

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111944.D
 Acq On : 9 Jan 2019 12:06
 Operator : JU/SJ
 Sample : K1066-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TN-1419MSD

Manual Integrations
 APPROVED

Sohil
 1/10/2019 11:45:49 AM

Quant Time: Jan 09 12:45:32 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	223647	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	840779	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	409680	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	596324	20.00	ng	0.00
76) Chrysene-d12	14.06	240	510003	20.00	ng	0.00
87) Perylene-d12	15.54	264	475773	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1425844	109.07	ng	0.01
7) Phenol-d6	6.54	99	1927424	114.39	ng	0.00
23) Nitrobenzene-d5	7.45	82	1235935	78.56	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	476091	89.34	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2189761	77.94	ng	0.00
79) Terphenyl-d14	13.00	244	1905905	70.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	157717	27.592	ng	98
3) Pyridine	3.53	79	448219	30.253	ng	99
4) n-Nitrosodimethylamine	3.47	42	258636	35.087	ng	96
6) Aniline	6.55	93	313889	15.407	ng	# 1
8) 2-Chlorophenol	6.69	128	514238	35.426	ng	92
9) Benzaldehyde	6.43	77	182155	15.278	ng	98
10) Phenol	6.55	94	662990	36.204	ng	85
11) bis(2-Chloroethyl)ether	6.62	93	474243	33.475	ng	99
12) 1,3-Dichlorobenzene	6.83	146	562181	33.408	ng	97
13) 1,4-Dichlorobenzene	6.90	146	570501	33.409	ng	99
14) 1,2-Dichlorobenzene	7.06	146	528863	32.399	ng	97
15) Benzyl Alcohol	7.03	79	457759	34.337	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	785217	32.508	ng	99
17) 2-Methylphenol	7.15	107	400335	34.315	ng	96
18) Hexachloroethane	7.40	117	200589	33.644	ng	100
19) n-Nitroso-di-n-propylamine	7.30	70	367661	33.584	ng	98
20) 3+4-Methylphenols	7.30	107	518940	35.741	ng	# 81
22) Acetophenone	7.29	105	694067	32.607	ng	# 96
24) Nitrobenzene	7.47	77	541840	34.048	ng	98
25) Isophorone	7.71	82	947921	37.211	ng	99
26) 2-Nitrophenol	7.79	139	279019	35.609	ng	96
27) 2,4-Dimethylphenol	7.83	122	455586	40.213	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	618534	36.376	ng	99
29) 2,4-Dichlorophenol	8.03	162	463064	35.545	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	494460	34.405	ng	98
31) Naphthalene	8.19	128	1503781	37.677	ng	99
32) Benzoic acid	7.95	122	174584	23.746	ng	98
33) 4-Chloroaniline	8.23	127	127832	7.409	ng	97
34) Hexachlorobutadiene	8.31	225	298023	33.310	ng	99
35) Caprolactam	8.61	113	149430m	35.107	ng	
36) 4-Chloro-3-methylphenol	8.73	107	422906	32.649	ng	97
37) 2-Methylnaphthalene	8.89	142	1006990	40.717	ng	99
38) 1-Methylnaphthalene	8.99	142	906561	38.218	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	477277	36.543	ng	99

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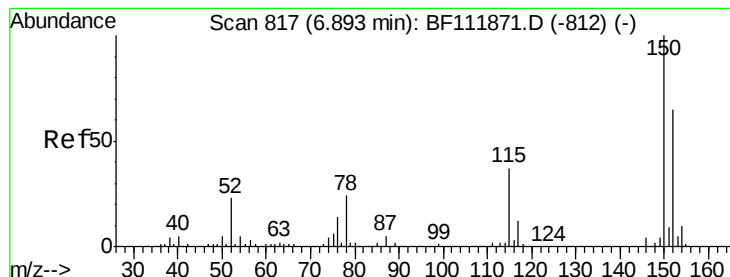
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	413720	54.785	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	318507	35.954	nq	100
44) 2,4,5-Trichlorophenol	9.22	196	327722	35.309	nq	98
46) 1,1'-Biphenyl	9.35	154	1110472	32.404	nq	99
47) 2-Chloronaphthalene	9.37	162	873533	32.479	nq	99
48) 2-Nitroaniline	9.47	65	283858	34.520	nq	92
49) Acenaphthylene	9.79	152	1454426	36.577	nq	99
50) Dimethylphthalate	9.65	163	1312157	42.637	nq	99
51) 2,6-Dinitrotoluene	9.71	165	244778	35.568	nq	95
52) Acenaphthene	9.96	154	837329	32.665	nq	99
53) 3-Nitroaniline	9.87	138	122948	16.682	nq	98
54) 2,4-Dinitrophenol	9.99	184	146217	50.176	nq	91
55) Dibenzofuran	10.13	168	1140652	30.597	nq	98
56) 4-Nitrophenol	10.06	139	300185	57.645	nq	98
57) 2,4-Dinitrotoluene	10.12	165	278783	31.350	nq	99
58) Fluorene	10.48	166	875560	32.277	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.26	232	244938	31.322	nq	96
60) Diethylphthalate	10.35	149	933580	31.346	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	443447	29.152	nq	95
62) 4-Nitroaniline	10.49	138	179246	25.641	nq	99
63) Azobenzene	10.63	77	842686	29.619	nq	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	99251	26.974	nq	96
66) n-Nitrosodiphenylamine	10.59	169	767140	38.335	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	267334	34.612	nq	95
68) Hexachlorobenzene	11.03	284	287154	33.546	nq	97
69) Atrazine	11.11	200	245216	34.877	nq	97
70) Pentachlorophenol	11.23	266	256069	52.570	nq	97
71) Phenanthrene	11.44	178	1202343	37.712	nq	100
72) Anthracene	11.49	178	1181892	36.518	nq	99
73) Carbazole	11.65	167	984887	31.284	nq	99
74) Di-n-butylphthalate	11.97	149	1280117	35.006	nq	100
75) Fluoranthene	12.63	202	1239445	37.869	nq	97
77) Benzidine	12.74	184	431380	28.307	nq	95
78) Pyrene	12.86	202	1293800	36.869	nq	99
80) Butylbenzylphthalate	13.47	149	544824	36.724	nq	95
81) Benzo(a)anthracene	14.04	228	1128265	38.440	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	305115	28.158	nq	99
83) Chrysene	14.09	228	1063334	37.995	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	756424	38.824	nq	99
85) Di-n-octyl phthalate	14.64	149	1187166	42.578	nq	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	926564	45.414	nq	99
88) Benzo(b)fluoranthene	15.11	252	1105933	38.859	nq	99
89) Benzo(k)fluoranthene	15.14	252	973390	36.385	nq	99
90) Benzo(a)pyrene	15.48	252	988795	39.513	nq	99
91) Dibenzo(a,h)anthracene	17.06	278	756150	37.569	nq	99
92) Benzo(g,h,i)perylene	17.50	276	740929	37.637	nq	98

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



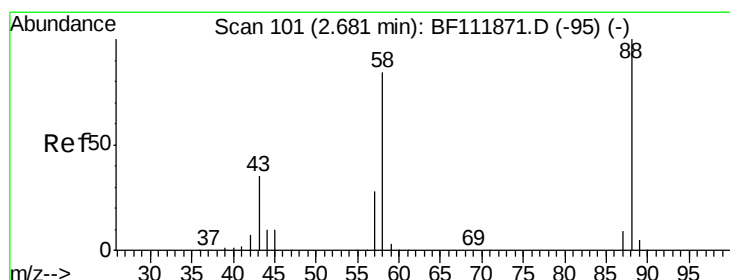
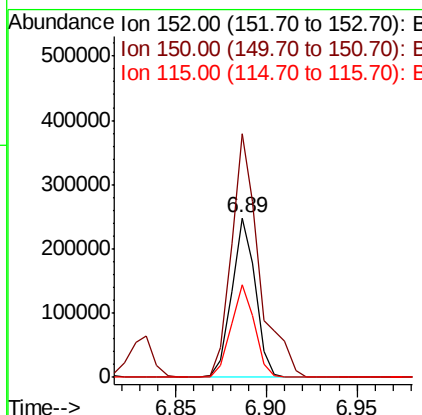
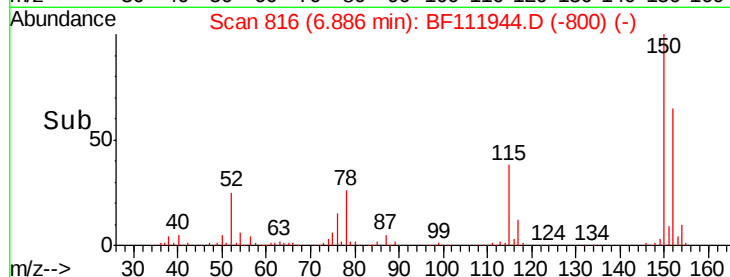
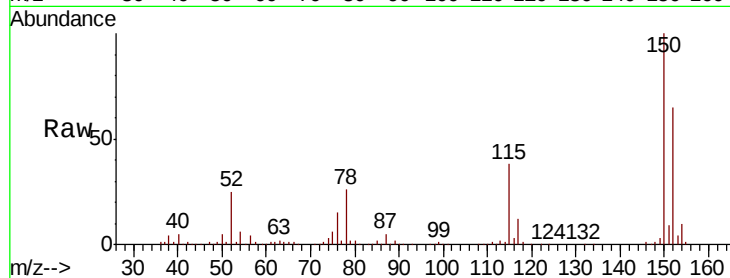
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF111944.D
 Acq: 9 Jan 2019 12:06

Instrument :
 BNA_F
 ClientSampleID :
 TN-1419MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	122.7	184.1
115	58.2	45.2	67.8

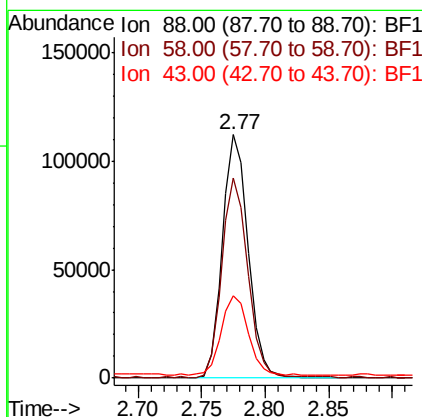
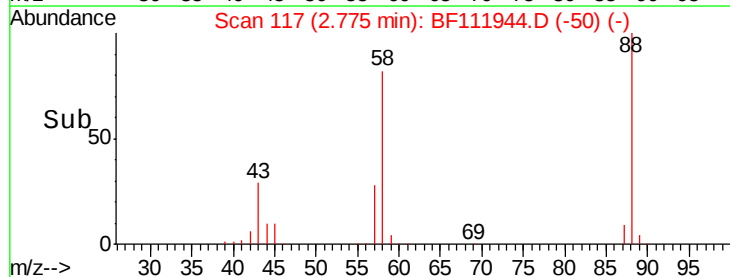
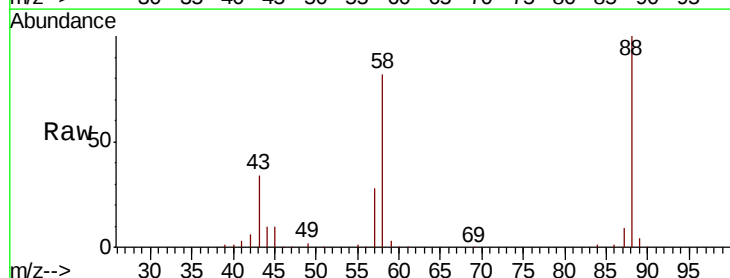
Manual Integrations
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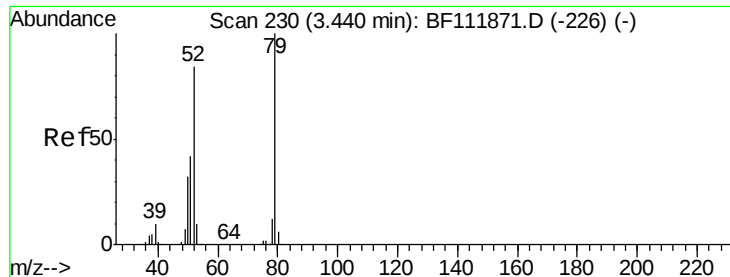
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#2
 1,4-Dioxane
 Concen: 27.592 ng
 RT: 2.77 min Scan# 117
 Delta R.T. 0.09 min
 Lab File: BF111944.D
 Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.6	67.6	101.4
43	34.8	29.0	43.6





#3

Pvridine

Concen: 30.253 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.09 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Instrument :

BNA_F

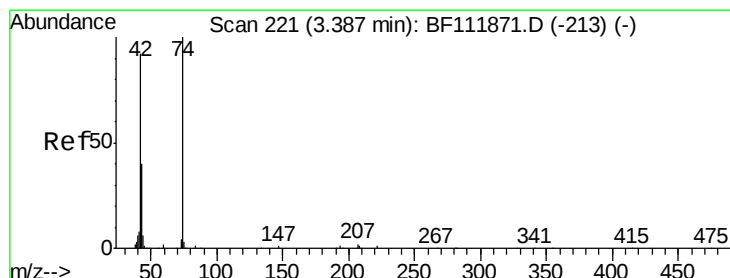
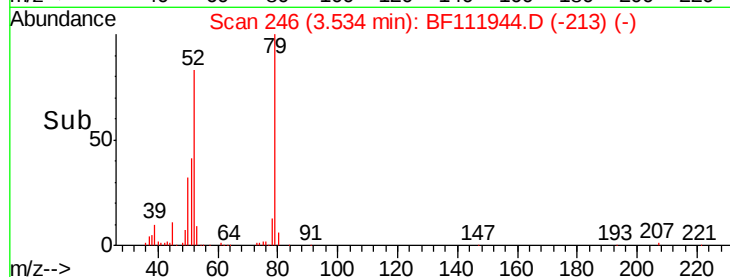
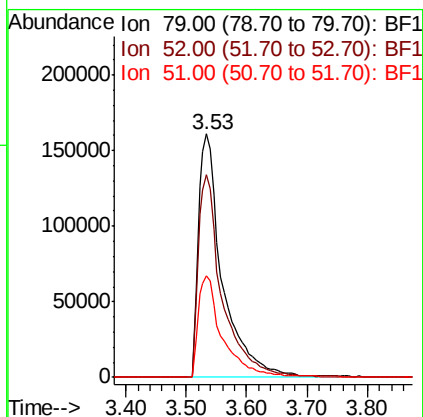
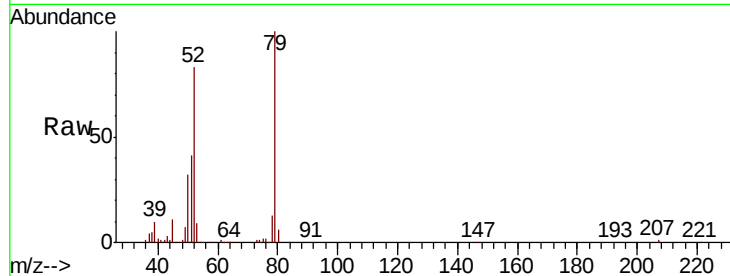
ClientSampleId :

TN-1419MSD

Tot Ion:	79	Resp:	448219
Ion Ratio	Lower	Upper	
79	100		
52	83.4	67.0	100.6
51	41.5	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 35.087 ng

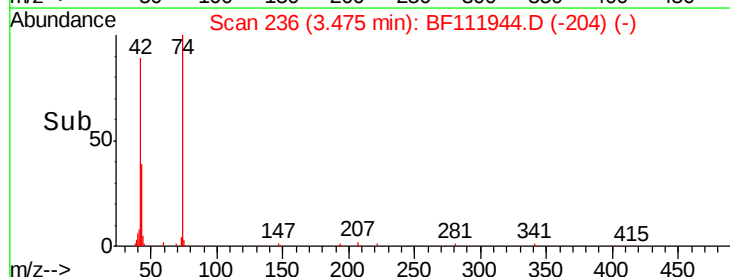
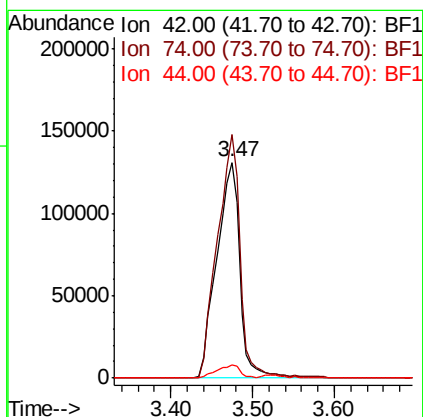
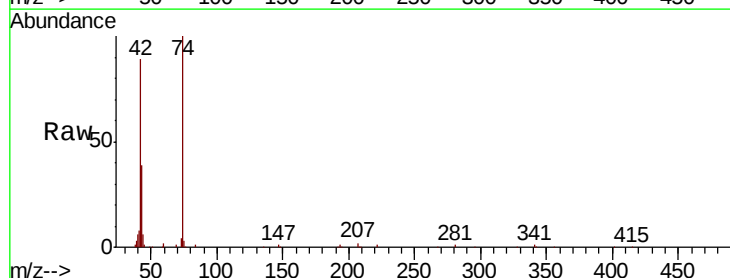
RT: 3.47 min Scan# 236

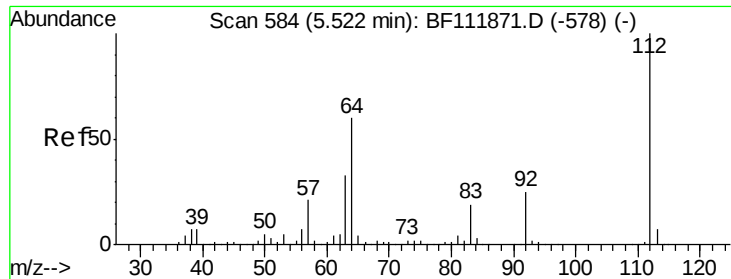
Delta R.T. 0.09 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Tgt Ion:	42	Resp:	258636
Ion Ratio	Lower	Upper	
42	100		
74	113.0	87.0	130.6
44	6.4	5.5	8.3





#5

2-Fluorophenol

Concen: 109.072 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.01 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Instrument :

BNA_F

ClientSampleId :

TN-1419MSD

Tot Ion:112 Resp: 1425844

Ion Ratio Lower Upper

112 100

64 64.0 48.3 72.5

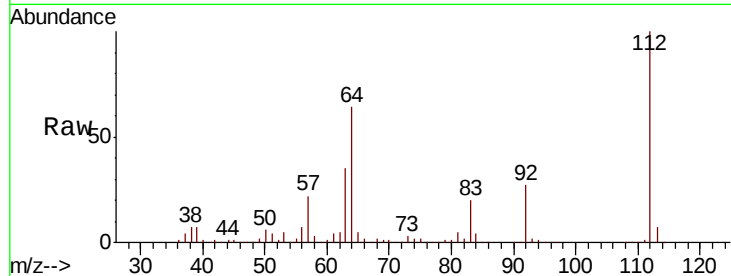
63 35.0 26.1 39.1

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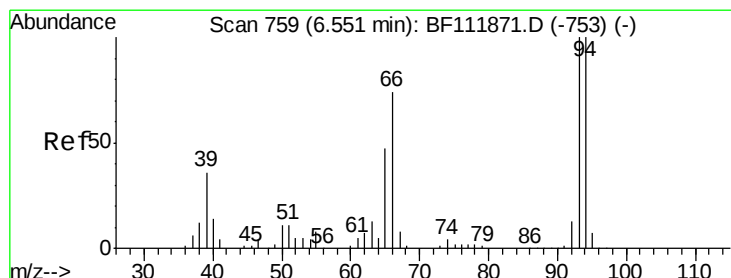
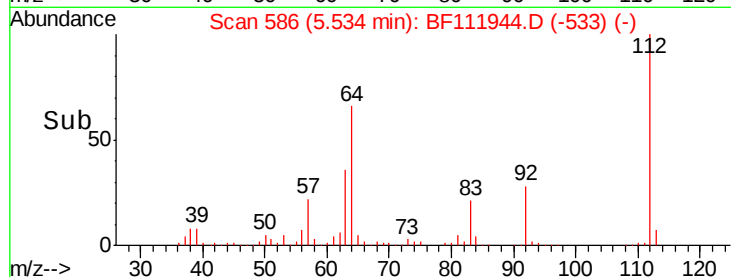
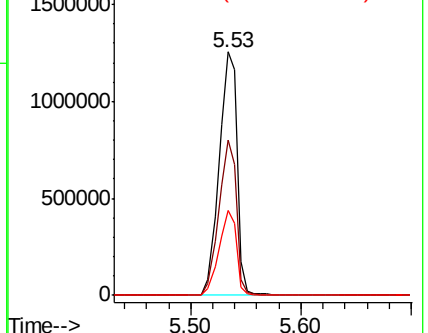
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.407 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

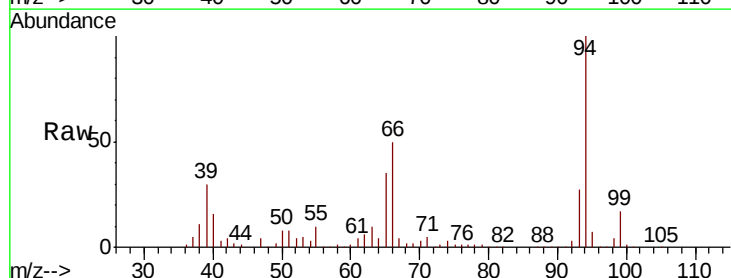
Tgt Ion: 93 Resp: 313889

Ion Ratio Lower Upper

93 100

66 186.1 60.0 90.0#

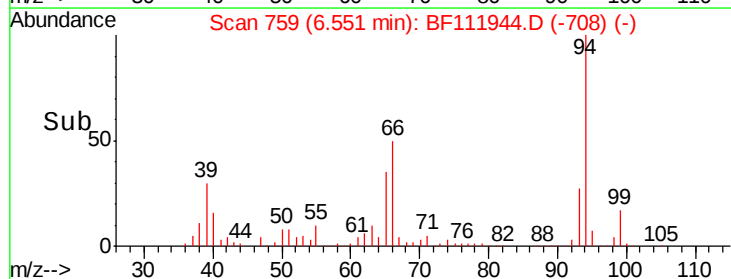
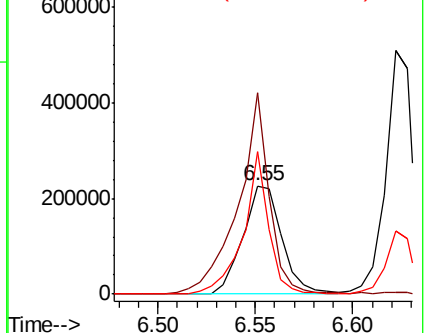
65 131.8 37.5 56.3#

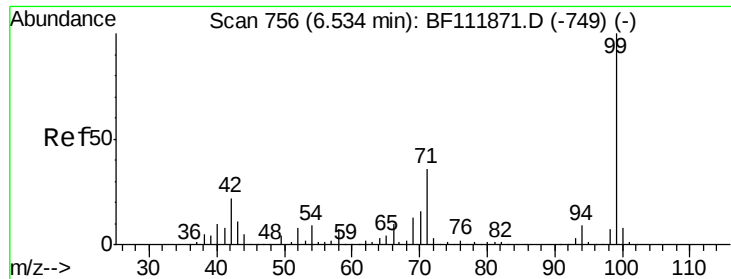


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.394 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Instrument :

BNA_F

ClientSampleId :

TN-1419MSD

Tot Ion: 99 Resp: 1927424

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

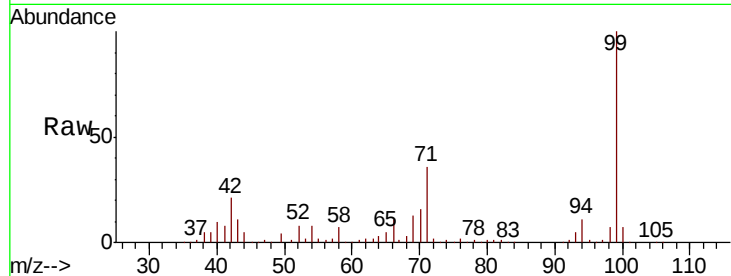
71 36.2 28.7 43.1

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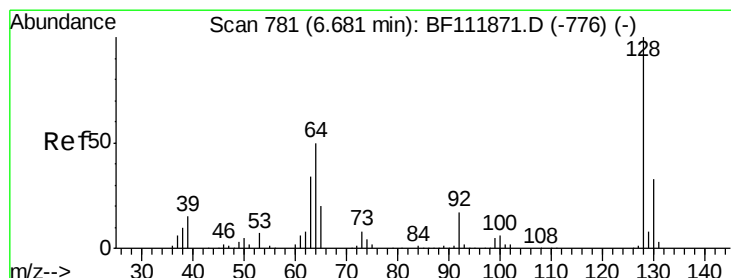
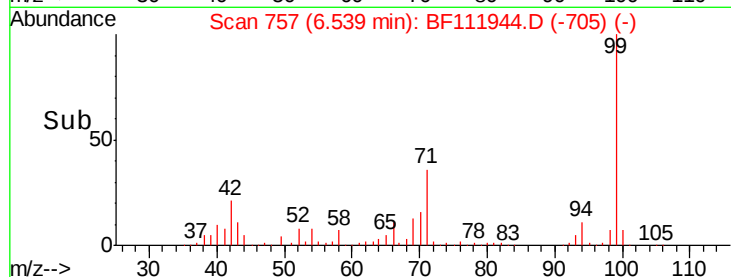
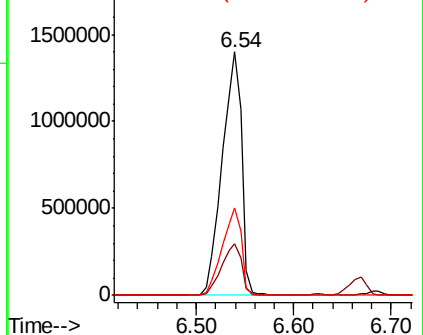
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.426 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

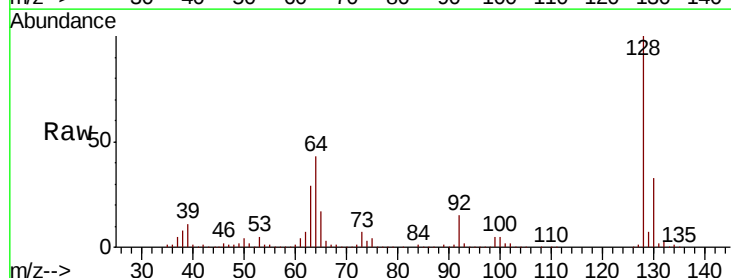
Tgt Ion:128 Resp: 514238

Ion Ratio Lower Upper

128 100

130 32.9 12.7 52.7

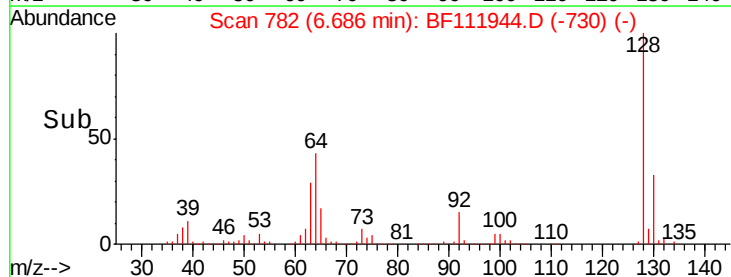
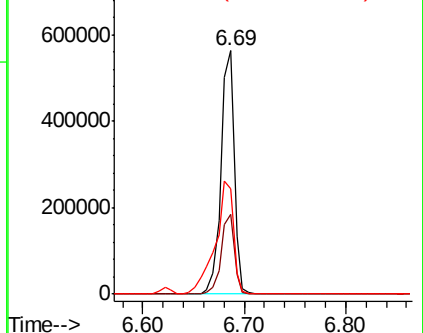
64 43.3 31.8 71.8

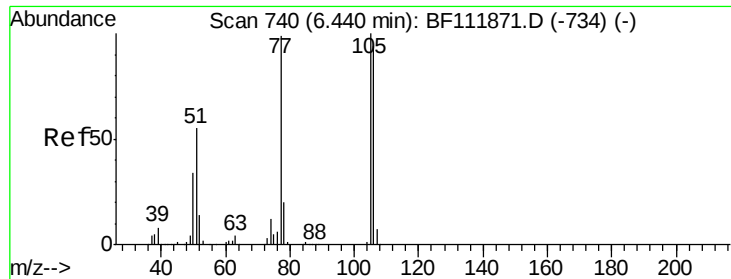


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.278 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Instrument :

BNA_F

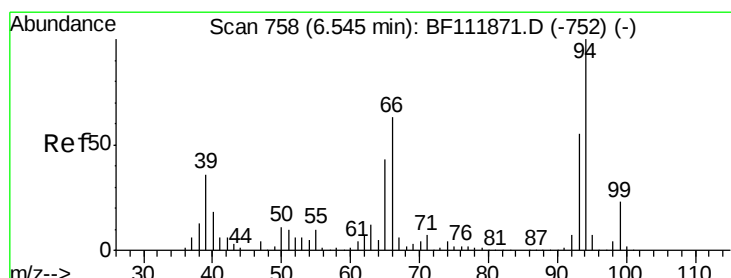
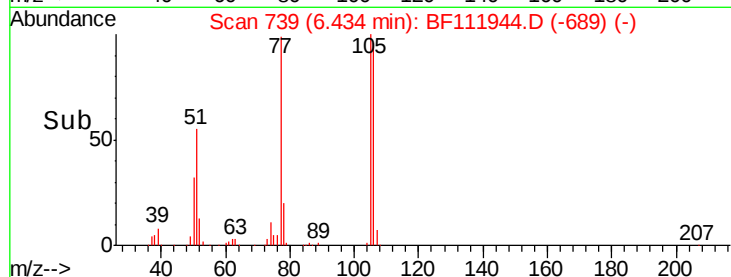
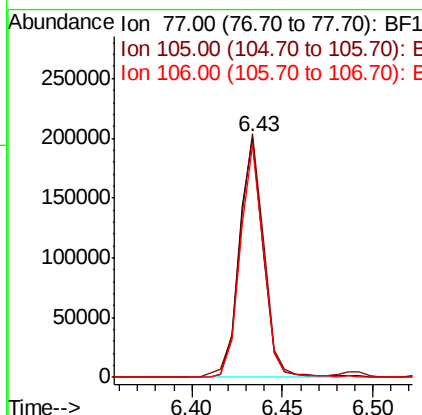
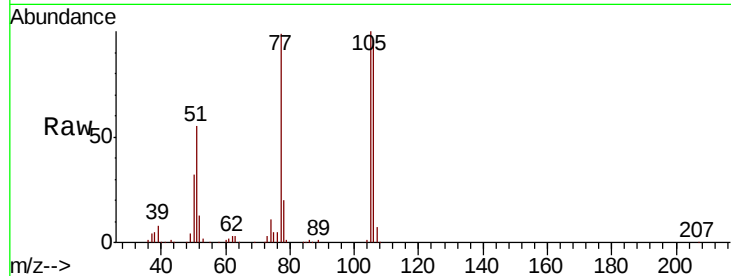
ClientSampleID :

TN-1419MSD

Tot Ion:	77	Resp:	182155
Ion Ratio	Lower	Upper	
77	100		
105	101.4	80.6	120.6
106	96.9	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 36.204 ng

