Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082619\
Data File : BF116568.D
Acq On : 26 Aug 2019 12:18
Operator : HP/JU
Sample : PB122490BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122490BS

Manual Integrations APPROVED
Jagrut
8/27/2019 10:30:24 AM

Quant Time: Aug 27 03:48:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	134811	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	564294	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	303823	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	541578	20.00	ng		0.00
76) Chrysene-d12	14.04	240	383160	20.00	ng		0.00
87) Perylene-d12	15.50	264	322390	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	824289	89.34	ng		0.02
7) Phenol-d6	6.52	99	1049284	92.75	ng		0.01
23) Nitrobenzene-d5	7.45	82	618369	59.95	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	292261	112.03	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1155516	61.25	ng		0.00
79) Terphenyl-d14	12.98	244	1271972	62.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	134793	33.743	ng		99
3) Pyridine	3.53	79	322773	26.533	ng		98
4) n-Nitrosodimethylamine	3.48	42	156534	35.248	ng		98
6) Aniline	6.55	93	417911	27.286	ng		99
8) 2-Chlorophenol	6.67	128	365570	37.757	ng		96
9) Benzaldehyde	6.43	77	266509	35.258	ng		95
10) Phenol	6.53	94	459532	37.406	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	345014	36.885	ng		99
12) 1,3-Dichlorobenzene	6.83	146	380815	36.338	ng		96
13) 1,4-Dichlorobenzene	6.90	146	387259	38.395	ng		97
14) 1,2-Dichlorobenzene	7.06	146	359120	37.743	ng		99
15) Benzyl Alcohol	7.02	79	338559	36.980	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	427867	33.083	ng		97
17) 2-Methylphenol	7.13	107	311594	38.842	ng		99
18) Hexachloroethane	7.40	117	143912	36.585	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	266729	34.553	ng		95
20) 3+4-Methylphenols	7.29	107	381729	38.845	ng	#	87
22) Acetophenone	7.29	105	514444	36.458	ng	#	97
24) Nitrobenzene	7.46	77	402372	37.670	ng		99
25) Isophorone	7.70	82	732341	36.030	ng		98
26) 2-Nitrophenol	7.78	139	199578	51.152	ng		92
27) 2,4-Dimethylphenol	7.82	122	342075	42.019	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	448238	35.709	ng		100
29) 2,4-Dichlorophenol	8.02	162	313880	40.542	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	338936	38.888	ng		99
31) Naphthalene	8.19	128	1068395	39.138	ng		100
32) Benzoic acid	7.93	122	237859	45.703	ng		94
33) 4-Chloroaniline	8.23	127	276640	23.085	ng		98
34) Hexachlorobutadiene	8.31	225	186089	39.149	ng		100
35) Caprolactam	8.60	113	97277m	36.072	ng		
36) 4-Chloro-3-methylphenol	8.71	107	340248	38.950	ng		97
37) 2-Methylnaphthalene	8.87	142	720849	38.459	ng		98
38) 1-Methylnaphthalene	8.97	142	675038	38.555	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	309871	37.908	ng		98

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Jagrut
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Quant Time: Aug 27 03:48:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	349959	79.573	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	229329	40.086	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	230004	39.513	ng		95
46) 1,1'-Biphenyl	9.34	154	900454	37.069	ng		99
47) 2-Chloronaphthalene	9.36	162	686916	36.476	ng		98
48) 2-Nitroaniline	9.45	65	219193	38.015	ng		97
49) Acenaphthylene	9.78	152	1071878	38.904	ng		99
50) Dimethylphthalate	9.64	163	807111	38.075	ng		100
51) 2,6-Dinitrotoluene	9.70	165	185922	42.850	ng		90
52) Acenaphthene	9.95	154	737208	41.699	ng		99
53) 3-Nitroaniline	9.86	138	143105	27.669	ng		90
54) 2,4-Dinitrophenol	9.97	184	170317	98.120	ng	#	1
55) Dibenzofuran	10.13	168	949669	38.535	ng		100
56) 4-Nitrophenol	10.03	139	314113	78.139	ng		90
57) 2,4-Dinitrotoluene	10.10	165	246950	44.729	ng		97
58) Fluorene	10.47	166	733298	38.298	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	194901	40.777	ng		98
60) Diethylphthalate	10.34	149	802288	38.507	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	359240	38.459	ng		98
62) 4-Nitroaniline	10.48	138	202888	40.110	ng		95
63) Azobenzene	10.62	77	799081	37.302	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	120709	53.428	ng		79
66) n-Nitrosodiphenylamine	10.57	169	666214	37.991	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	220201	38.783	ng		94
68) Hexachlorobenzene	11.02	284	231497	36.863	ng	#	92
69) Atrazine	11.10	200	205298	39.074	ng		99
70) Pentachlorophenol	11.20	266	288411	78.716	ng		98
71) Phenanthrene	11.43	178	1115011	37.793	ng		100
72) Anthracene	11.48	178	1149053	38.759	ng		99
73) Carbazole	11.63	167	1015258	38.152	ng		99
74) Di-n-butylphthalate	11.96	149	1272561	38.591	ng		99
75) Fluoranthene	12.61	202	1160218	38.037	ng		97
77) Benzidine	12.73	184	426700	27.679	ng		97
78) Pyrene	12.84	202	1154168	37.667	ng		98
80) Butylbenzylphthalate	13.46	149	532826	40.264	ng		96
81) Benzo(a)anthracene	14.03	228	916629	36.937	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	286140	32.356	ng		100
83) Chrysene	14.06	228	929608	36.959	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	702561	39.815	ng		99
85) Di-n-octyl phthalate	14.63	149	1189017	39.690	ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	724430	33.622	ng		98
88) Benzo(b)fluoranthene	15.08	252	857148	43.039	ng		97
89) Benzo(k)fluoranthene	15.11	252	785090	43.513	ng		98
90) Benzo(a)pyrene	15.44	252	759687	43.160	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	601717	41.602	ng		98
92) Benzo(g,h,i)perylene	17.42	276	586567	42.540	ng		98

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

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Instrument :
BNA_F
ClientSampleId :
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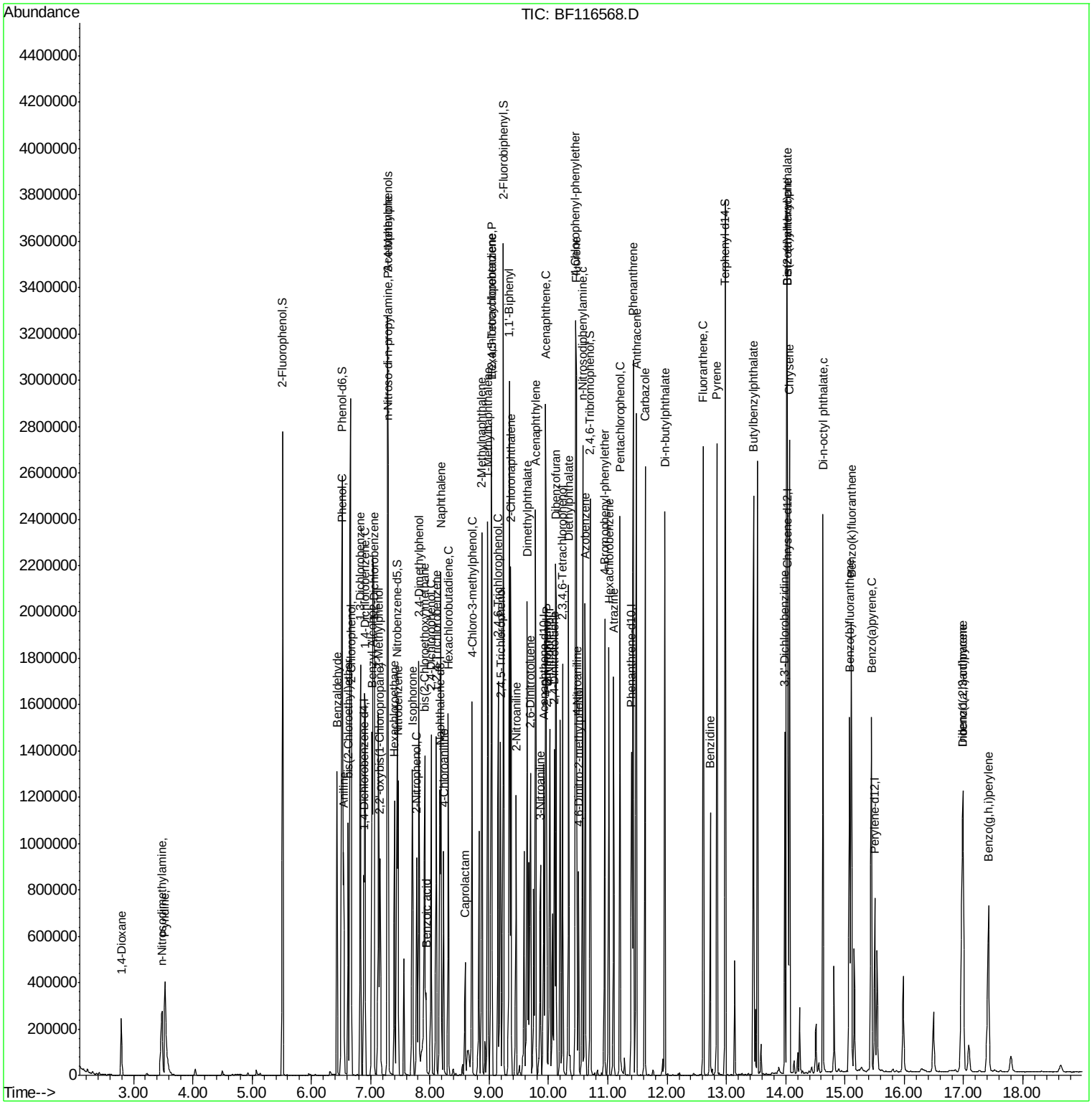
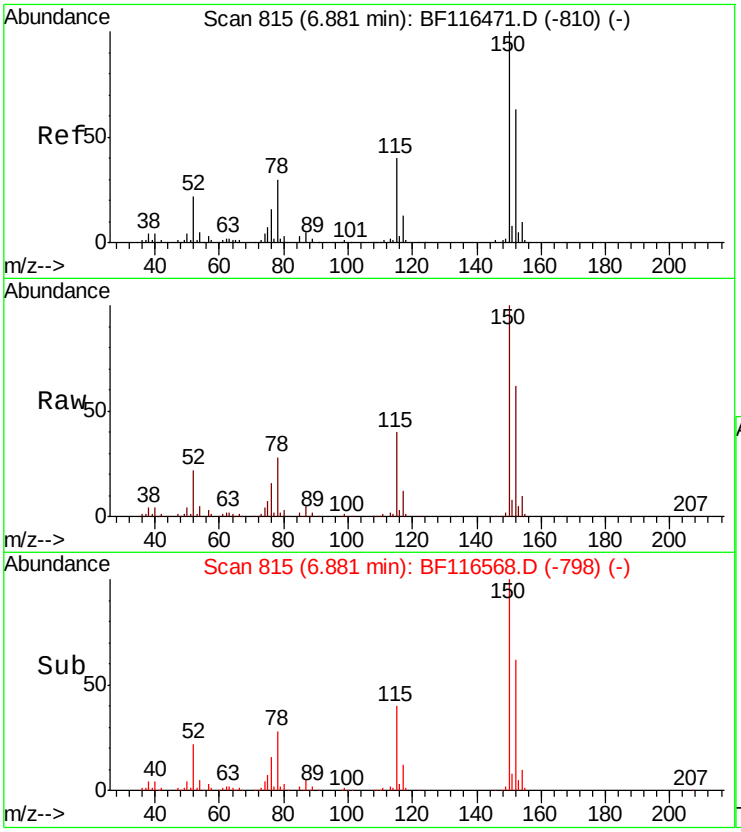
Jagrut
8/27/2019 10:30:24 AM

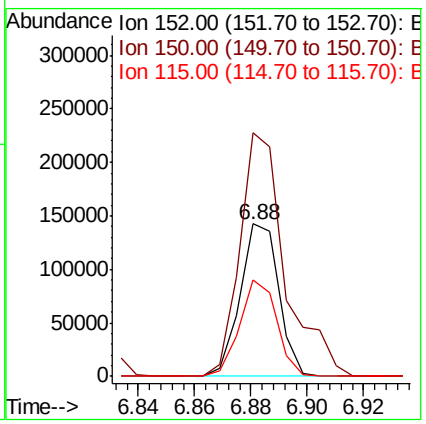




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:152 Resp: 134811

Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.7	190.1
115	63.3	50.9	76.3



Instrument :
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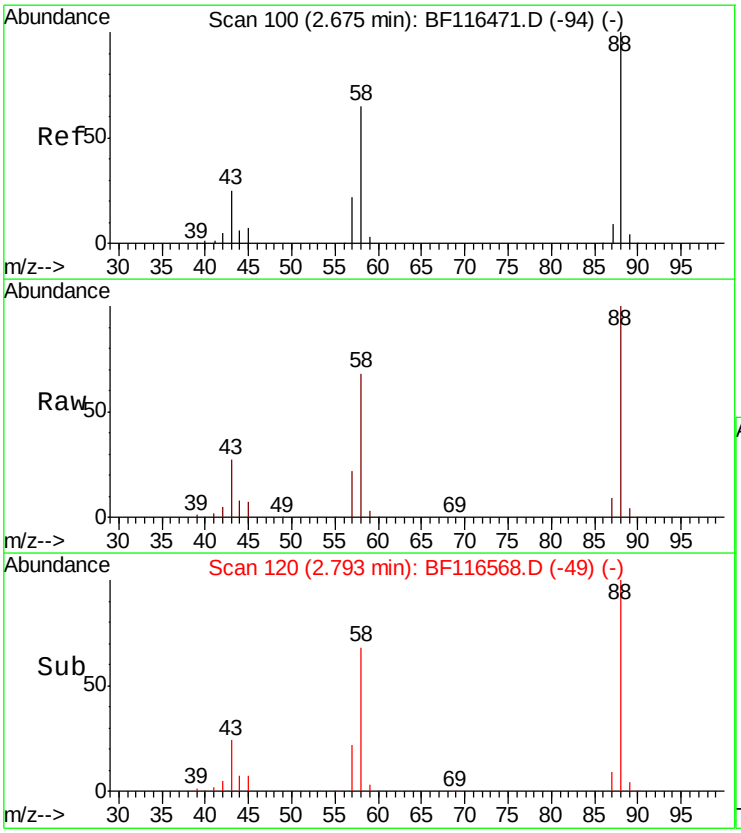
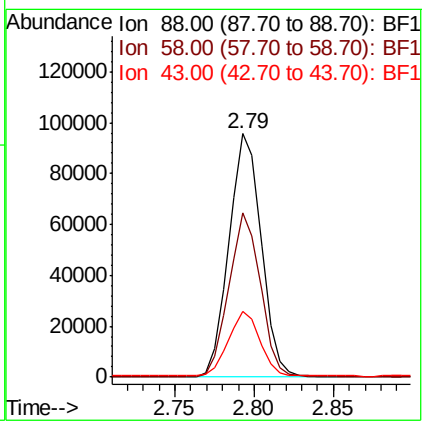
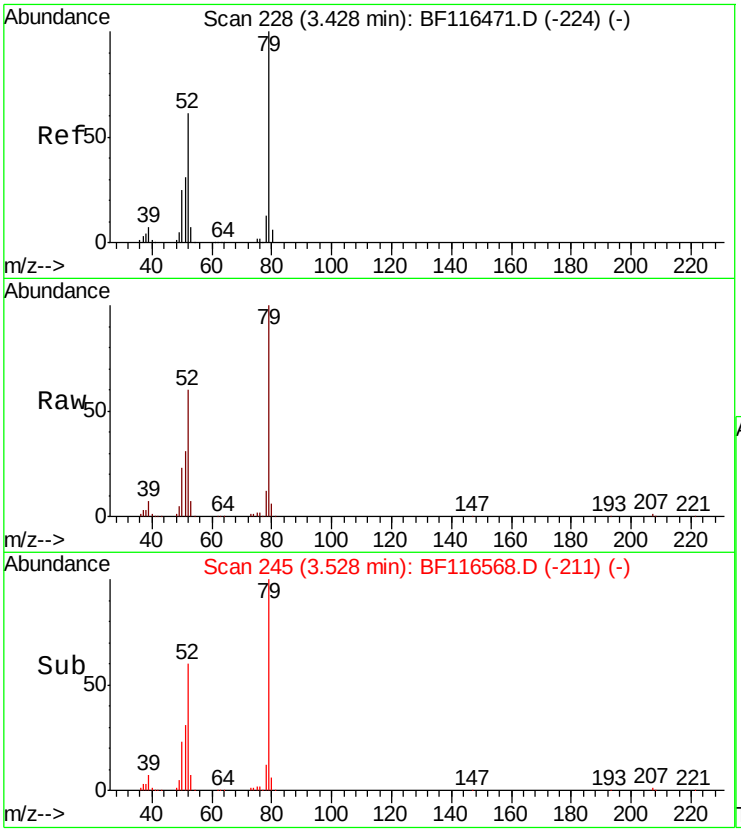


