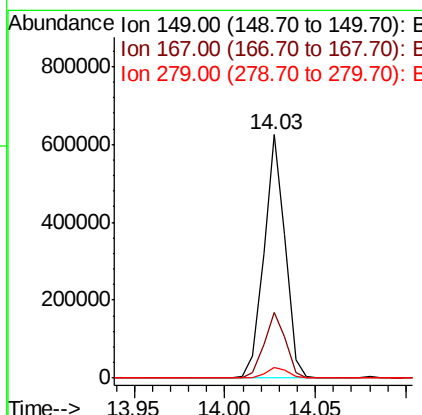
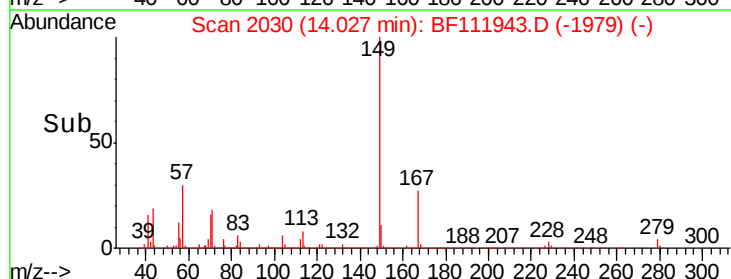
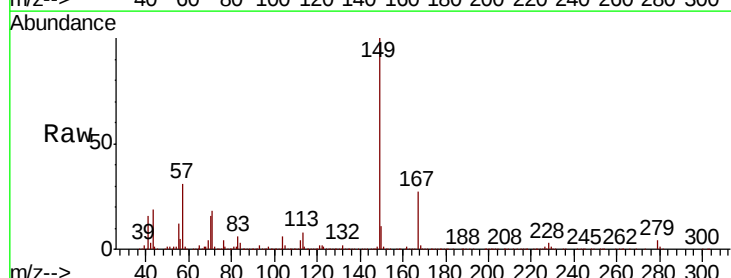
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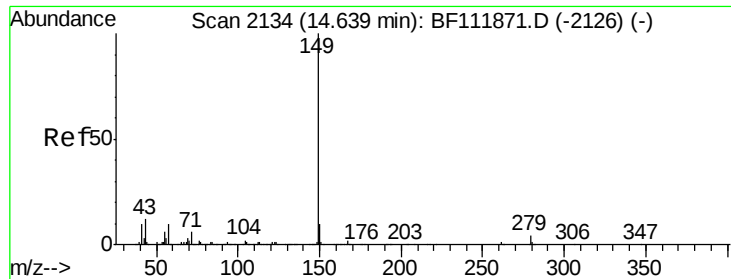
Sohil
 1/10/2019 11:45:47 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.761 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF111943.D
 Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.5	32.3
279	4.1	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 42.610 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

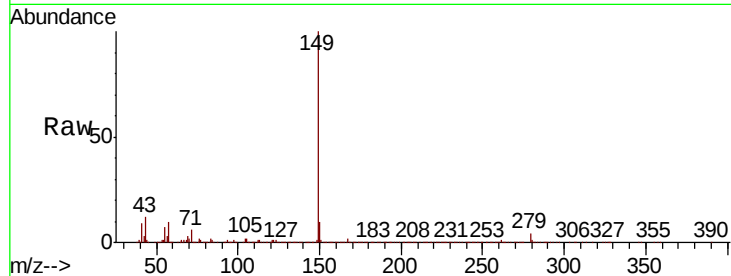
ClientSampleId :

TN-1419MS

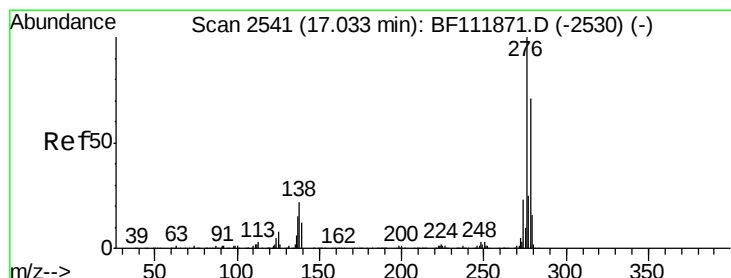
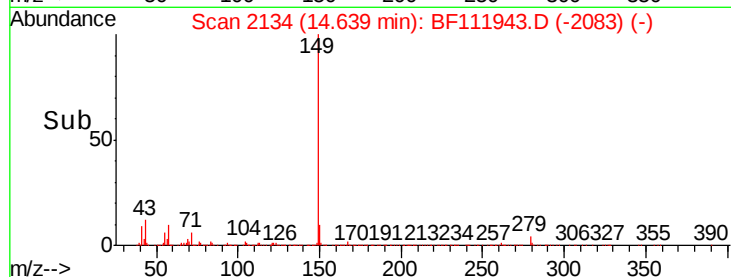
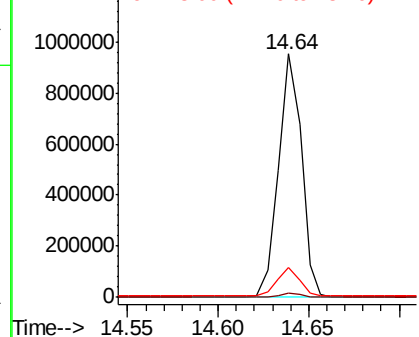
Tot Ion:	149	Resp:	838687
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.5	9.1	13.7