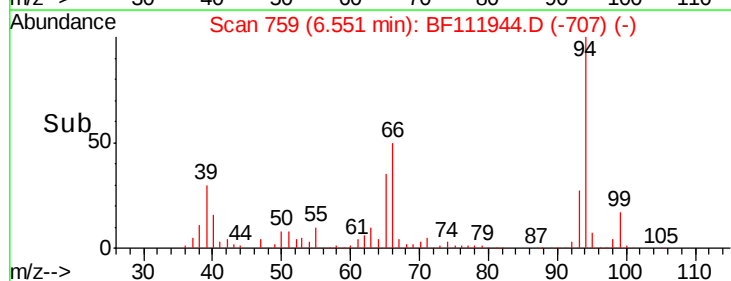
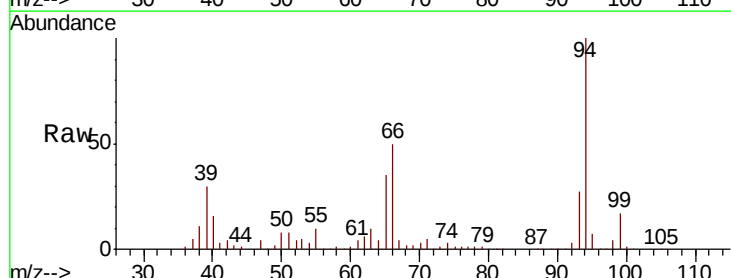
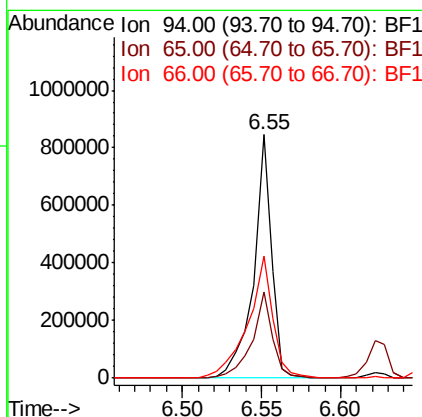
RT: 6.55 min Scan# 759

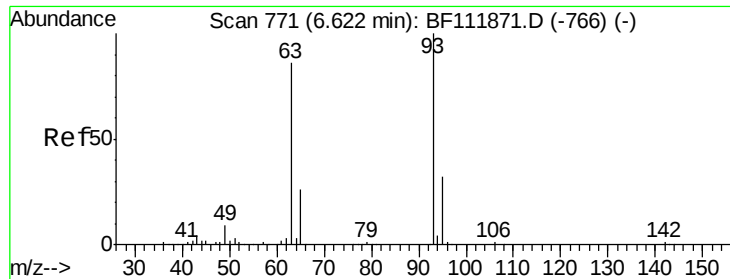
Delta R.T. 0.01 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Tgt Ion:	94	Resp:	662990
Ion Ratio	Lower	Upper	
94	100		
65	35.4	22.8	62.8
66	50.0	43.3	83.3





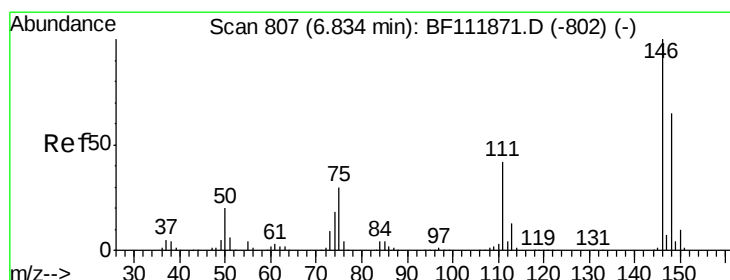
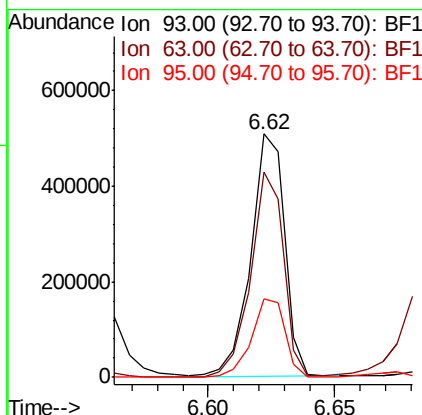
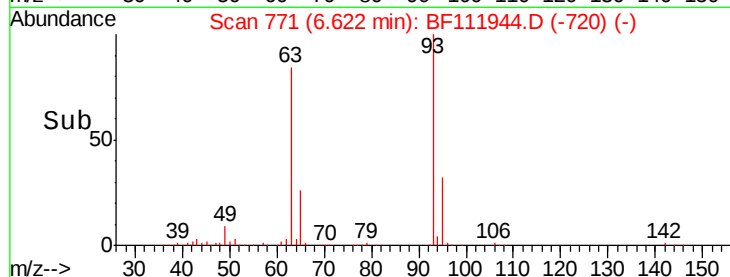
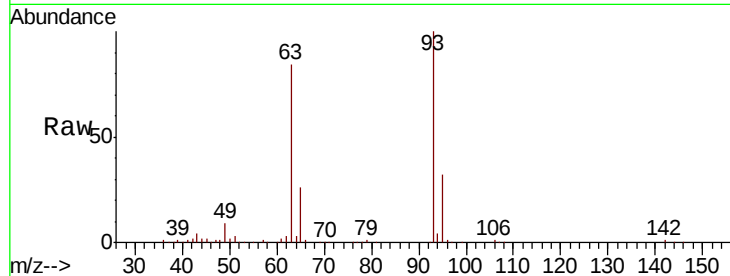
#11
bis(2-Chloroethyl)ether
Concen: 33.475 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.1	65.2	105.2
95	32.3	11.9	51.9

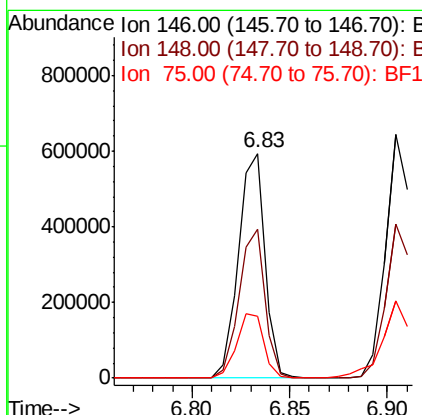
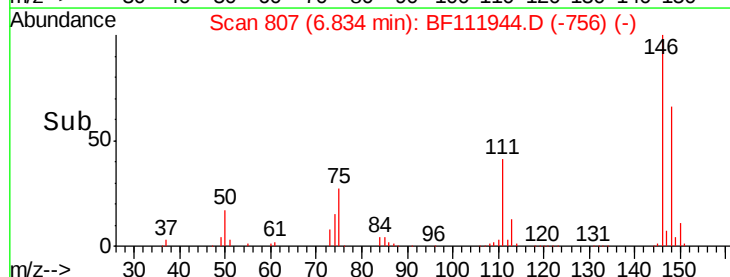
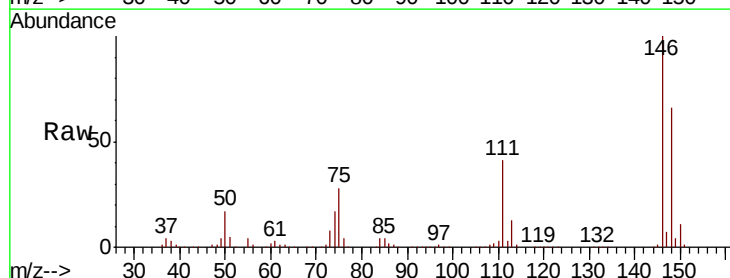
Manual Integrations
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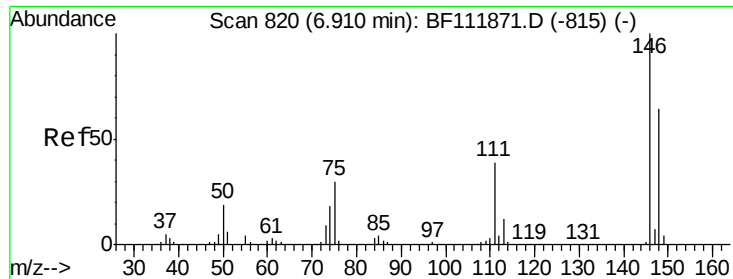
Sohil
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#12
1,3-Dichlorobenzene
Concen: 33.408 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.8	77.6
75	27.6	24.3	36.5





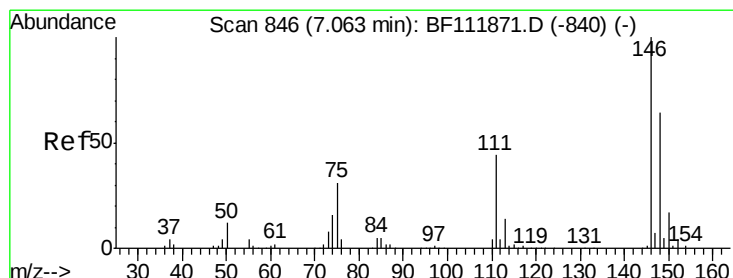
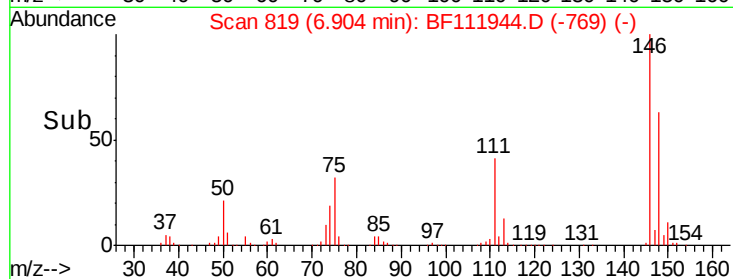
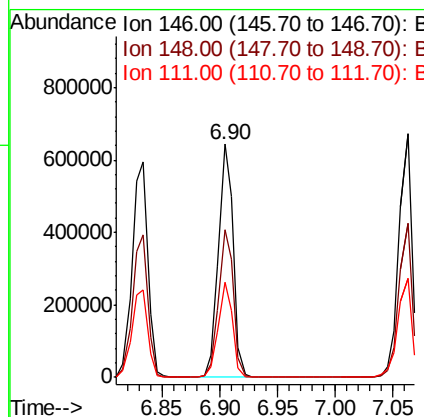
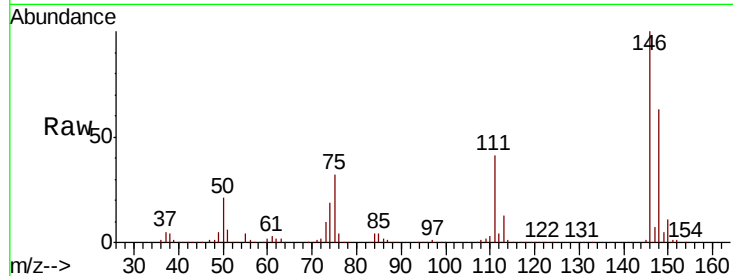
#13
1,4-Dichlorobenzene
Concen: 33.409 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.2	76.8
111	40.8	31.5	47.3

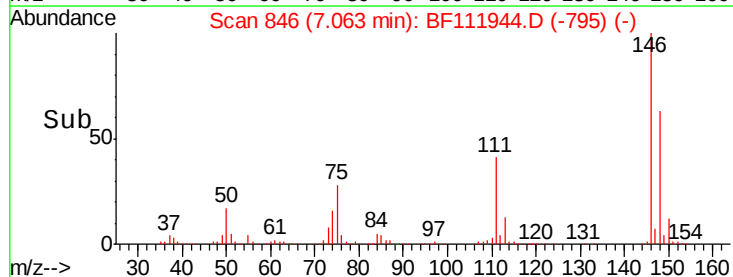
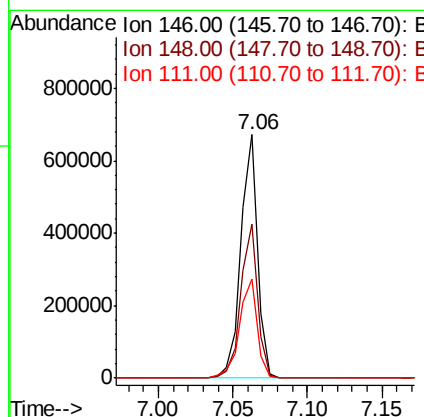
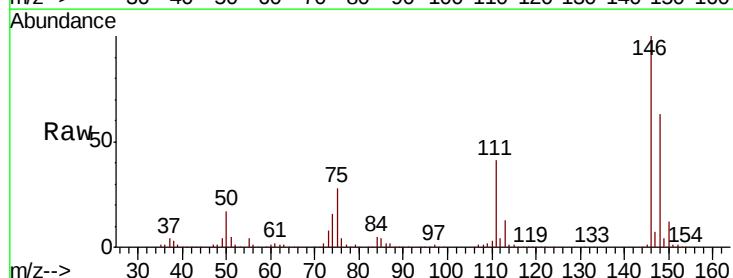
Manual Integrations
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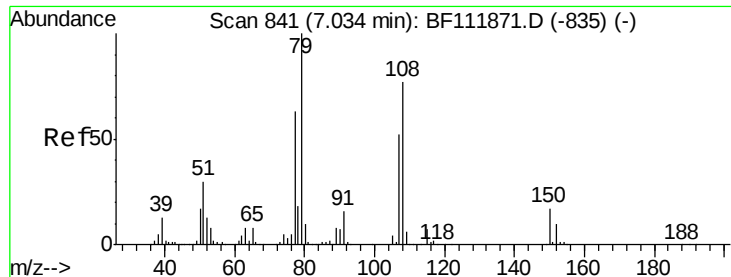
Sohil
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#14
1,2-Dichlorobenzene
Concen: 32.399 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.5	77.3
111	40.8	35.5	53.3





#15

Benzyl Alcohol

Concen: 34.337 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Instrument :

BNA_F

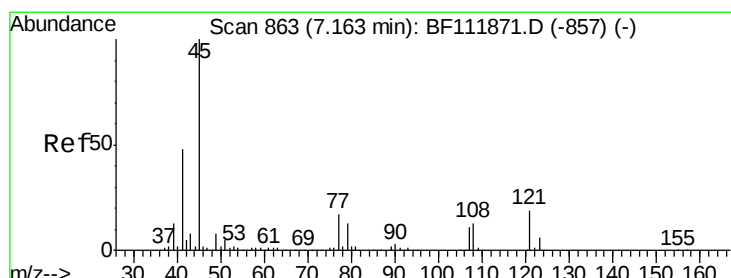
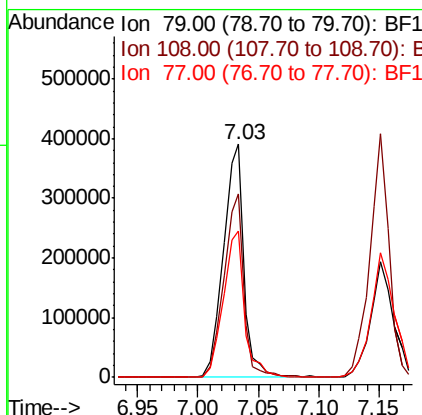
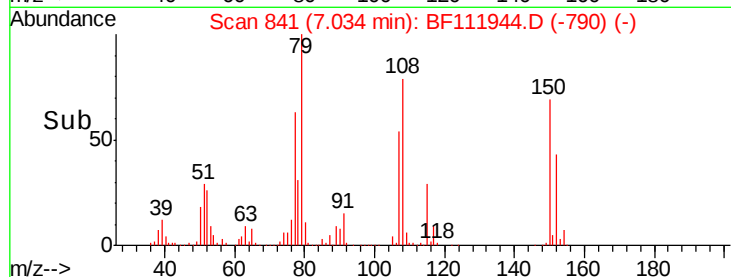
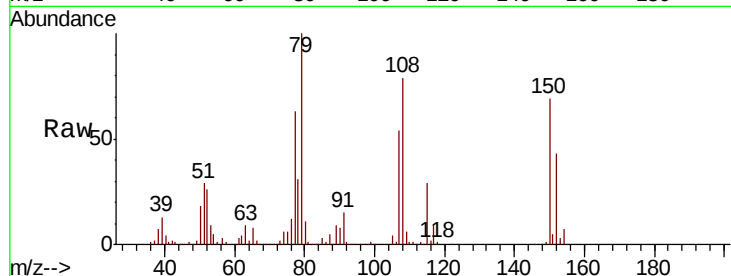
ClientSampled :

TN-1419MSD

Tot Ion:	79	Resp:	457759
Ion	Ratio	Lower	Upper
79	100		
108	78.8	61.4	92.0
77	62.9	50.4	75.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.508 ng

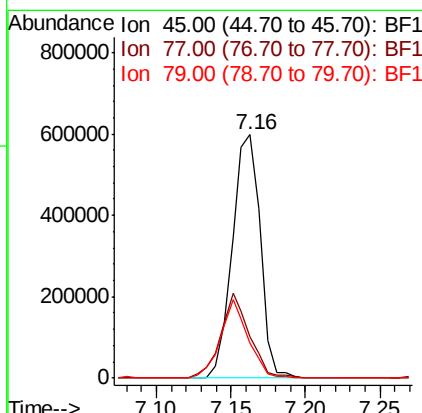
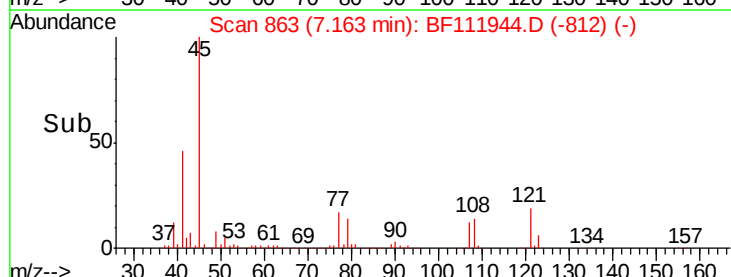
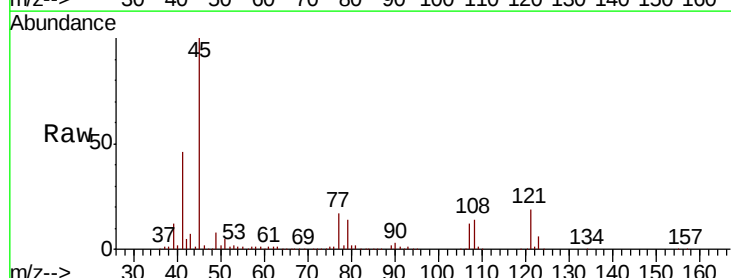
RT: 7.16 min Scan# 863

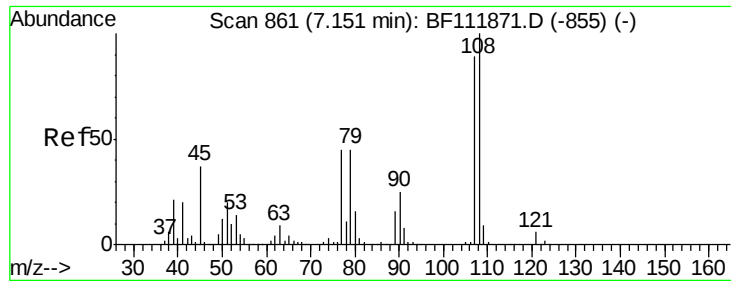
Delta R.T. -0.00 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Tgt Ion:	45	Resp:	785217
Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	37.1
79	14.2	0.0	33.9





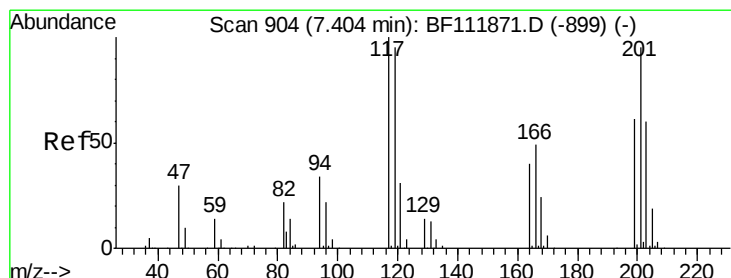
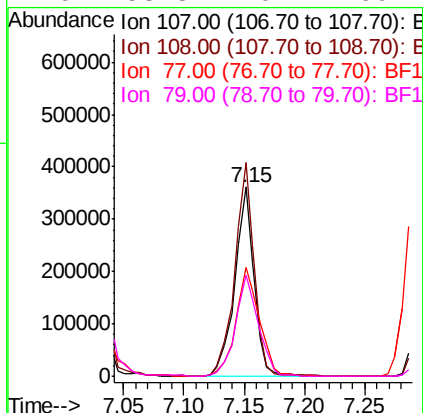
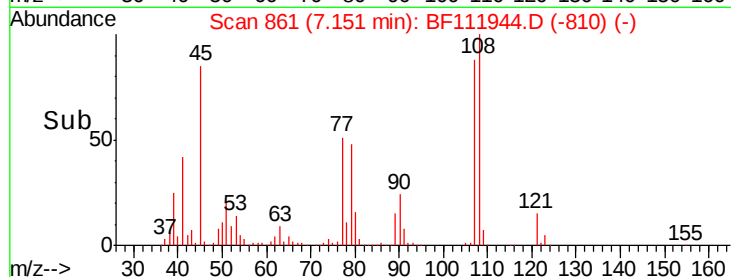
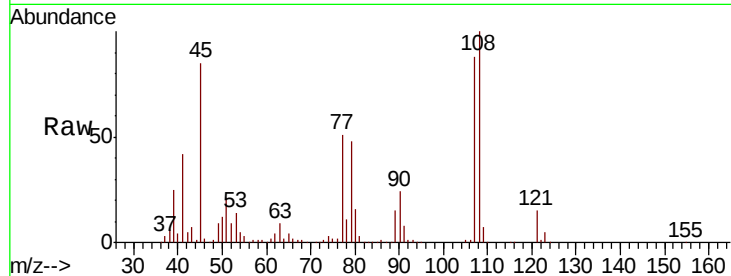
#17
2-Methylphenol
Concen: 34.315 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.7	134.5
77	57.9	40.6	60.8
79	53.8	40.2	60.2

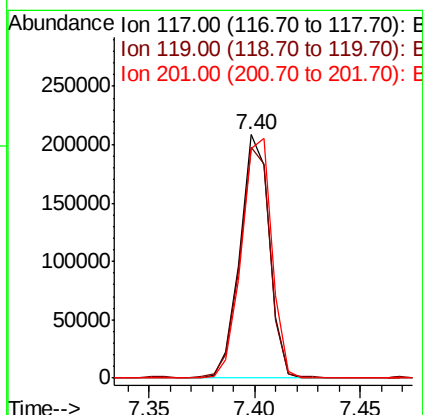
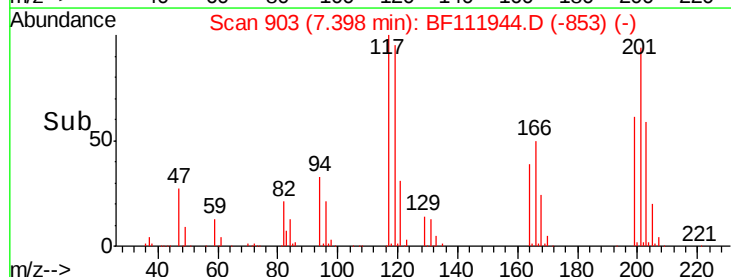
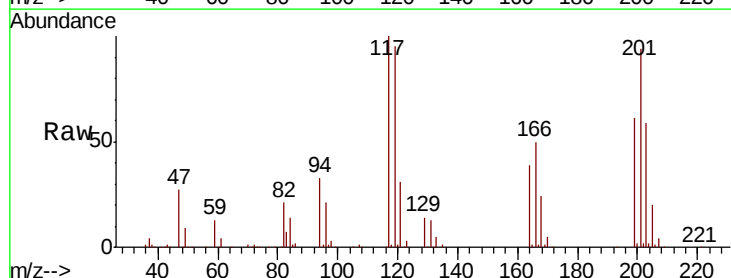
Manual Integrations
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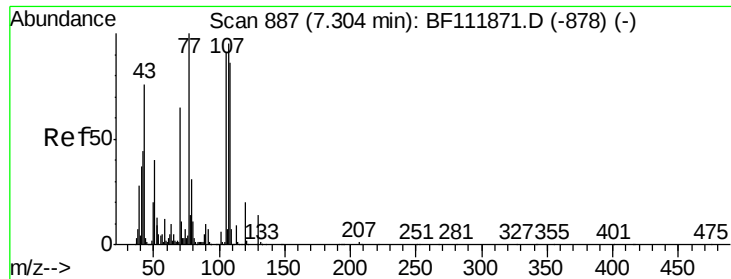
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#18
Hexachloroethane
Concen: 33.644 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.2	114.2
201	94.4	75.7	113.5





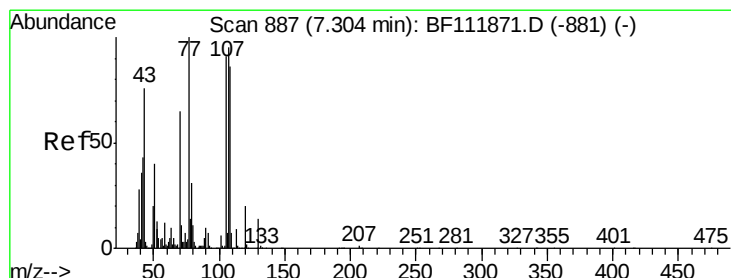
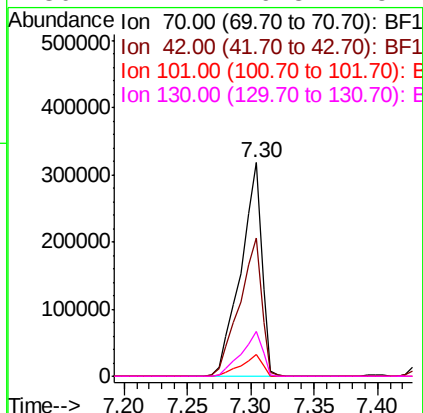
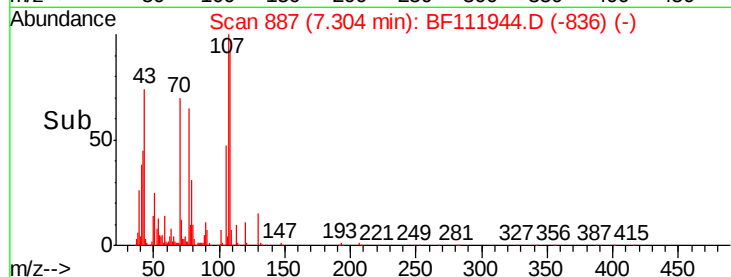
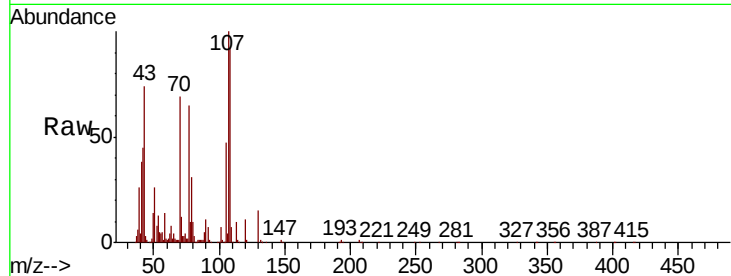
#19
n-Nitroso-di-n-propylamine
Concen: 33.584 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.8	53.6	80.4
101	9.9	7.3	10.9
130	21.2	16.8	25.2

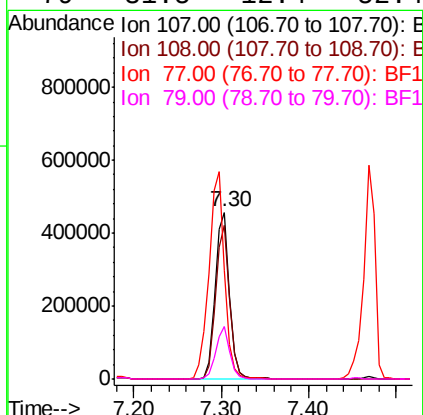
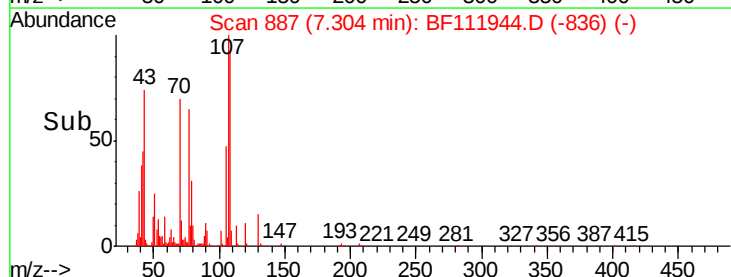
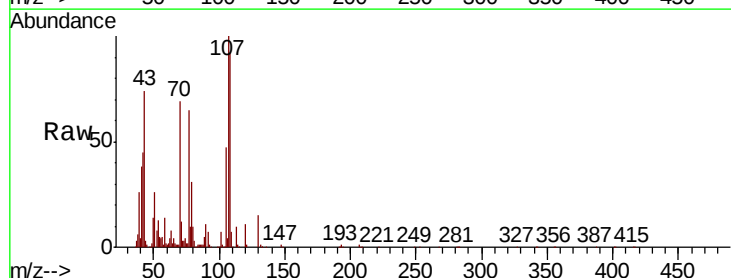
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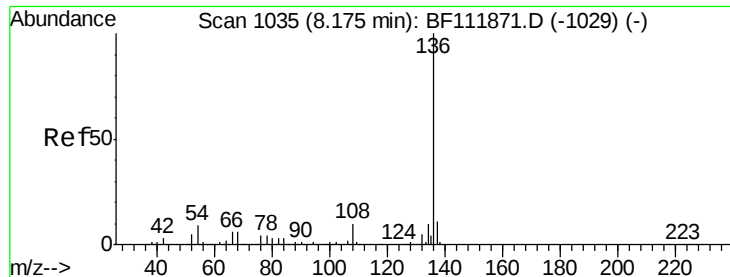
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#20
3+4-Methylphenols
Concen: 35.741 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	71.1	111.1
77	65.0	85.4	125.4#
79	31.5	12.4	52.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Instrument :

BNA_F

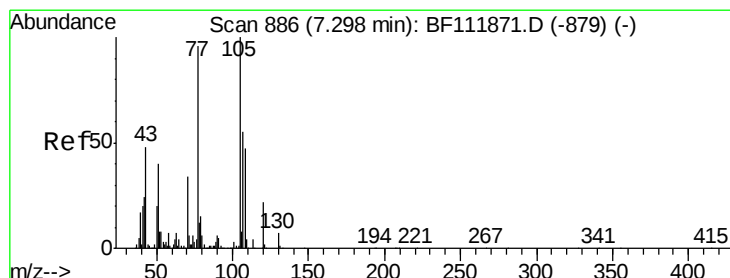
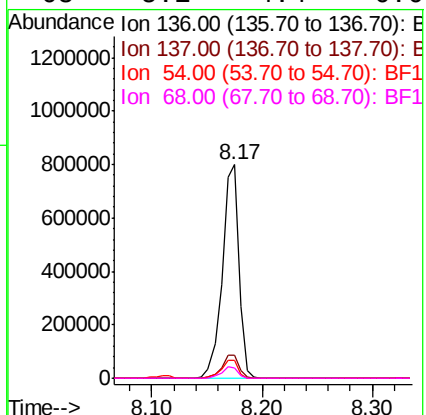
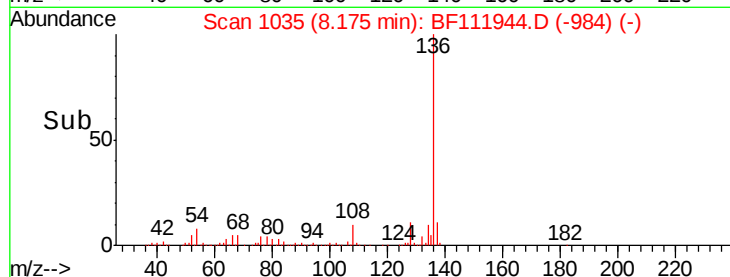
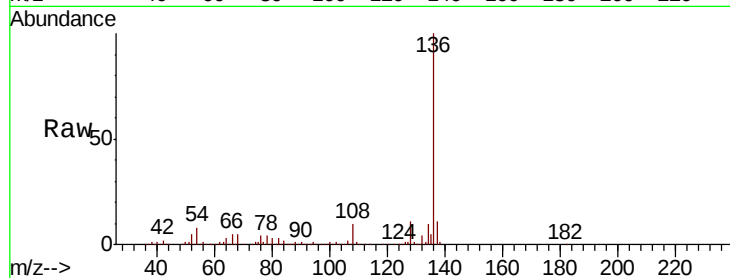
ClientSampleId :