#2
1,4-Dioxane
Concen: 33.743 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.12 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 88 Resp: 134793

Ion	Ratio	Lower	Upper
88	100		
58	66.1	53.4	80.0
43	26.3	21.2	31.8

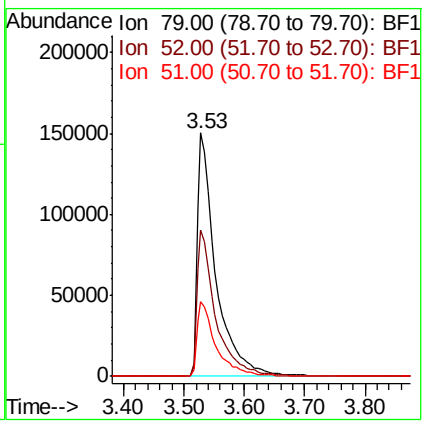




#3
Pyridine
Concen: 26.533 ng
RT: 3.53 min Scan# 245
Delta R.T. 0.10 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 79 Resp: 322773

Ion	Ratio	Lower	Upper
79	100		
52	59.9	48.8	73.2
51	30.5	25.2	37.8



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BNA_F
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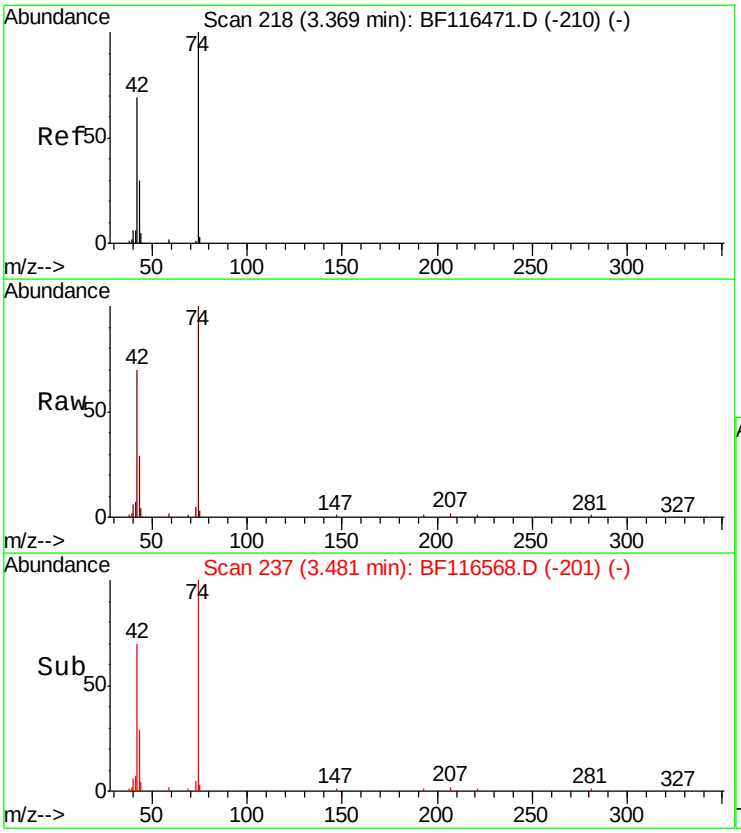
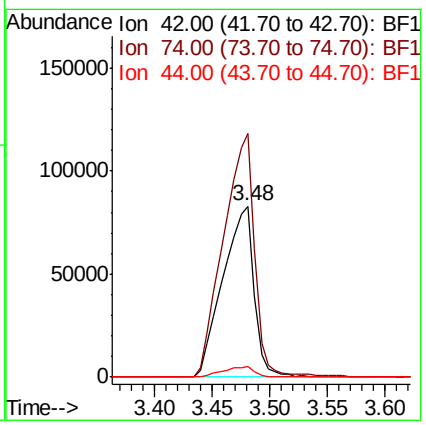
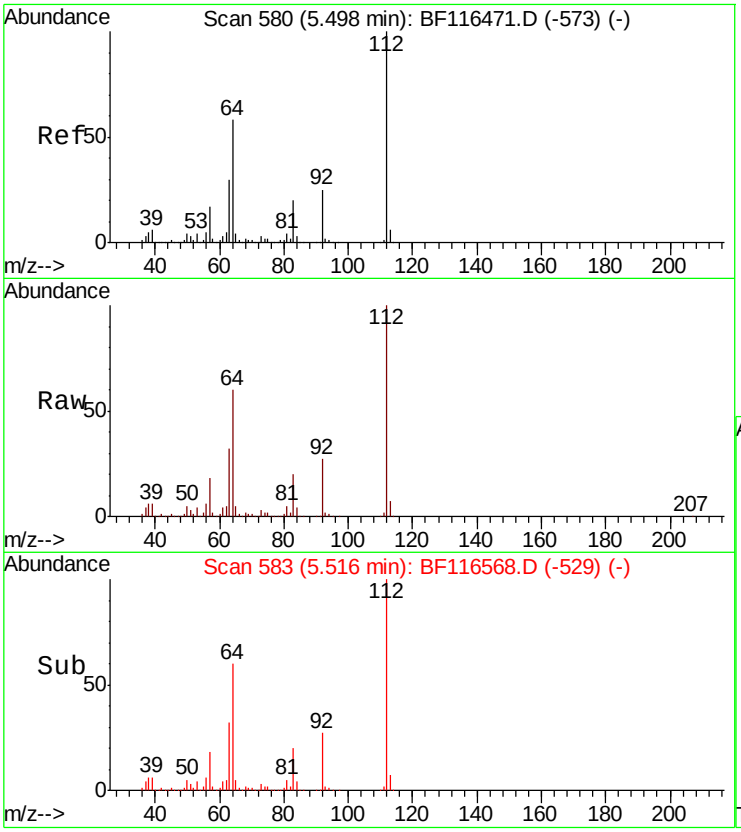


#4
n-Nitrosodimethylamine
Concen: 35.248 ng
RT: 3.48 min Scan# 237
Delta R.T. 0.11 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 42 Resp: 156534

Ion	Ratio	Lower	Upper
42	100		
74	142.3	115.3	172.9
44	5.9	5.8	8.8

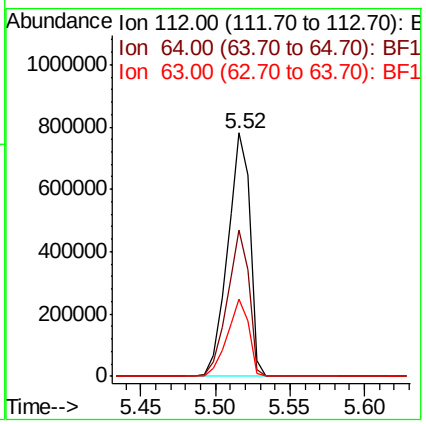




#5
2-Fluorophenol
Concen: 89.340 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:112 Resp: 824289

Ion	Ratio	Lower	Upper
112	100		
64	60.3	46.3	69.5
63	31.8	24.2	36.4



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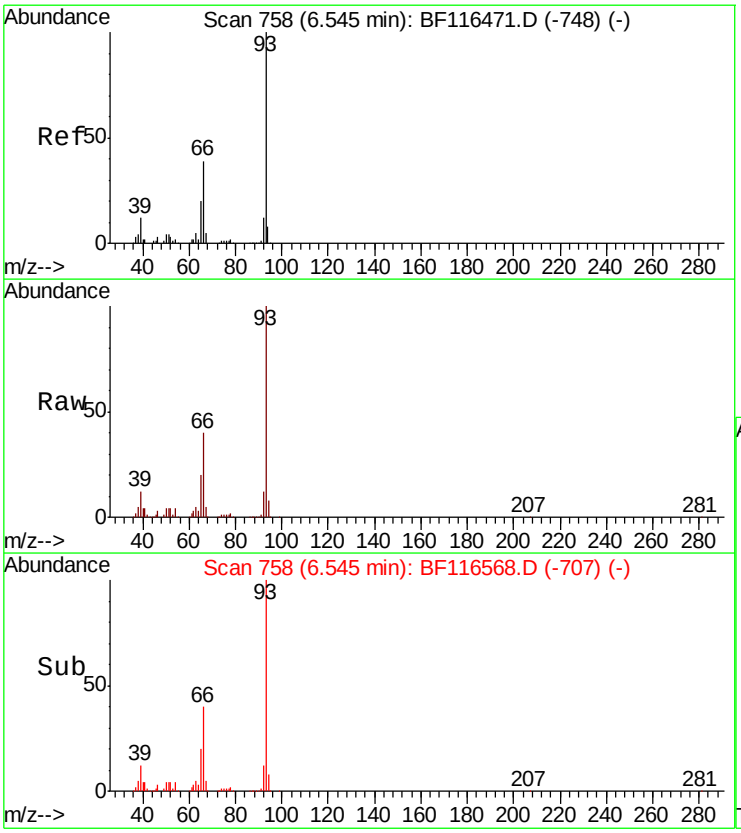
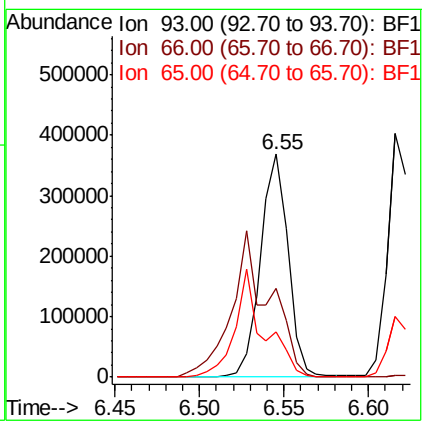
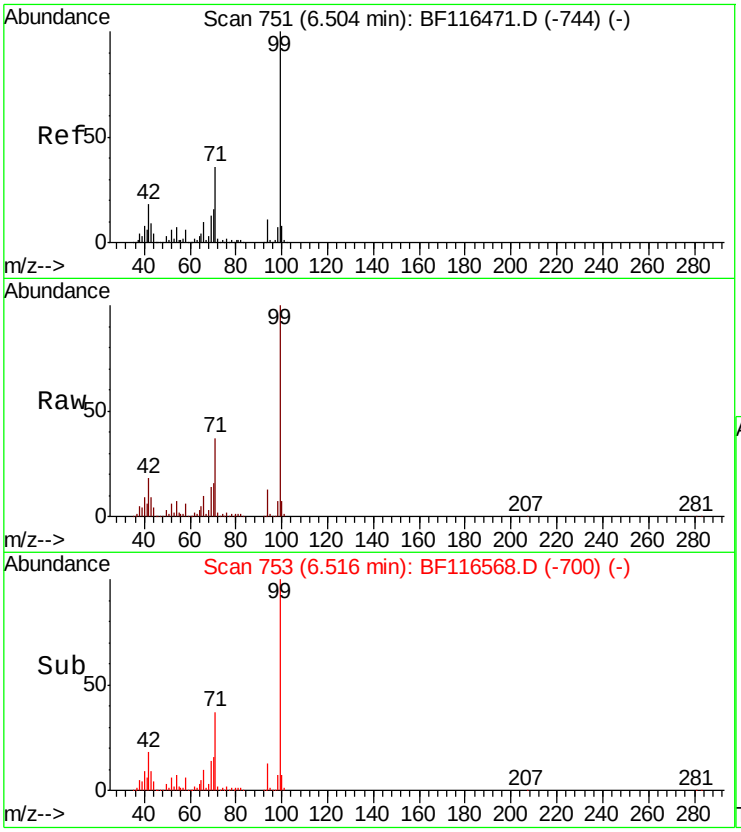


#6
Aniline
Concen: 27.286 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 93 Resp: 417911

Ion	Ratio	Lower	Upper
93	100		
66	39.6	32.2	48.2
65	20.1	16.3	24.5

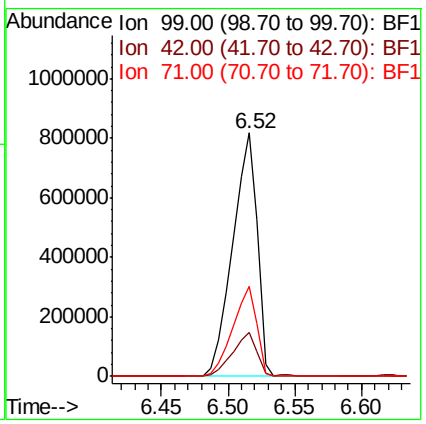




#7
Phenol-d6
Concen: 92.751 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 99 Resp: 1049284