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.953 ng

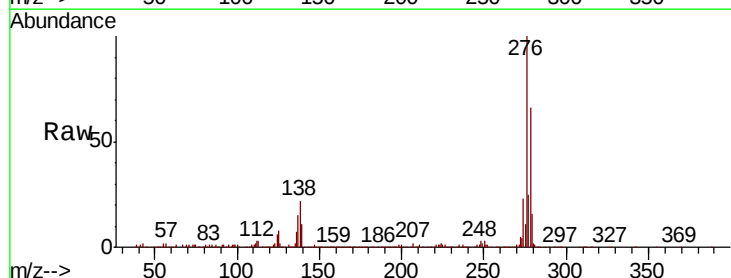
RT: 17.04 min Scan# 2542

Delta R.T. 0.01 min

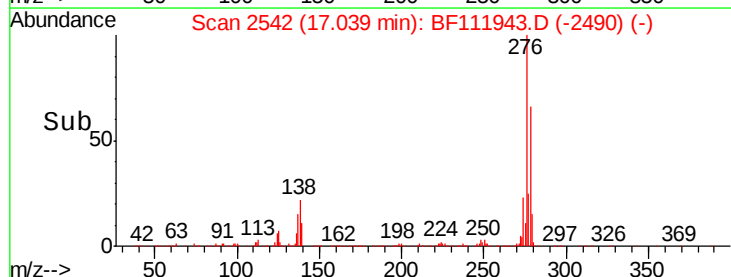
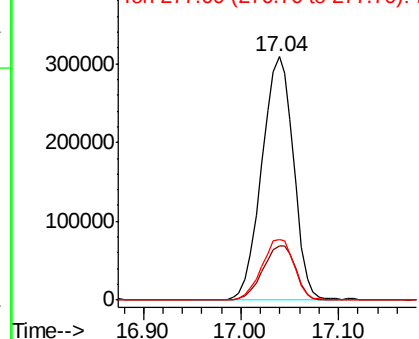
Lab File: BF111943.D

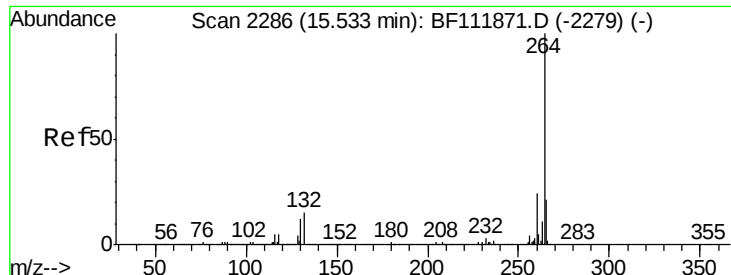
Acq: 9 Jan 2019 11:39

Tgt Ion:	276	Resp:	705079
Ion Ratio	Lower	Upper	
276	100		
138	22.9	18.1	27.1
277	25.3	19.9	29.9