TN-1419MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.2	7.2	10.8
68	5.1	4.4	6.6

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#22

Acetophenone

Concen: 32.607 ng

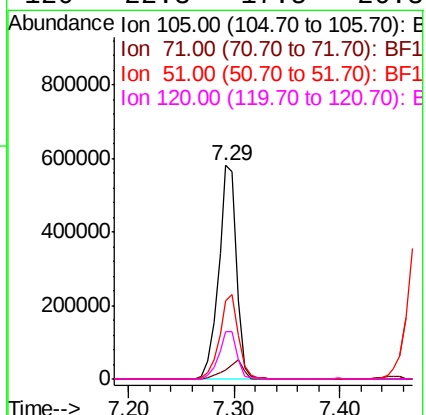
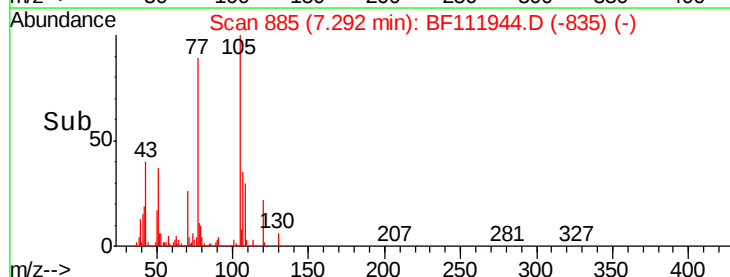
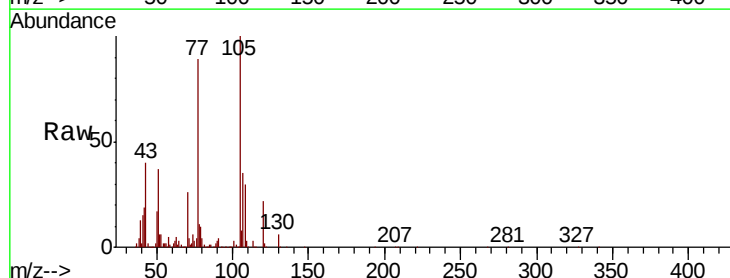
RT: 7.29 min Scan# 885

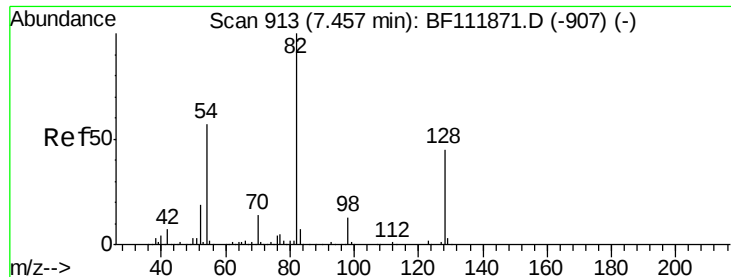
Delta R.T. -0.01 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.6	6.8#
51	36.5	32.2	48.2
120	22.3	17.5	26.3





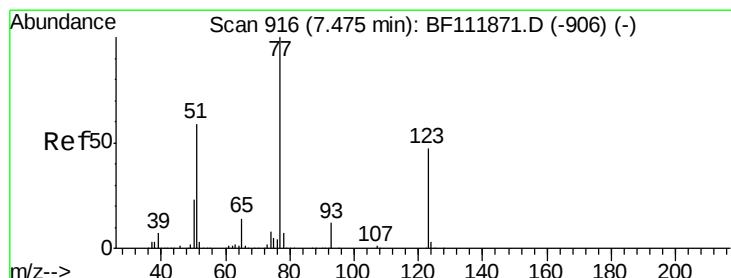
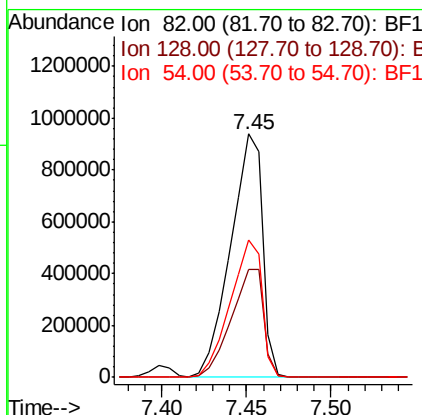
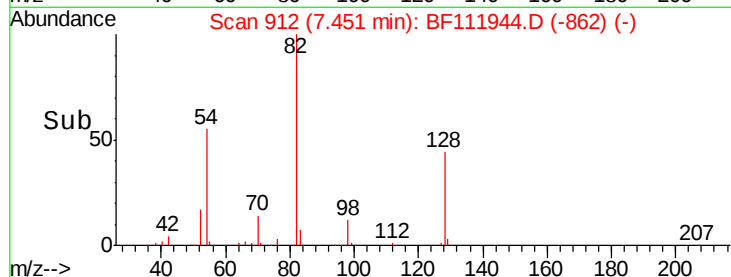
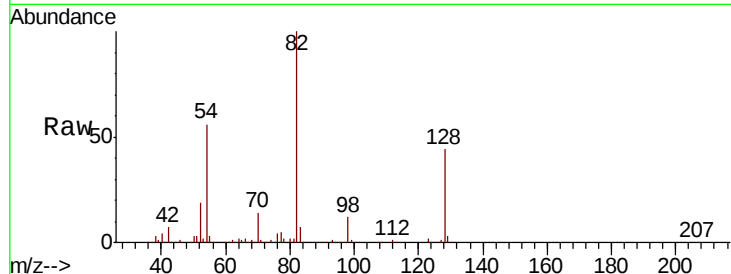
#23
Nitrobenzene-d5
Concen: 78.564 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion: 82 Resp: 1235935
Ion Ratio Lower Upper
82 100
128 44.3 35.7 53.5
54 56.4 45.8 68.8

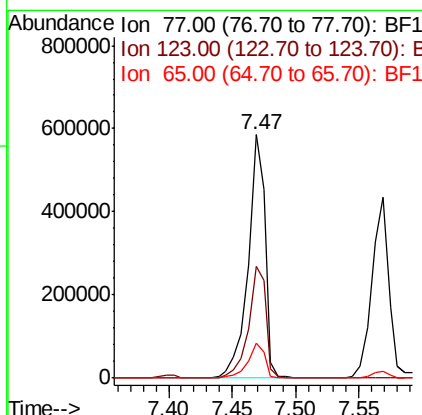
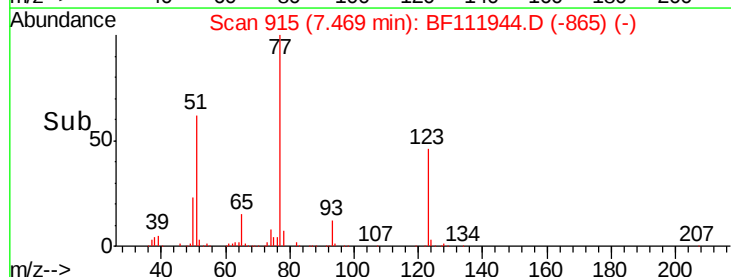
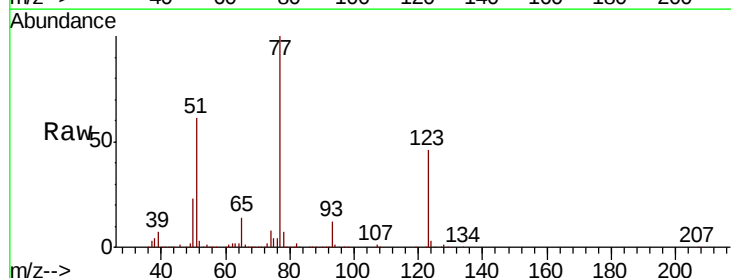
Manual Integrations
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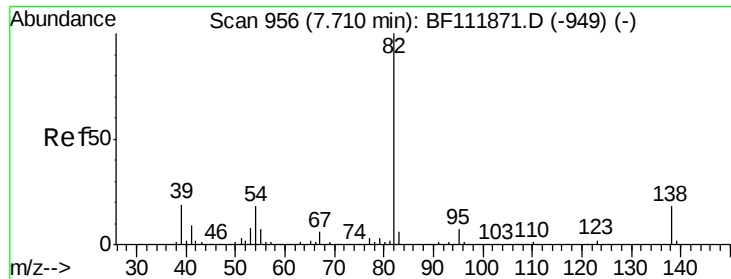
Sohil
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#24
Nitrobenzene
Concen: 34.048 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion: 77 Resp: 541840
Ion Ratio Lower Upper
77 100
123 45.8 38.1 57.1
65 14.4 11.0 16.4





#25

Isophorone

Concen: 37.211 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Instrument :

BNA_F

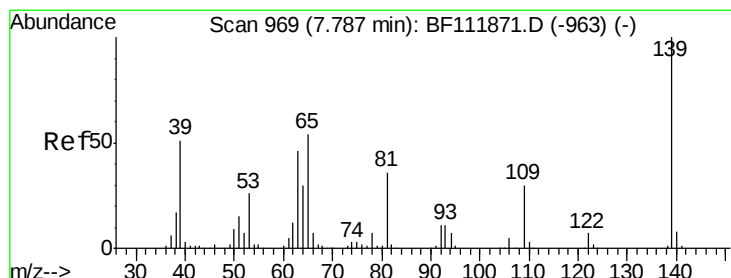
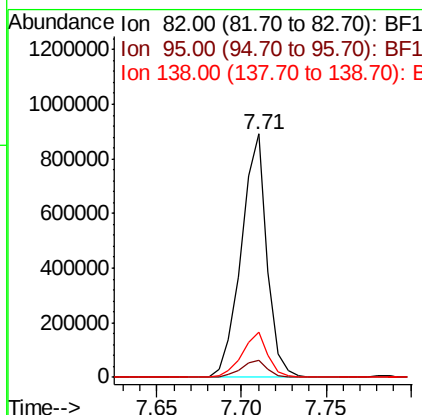
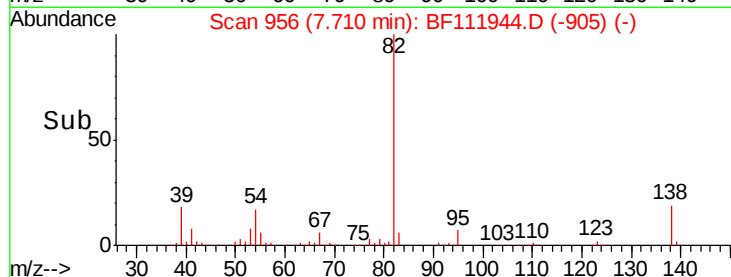
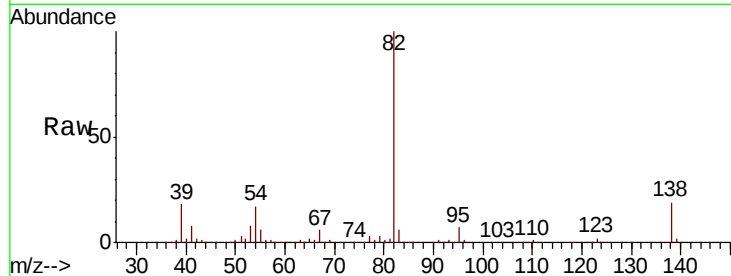
ClientSampleId :

TN-1419MSD

Tot Ion:	82	Resp:	947921
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	18.7	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.609 ng

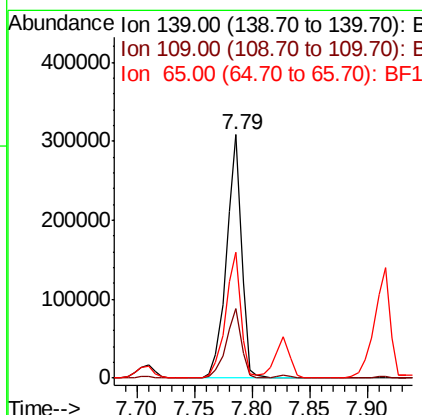
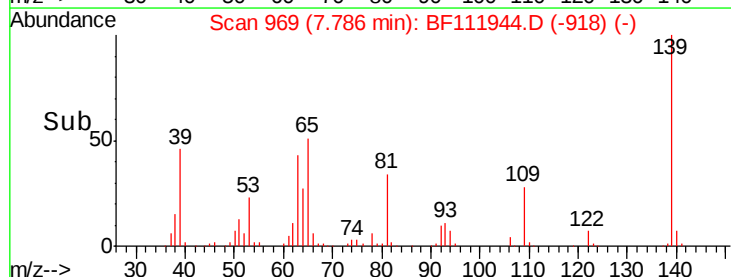
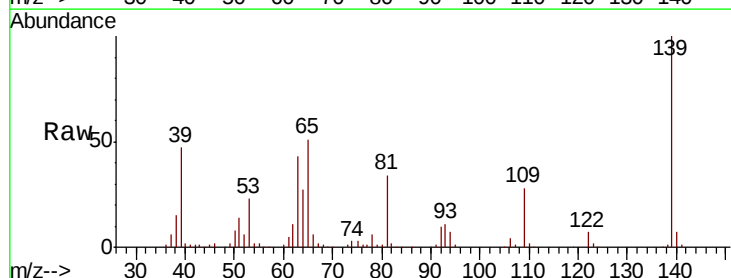
RT: 7.79 min Scan# 969

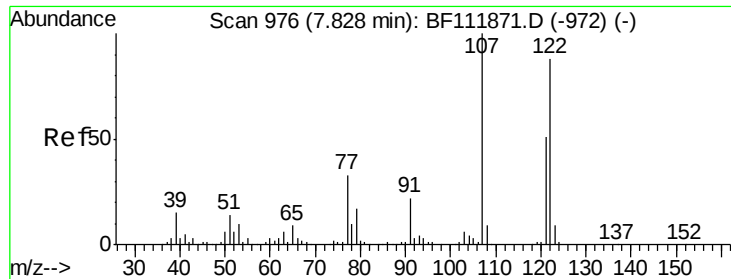
Delta R.T. -0.00 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Tgt Ion:	139	Resp:	279019
Ion Ratio	Lower	Upper	
139	100		
109	28.4	24.1	36.1
65	51.4	43.6	65.4





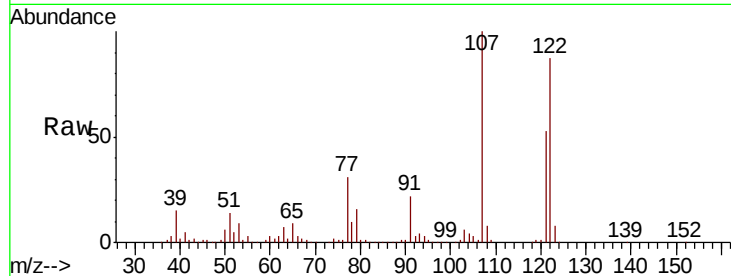
#27
2,4-Dimethylphenol
Concen: 40.213 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.3	91.0	136.6
121	60.1	46.8	70.2

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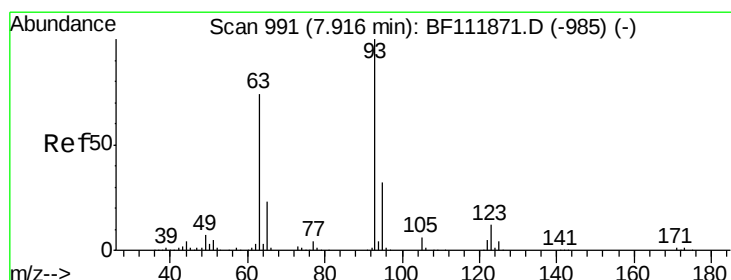
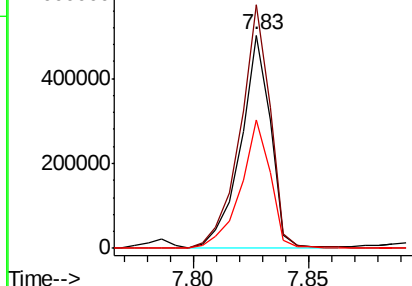
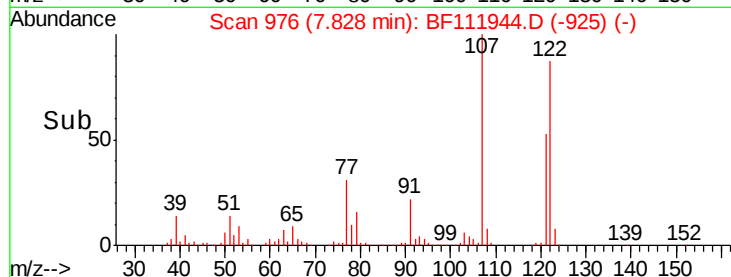


Abundance

Ion 122.00 (121.70 to 122.70): E

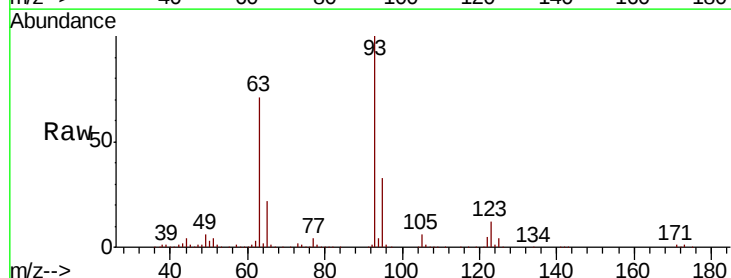
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 36.376 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.6
123	11.7	9.5	14.3

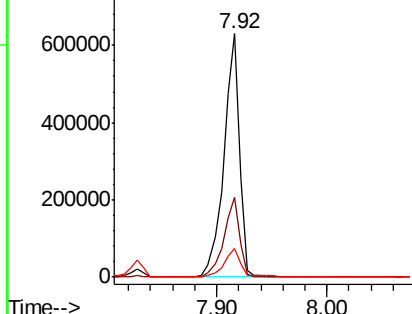
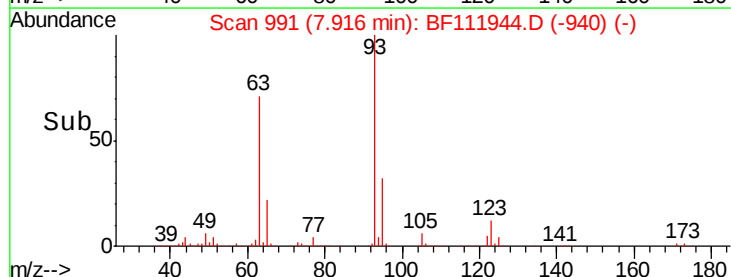


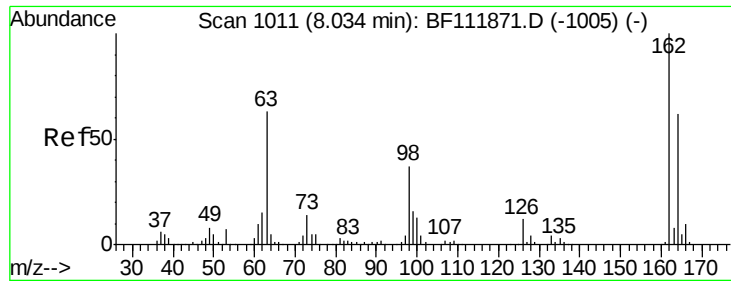
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





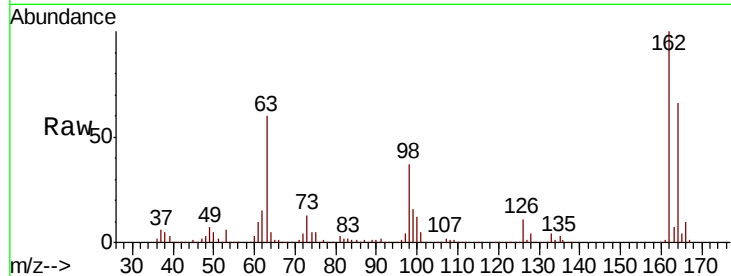
#29
 2,4-Dichlorophenol
 Concen: 35.545 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF111944.D
 Acq: 9 Jan 2019 12:06

Instrument :
 BNA_F
 ClientSampleId :
 TN-1419MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	463064		
164	65.5	42.1	82.1	
98	37.0	17.2	57.2	

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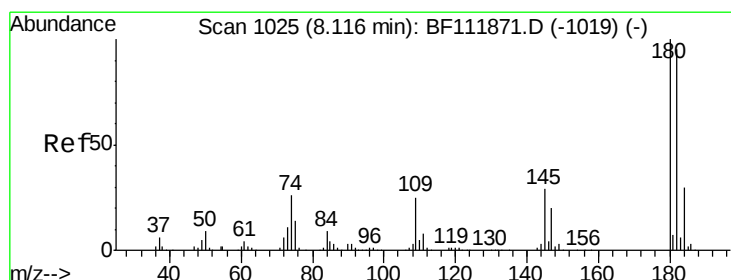
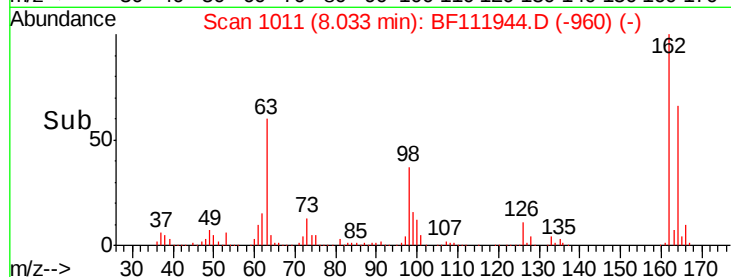
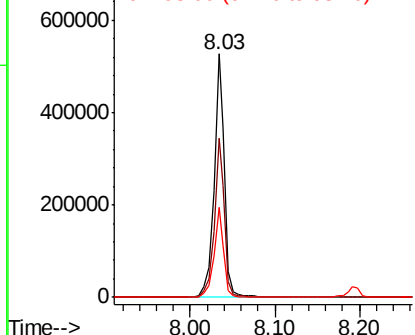


Abundance

Ion 162.00 (161.70 to 162.70): E

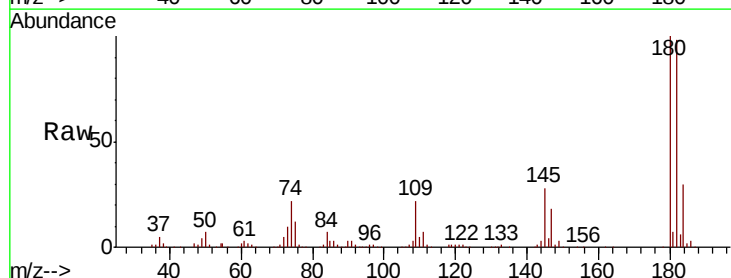
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 34.405 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF111944.D
 Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	494460		
182	97.6	76.2	114.4	
145	28.3	23.4	35.2	

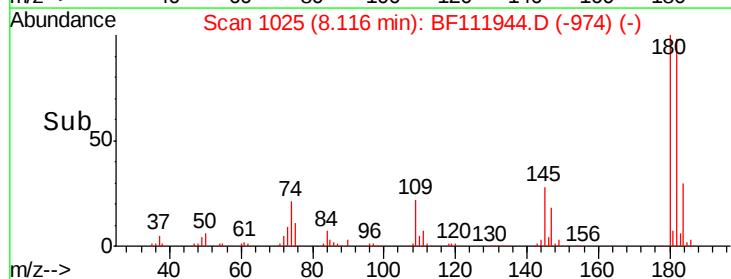
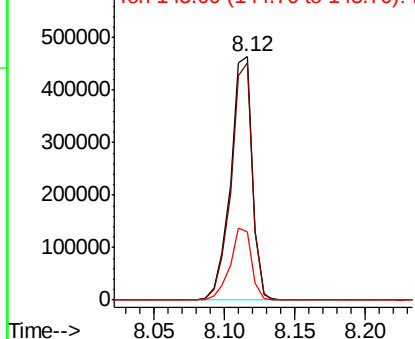


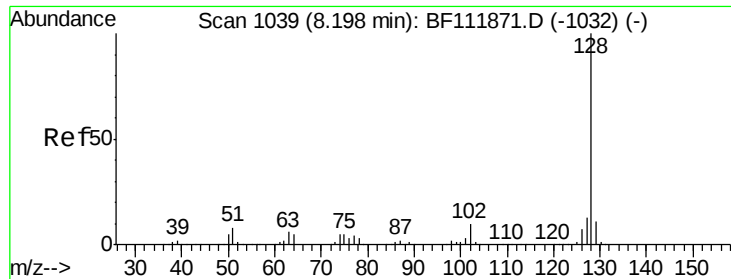
Abundance

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





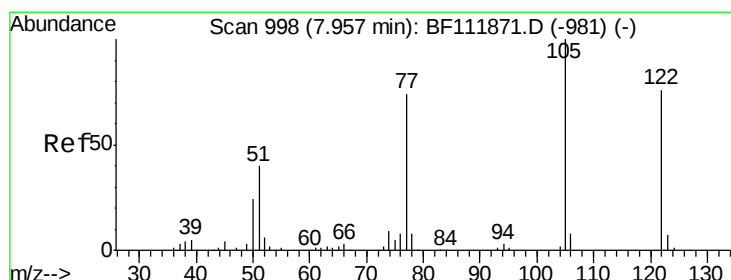
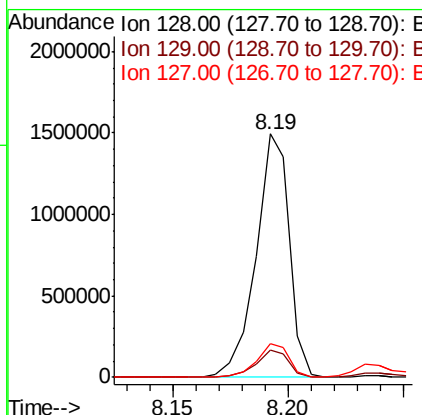
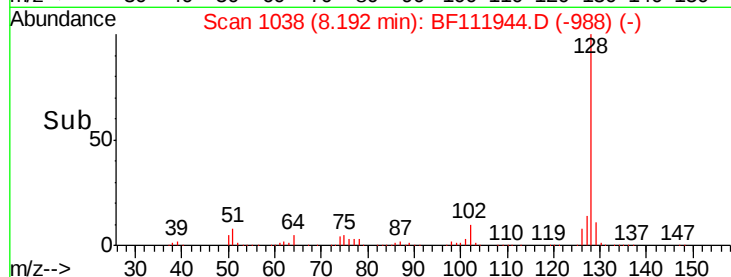
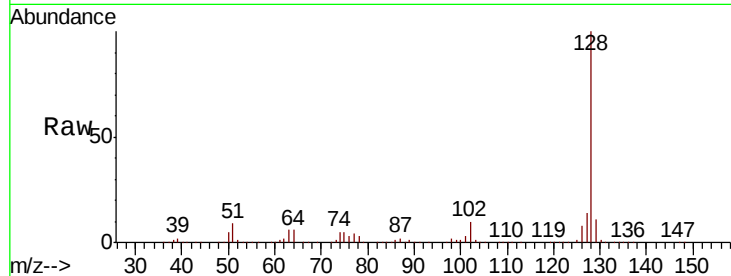
#31
Naphthalene
Concen: 37.677 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion:128 Resp: 1503781
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.7 10.7 16.1

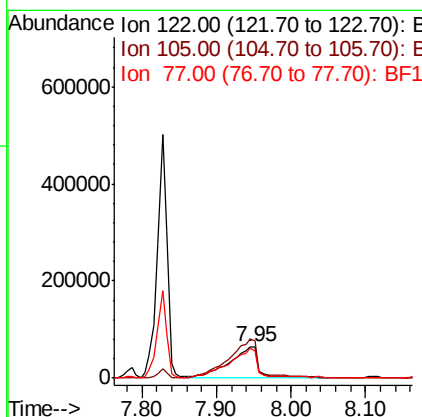
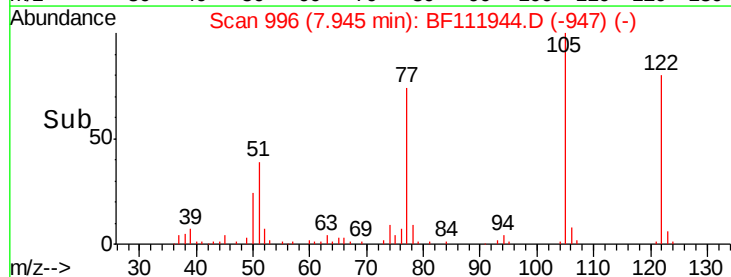
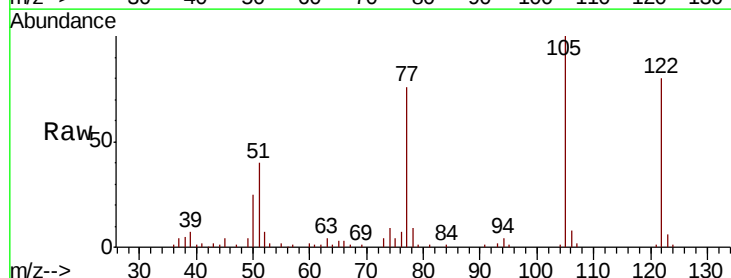
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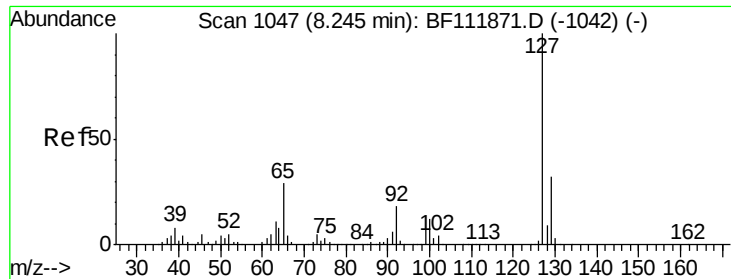
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#32
Benzoic acid
Concen: 23.746 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion:122 Resp: 174584
Ion Ratio Lower Upper
122 100
105 125.4 107.9 147.9
77 94.7 76.6 116.6