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.6	21.8
71	36.9	28.5	42.7



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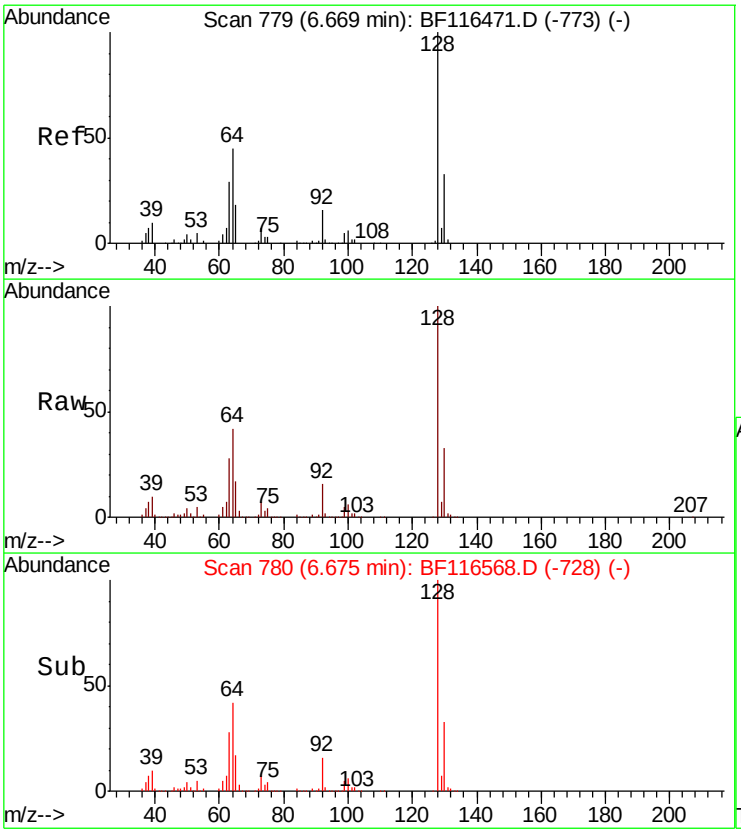
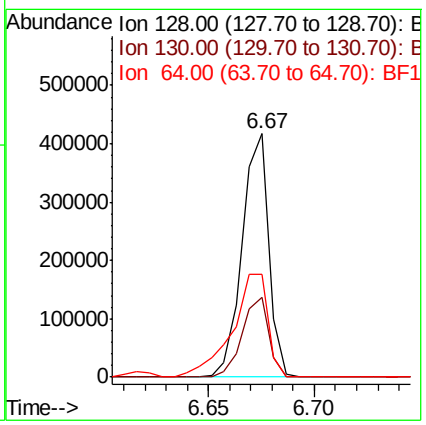
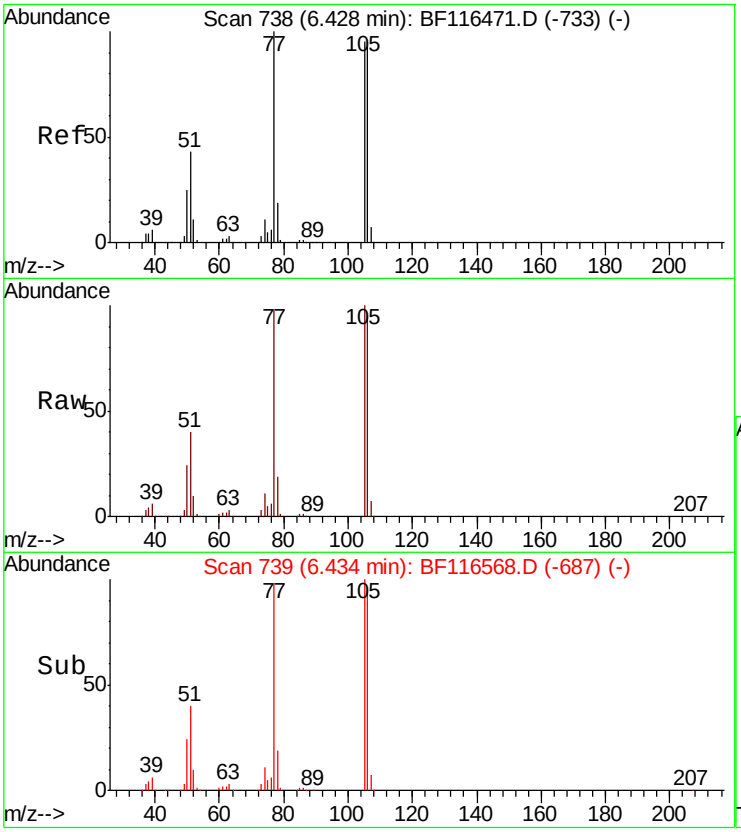


#8
2-Chlorophenol
Concen: 37.757 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:128 Resp: 365570

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.4	53.4
64	42.3	26.3	66.3

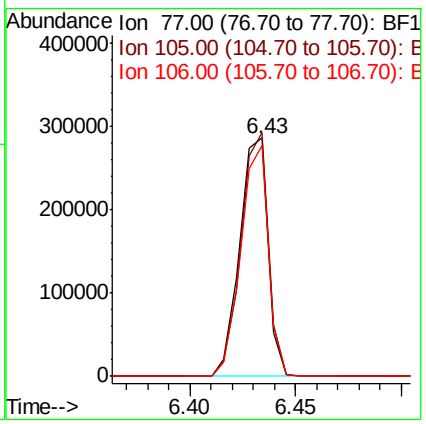




#9
Benzaldehyde
Concen: 35.258 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 77 Resp: 266509

Ion	Ratio	Lower	Upper
77	100		
105	102.1	75.5	115.5
106	97.1	73.2	113.2



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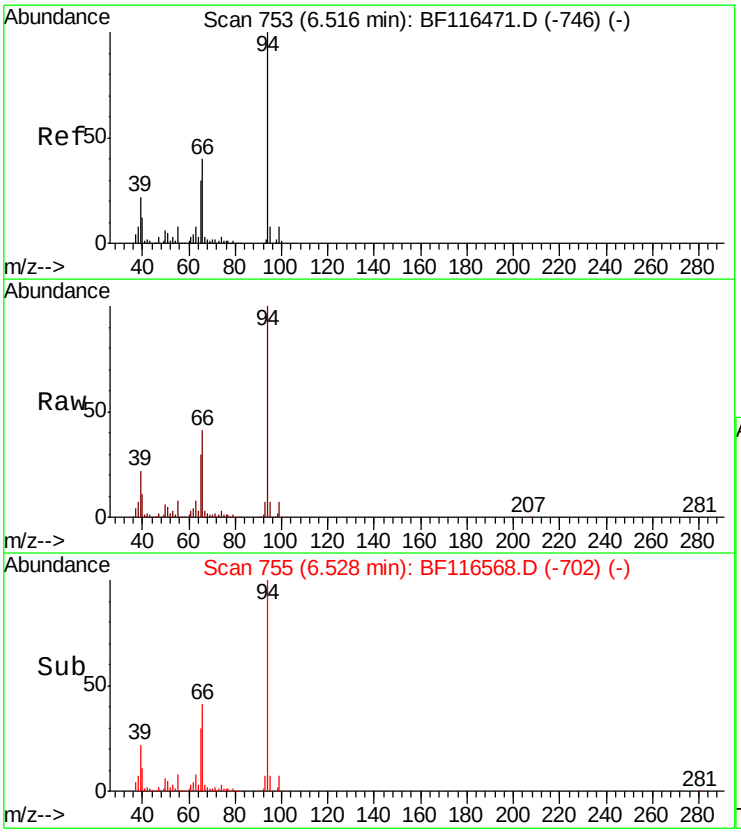
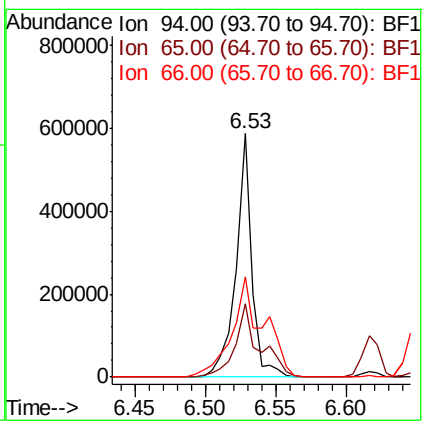
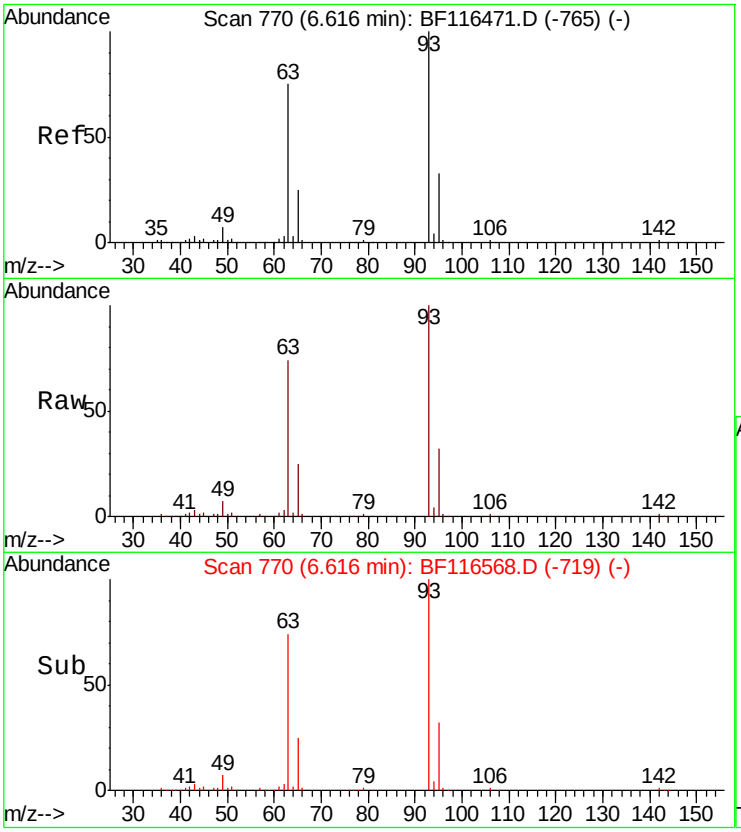


#10
Phenol
Concen: 37.406 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 94 Resp: 459532

Ion	Ratio	Lower	Upper
94	100		
65	30.2	10.0	50.0
66	41.1	19.8	59.8

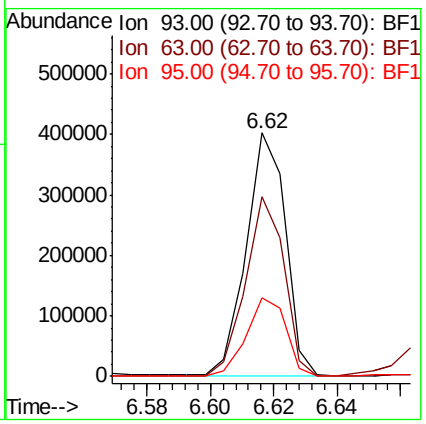




#11
bis(2-Chloroethyl)ether
Concen: 36.885 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 93 Resp: 345014

Ion	Ratio	Lower	Upper
93	100		
63	73.5	54.3	94.3
95	32.4	13.3	53.3



Instrument :
BNA_F
ClientSampleId :
PB122490BS

Manual Integrations APPROVED
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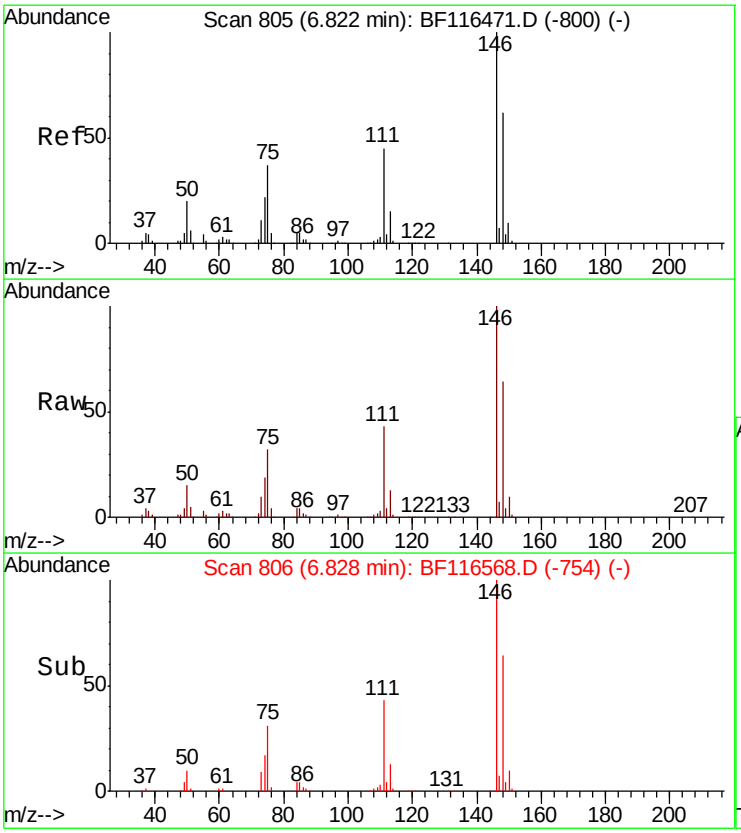
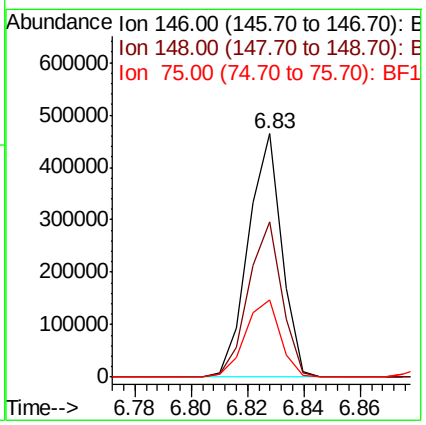
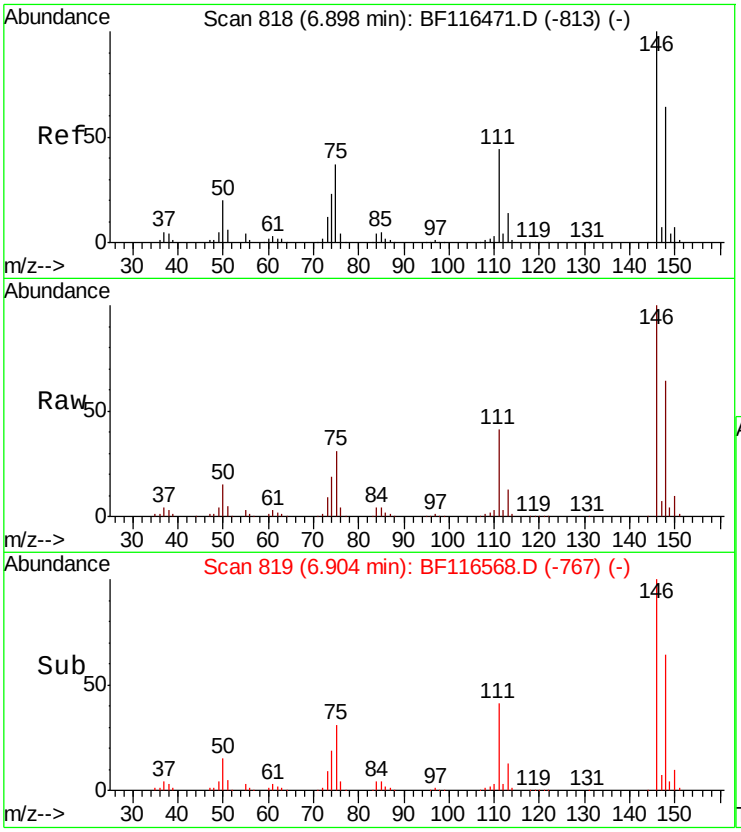


#12
1,3-Dichlorobenzene
Concen: 36.338 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:146 Resp: 380815

Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.8	74.8
75	31.8	29.3	43.9

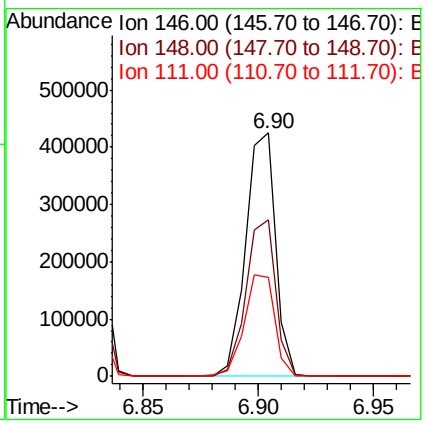




#13
1,4-Dichlorobenzene
Concen: 38.395 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:146 Resp: 387259

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.4
111	40.7	35.4	53.2



Instrument :
BNA_F
ClientSampleId :
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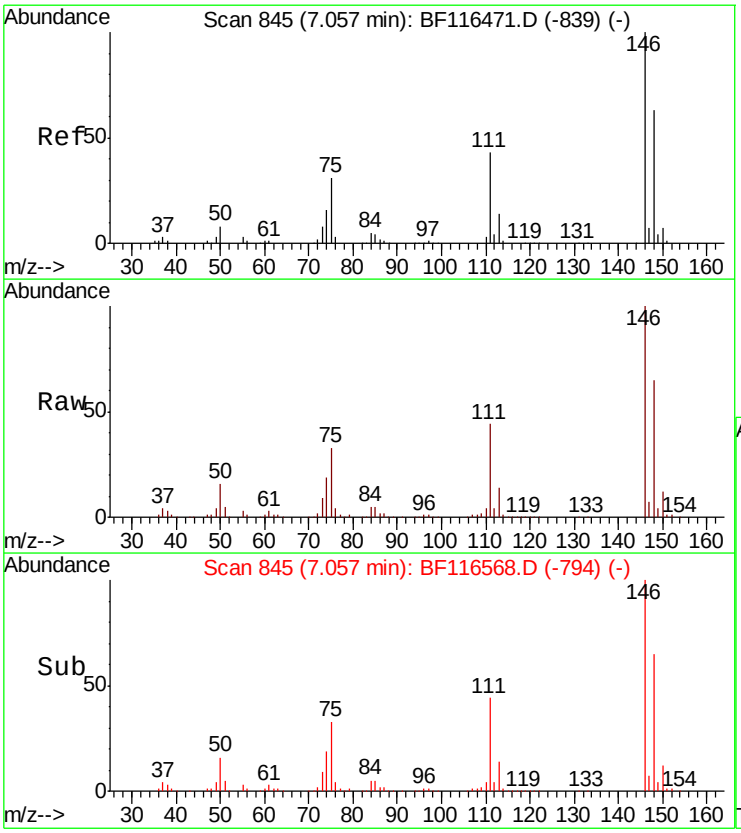
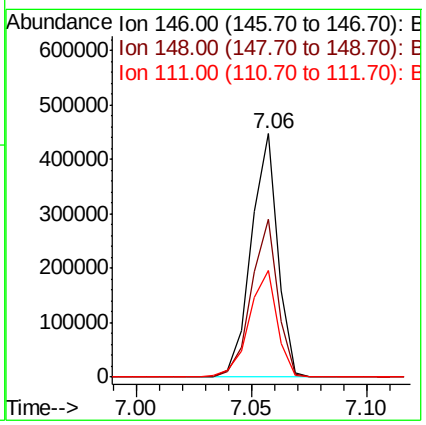
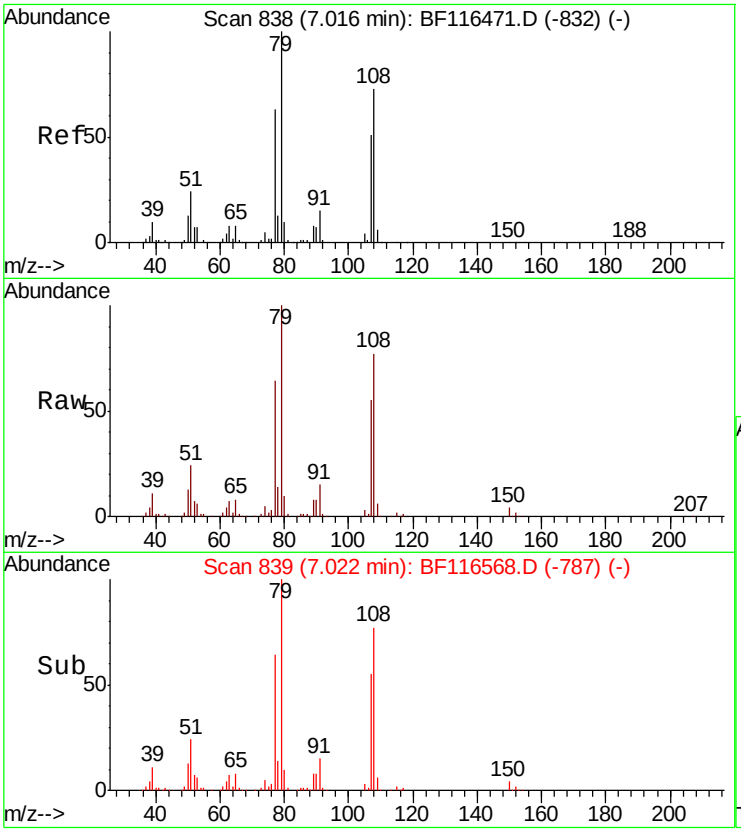


#14
1,2-Dichlorobenzene
Concen: 37.743 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:146 Resp: 359120

Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	43.9	34.5	51.7

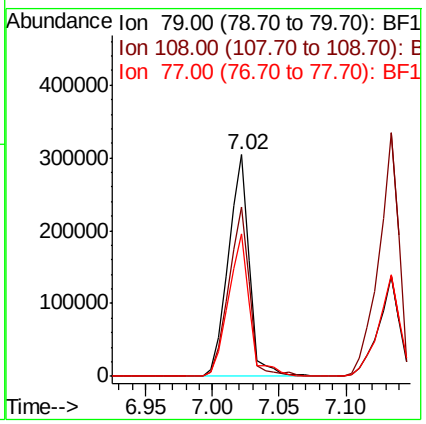




#15
Benzyl Alcohol
Concen: 36.980 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 79 Resp: 338559

Ion	Ratio	Lower	Upper
79	100		
108	76.5	58.1	87.1
77	64.4	50.6	76.0



Instrument :
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ClientSampleId :
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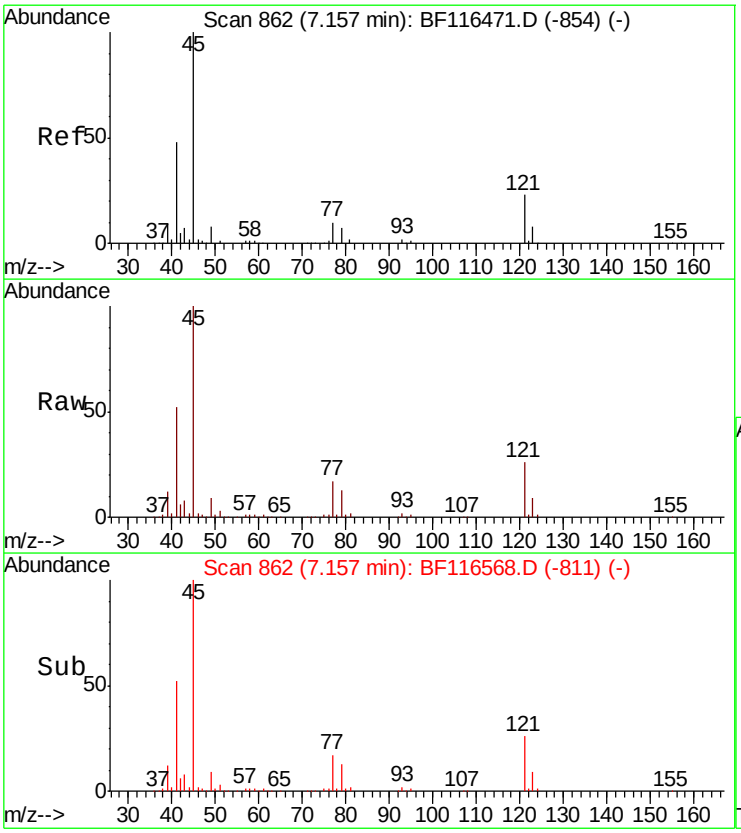
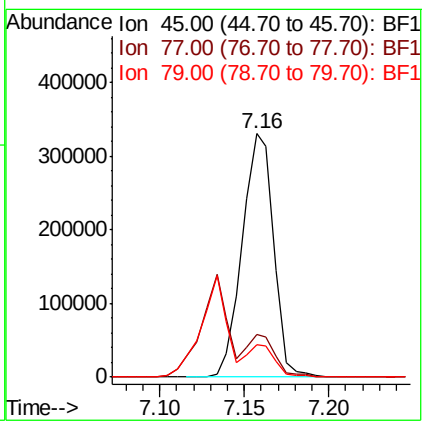
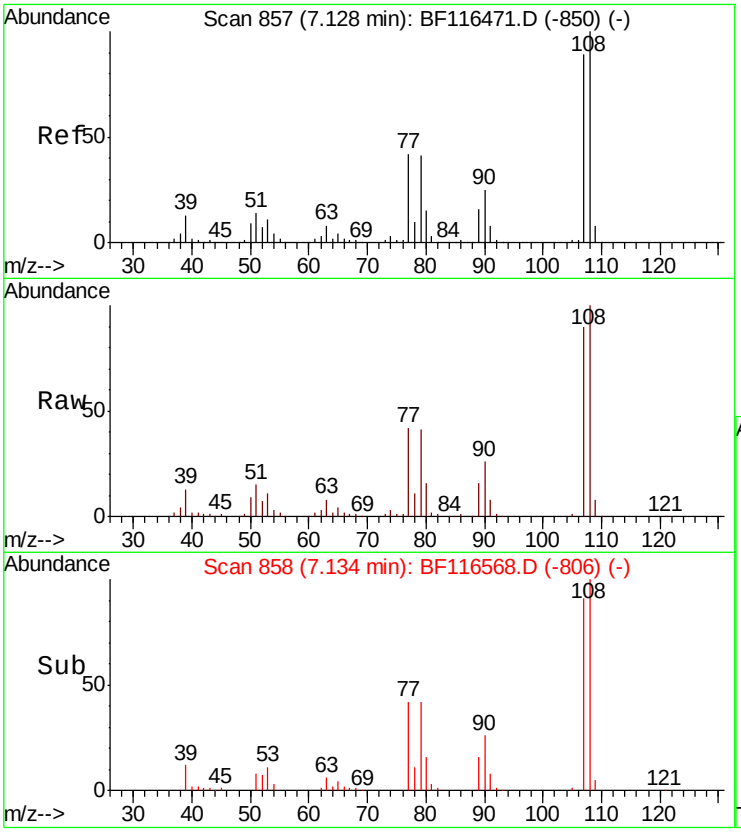


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.083 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 45 Resp: 427867

Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	36.1
79	13.4	0.0	32.3

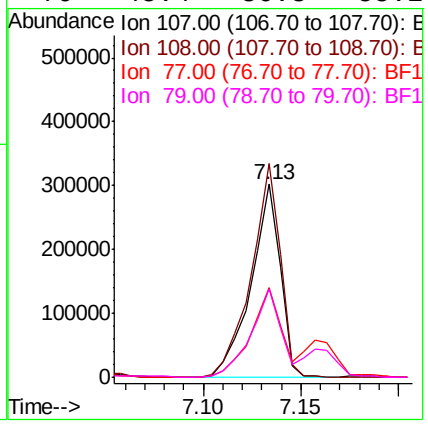




#17
2-Methylphenol
Concen: 38.842 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:107 Resp: 311594

Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.0	135.0
77	46.2	37.6	56.4
79	45.4	36.8	55.2



Instrument :
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ClientSampleId :
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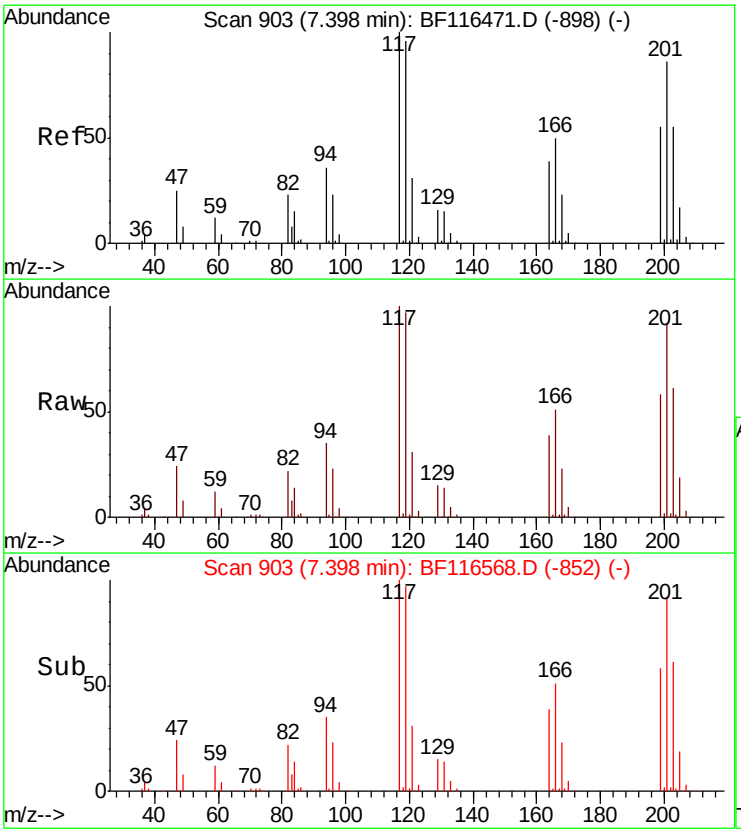
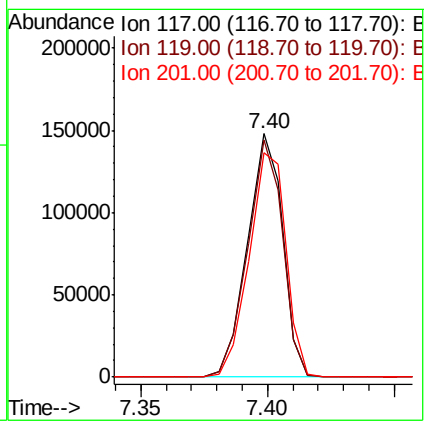
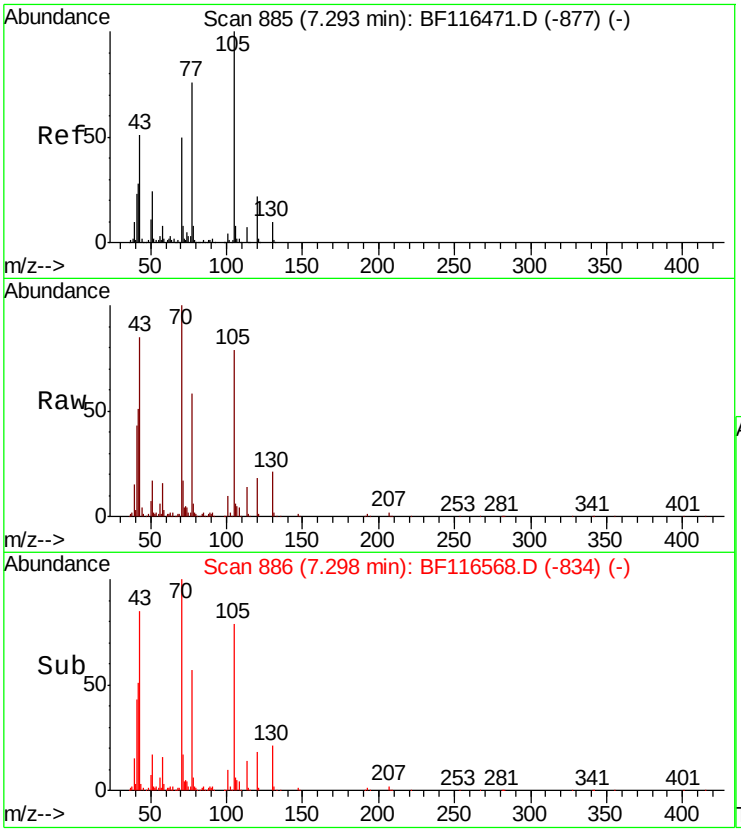