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_F

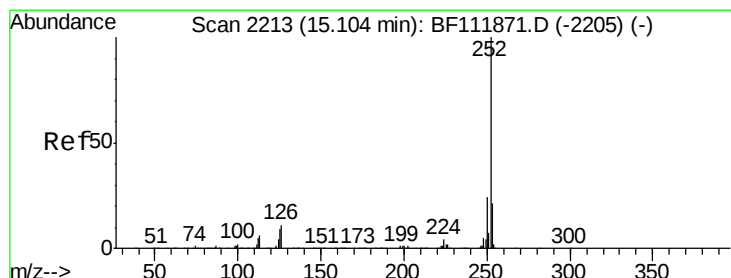
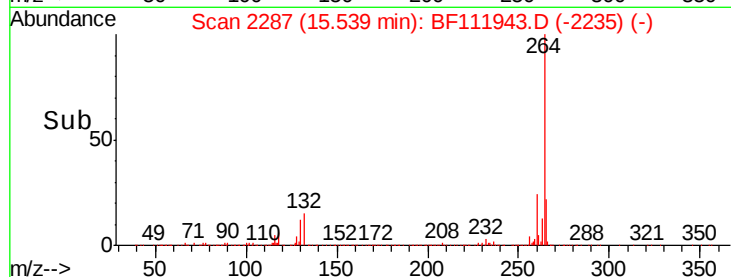
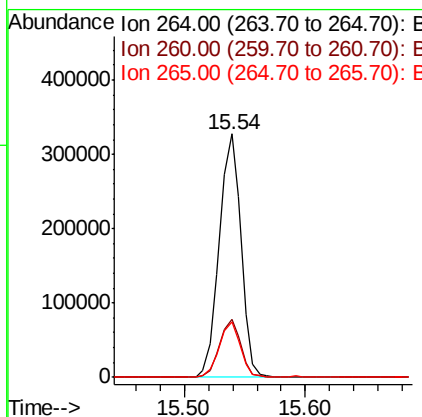
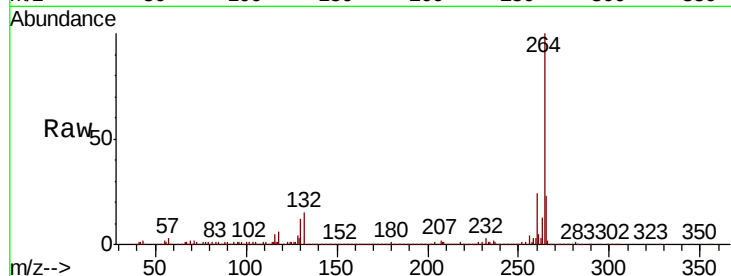
ClientSampleId :

TN-1419MS

Tot Ion:	264	Resp:	406295
Ion Ratio		Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.6	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 32.842 ng

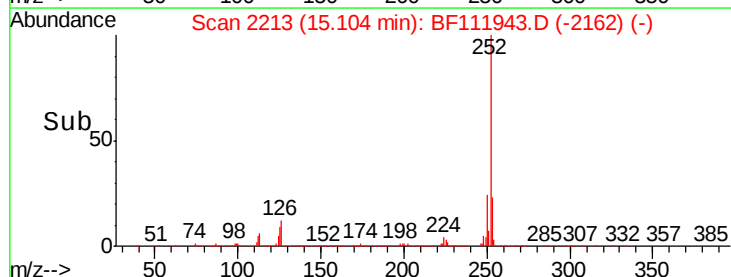
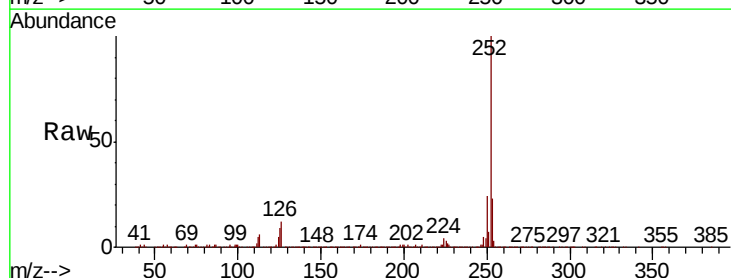
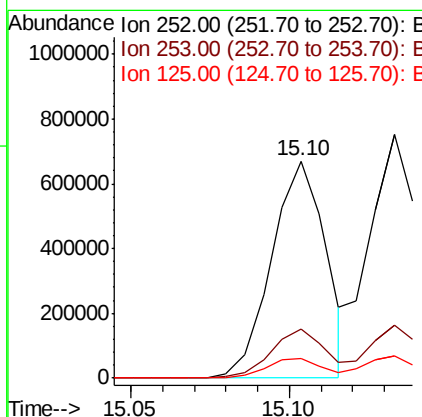
RT: 15.10 min Scan# 2213