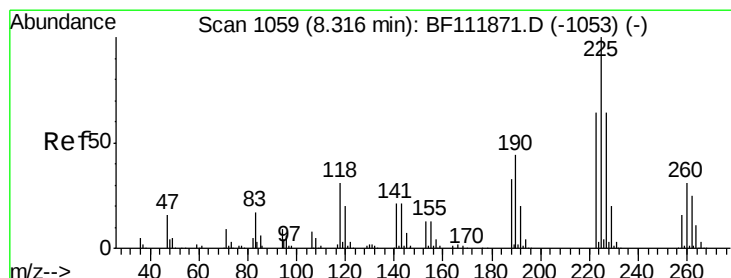
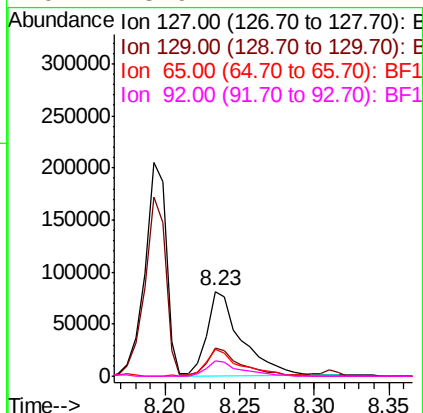
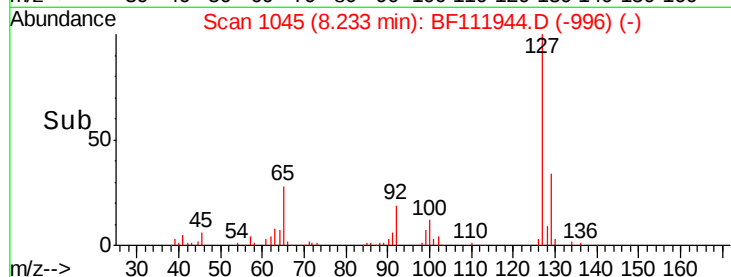
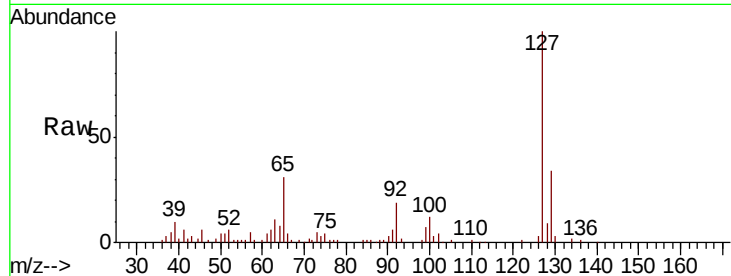
#33
4-Chloroaniline
Concen: 7.409 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.5	25.8	38.6	
65	31.2	23.5	35.3	
92	18.9	14.2	21.2	

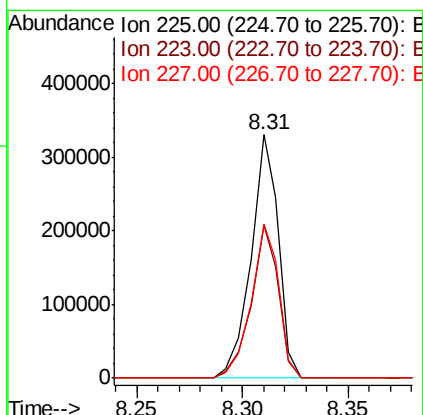
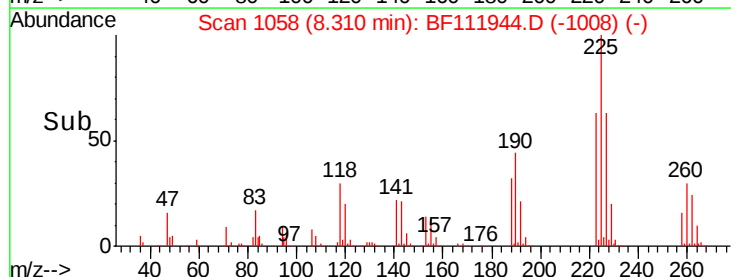
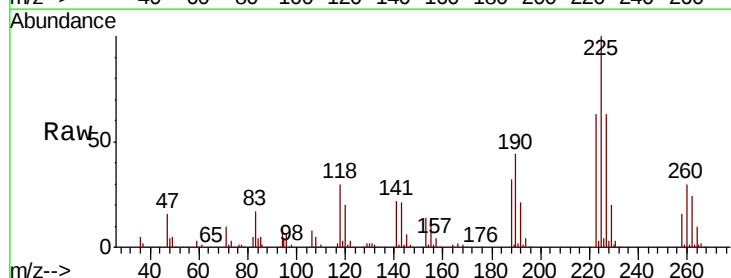
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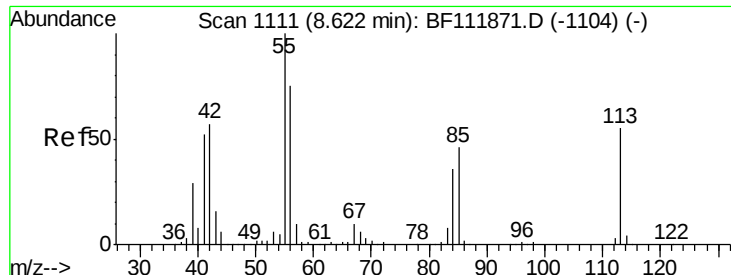
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#34
Hexachlorobutadiene
Concen: 33.310 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	50.9	76.3	
227	63.2	51.4	77.0	





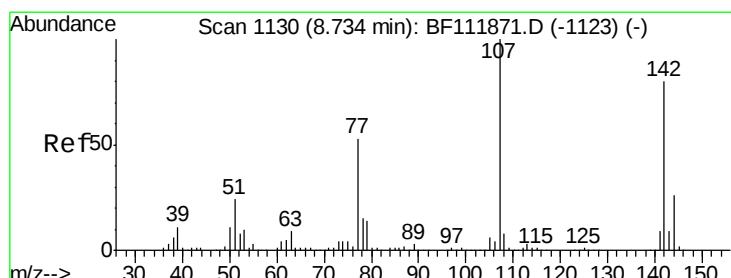
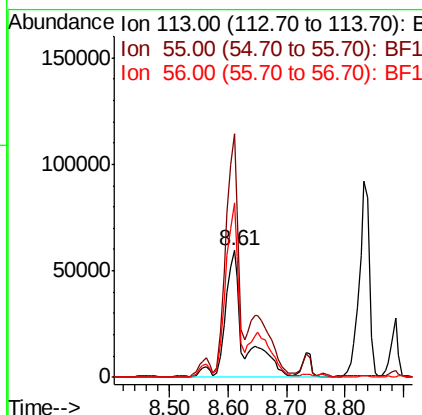
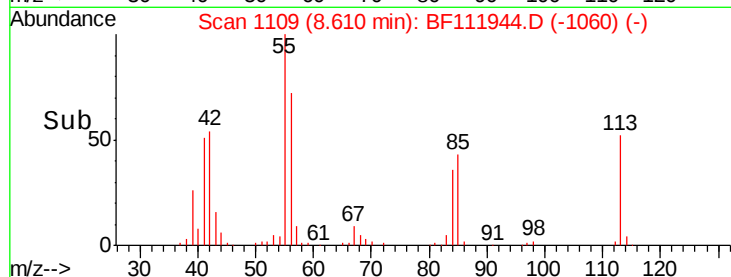
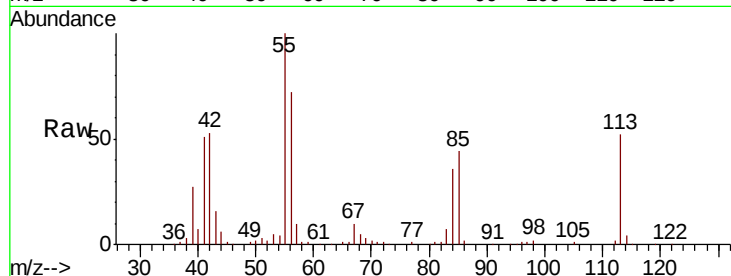
#35
Caprolactam
Concen: 35.107 ng/ml
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	192.2	162.0	202.0
56	137.8	116.0	156.0

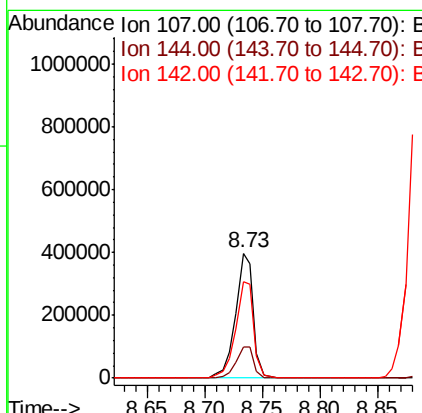
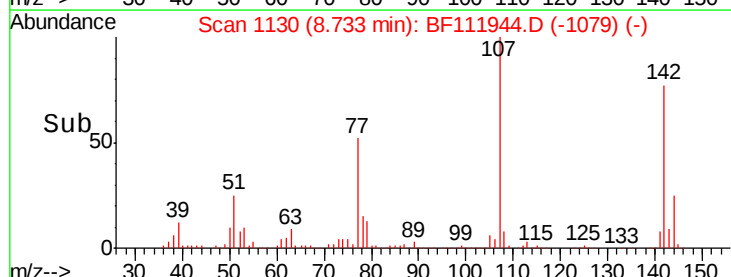
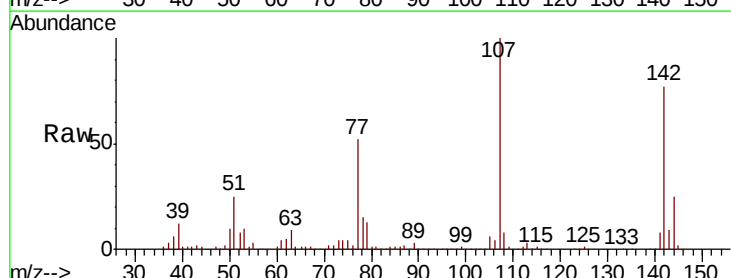
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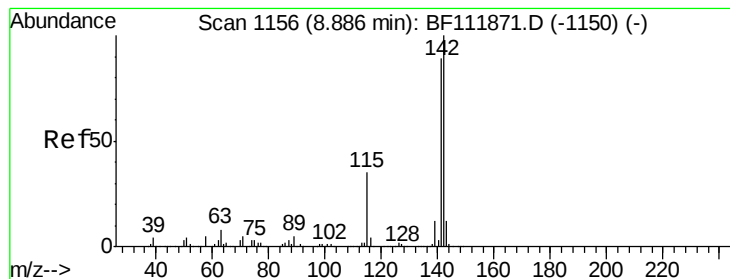
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#36
4-Chloro-3-methylphenol
Concen: 32.649 ng/ml
RT: 8.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.7	31.1
142	77.3	63.9	95.9





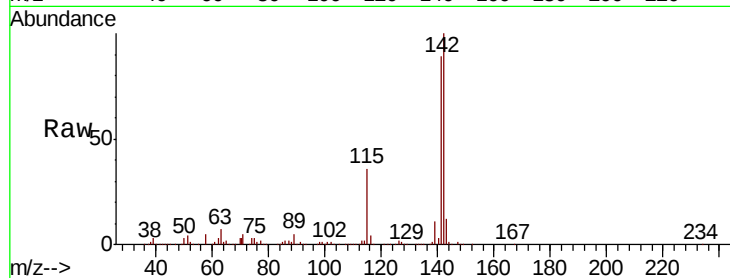
#37
2-Methylnaphthalene
Concen: 40.717 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.2
115	35.6	28.3	42.5

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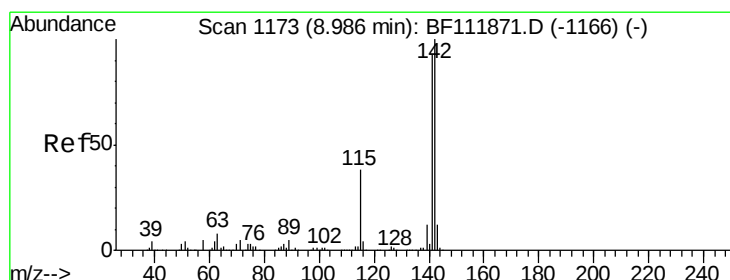
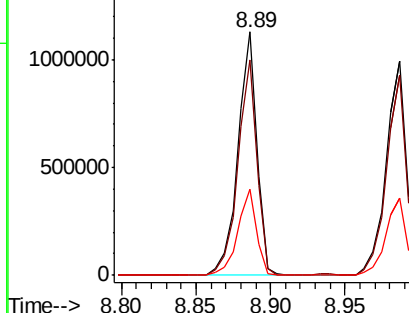
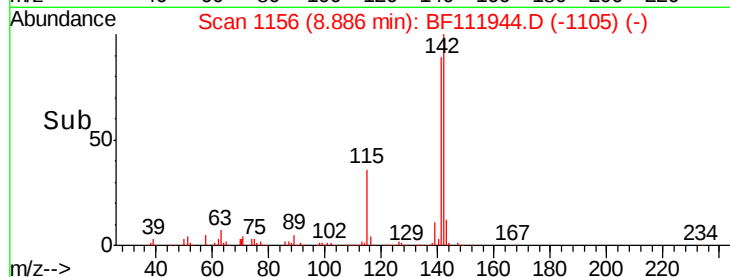


Abundance

Ion 142.00 (141.70 to 142.70): E

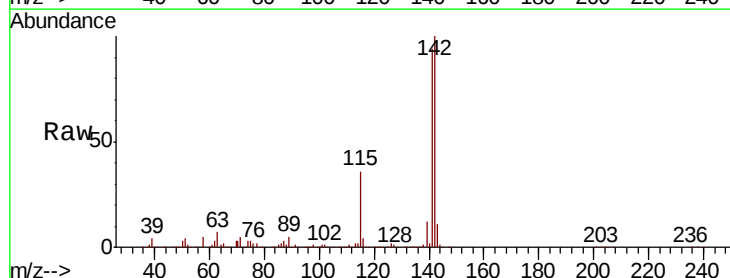
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.218 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.8	112.2
116	3.8	3.1	4.7

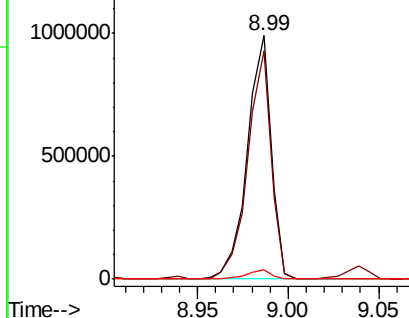
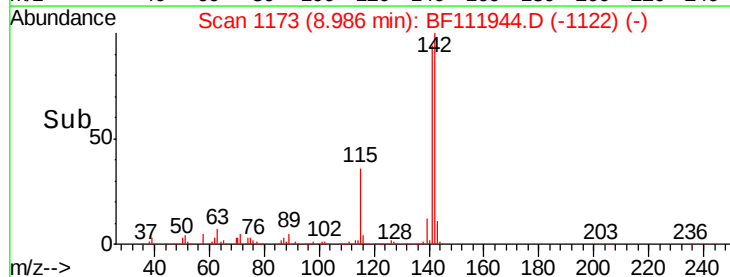


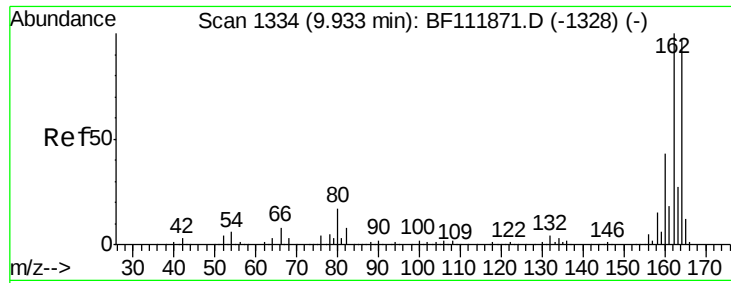
Abundance

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





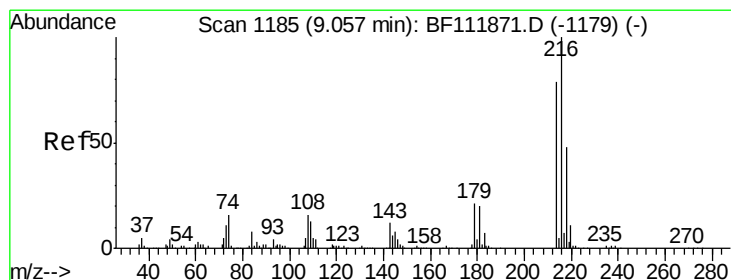
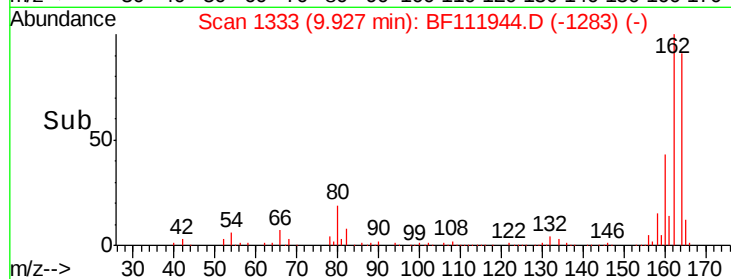
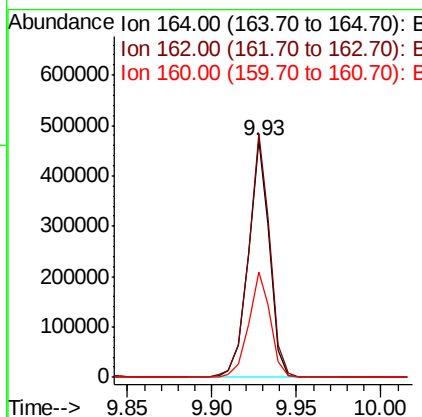
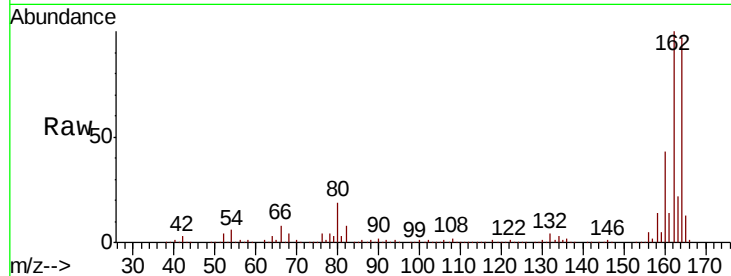
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.2
160	44.3	35.5	53.3

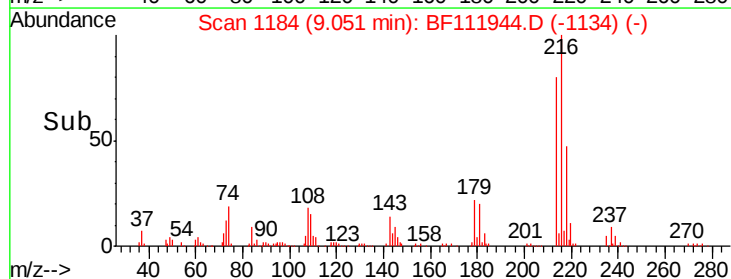
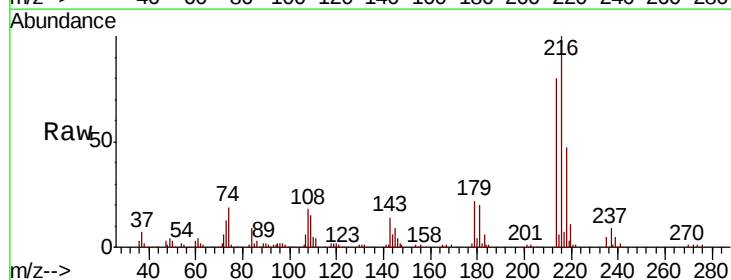
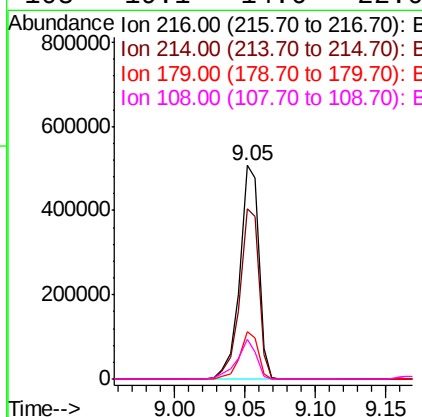
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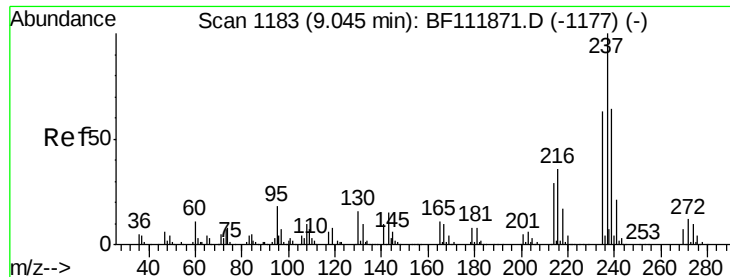
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.543 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.5	95.3
179	21.1	17.0	25.6
108	19.1	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 54.785 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Instrument :

BNA_F

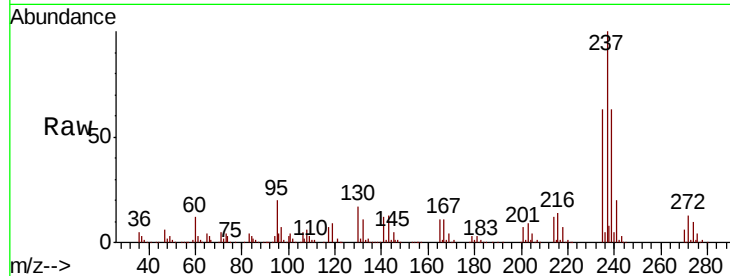
ClientSampleId :

TN-1419MSD

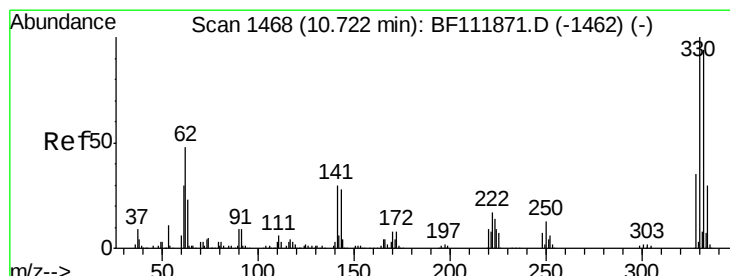
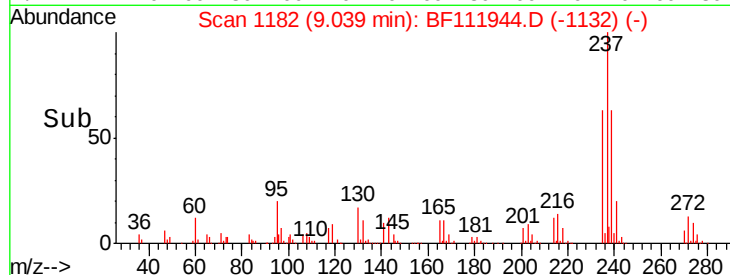
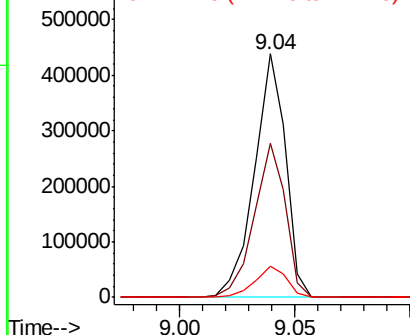
Tot Ion:	237	Resp:	413720
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.6	82.6
272	12.8	0.0	32.3

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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: 89.345 ng

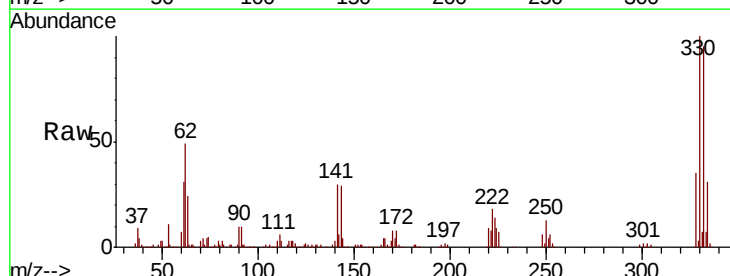
RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

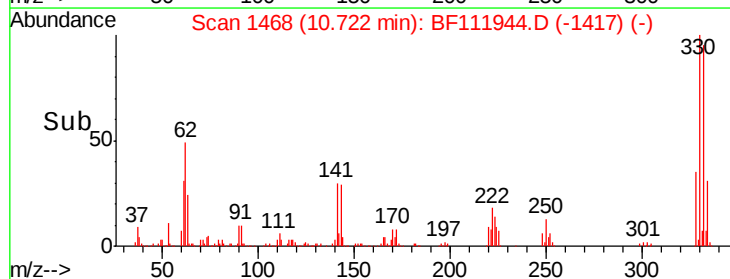
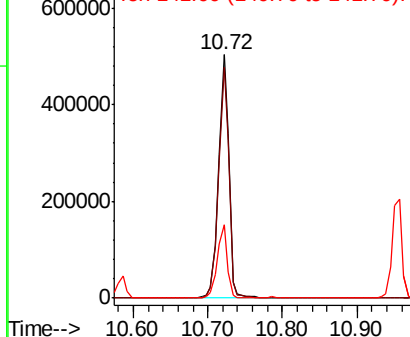
Lab File: BF111944.D

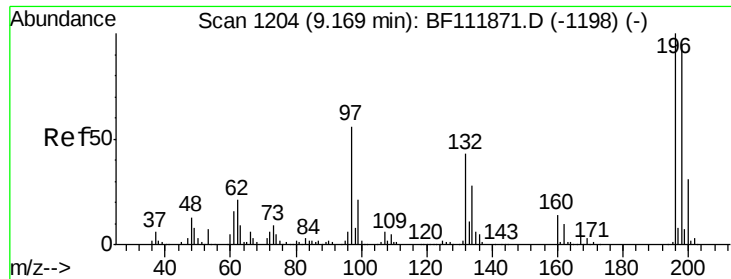
Acq: 9 Jan 2019 12:06

Tgt Ion:	330	Resp:	476091
Ion Ratio	Lower	Upper	
330	100		
332	95.7	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





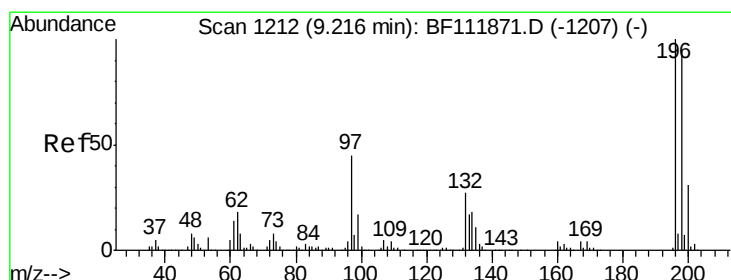
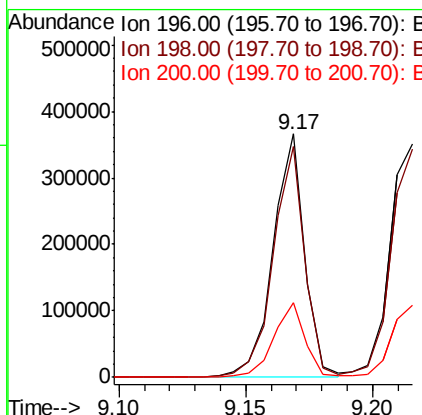
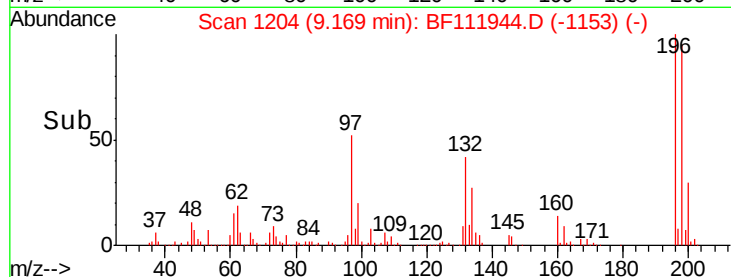
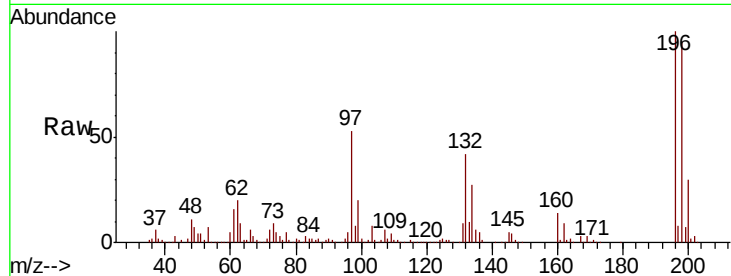
#43
 2,4,6-Trichlorophenol
 Concen: 35.954 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF111944.D
 Acq: 9 Jan 2019 12:06

Instrument :
 BNA_F
 ClientSampled :
 TN-1419MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	318507		
198	94.7	75.8	113.8	
200	30.4	24.5	36.7	

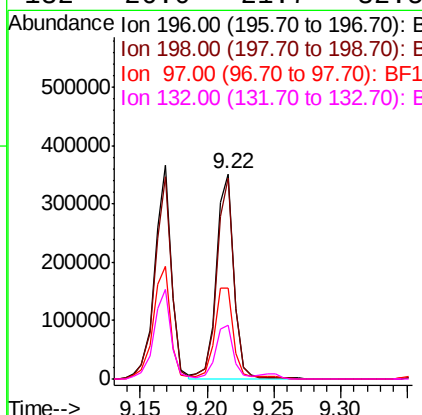
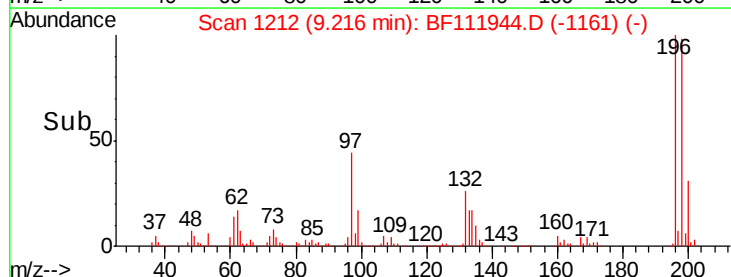
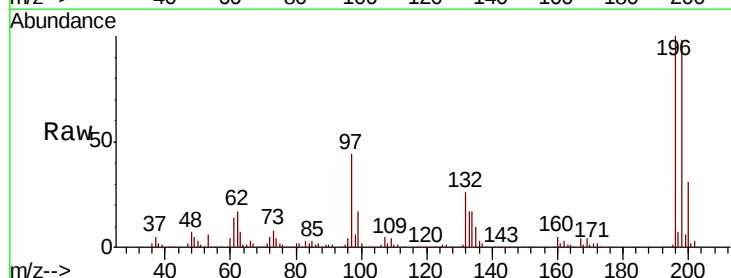
Manual Integrations
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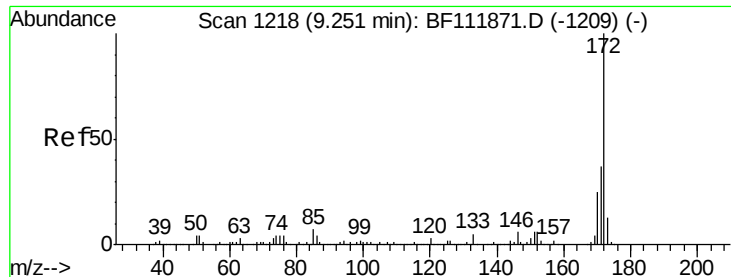
Sohil
 1/10/2019 11:45:49 AM



#44
 2,4,5-Trichlorophenol
 Concen: 35.309 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF111944.D
 Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	327722		
198	97.9	76.2	114.2	
97	44.1	36.4	54.6	
132	26.0	21.7	32.5	