#18
Hexachloroethane
Concen: 36.585 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:117 Resp: 143912

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.0	115.6
201	92.4	69.1	103.7

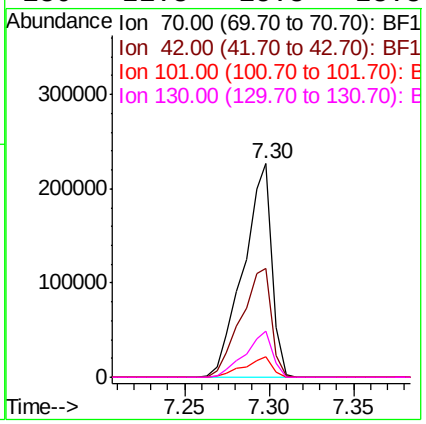




#19
n-Nitroso-di-n-propylamine
Concen: 34.553 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 70 Resp: 266729

Ion	Ratio	Lower	Upper
70	100		
42	50.8	44.4	66.6
101	9.8	7.1	10.7
130	21.3	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
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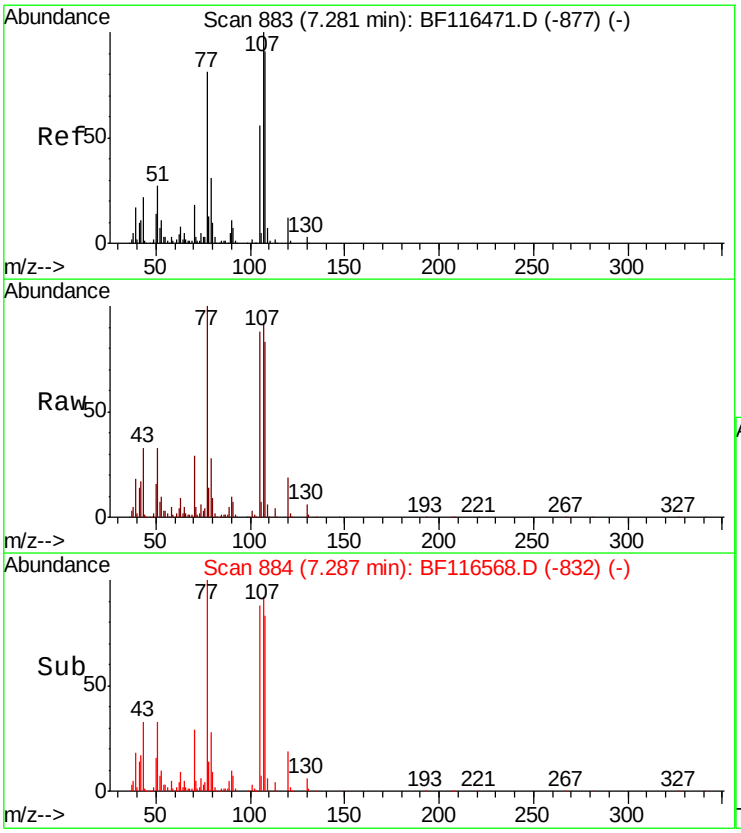
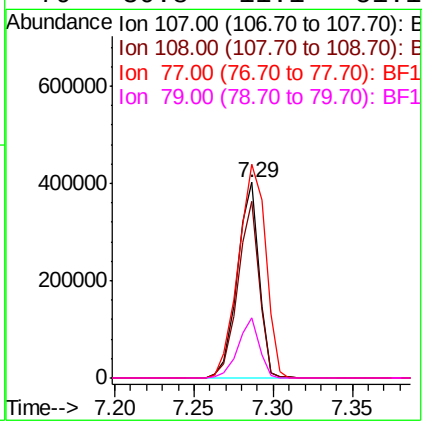
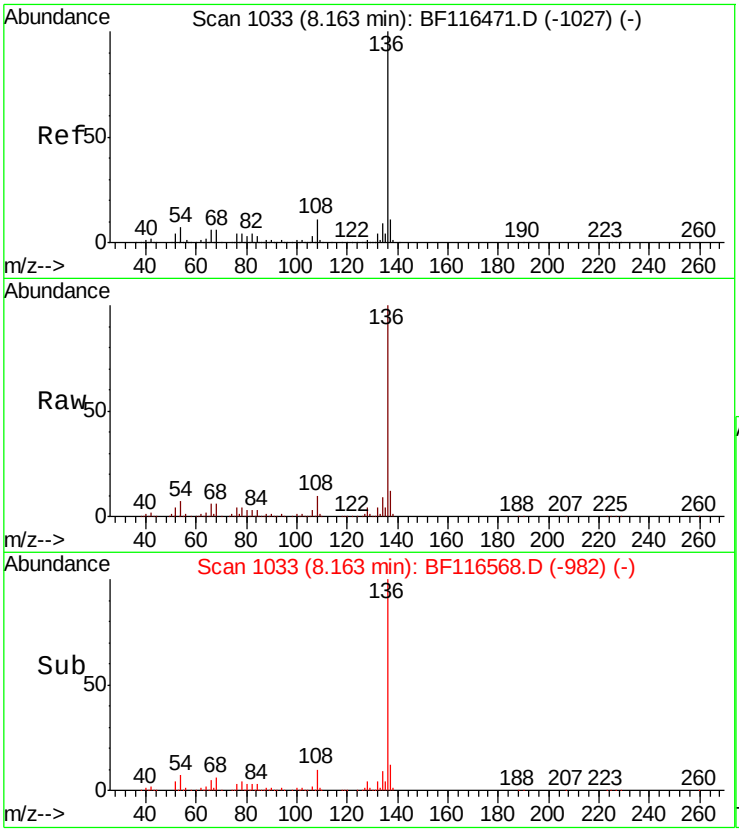


#20
3+4-Methylphenols
Concen: 38.845 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:107 Resp: 381729

Ion	Ratio	Lower	Upper
107	100		
108	90.5	70.7	110.7
77	109.1	60.6	100.6#
79	30.8	11.1	51.1

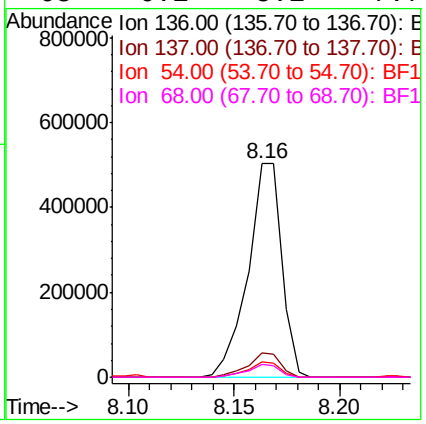




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:136 Resp: 564294

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	7.2	5.8	8.6
68	6.1	5.1	7.7



Instrument :
BNA_F
ClientSampleId :
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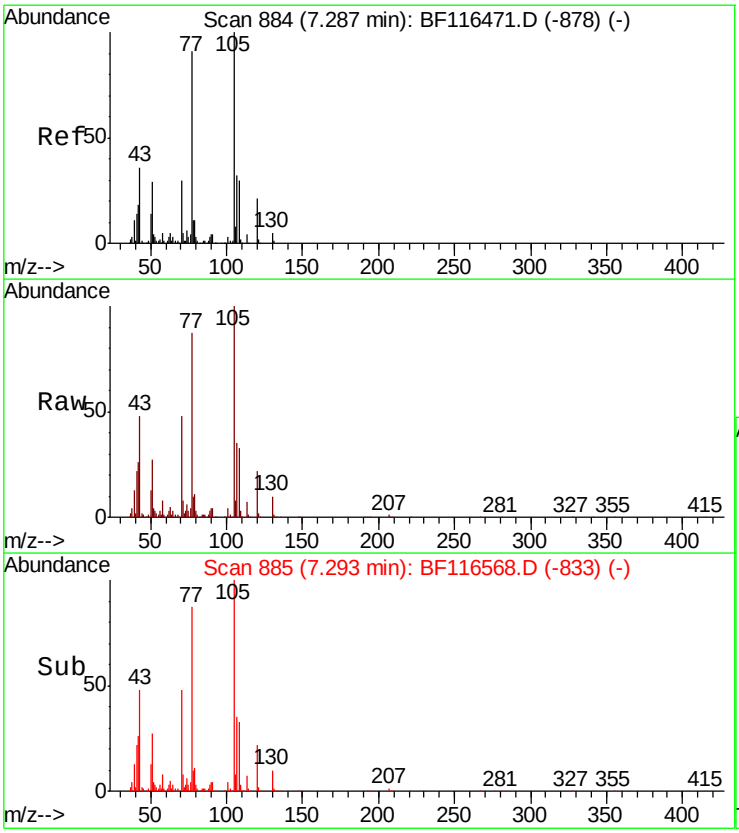
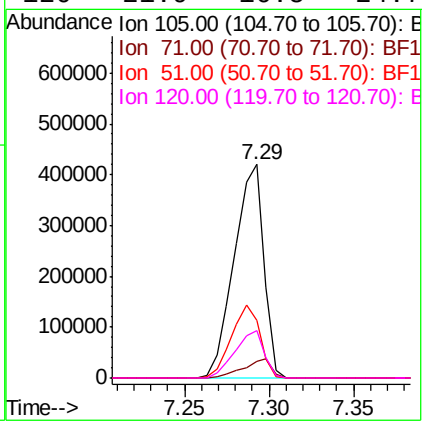
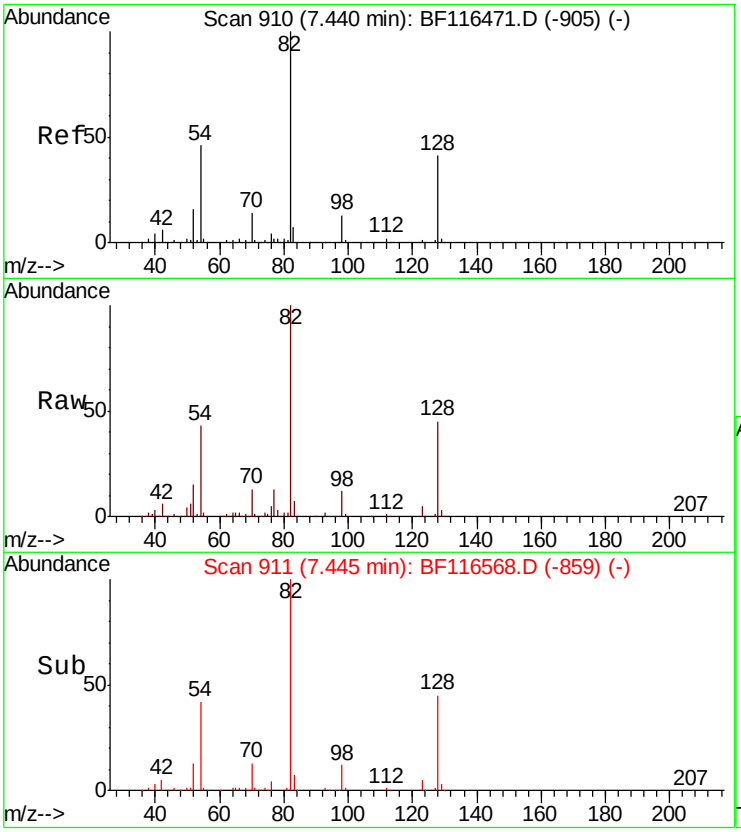


#22
Acetophenone
Concen: 36.458 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:105 Resp: 514444

Ion	Ratio	Lower	Upper
105	100		
71	7.9	4.2	6.2#
51	27.2	23.0	34.4
120	21.9	16.5	24.7

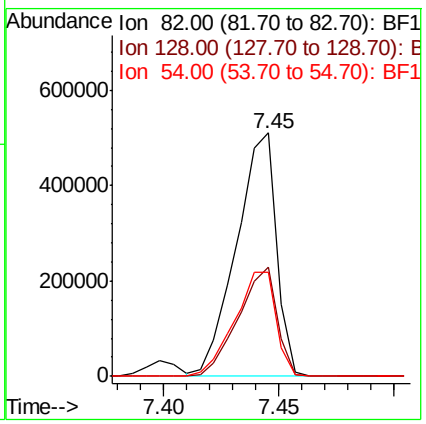




#23
Nitrobenzene-d5
Concen: 59.953 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 82 Resp: 618369