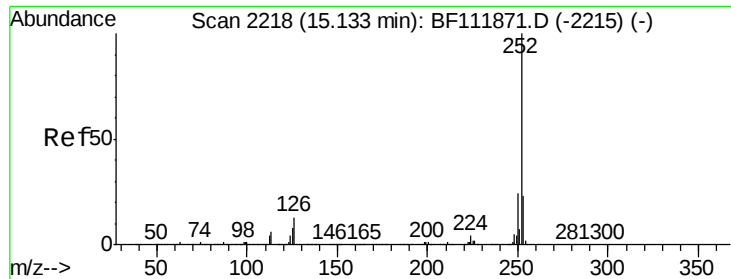
Delta R.T. -0.00 min

Lab File: BF111943.D

Acq: 9 Jan 2019 11:39

Tgt Ion:	252	Resp:	798206
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.0	25.6
125	9.2	7.1	10.7





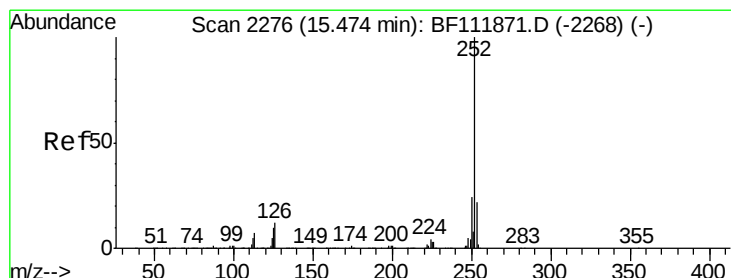
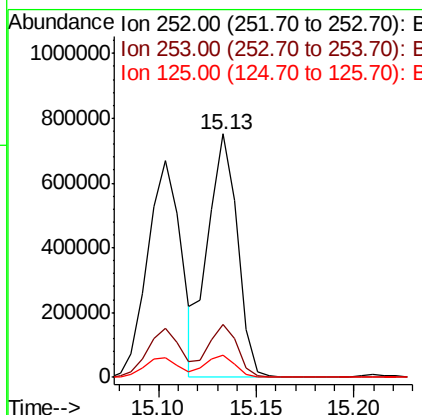
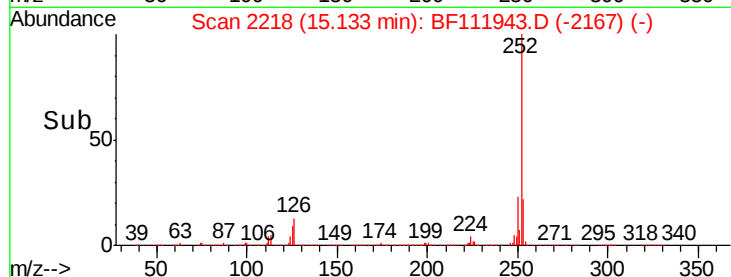
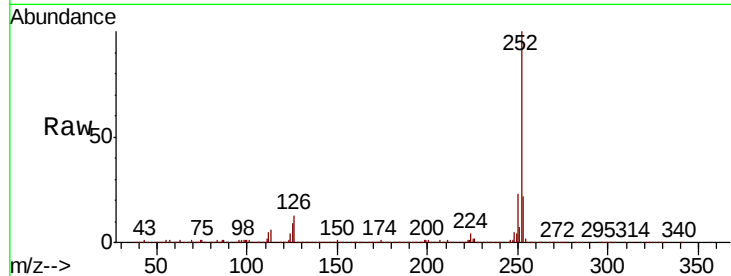
#89
Benzo(k)fluoranthene
Concen: 34.380 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :
TN-1419MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	9.3	7.0	10.4

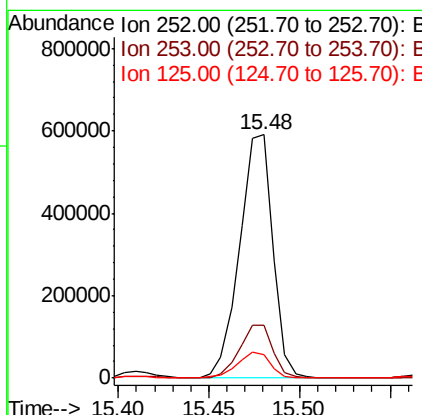
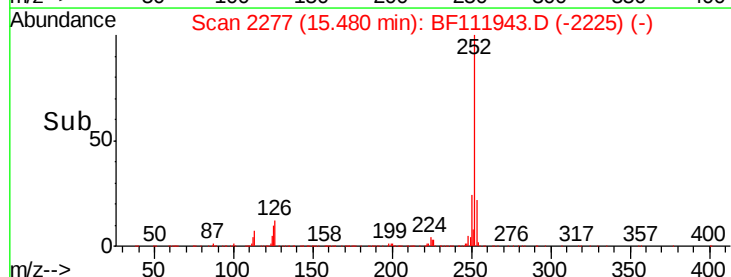
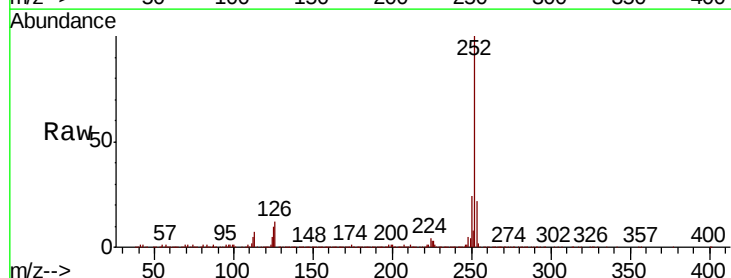
Manual Integrations
APPROVED