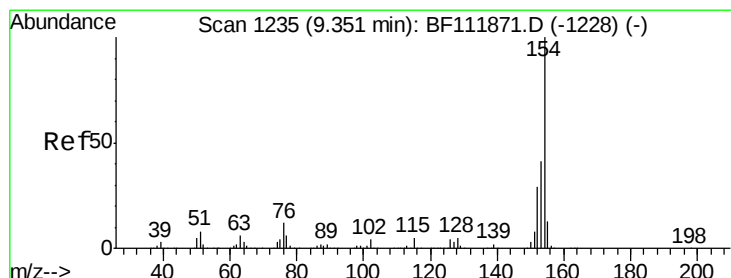
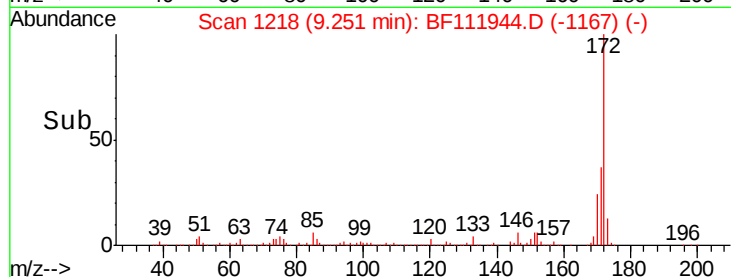
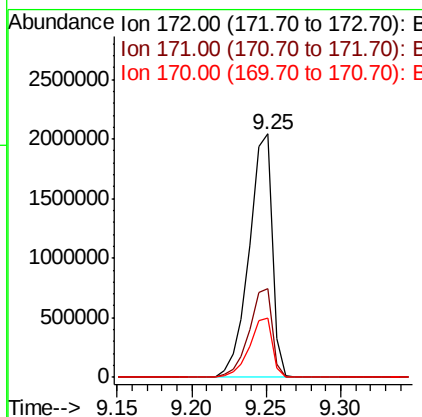
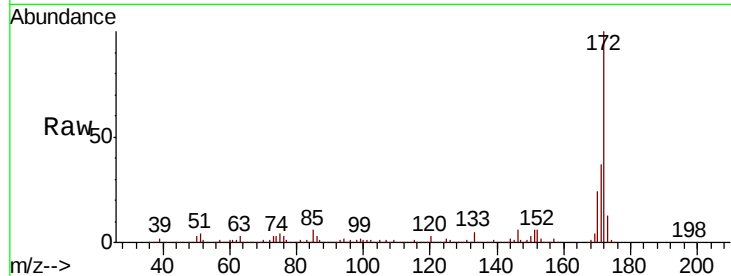
#45
2-Fluorobiphenyl
Concen: 77.942 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampled :
TN-1419MSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.5	29.6	44.4	
170	24.3	19.8	29.8	

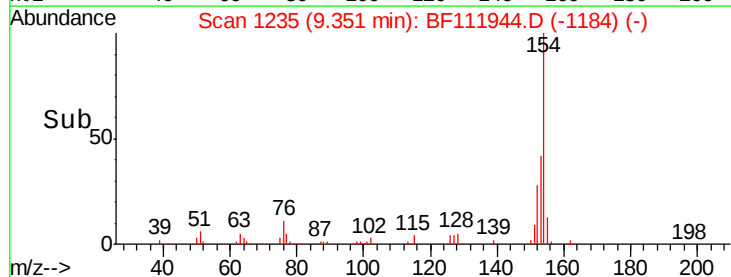
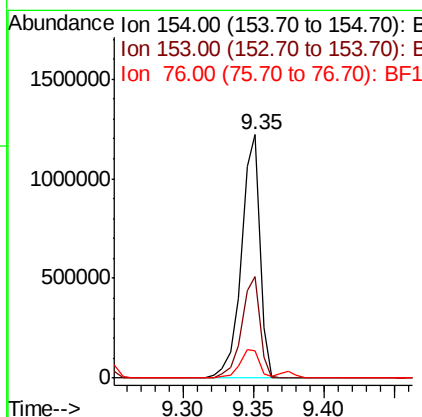
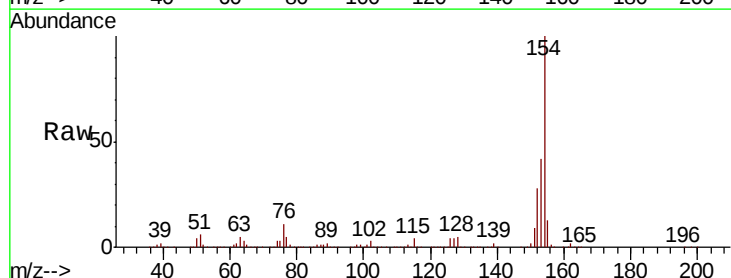
Manual Integrations
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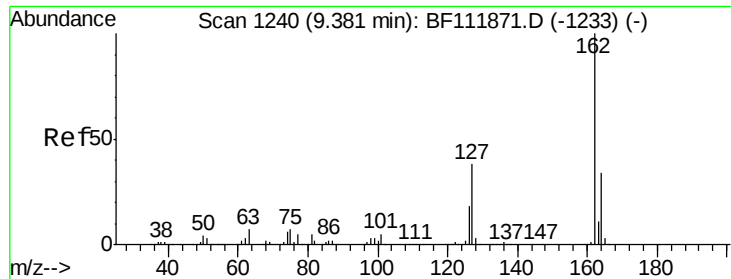
Sohil
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#46
1,1'-Biphenyl
Concen: 32.404 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.6	21.3	61.3	
76	11.0	0.0	32.3	





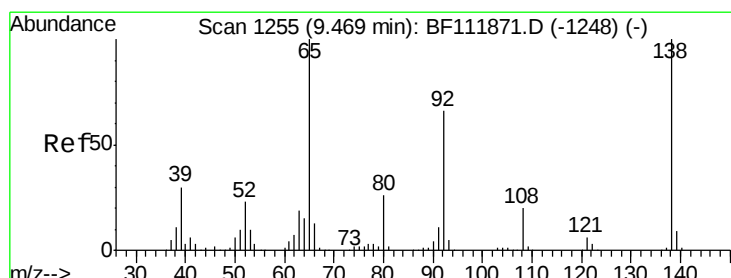
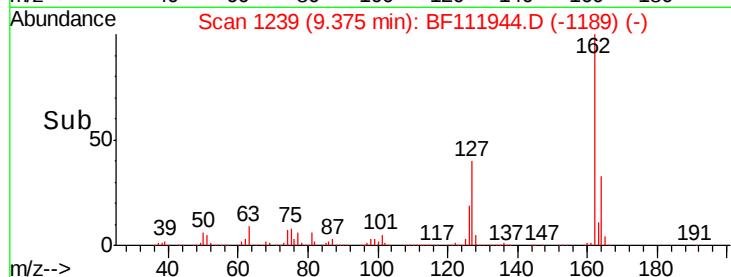
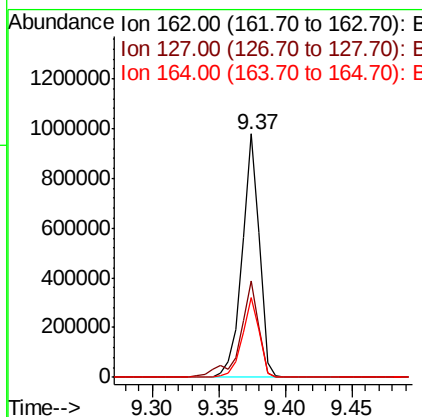
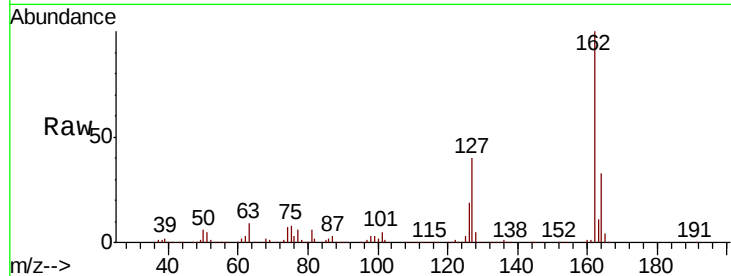
#47
2-Chloronaphthalene
Concen: 32.479 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.2	46.8
164	32.9	27.0	40.6

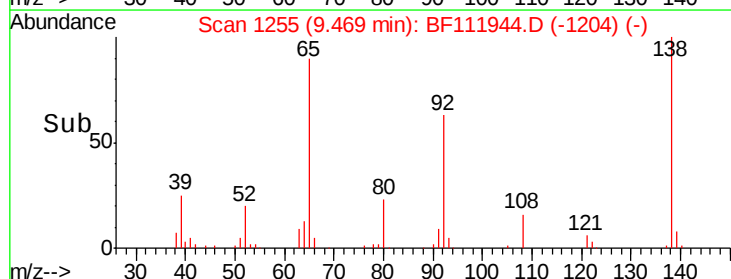
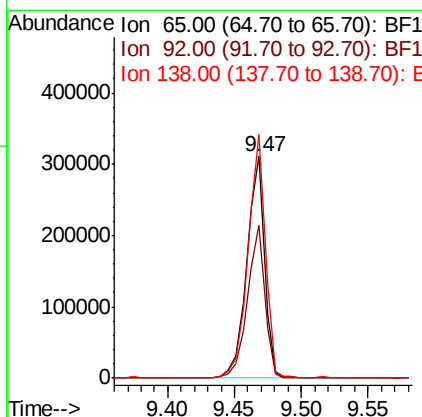
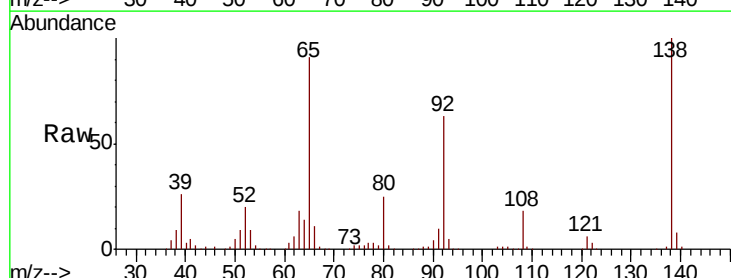
Manual Integrations
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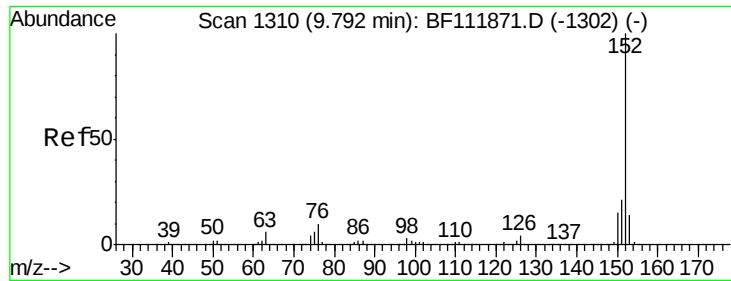
Sohil
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#48
2-Nitroaniline
Concen: 34.520 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	52.5	78.7
138	109.8	79.8	119.6





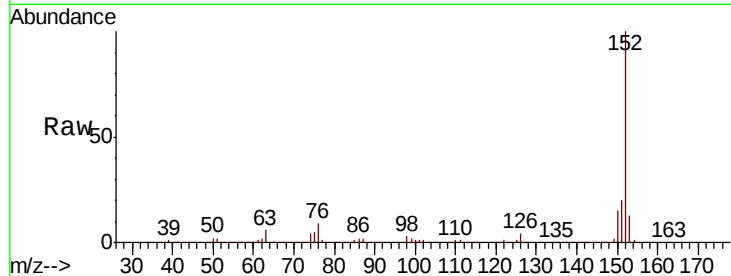
#49
Acenaphthylene
Concen: 36.577 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

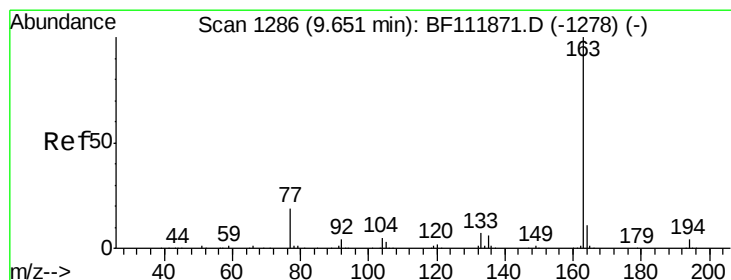
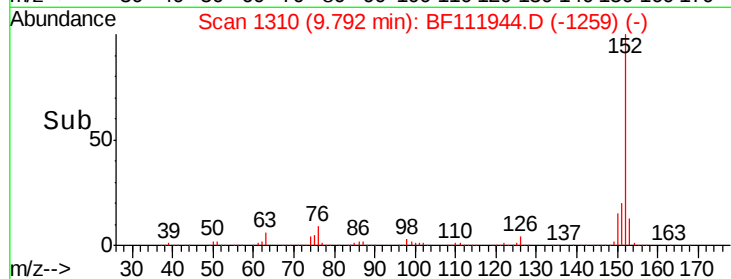
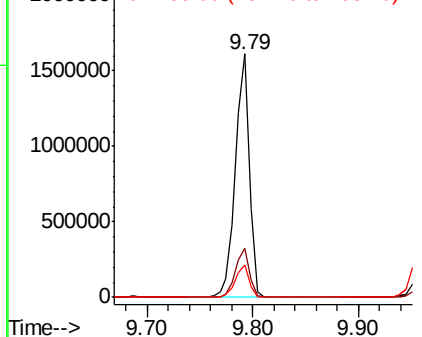
Tot Ion:152 Resp: 1454426
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0
153 13.4 11.0 16.4

Manual Integrations
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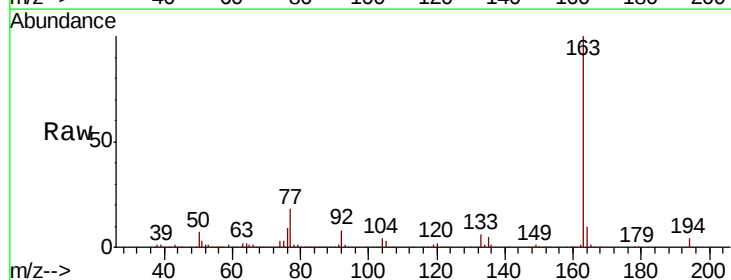


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

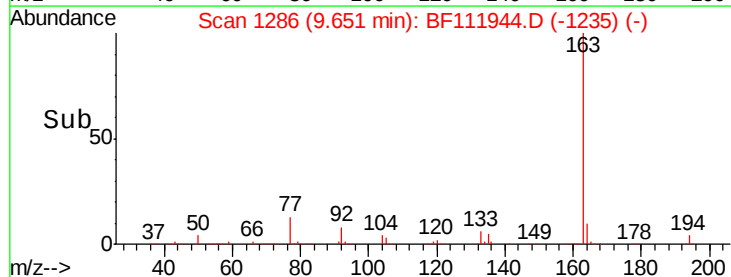
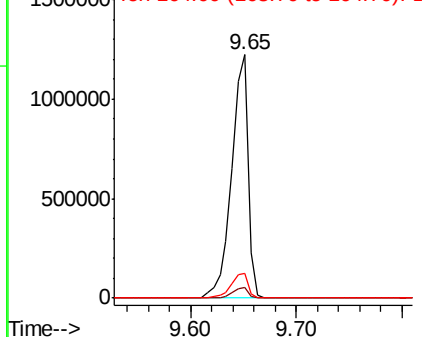


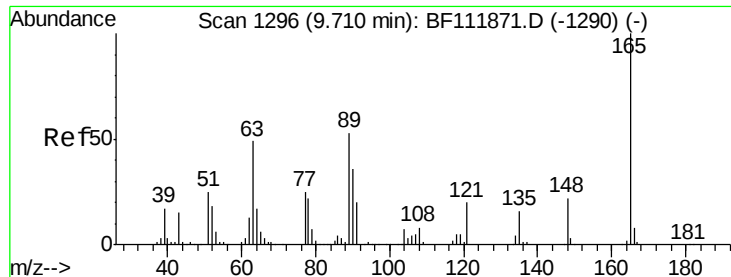
#50
Dimethylphthalate
Concen: 42.637 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion:163 Resp: 1312157
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 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





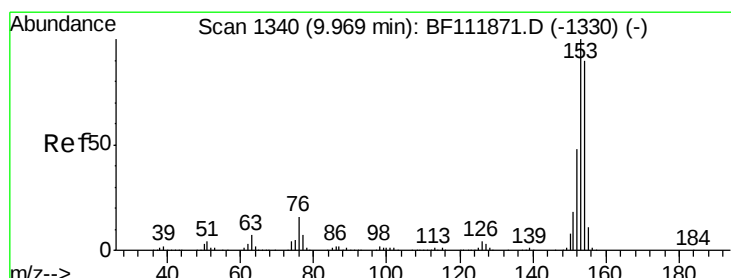
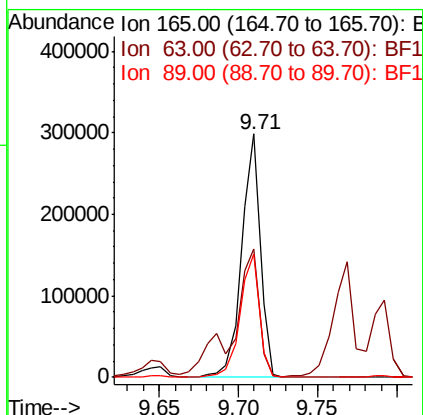
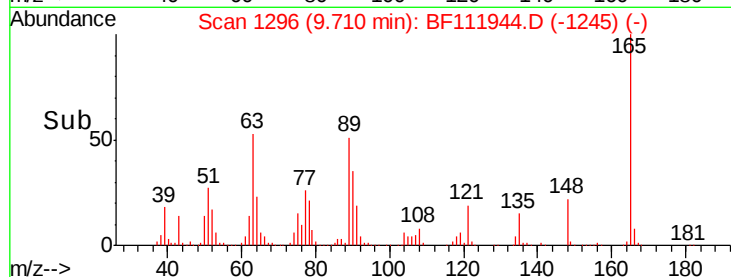
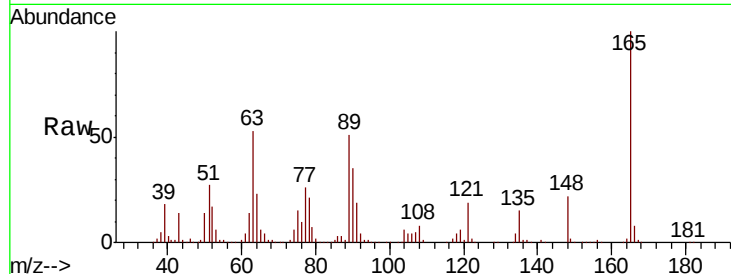
#51
2,6-Dinitrotoluene
Concen: 35.568 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampled :
TN-1419MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	244778		
63	52.9	46.2	69.2	
89	50.6	42.2	63.2	

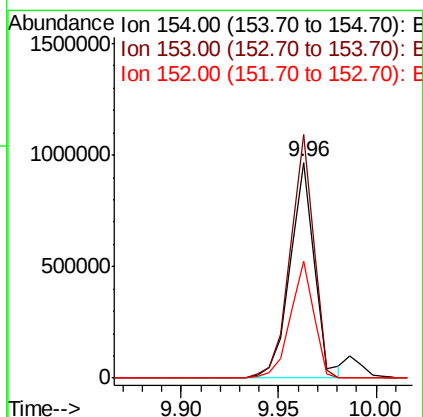
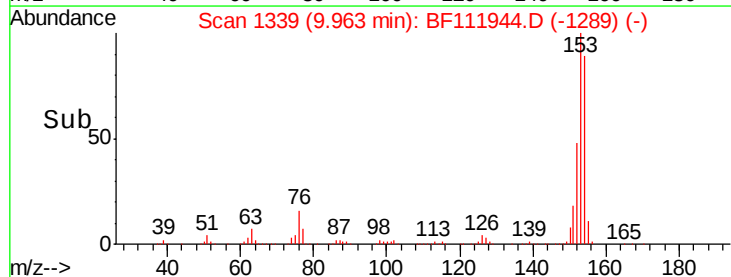
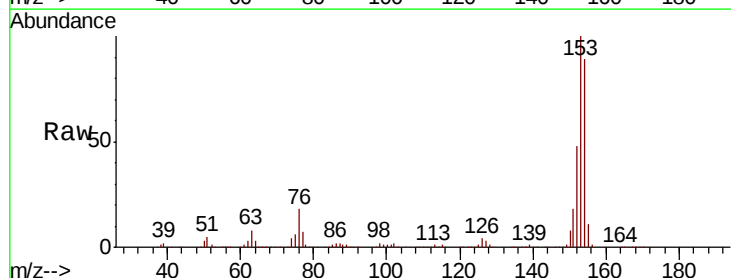
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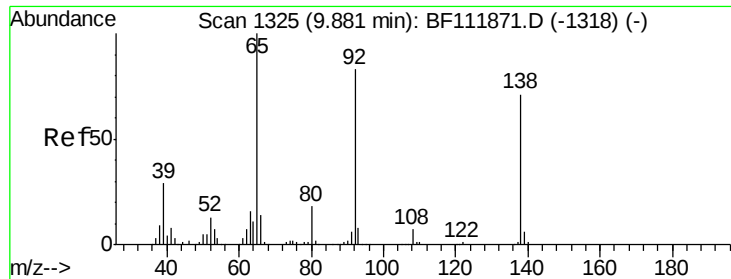
Sohil
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#52
Acenaphthene
Concen: 32.665 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	837329		
153	112.8	89.4	134.0	
152	54.4	43.1	64.7	





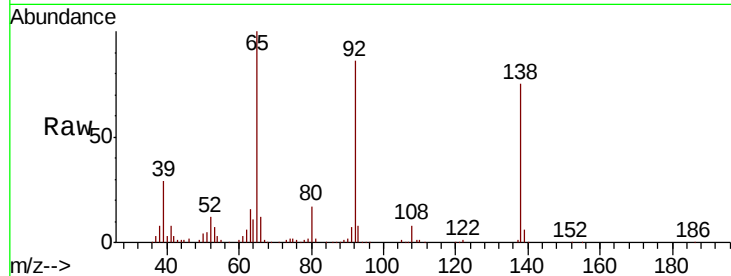
#53
3-Nitroaniline
Concen: 16.682 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.2	12.4
92	114.3	93.5	140.3

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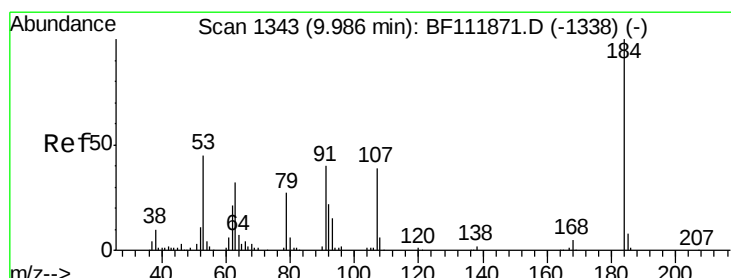
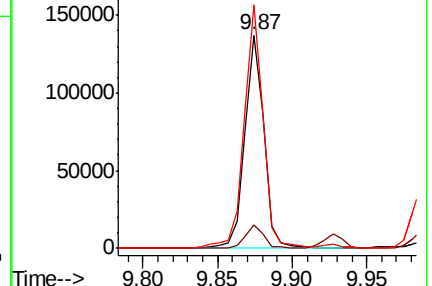
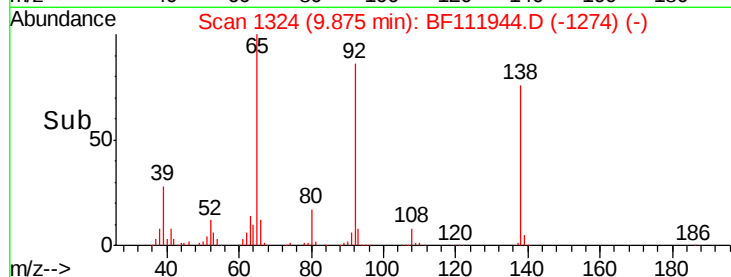


Abundance

Ion 138.00 (137.70 to 138.70): E

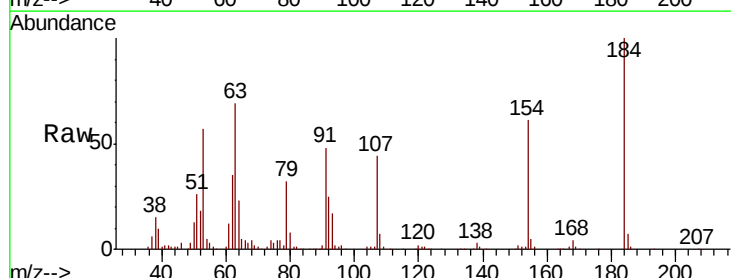
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 50.176 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.3	46.9	70.3
154	61.0	46.9	70.3

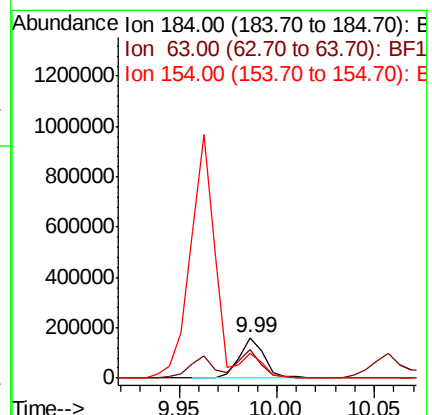
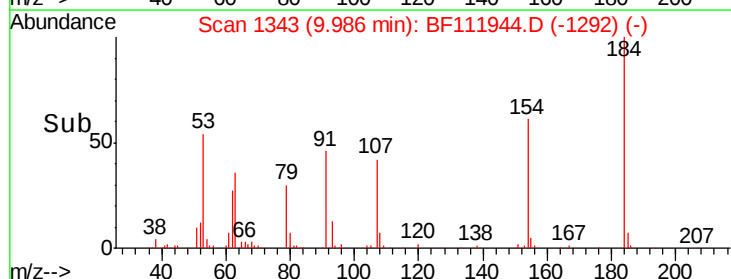


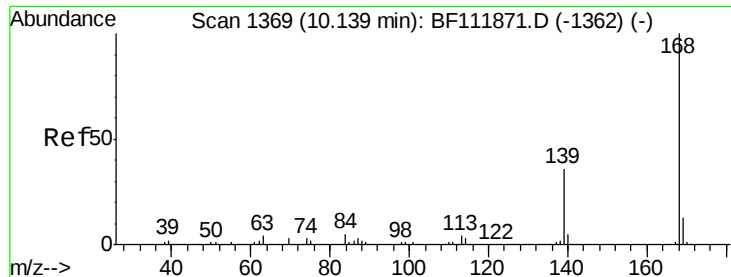
Abundance

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





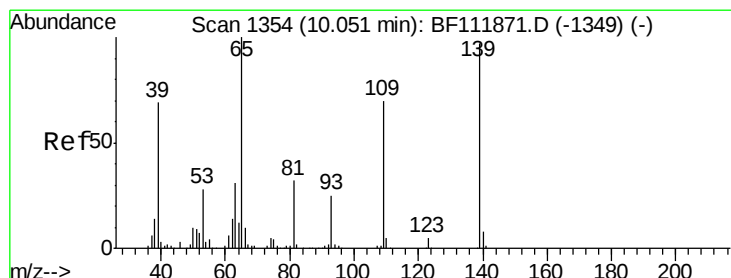
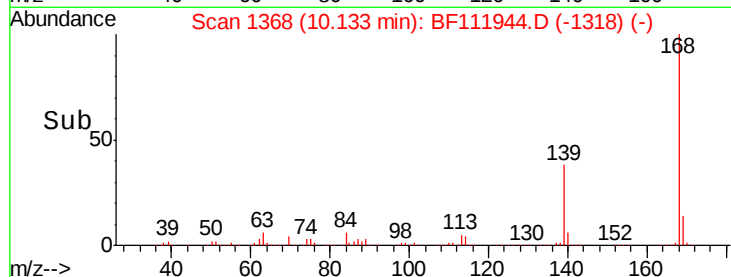
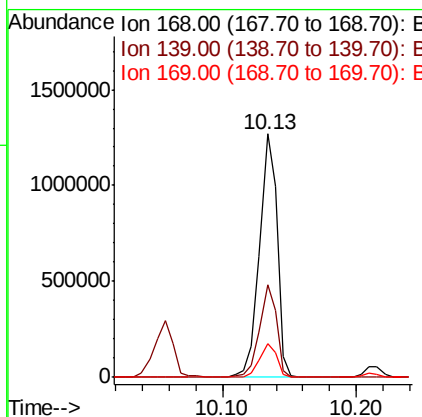
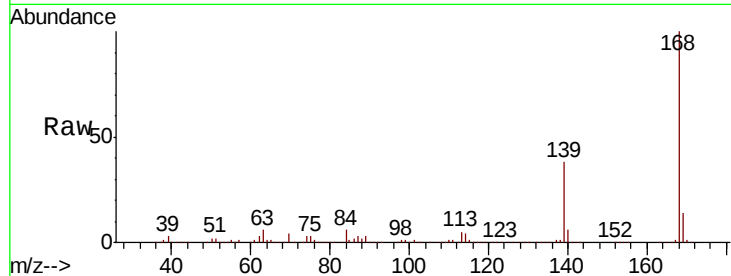
#55
Dibenzofuran
Concen: 30.597 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion:168 Resp: 1140652
Ion Ratio Lower Upper
168 100
139 37.9 29.3 43.9
169 14.0 10.6 16.0

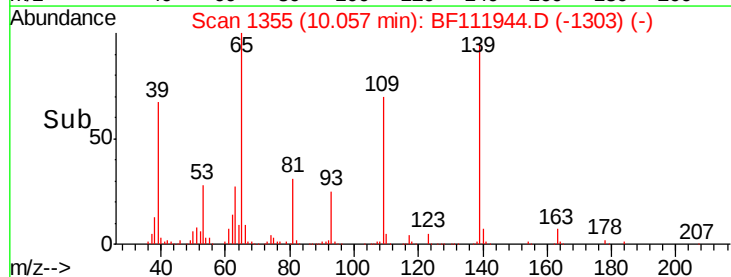
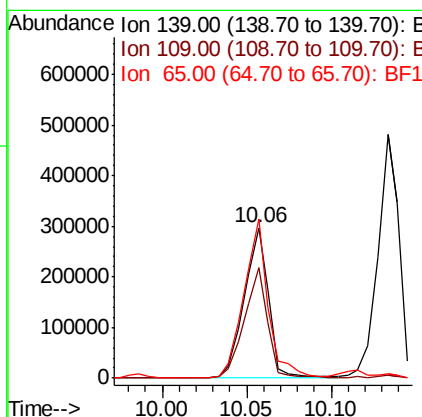
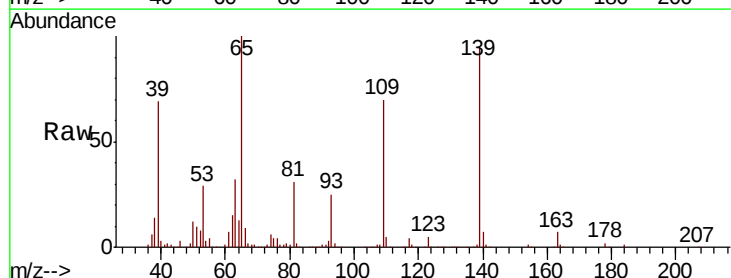
Manual Integrations
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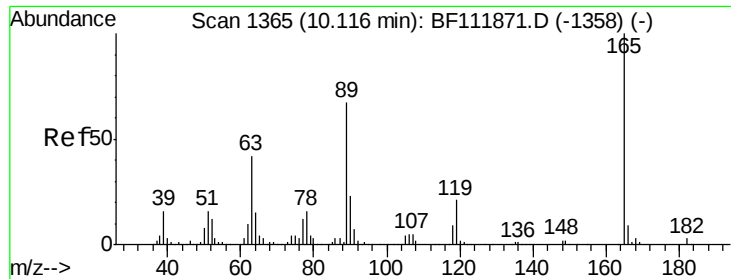
Sohil
1/10/2019 11:45:49 AM