Ion	Ratio	Lower	Upper
82	100		
128	44.7	32.2	48.4
54	42.8	36.5	54.7



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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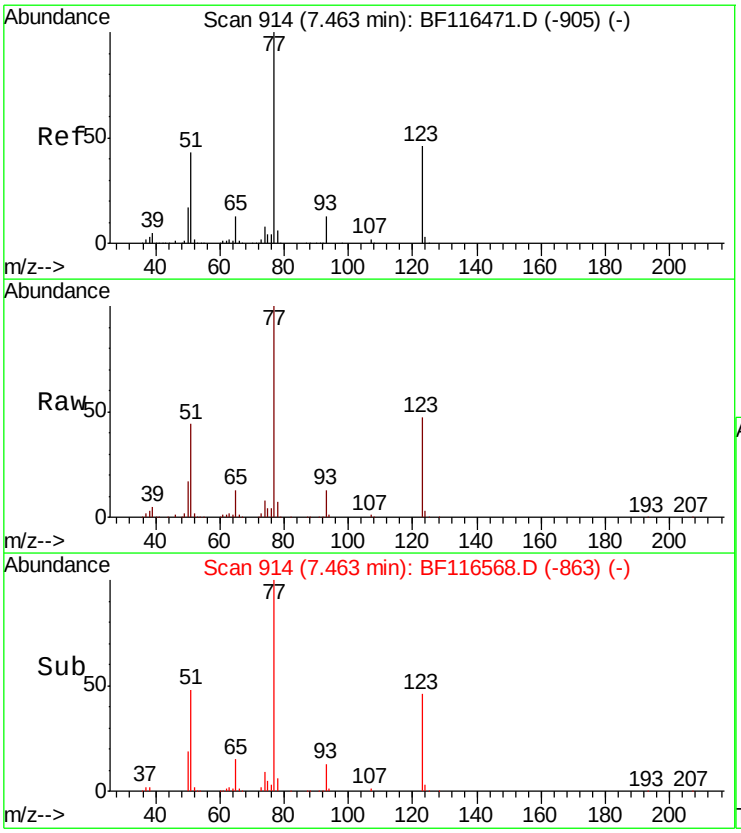
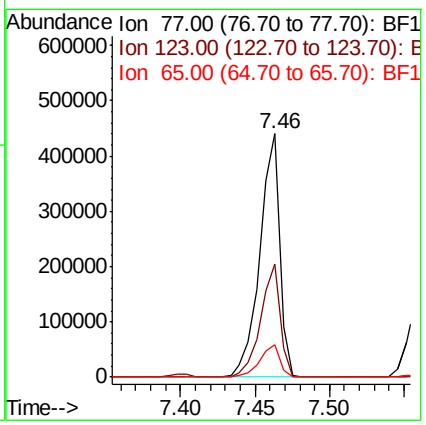
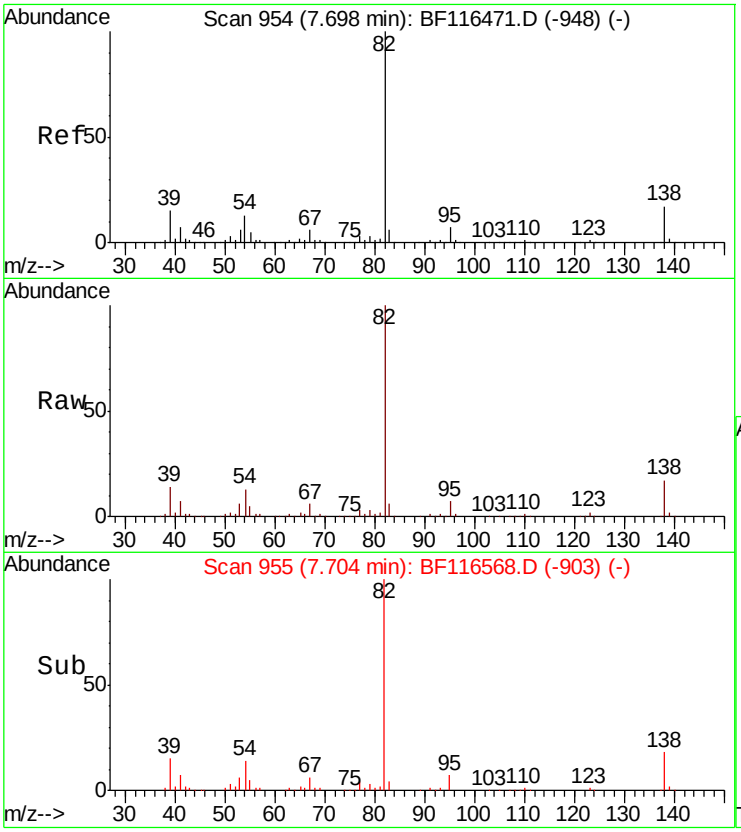


#24
Nitrobenzene
Concen: 37.670 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 77 Resp: 402372

Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.0	55.4
65	13.4	10.5	15.7

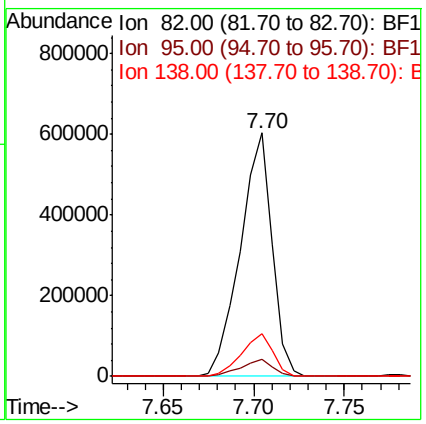




#25
Isophorone
Concen: 36.030 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 82 Resp: 732341

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.3	7.9
138	17.4	13.3	19.9



Instrument :
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ClientSampleId :
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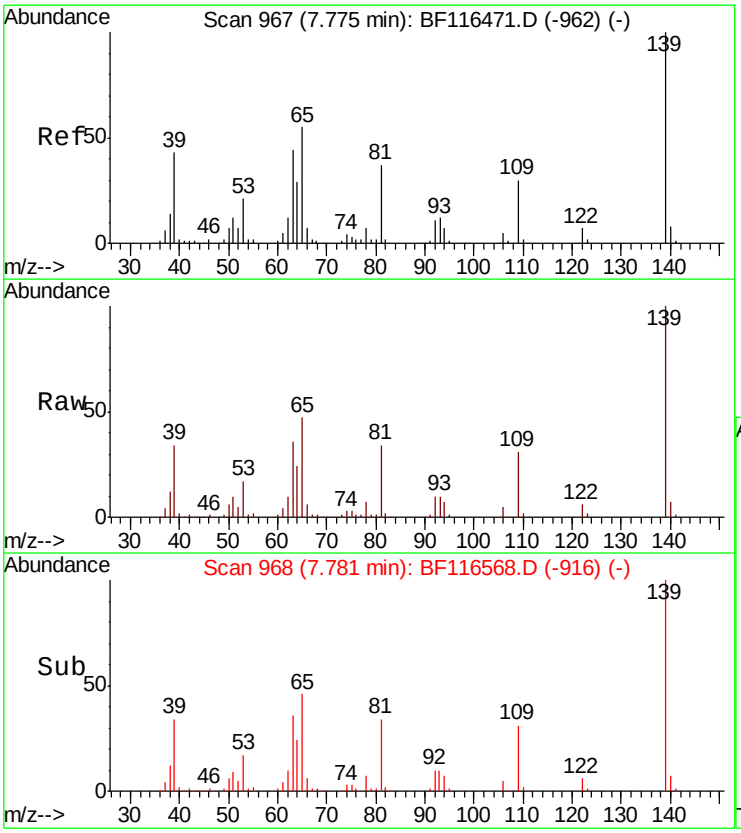
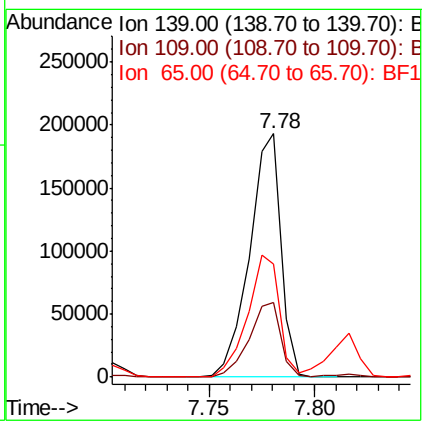
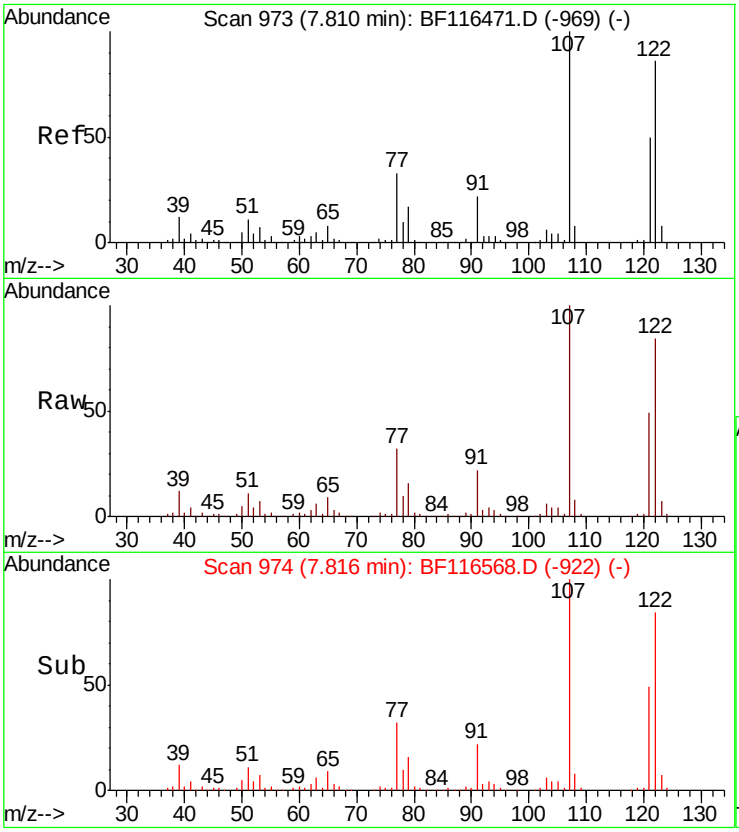


#26
2-Nitrophenol
Concen: 51.152 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:139 Resp: 199578

Ion	Ratio	Lower	Upper
139	100		
109	30.7	24.3	36.5
65	46.6	44.0	66.0

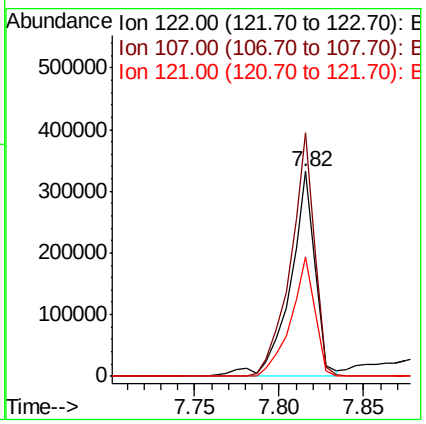




#27
2,4-Dimethylphenol
Concen: 42.019 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:122 Resp: 342075

Ion	Ratio	Lower	Upper
122	100		
107	119.0	92.4	138.6
121	58.5	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
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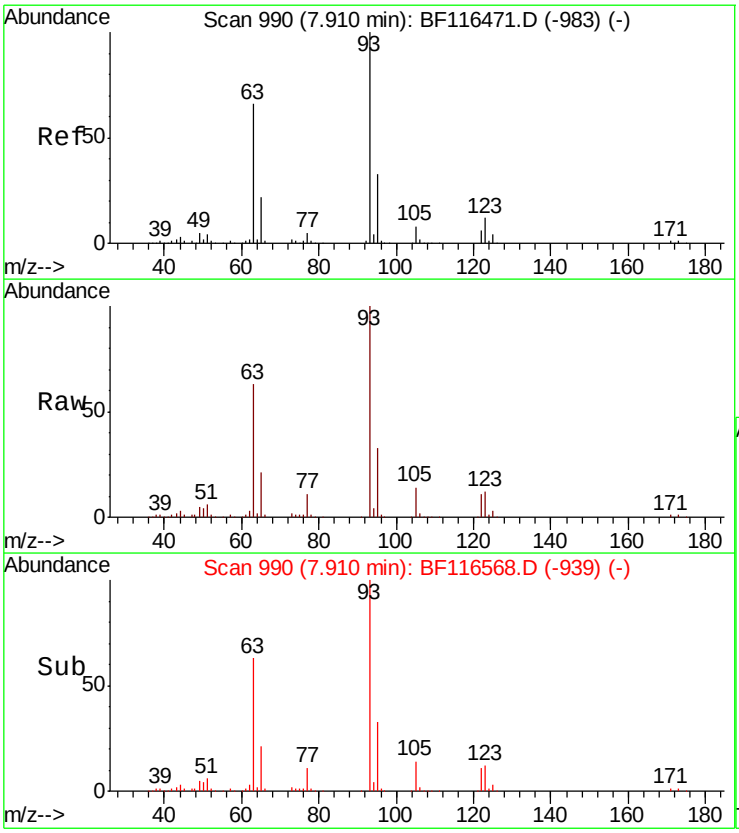
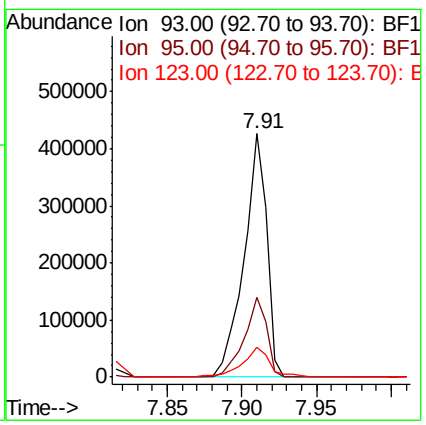
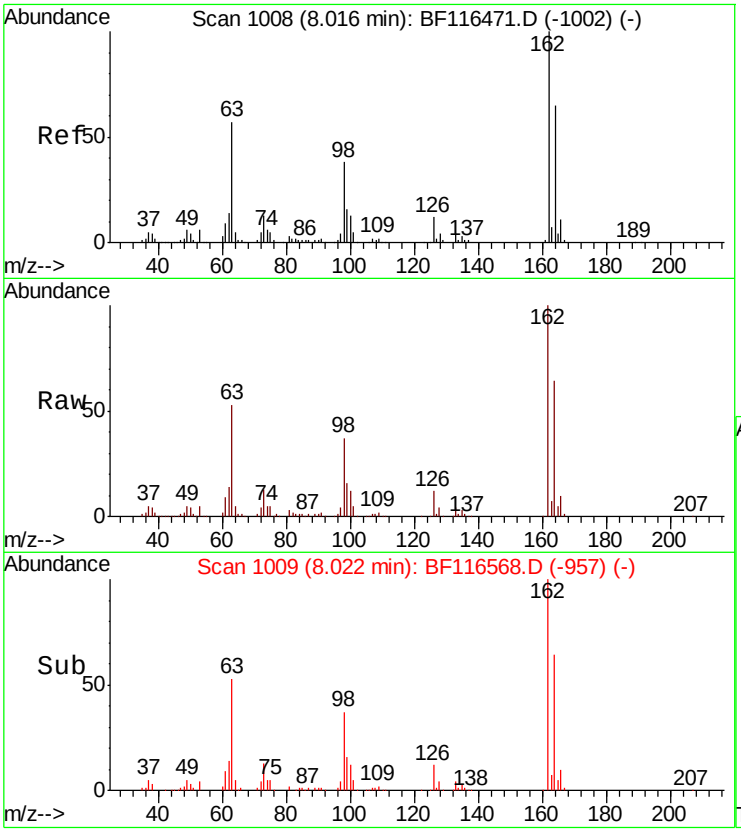


#28
bis(2-Chloroethoxy)methane
Concen: 35.709 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 93 Resp: 448238

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	12.0	9.8	14.6

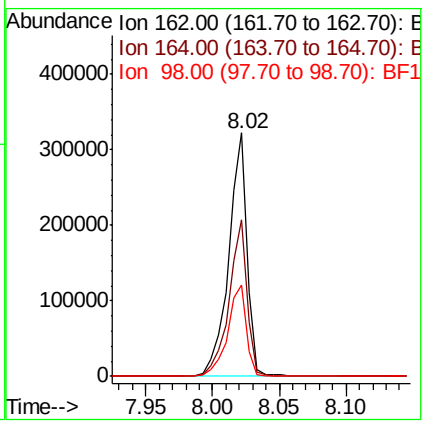




#29
2,4-Dichlorophenol
Concen: 40.542 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:162 Resp: 313880