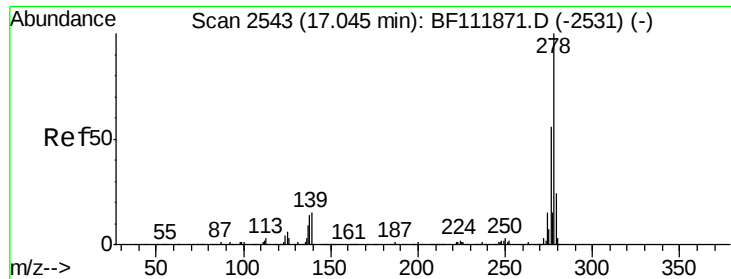
Sohil
1/10/2019 11:45:47 AM



#90
Benzo(a)pyrene
Concen: 35.149 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.8	7.9	11.9





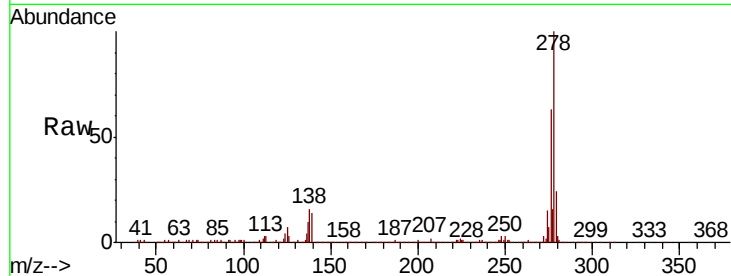
#91
Dibenzo(a,h)anthracene
Concen: 34.354 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_F
ClientSampled :
TN-1419MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.8	17.6
279	23.6	19.4	29.2

Manual Integrations
APPROVED

Sohil
1/10/2019 11:45:47 AM

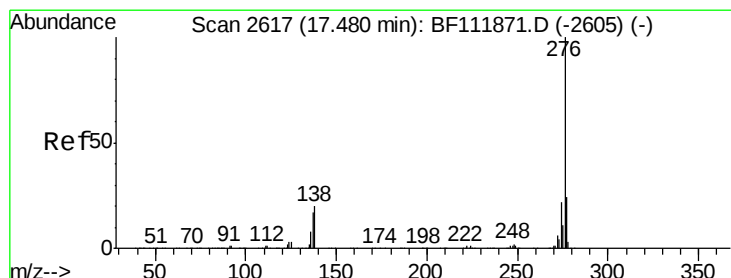
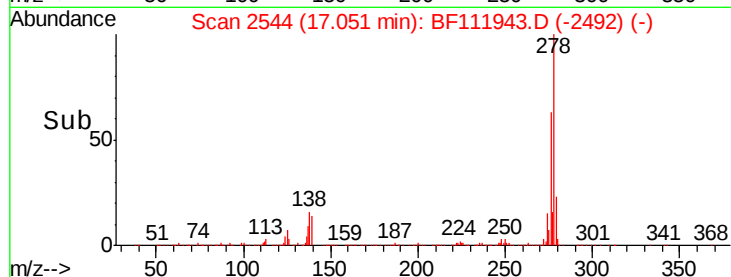
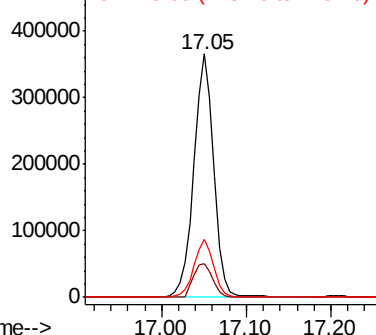


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 33.684 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.01 min
Lab File: BF111943.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	19.0	16.2	24.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