#56
4-Nitrophenol
Concen: 57.645 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion:139 Resp: 300185
Ion Ratio Lower Upper
139 100
109 73.8 52.2 92.2
65 105.4 83.1 123.1





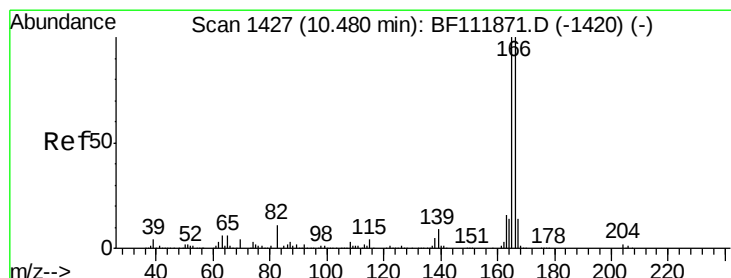
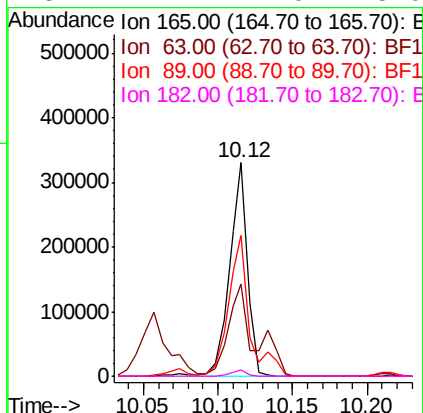
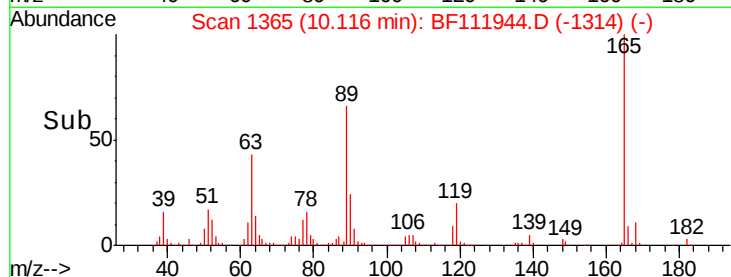
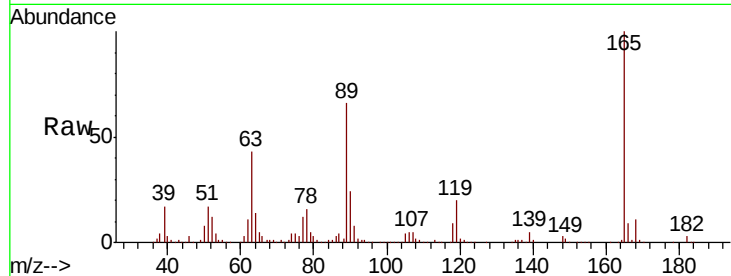
#57
2,4-Dinitrotoluene
Concen: 31.350 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		278783		
63	43.1		34.1	51.1	
89	66.1		53.5	80.3	
182	2.7		2.0	3.0	

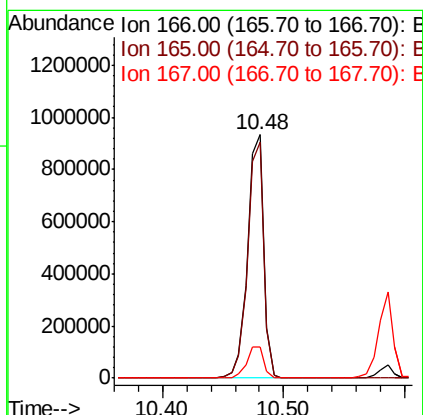
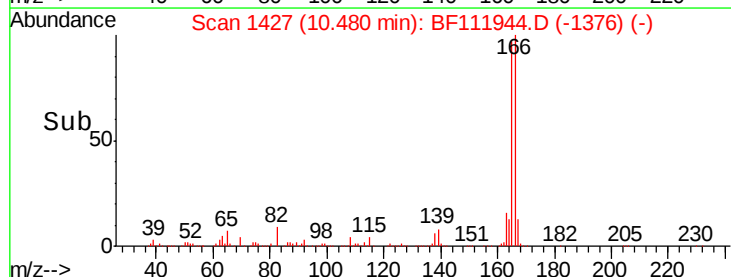
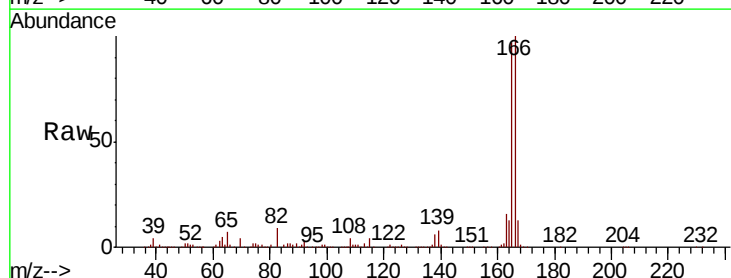
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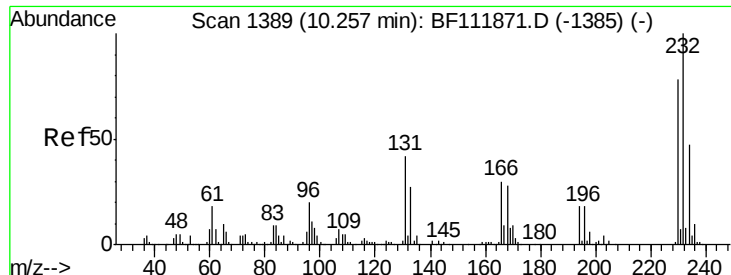
Sohil
1/10/2019 11:45:49 AM



#58
Fluorene
Concen: 32.277 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		875560		
165	96.8		79.7	119.5	
167	12.7		11.1	16.7	





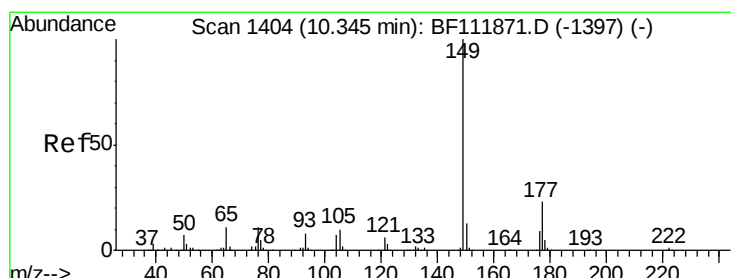
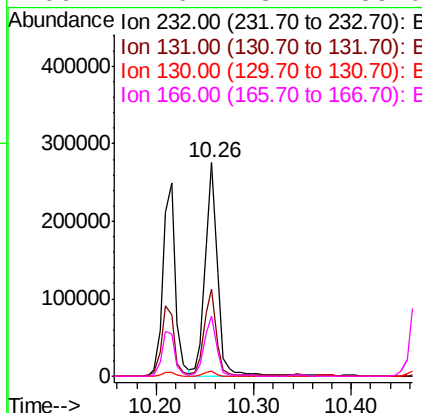
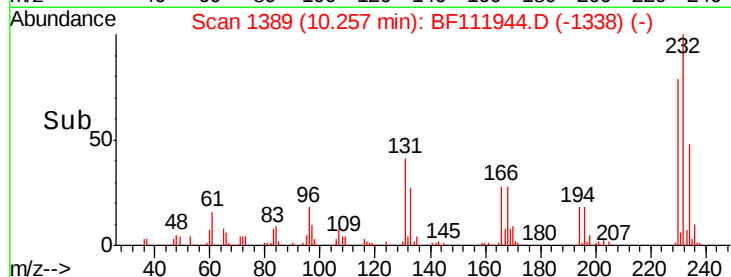
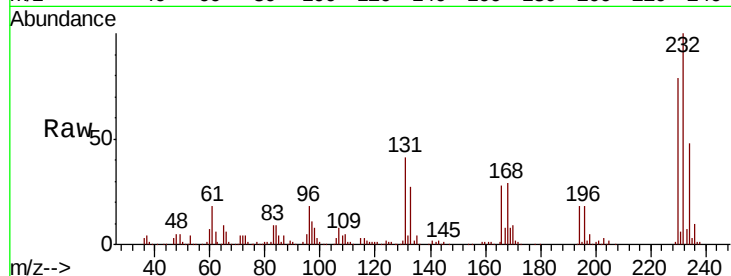
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.322 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	244938		
131	39.4		34.0	51.0
130	2.3		1.6	2.4
166	27.6		23.4	35.0

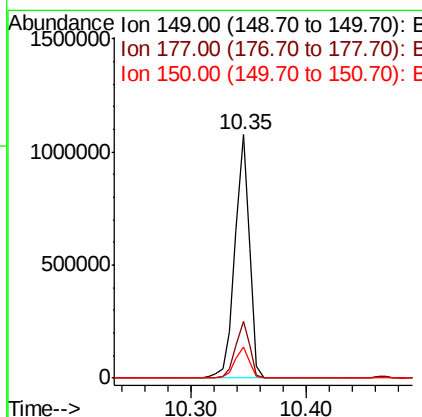
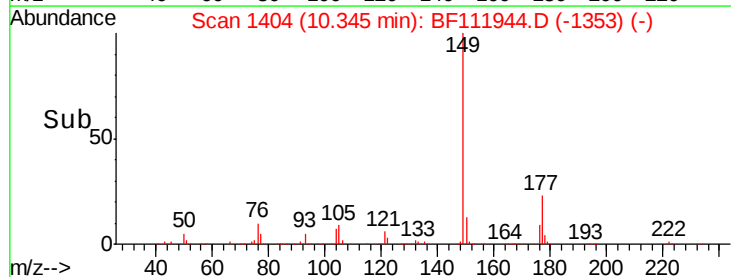
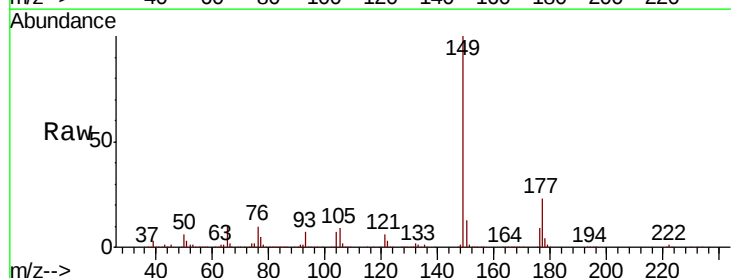
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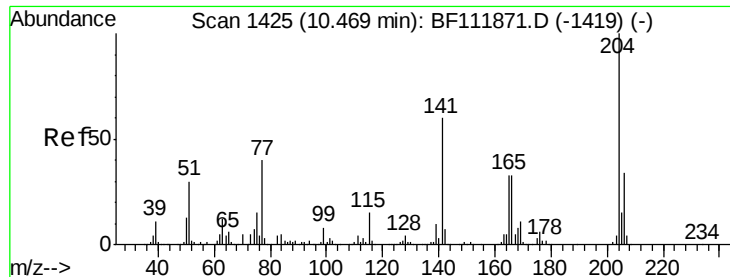
Sohil
1/10/2019 11:45:49 AM



#60
Diethylphthalate
Concen: 31.346 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	933580		
177	23.1		18.3	27.5
150	12.7		10.2	15.4





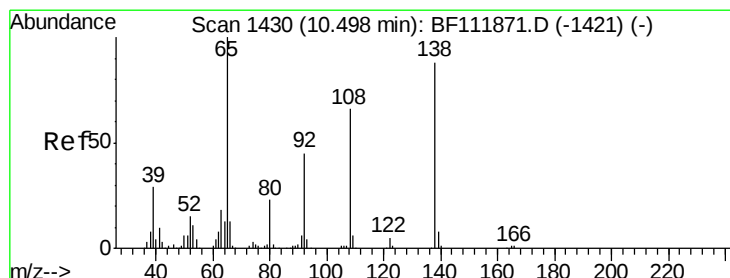
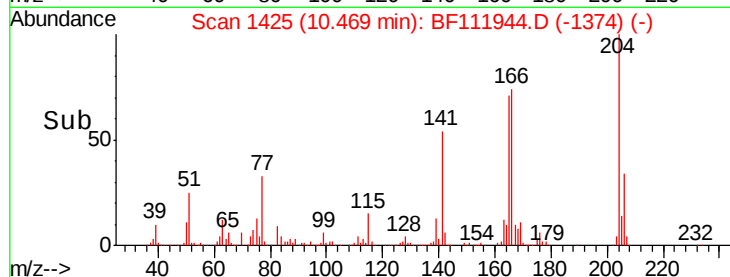
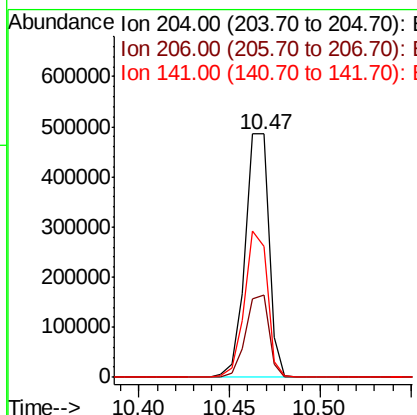
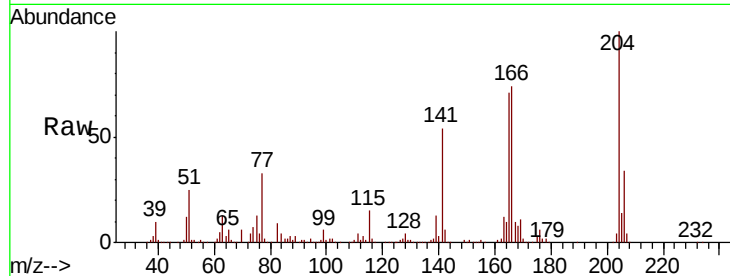
#61
 4-Chlorophenyl-phenylether
 Concen: 29.152 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF111944.D
 Acq: 9 Jan 2019 12:06

Instrument :
 BNA_F
 ClientSampled :
 TN-1419MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.9	40.3
141	53.7	47.9	71.9

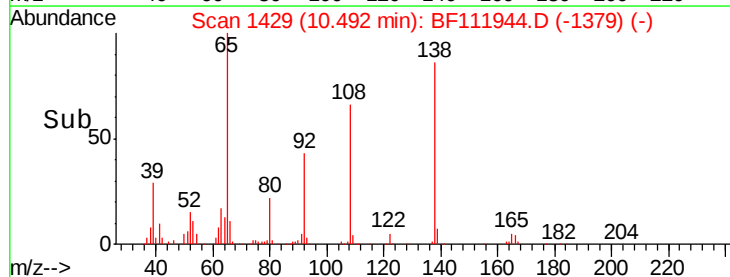
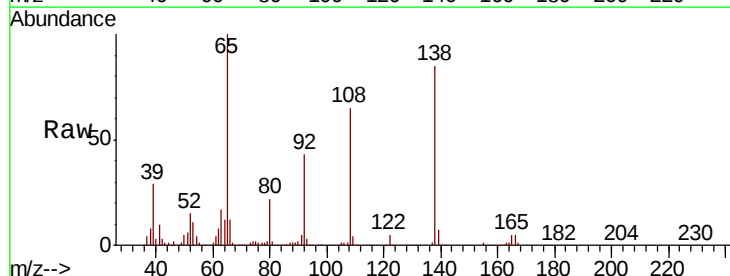
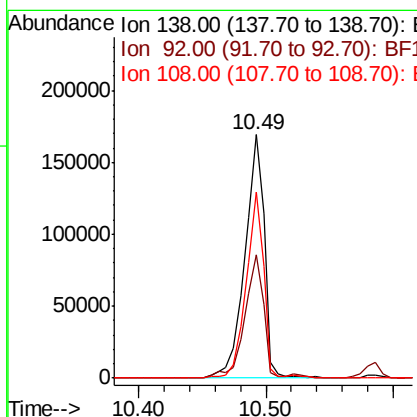
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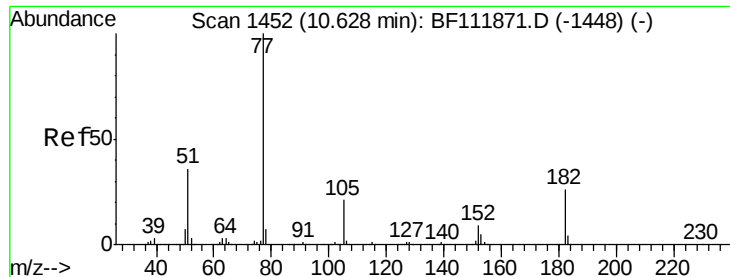
Sohil
 1/10/2019 11:45:49 AM



#62
 4-Nitroaniline
 Concen: 25.641 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF111944.D
 Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	31.0	71.0
108	76.2	54.7	94.7





#63

Azobenzene

Concen: 29.619 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Instrument :

BNA_F

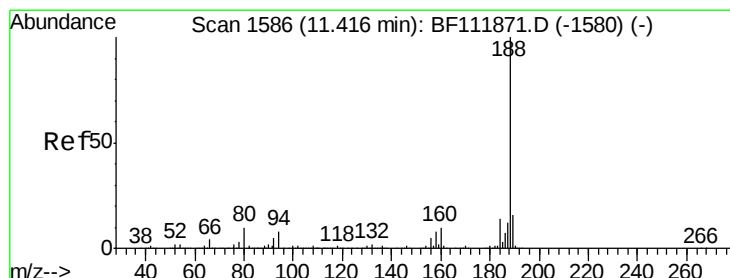
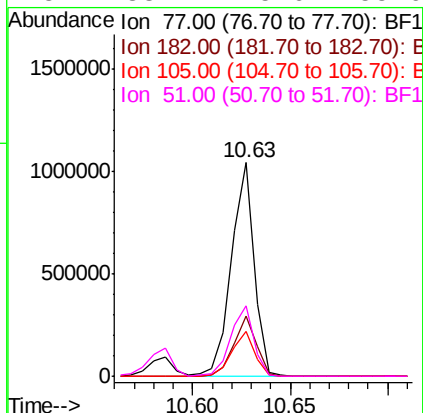
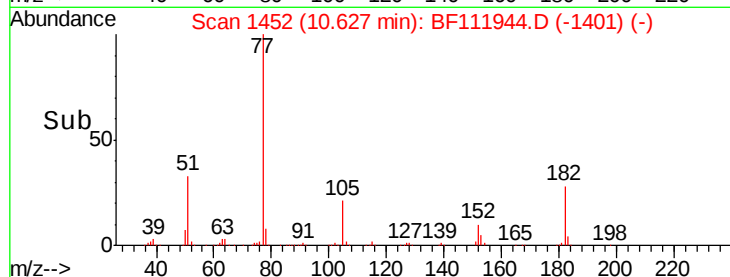
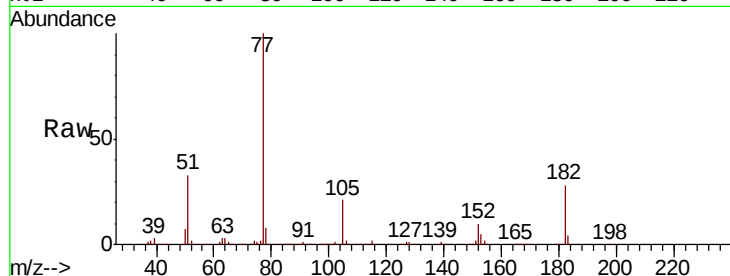
ClientSampleId :

TN-1419MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	5.7	45.7
105	21.3	0.8	40.8
51	33.2	15.6	55.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

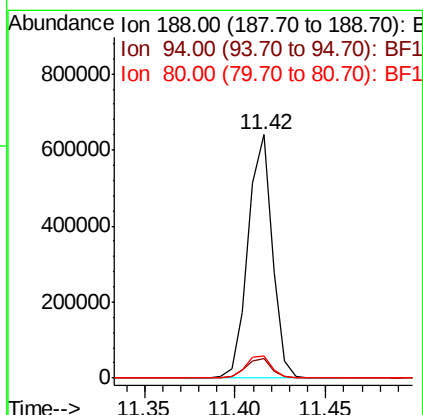
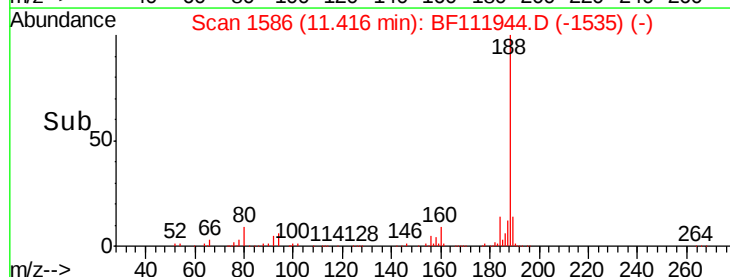
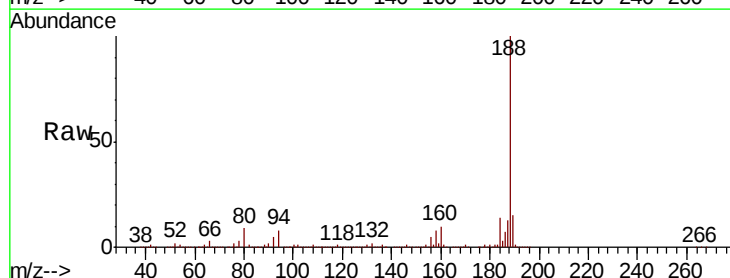
RT: 11.42 min Scan# 1586

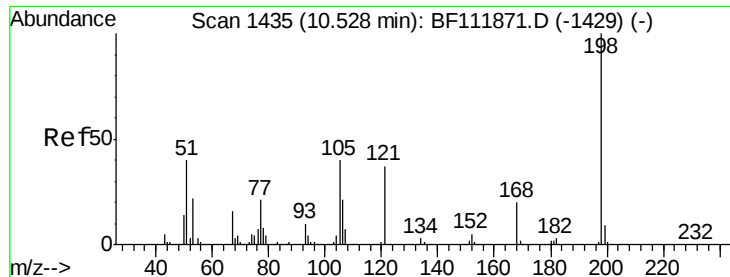
Delta R.T. -0.00 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.6	10.0
80	8.9	7.7	11.5





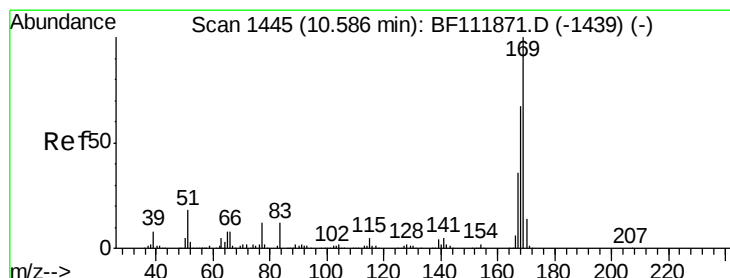
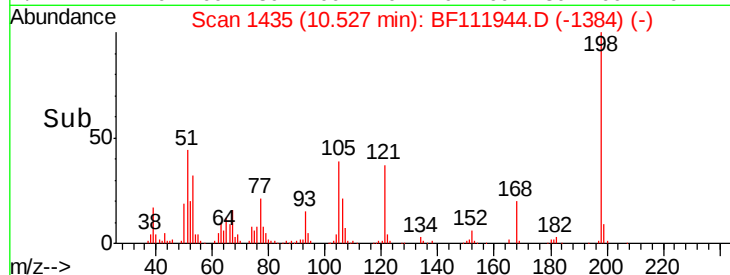
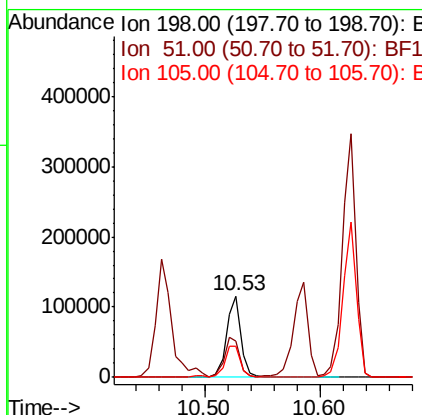
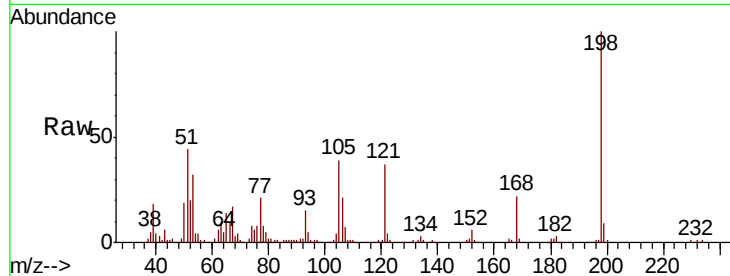
#65
4,6-Dinitro-2-methylphenol
Concen: 26.974 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	44.0	27.2	67.2
105	38.9	21.0	61.0

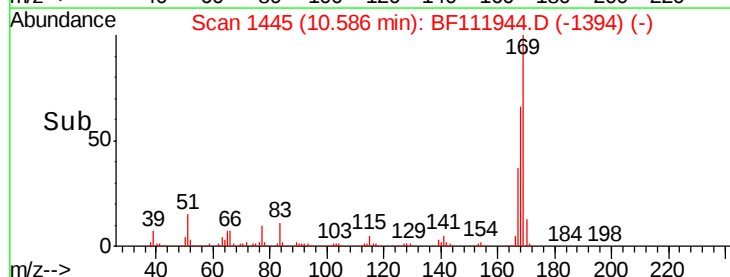
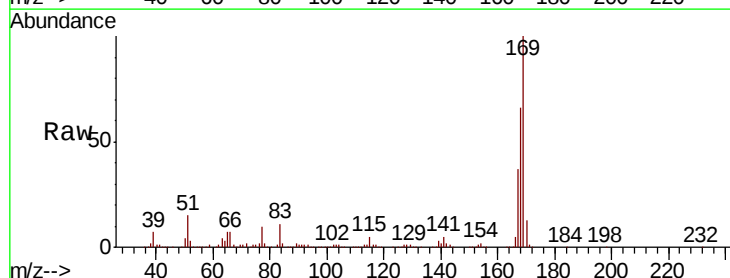
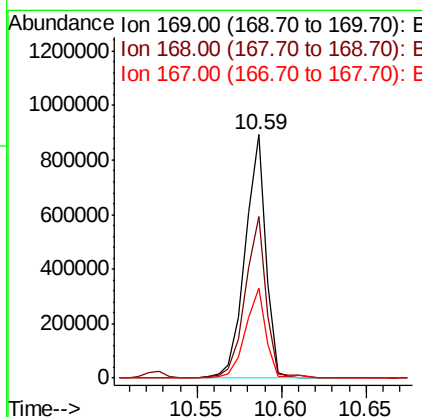
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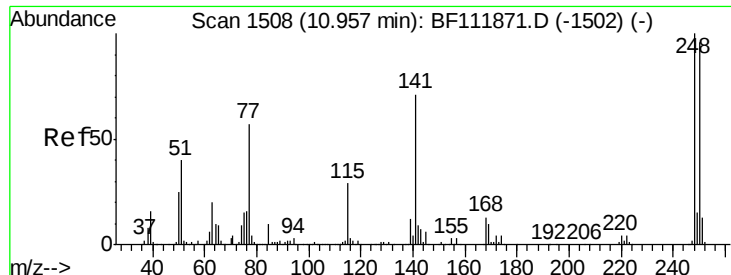
Sohil
1/10/2019 11:45:49 AM



#66
n-Nitrosodiphenylamine
Concen: 38.335 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.8	80.6
167	37.2	29.1	43.7





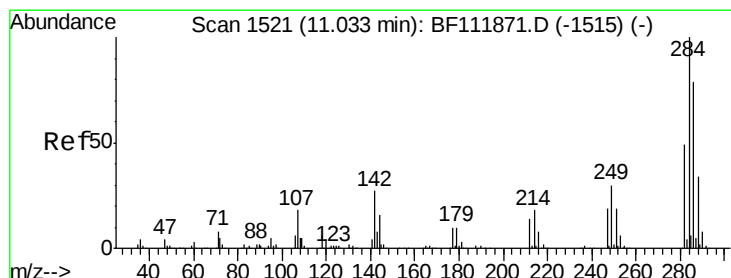
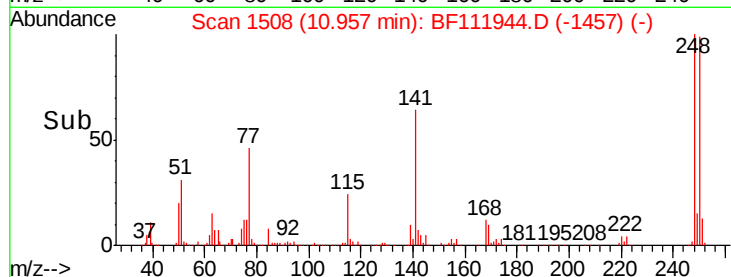
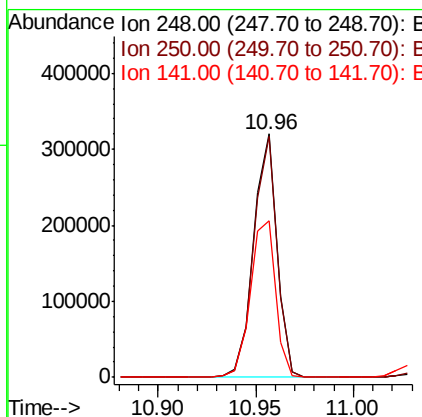
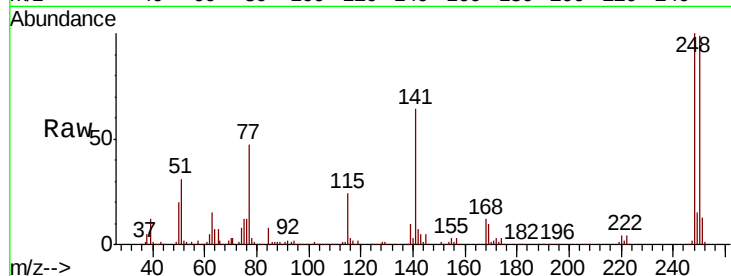
#67
4-Bromophenyl-phenylether
Concen: 34.612 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	76.8	115.2
141	64.1	57.0	85.6

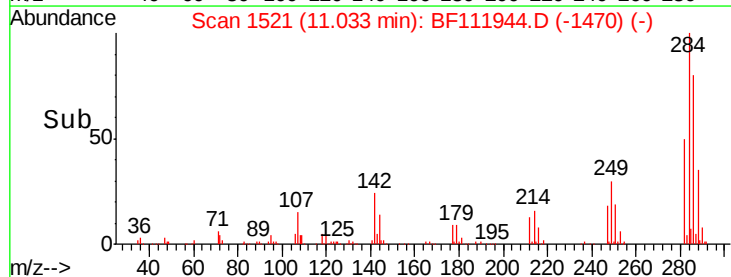
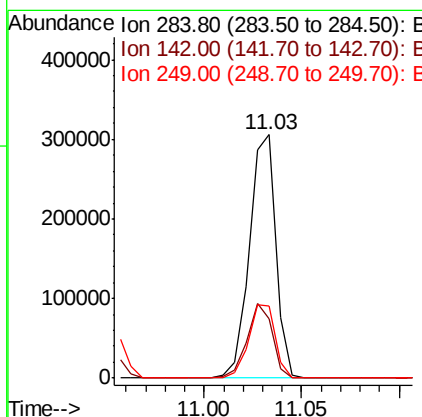
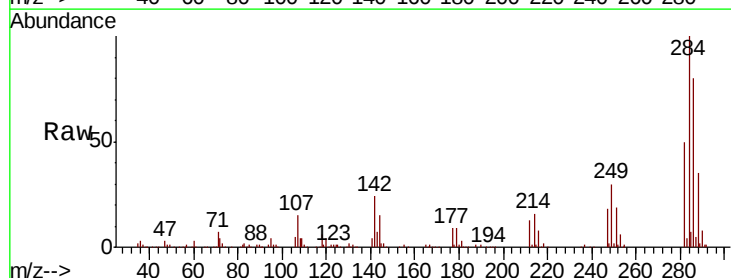
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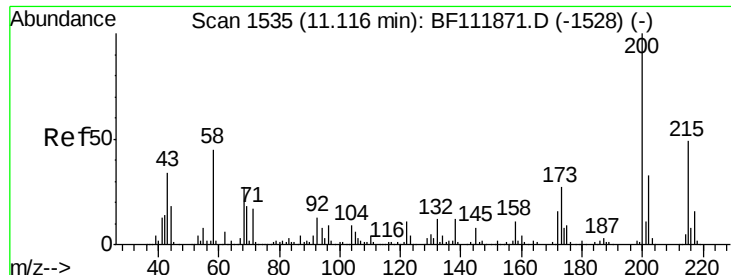
Sohil
1/10/2019 11:45:49 AM