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.9	84.9
98	37.5	17.9	57.9



Instrument :
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ClientSampleId :
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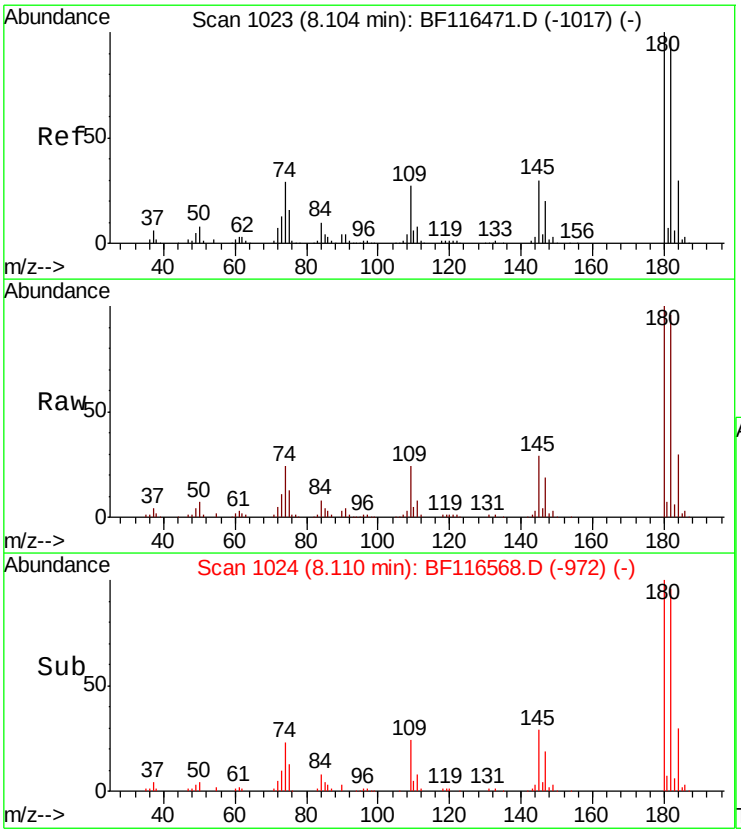
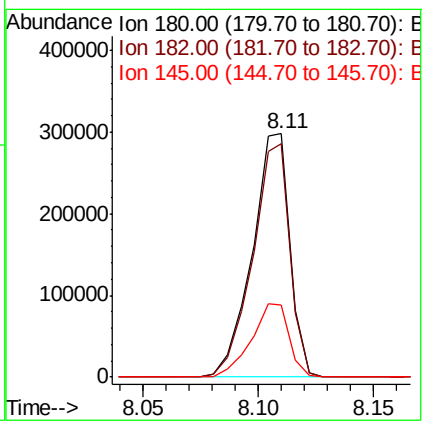
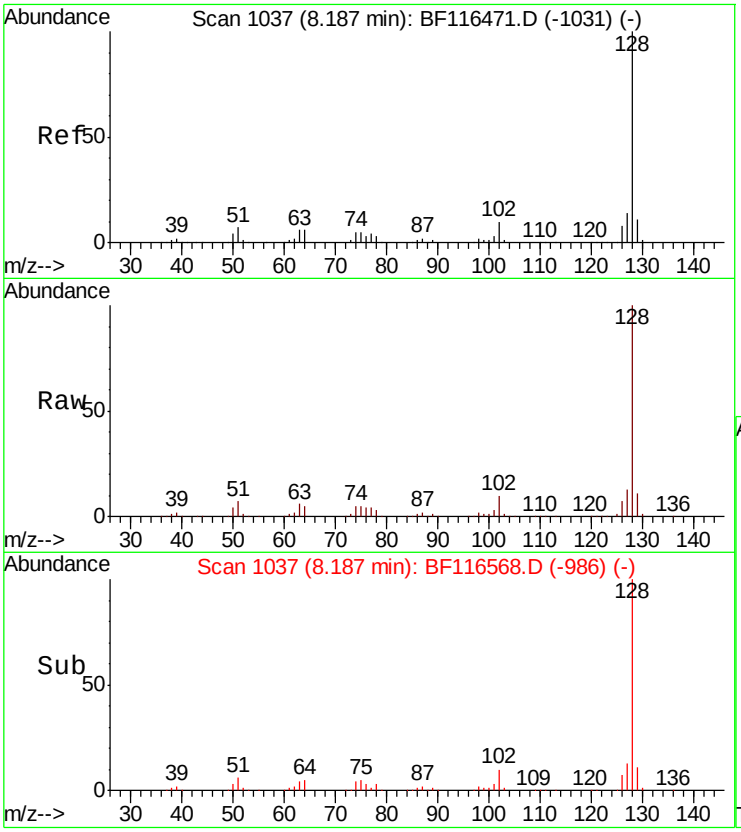


#30
1,2,4-Trichlorobenzene
Concen: 38.888 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:180 Resp: 338936

Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.4	116.0
145	29.4	24.3	36.5

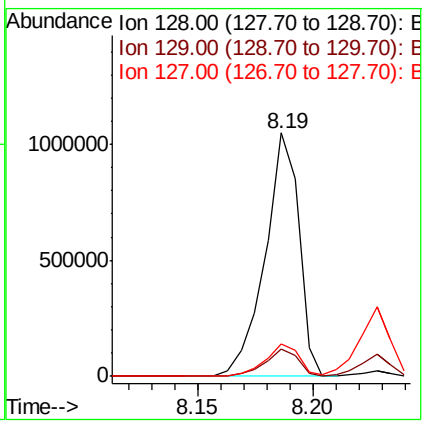




#31
Naphthalene
Concen: 39.138 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:128 Resp: 1068395

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.3	10.9	16.3



Instrument :
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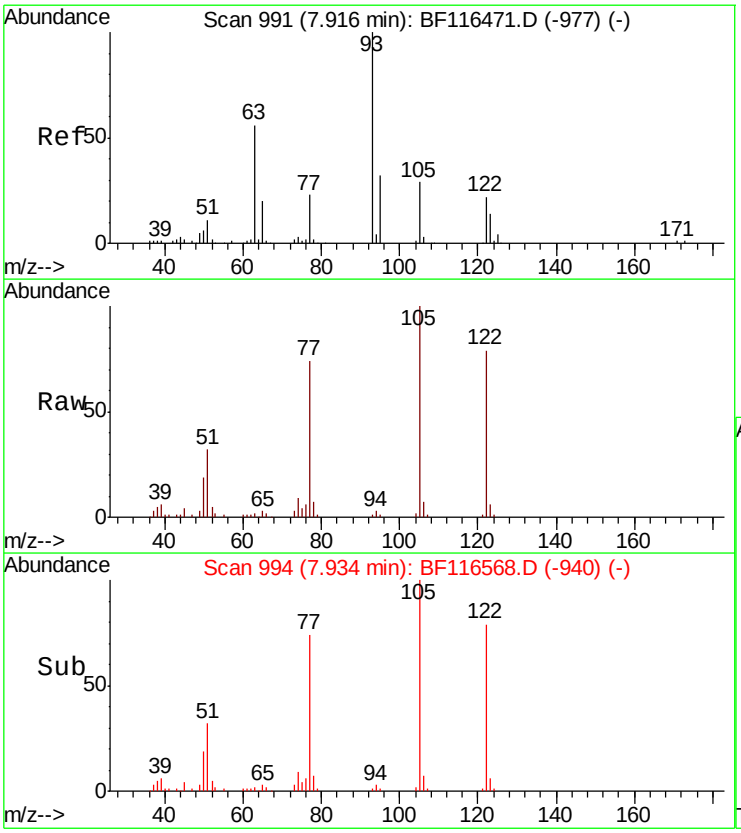
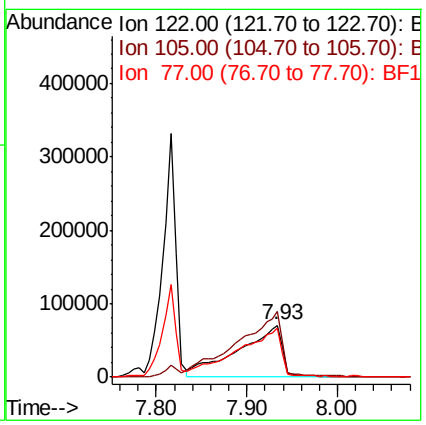
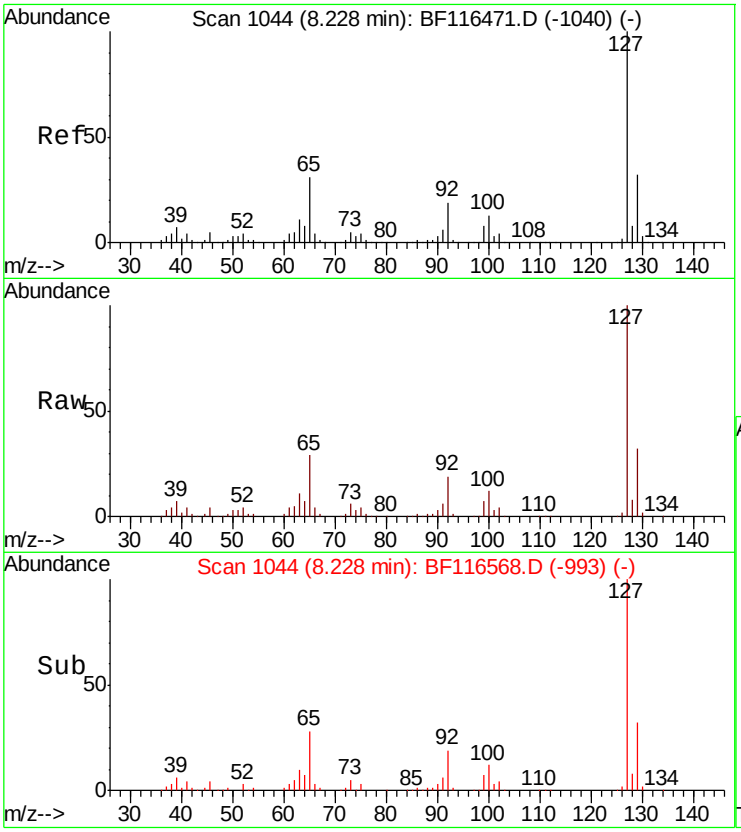


#32
Benzoic acid
Concen: 45.703 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.02 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:122 Resp: 237859

Ion	Ratio	Lower	Upper
122	100		
105	127.0	109.9	149.9
77	94.6	84.9	124.9

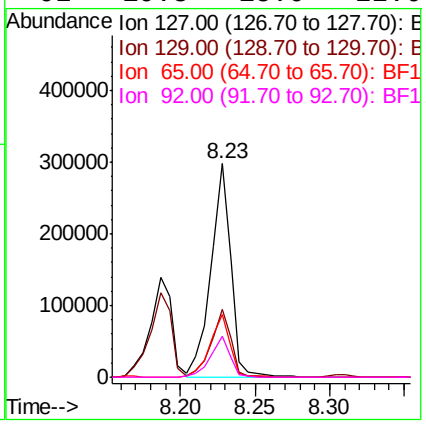




#33
4-Chloroaniline
Concen: 23.085 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:127 Resp: 276640

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	29.2	25.0	37.6
92	19.3	15.0	22.6



Instrument :
BNA_F
ClientSampleId :
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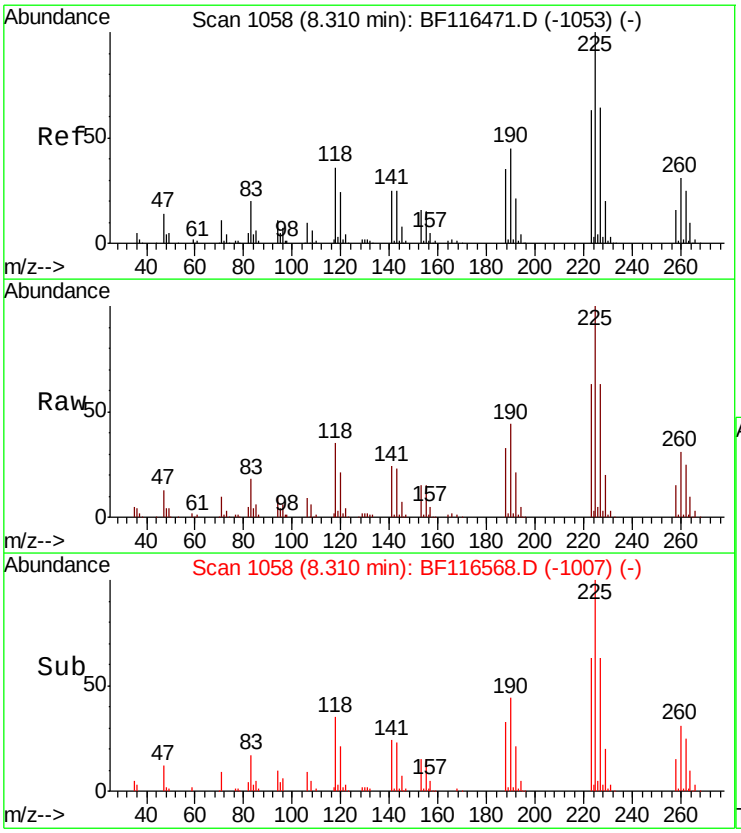
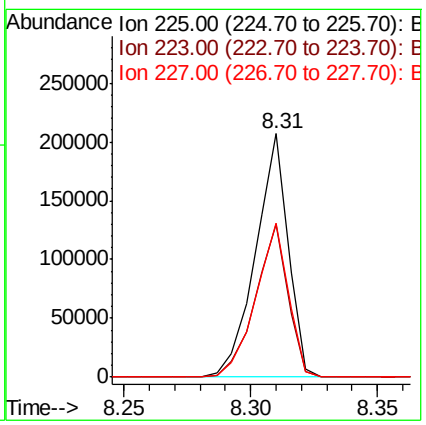
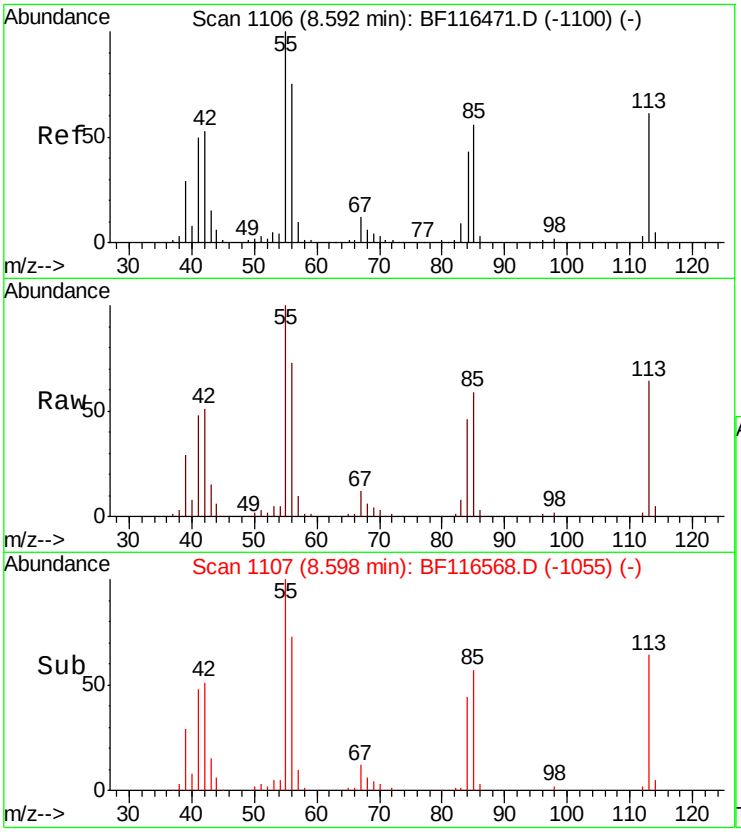