#68
Hexachlorobenzene
Concen: 33.546 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.4	21.8	32.6
249	29.7	23.8	35.6





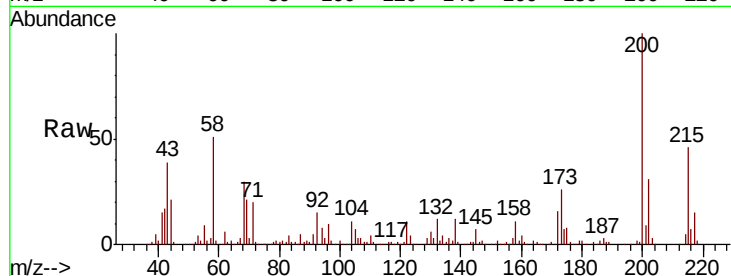
#69
Atrazine
Concen: 34.877 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.2	6.6	46.6
215	45.9	28.9	68.9

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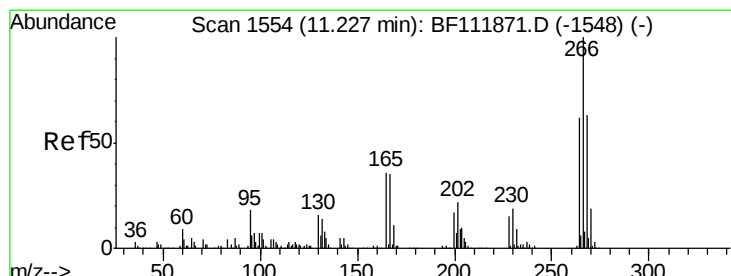
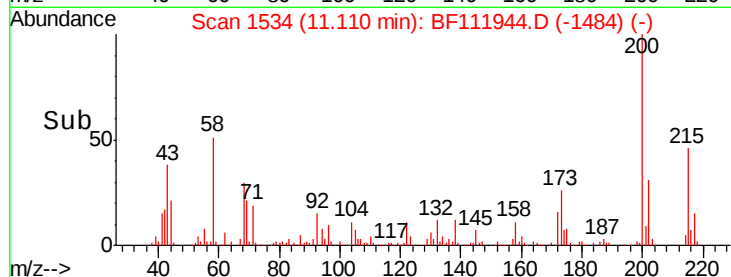
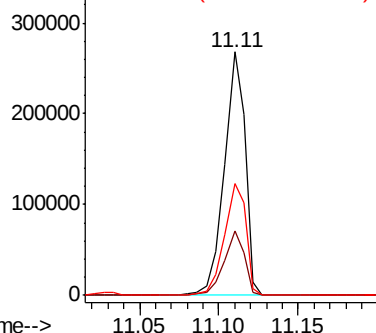


Abundance

Ion 200.00 (199.70 to 200.70): E

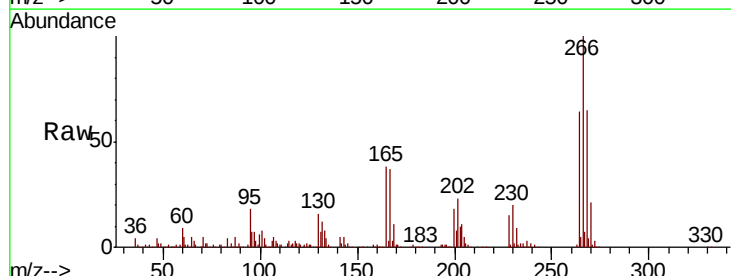
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 52.570 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.4	50.6	76.0
264	64.5	49.3	73.9

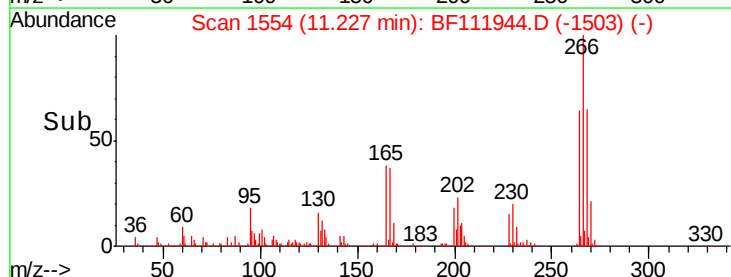
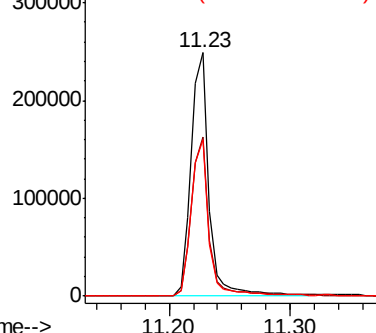


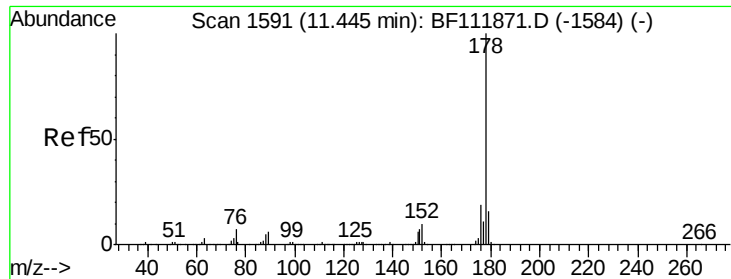
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.712 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Instrument :

BNA_F

ClientSampleId :

TN-1419MSD

Tot Ion:178 Resp: 1202343

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

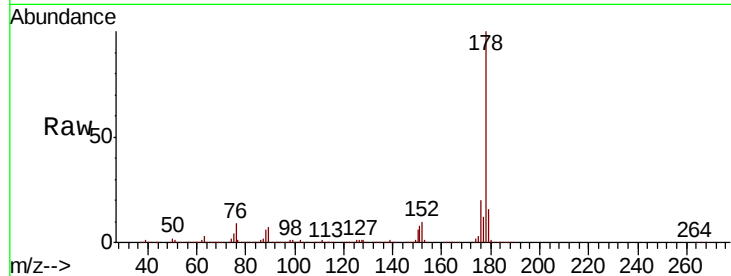
179 15.6 12.6 18.8

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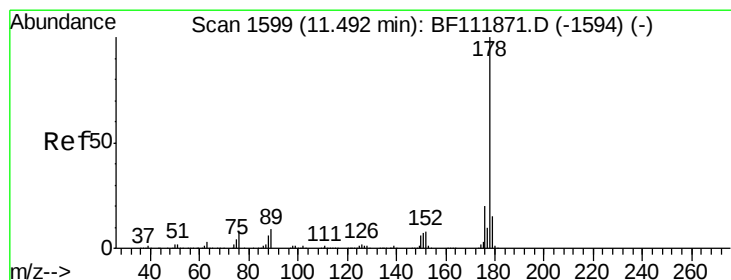
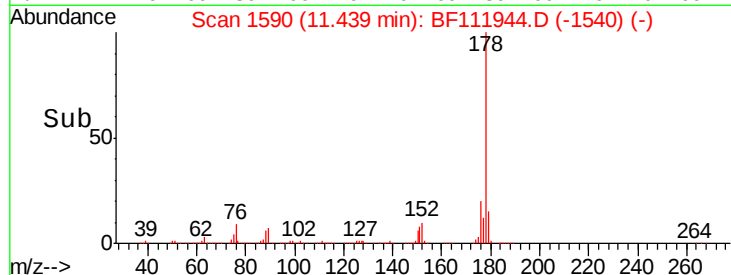
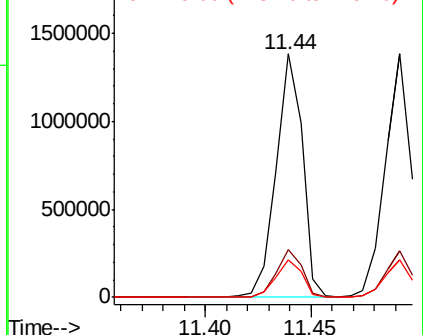
1/10/2019 11:45:49 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.518 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Tgt Ion:178 Resp: 1181892

Ion Ratio Lower Upper

178 100

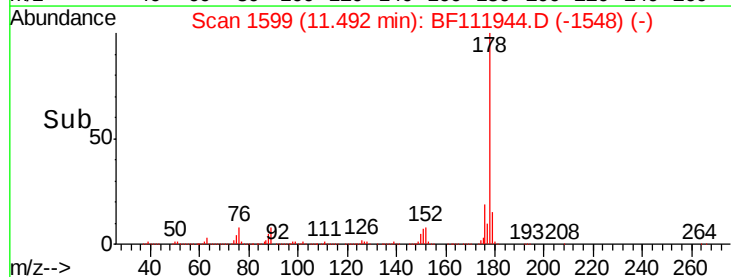
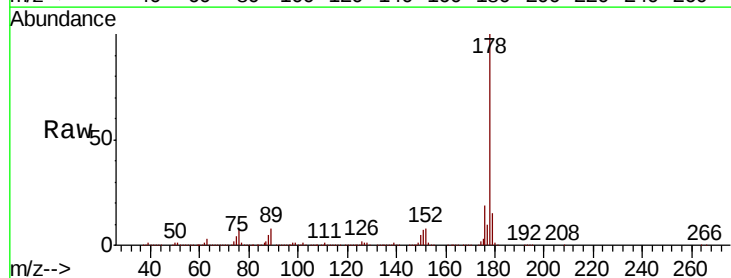
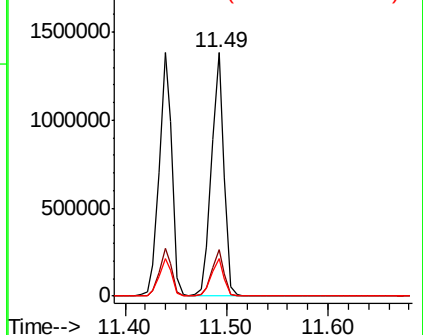
176 19.1 15.7 23.5

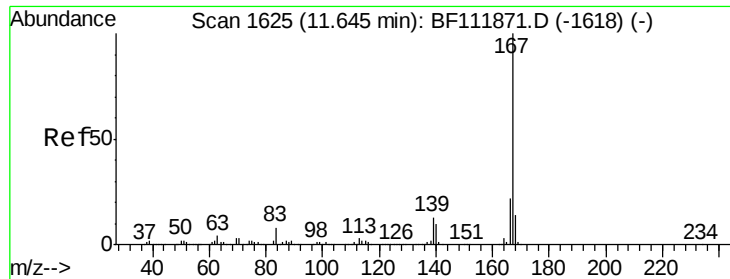
179 15.4 12.4 18.6

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





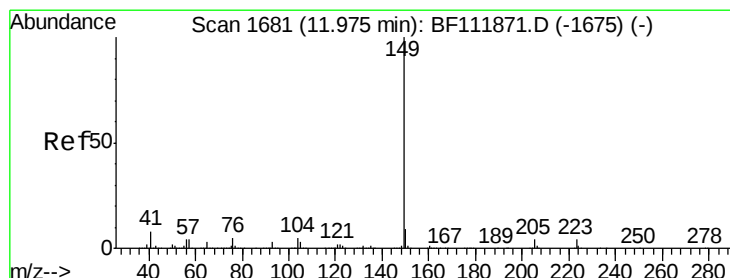
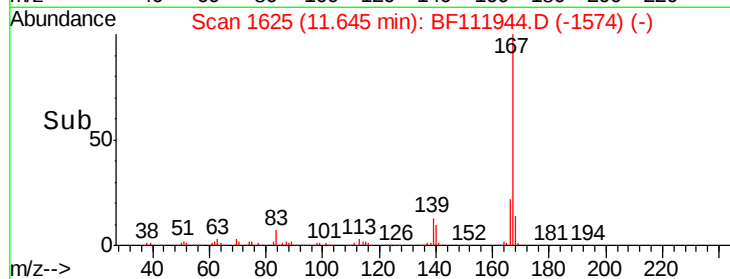
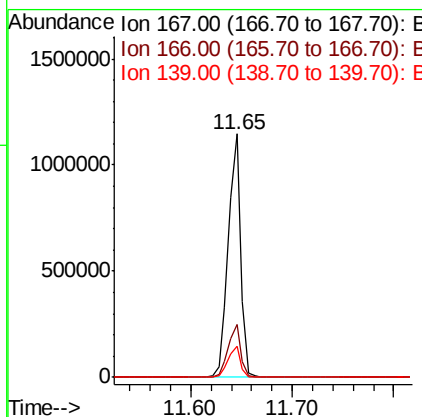
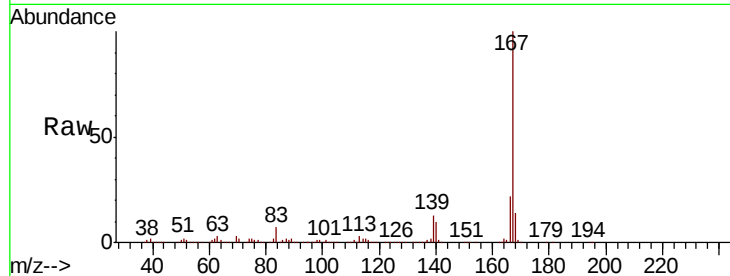
#73
 Carbazole
 Concen: 31.284 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF111944.D
 Acq: 9 Jan 2019 12:06

Instrument :
 BNA_F
 ClientSampleId :
 TN-1419MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	12.6	10.6	16.0

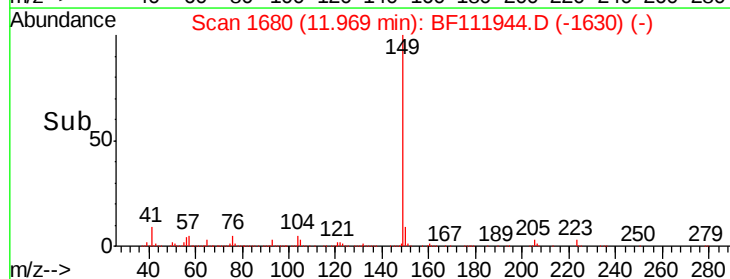
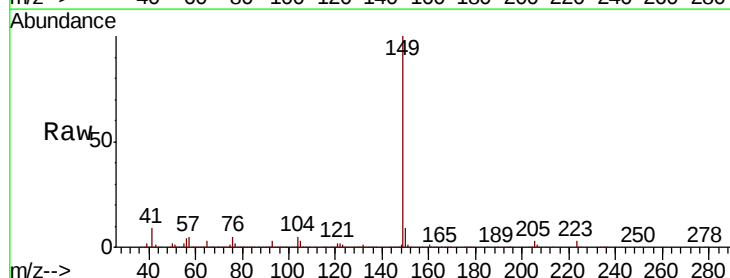
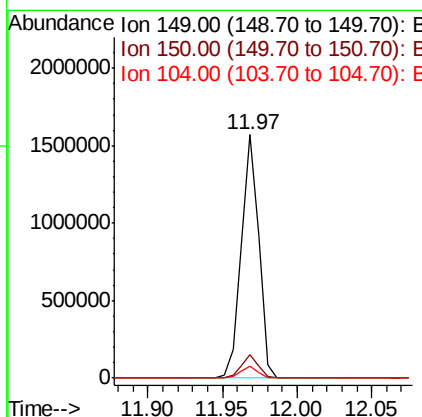
Manual Integrations
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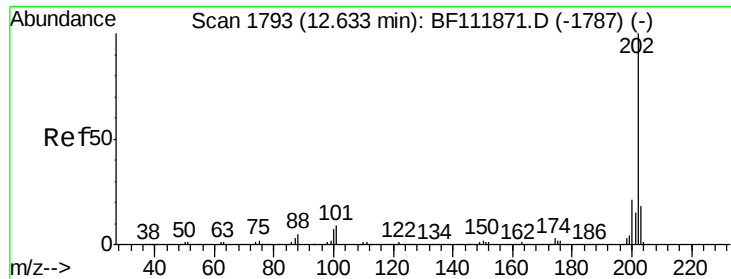
Sohil
 1/10/2019 11:45:49 AM



#74
 Di-n-butylphthalate
 Concen: 35.006 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF111944.D
 Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.0	3.9	5.9





#75

Fluoranthene

Concen: 37.869 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Instrument :

BNA_F

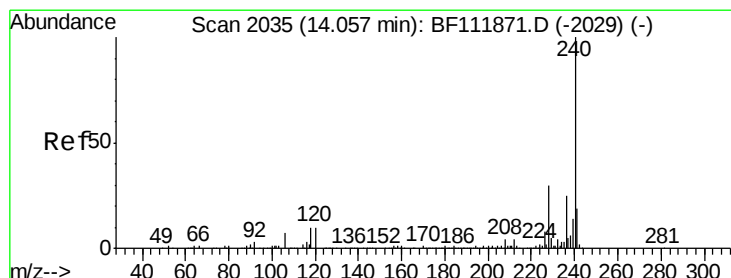
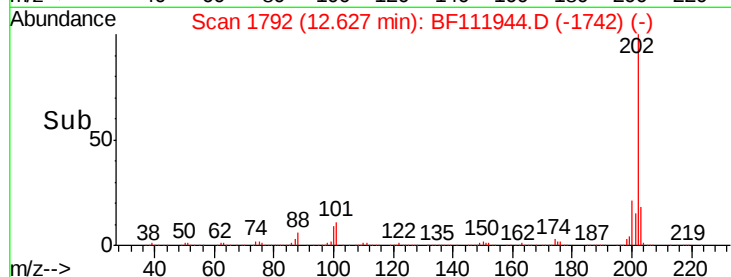
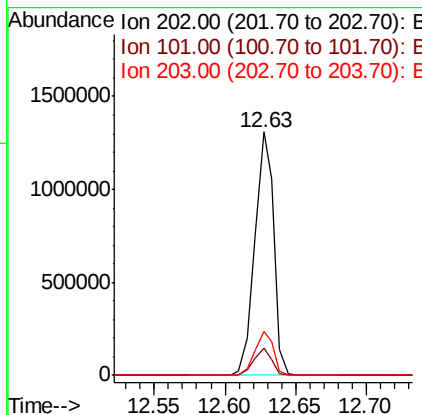
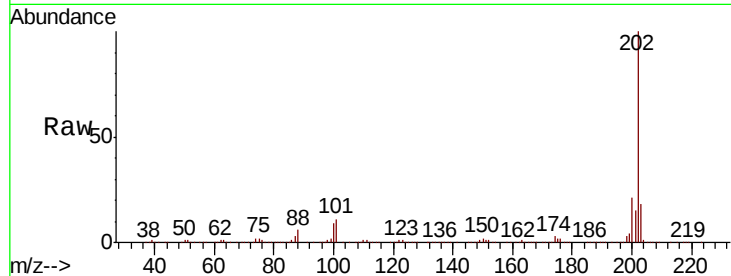
ClientSampleId :

TN-1419MSD

Tot Ion:	202	Resp:	1239445
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	29.3
203	18.1	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

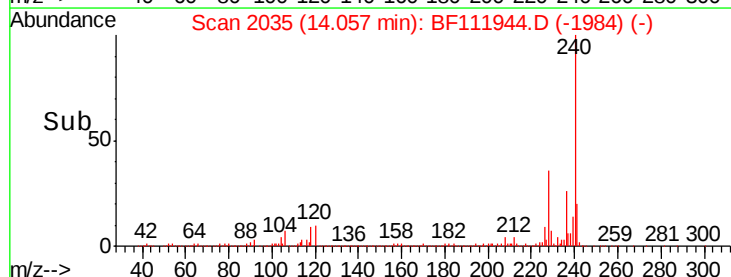
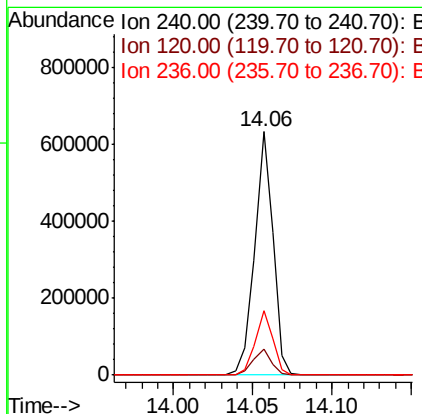
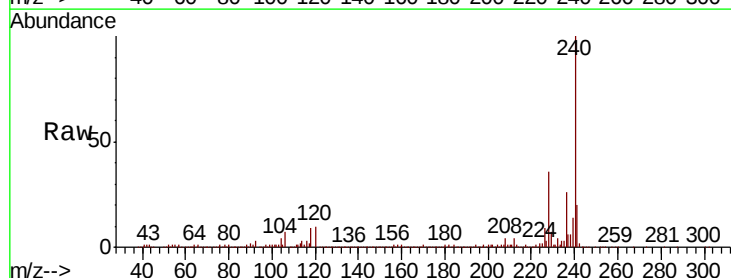
RT: 14.06 min Scan# 2035

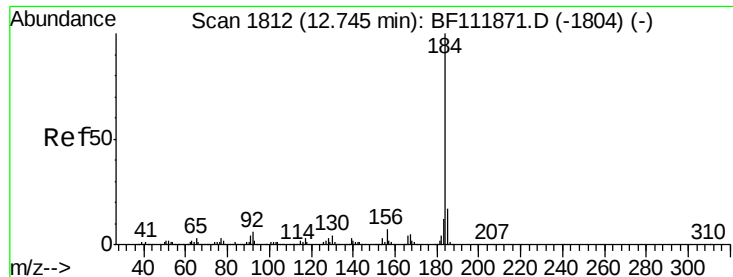
Delta R.T. -0.00 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Tgt Ion:	240	Resp:	510003
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.2	12.2
236	26.2	20.2	30.4





#77

Benzidine

Concen: 28.307 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Instrument :

BNA_F

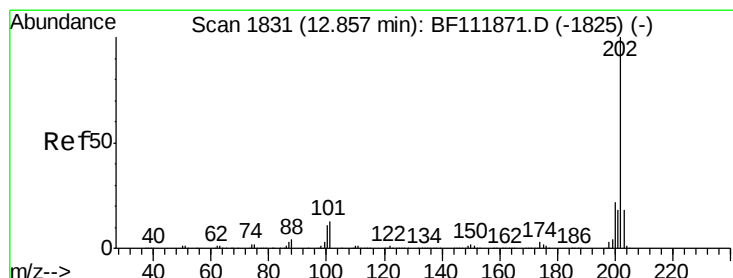
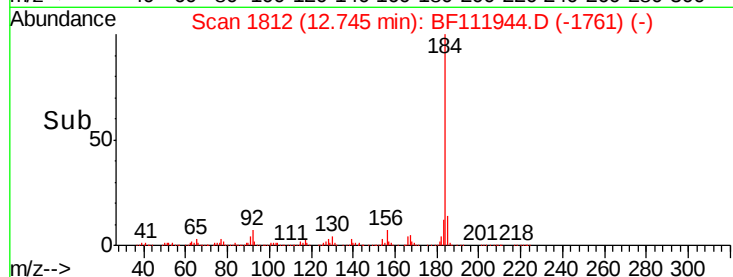
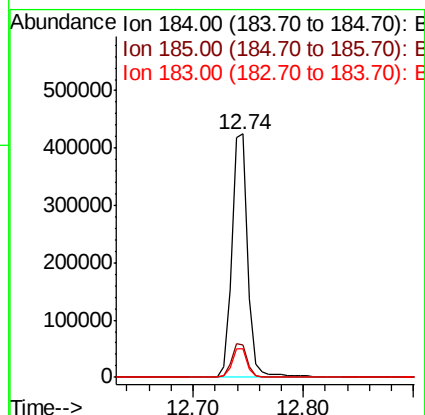
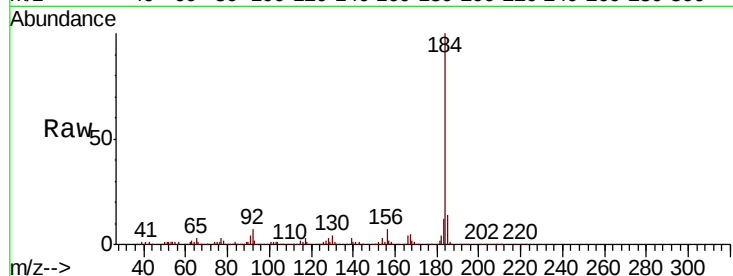
ClientSampled :

TN-1419MSD

Tot Ion:	184	Resp:	431380
Ion Ratio	Lower	Upper	
184	100		
185	13.5	13.4	20.0
183	11.5	9.6	14.4

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#78

Pyrene

Concen: 36.869 ng

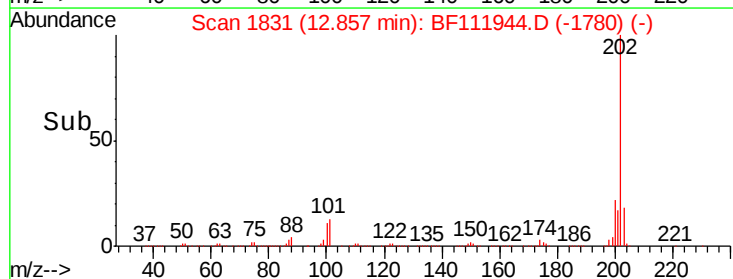
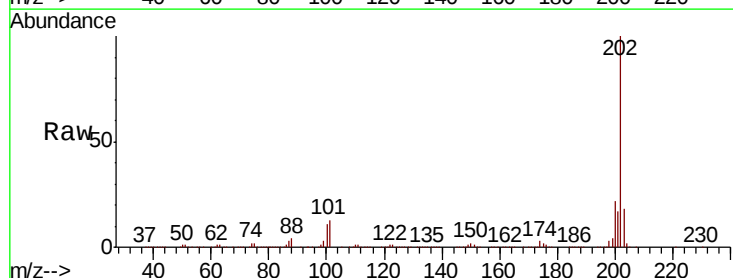
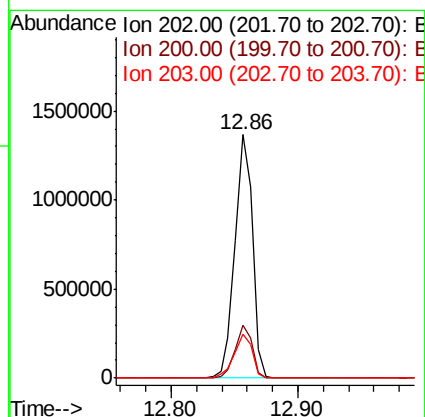
RT: 12.86 min Scan# 1831

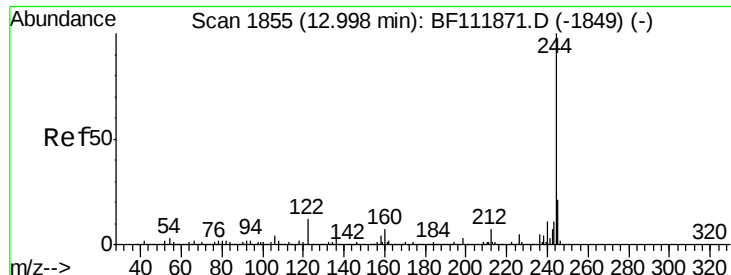
Delta R.T. -0.00 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Tgt Ion:	202	Resp:	1293800
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	17.8	14.6	21.8





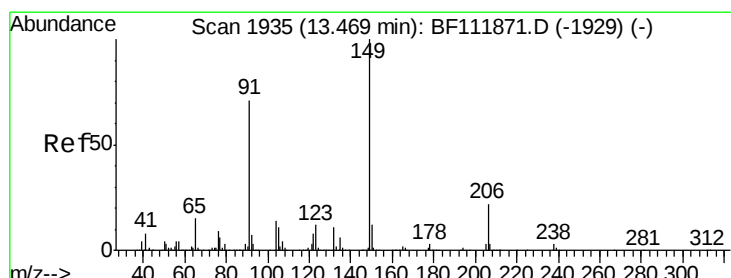
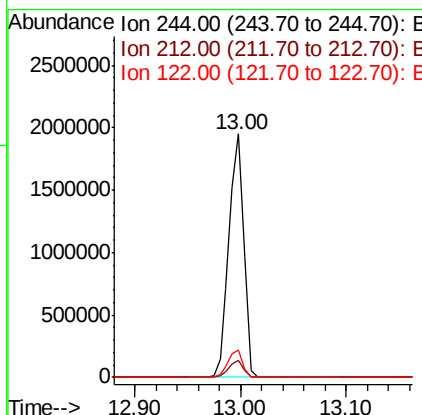
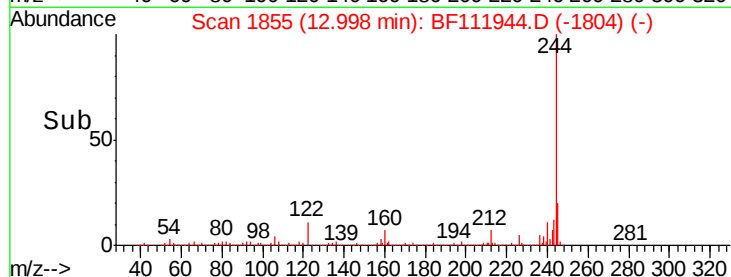
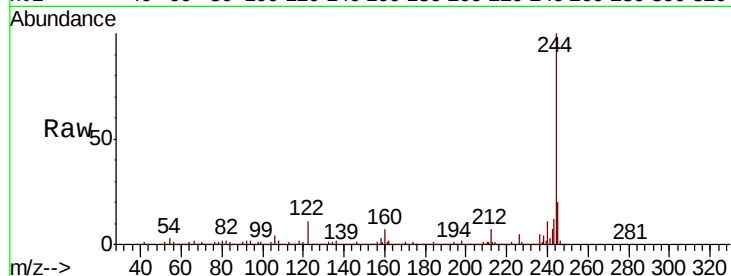
#79
Terphenyl-d14
Concen: 70.937 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampled :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.0	9.5	14.3

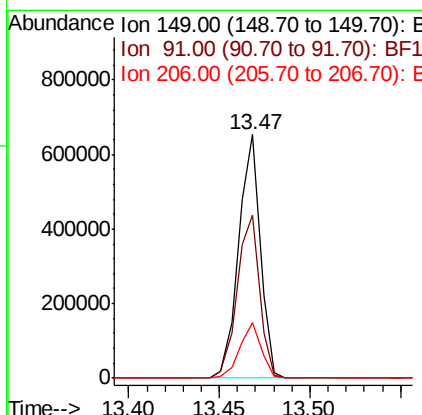
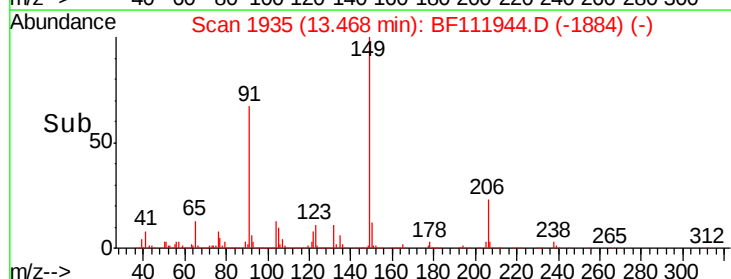
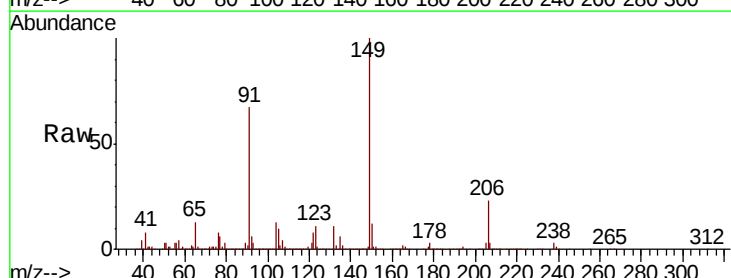
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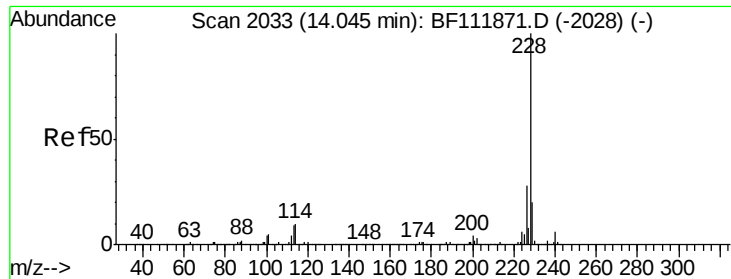
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#80
Butylbenzylphthalate
Concen: 36.724 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.1	57.2	85.8
206	22.6	17.3	25.9





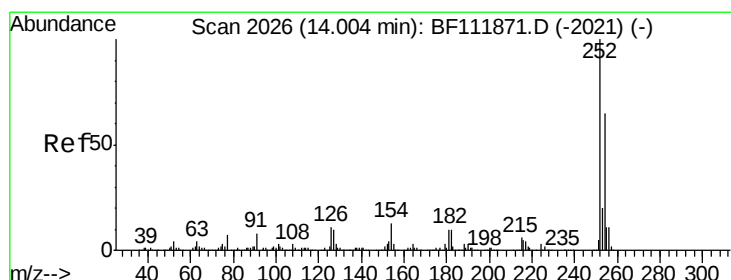
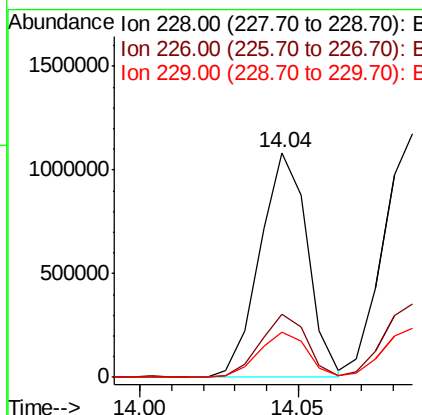
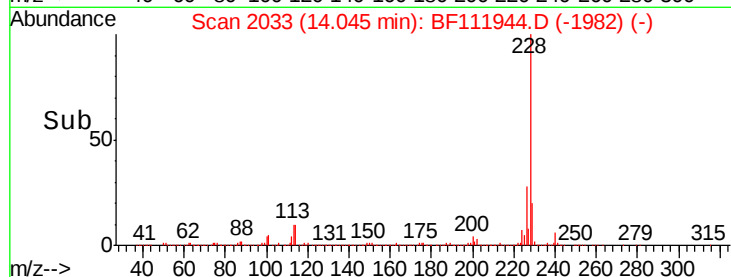
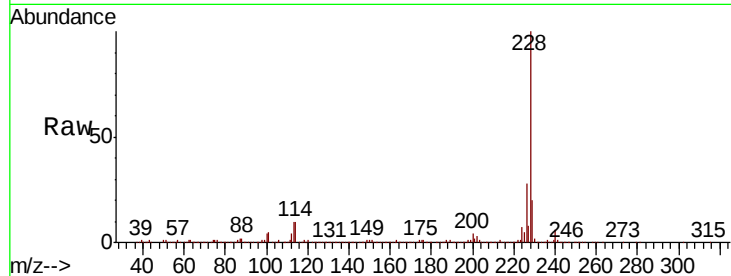
#81
Benzo(a)anthracene
Concen: 38.440 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion:228 Resp: 1128265
Ion Ratio Lower Upper
228 100
226 28.2 22.2 33.2
229 19.9 16.2 24.2

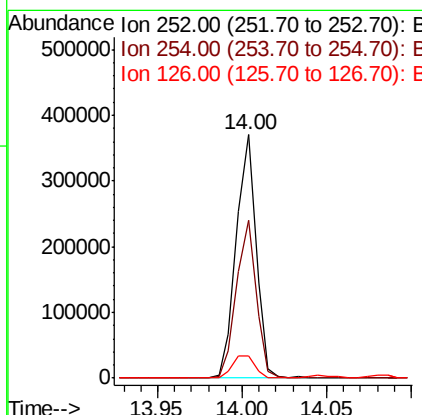
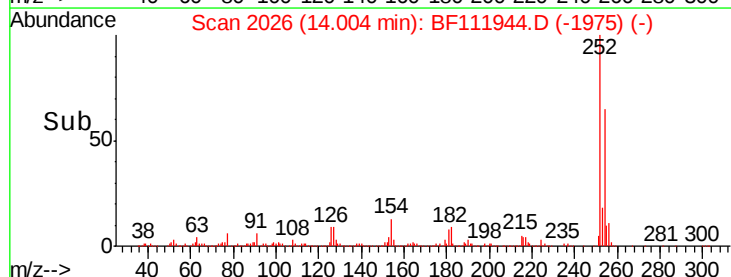
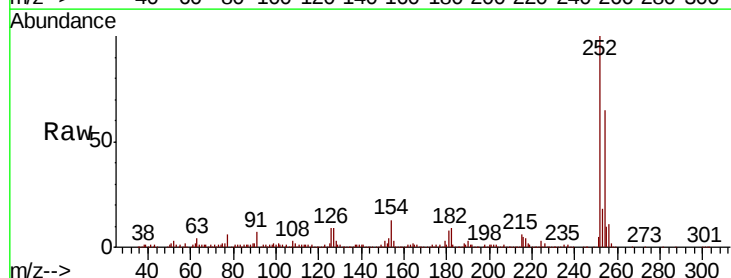
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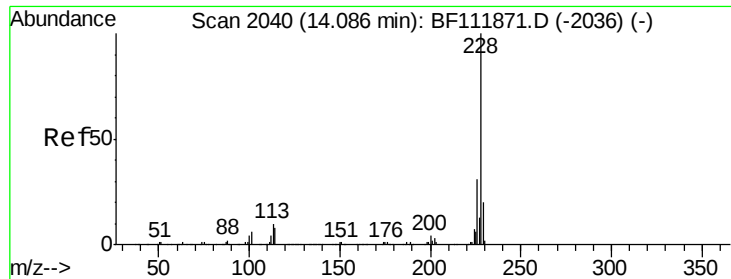
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 28.158 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion:252 Resp: 305115
Ion Ratio Lower Upper
252 100
254 65.0 52.1 78.1
126 9.4 8.6 12.8





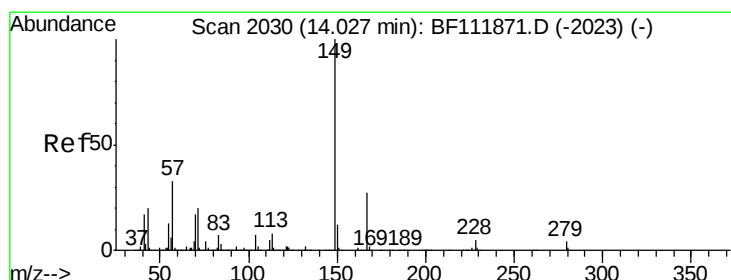
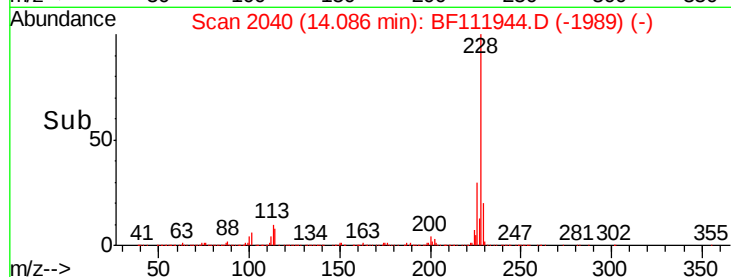
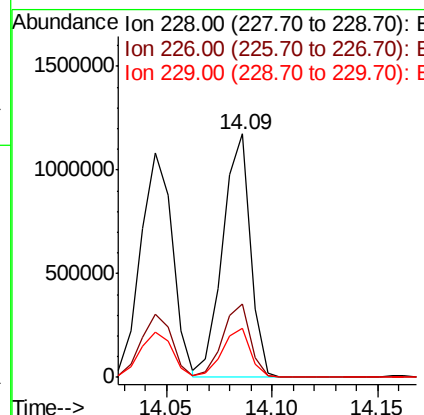
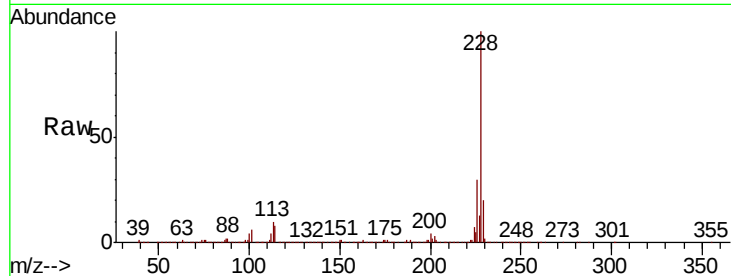
#83
Chrysene
Concen: 37.995 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	20.0	15.7	23.5

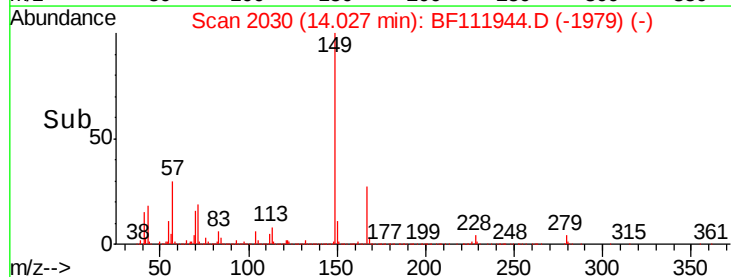
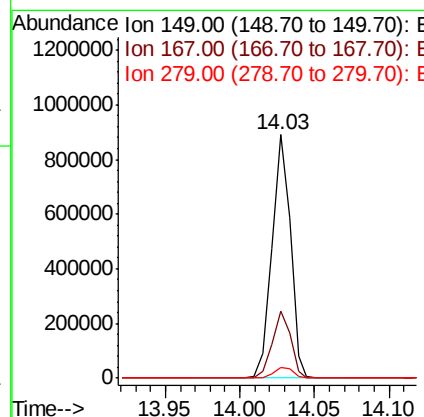
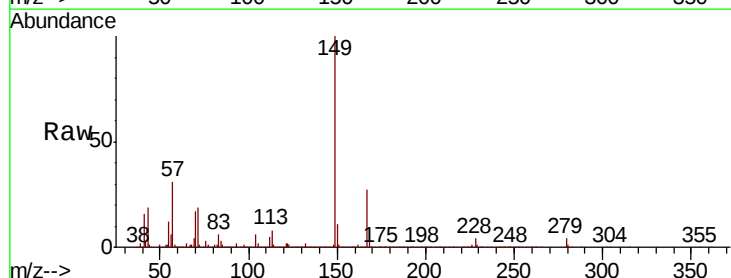
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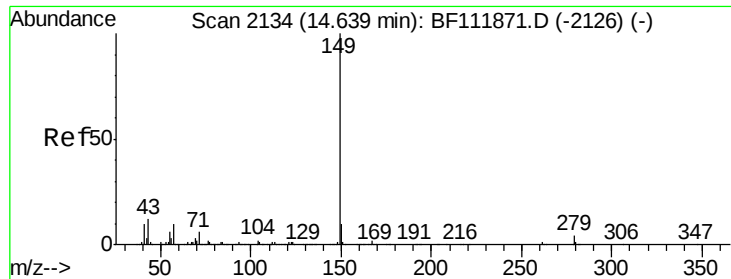
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.824 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.5	32.3
279	4.1	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 42.578 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Instrument :

BNA_F

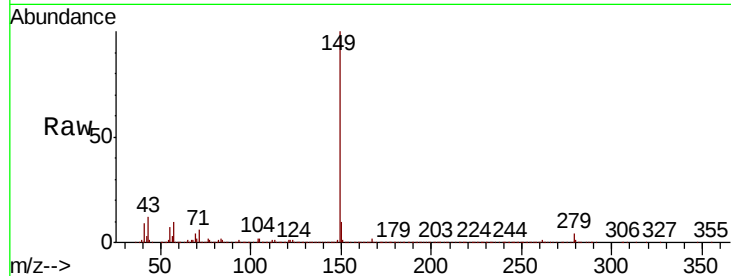
ClientSampleId :

TN-1419MSD

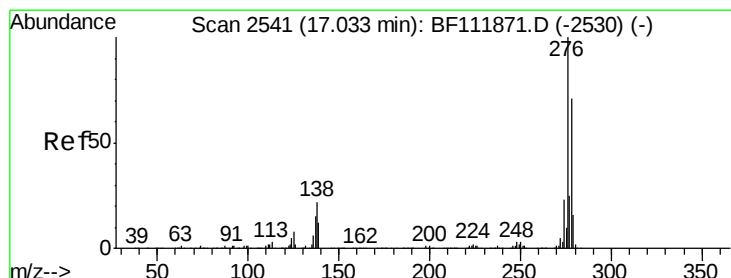
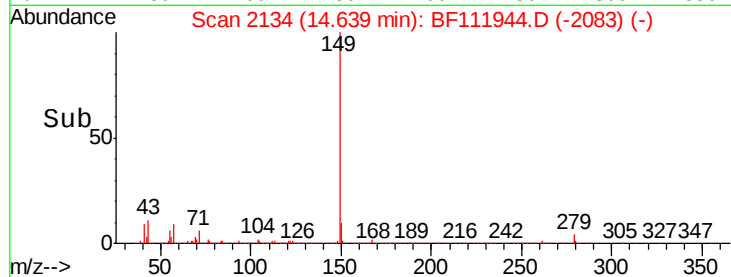
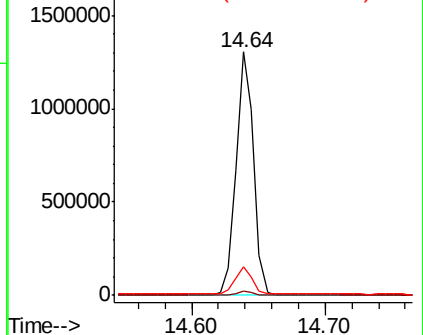
Tot Ion:	149	Resp:	1187166
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.0	9.1	13.7

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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: 45.414 ng

RT: 17.04 min Scan# 2542

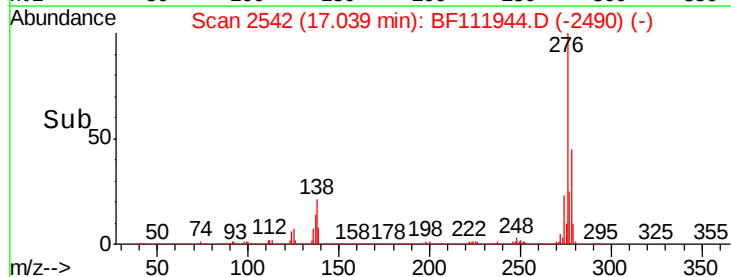
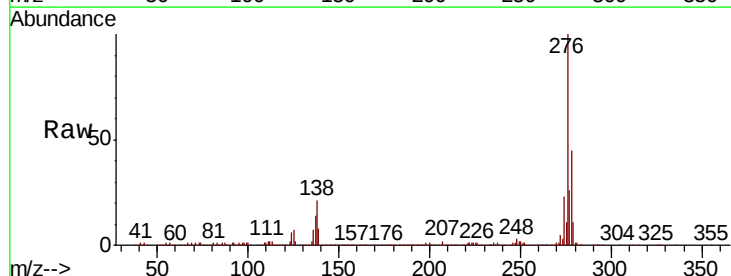
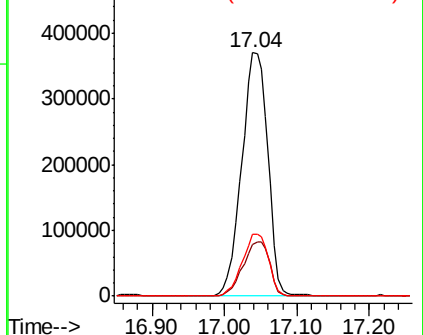
Delta R.T. 0.01 min

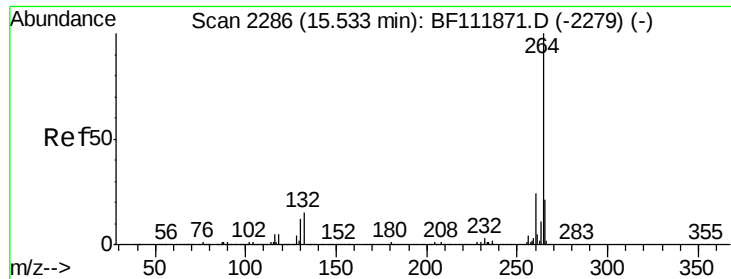
Lab File: BF111944.D

Acq: 9 Jan 2019 12:06

Tgt Ion:	276	Resp:	926564
Ion Ratio	Lower	Upper	
276	100		
138	23.1	18.1	27.1
277	25.8	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





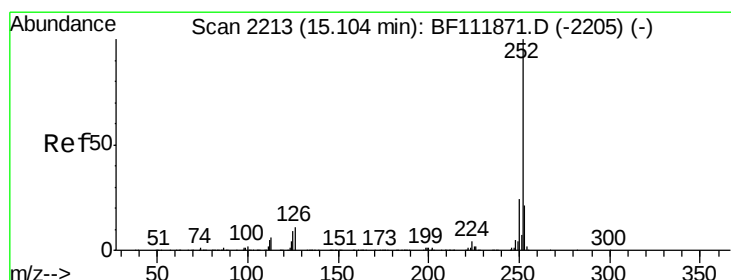
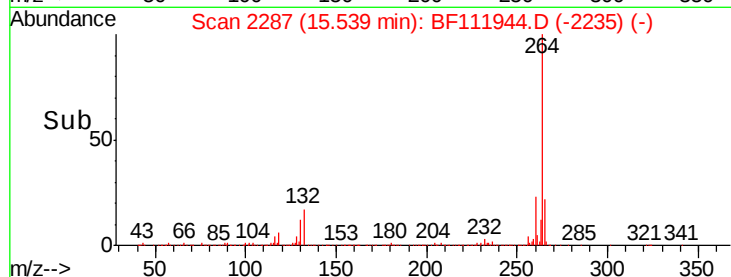
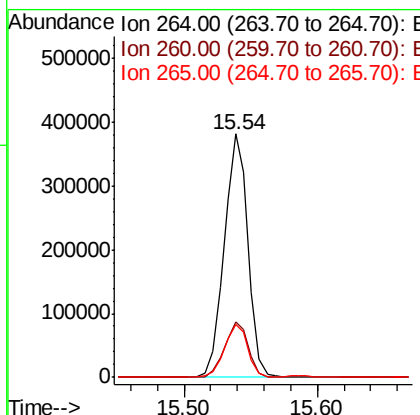
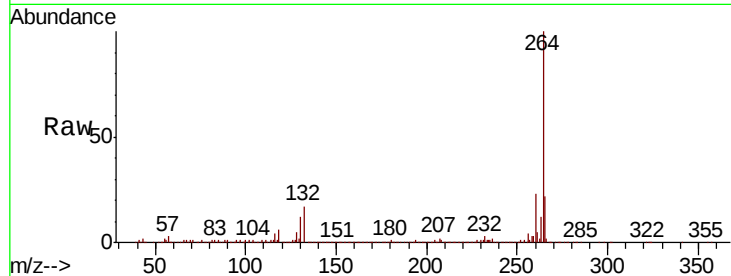
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampled :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.9	17.1	25.7

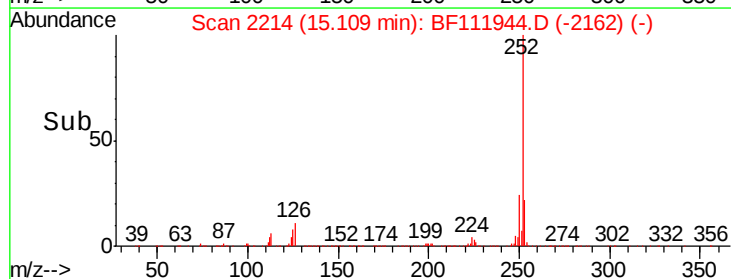
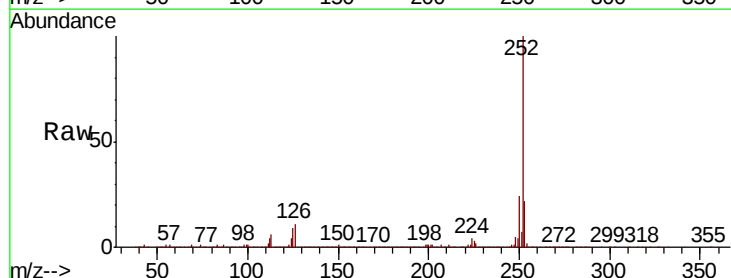
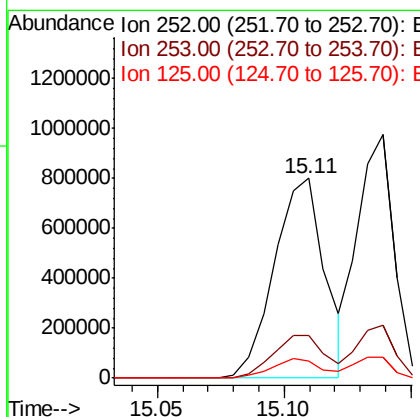
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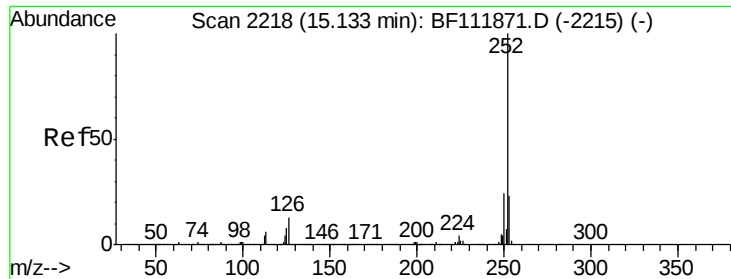
Sohil
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#88
Benzo(b)fluoranthene
Concen: 38.859 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	8.5	7.1	10.7





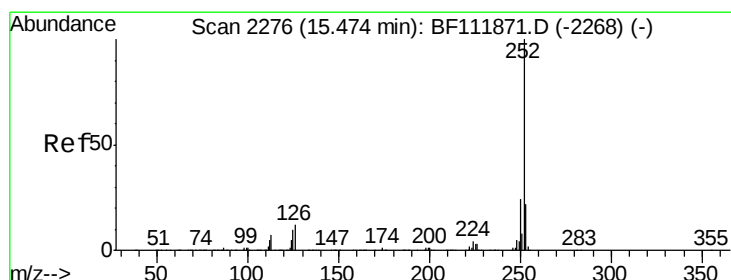
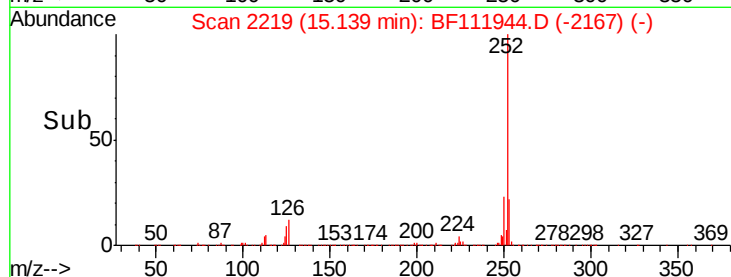
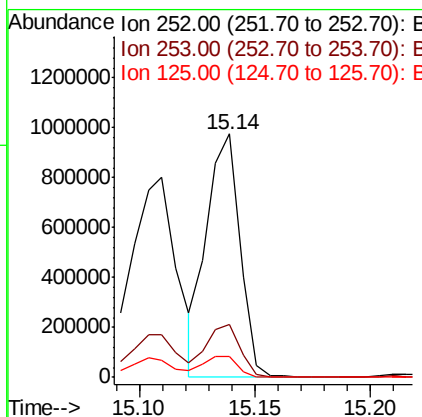
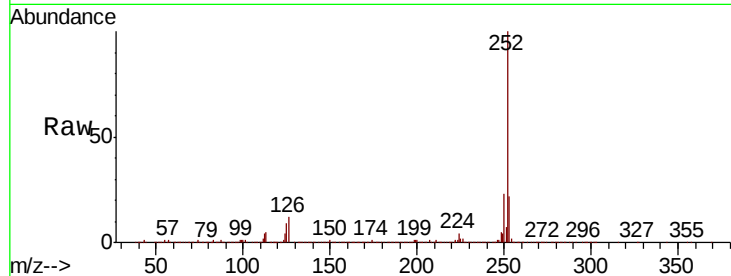
#89
Benzo(k)fluoranthene
Concen: 36.385 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	8.8	7.0	10.4

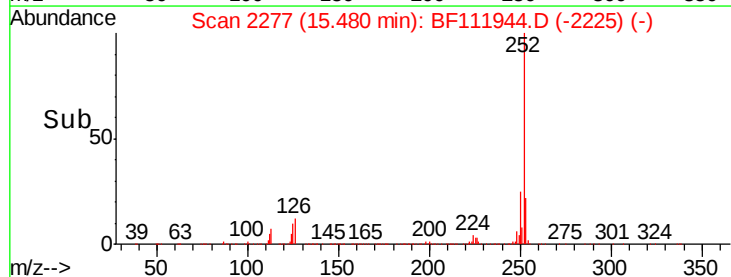
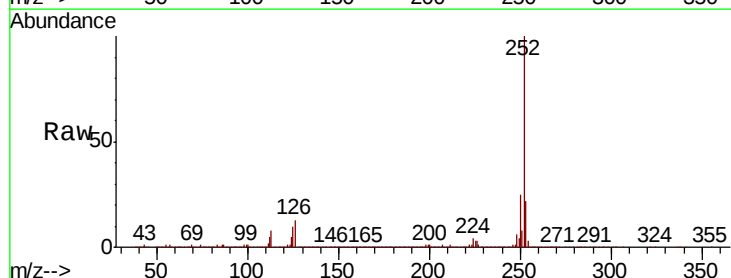
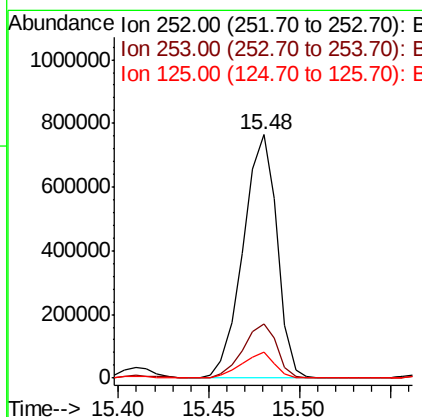
Manual Integrations
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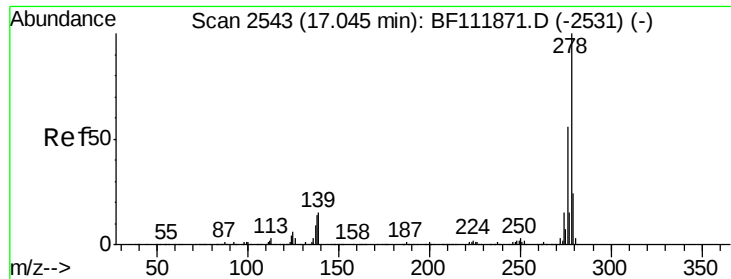
Sohil
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#90
Benzo(a)pyrene
Concen: 39.513 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.4	7.9	11.9





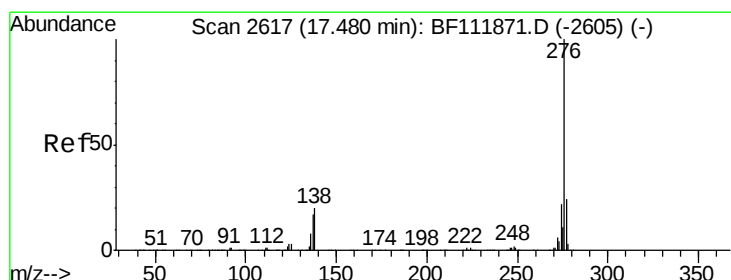
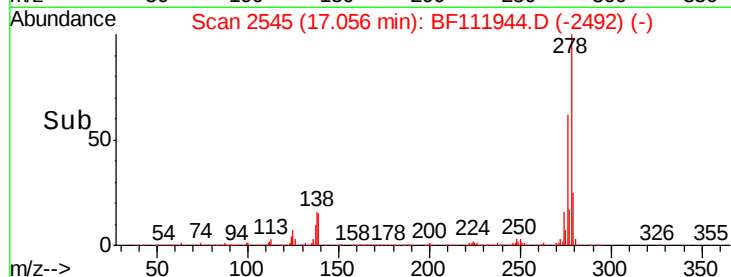
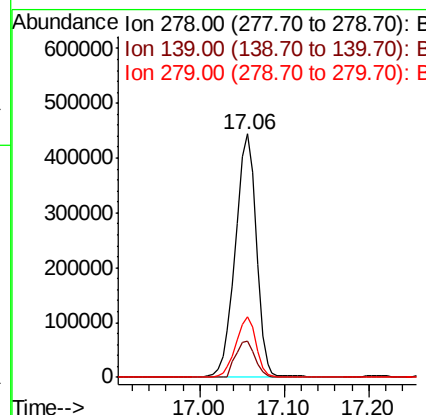
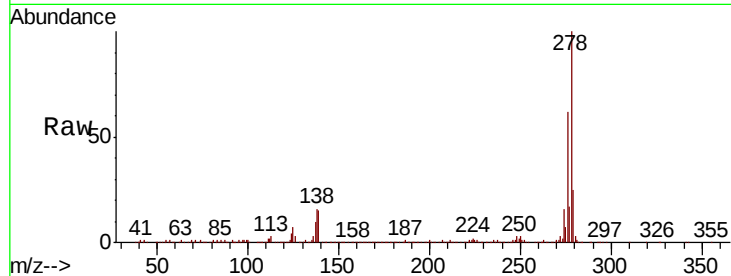
#91
Dibenzo(a,h)anthracene
Concen: 37.569 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Instrument :
BNA_F
ClientSampleId :
TN-1419MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.8	17.6
279	24.9	19.4	29.2

Manual Integrations
APPROVED

Sohil
1/10/2019 11:45:49 AM



#92
Benzo(g,h,i)perylene
Concen: 37.637 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.02 min
Lab File: BF111944.D
Acq: 9 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	18.6	16.2	24.2