#34
Hexachlorobutadiene
Concen: 39.149 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:225 Resp: 186089

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	63.0	51.0	76.4

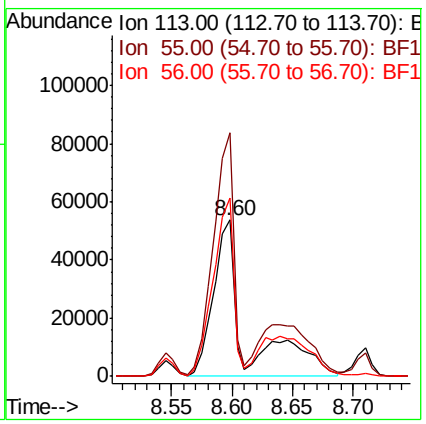




#35
Caprolactam
Concen: 36.072 ng m
RT: 8.60 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:113 Resp: 97277

Ion	Ratio	Lower	Upper
113	100		
55	156.0	143.6	183.6
56	114.3	102.3	142.3



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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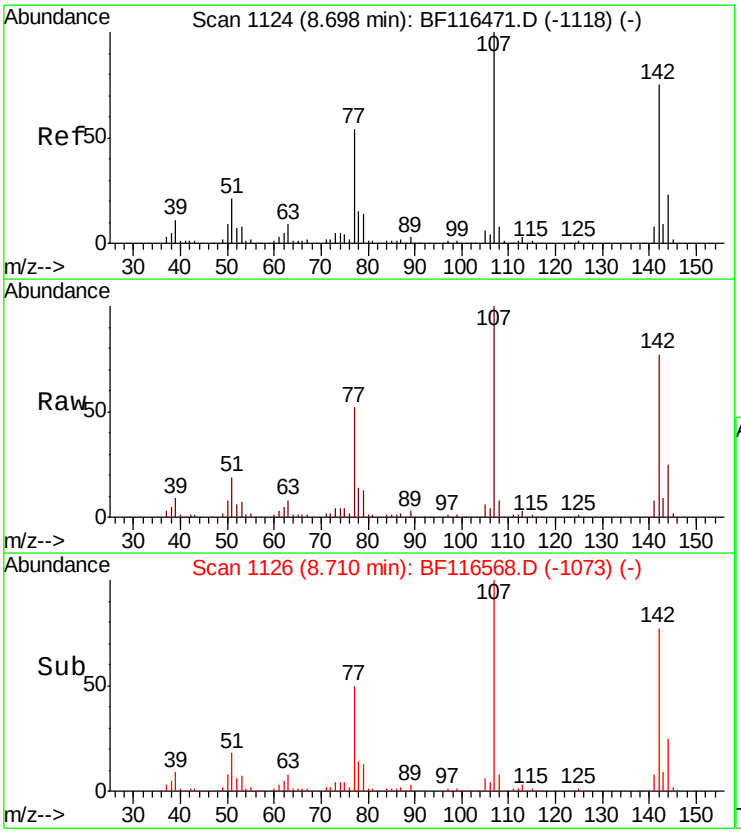
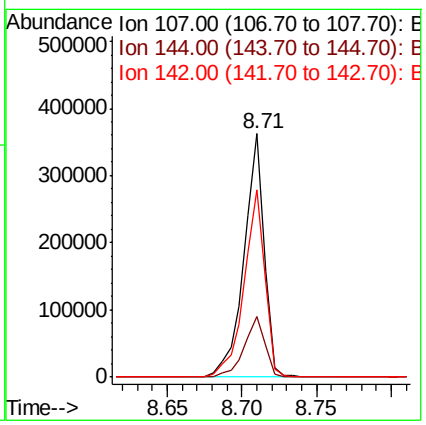
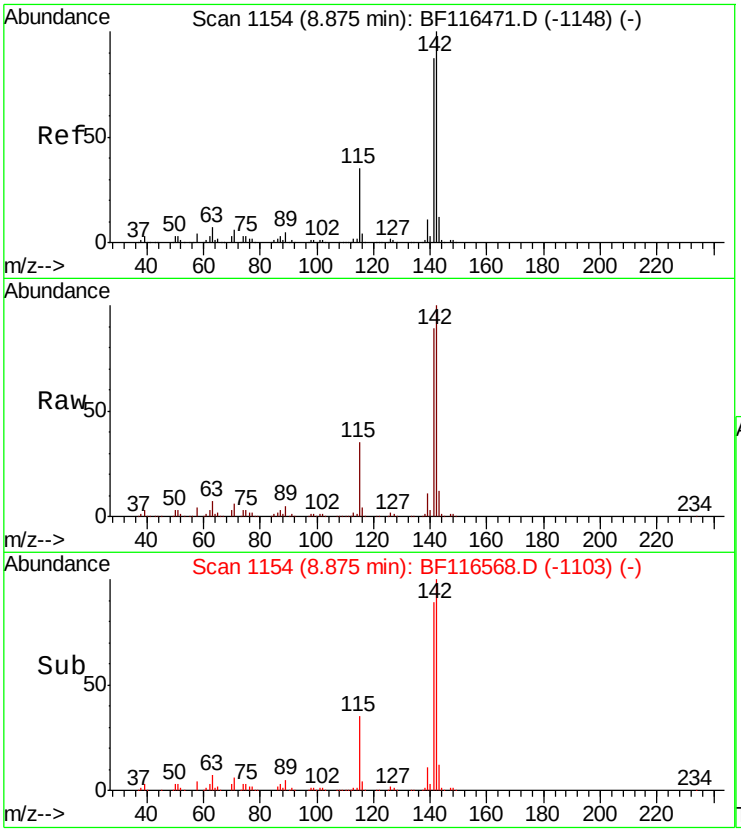


#36
4-Chloro-3-methylphenol
Concen: 38.950 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:107 Resp: 340248

Ion	Ratio	Lower	Upper
107	100		
144	25.1	18.8	28.2
142	77.0	59.8	89.6

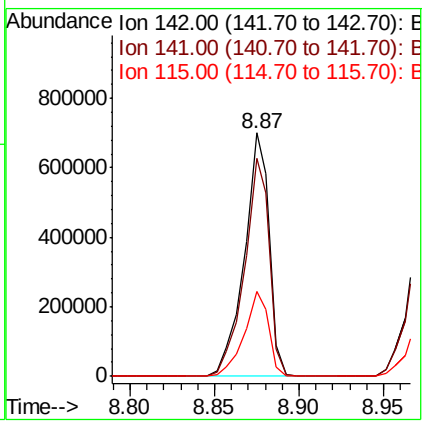




#37
2-Methylnaphthalene
Concen: 38.459 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:142 Resp: 720849

Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.8	104.6
115	35.0	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
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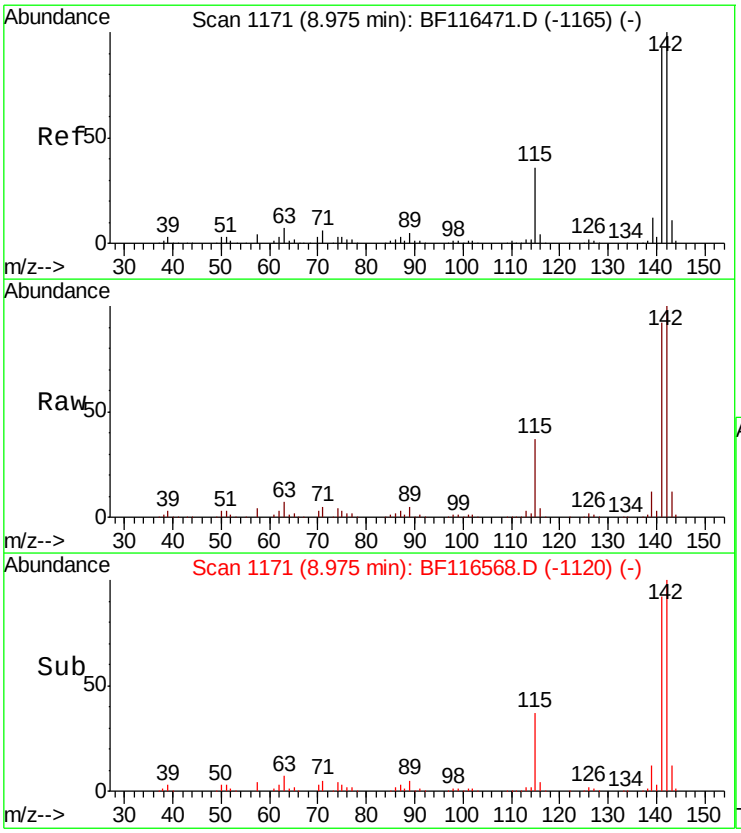
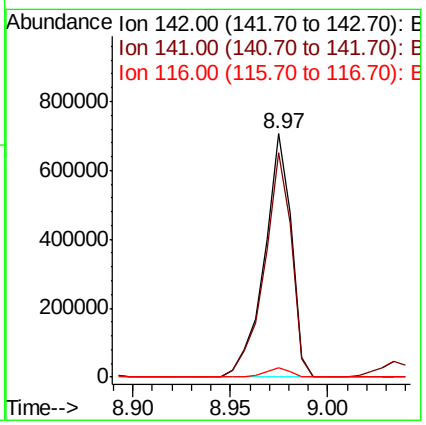
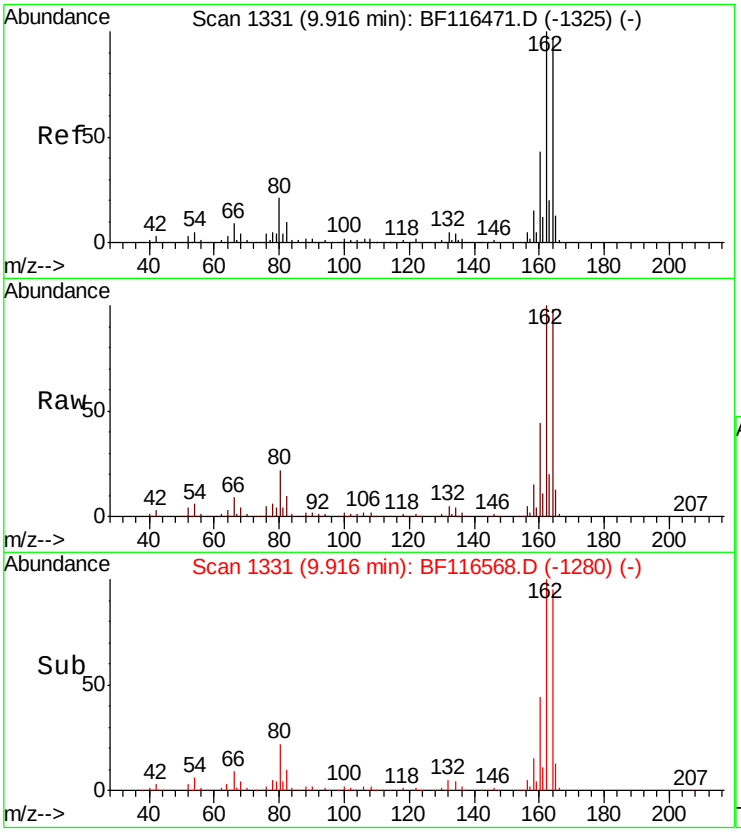


#38
1-Methylnaphthalene
Concen: 38.555 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:142 Resp: 675038

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.2
116	4.0	2.9	4.3

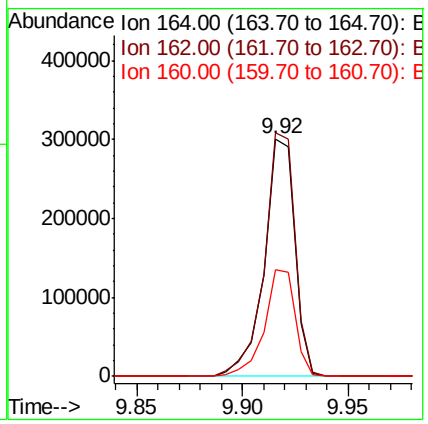




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:164 Resp: 303823

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	45.0	35.8	53.8



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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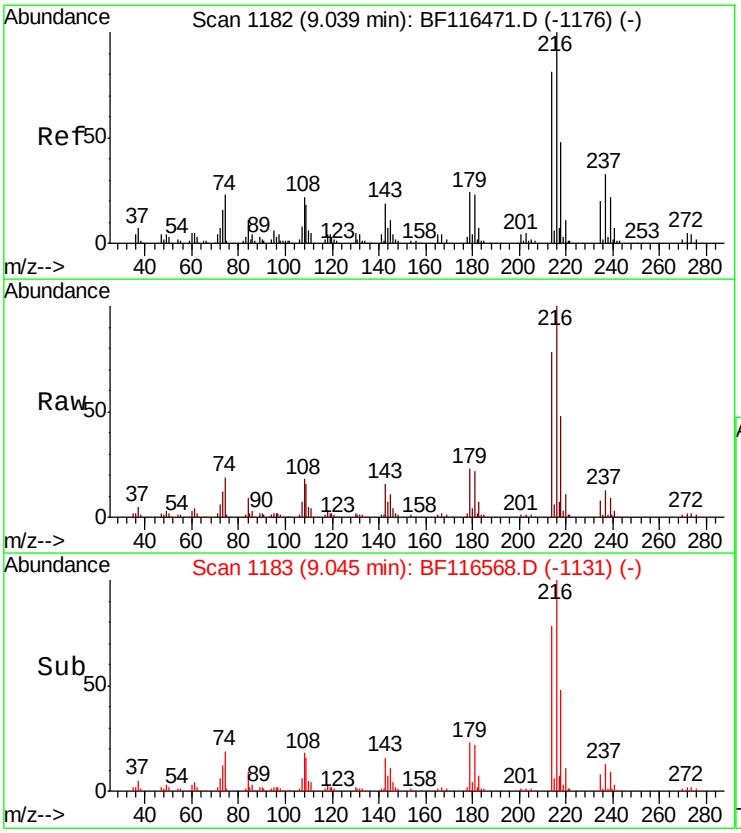
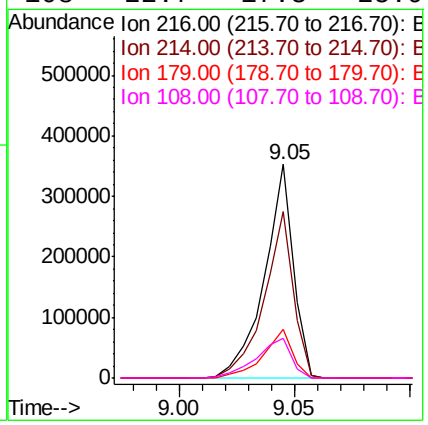
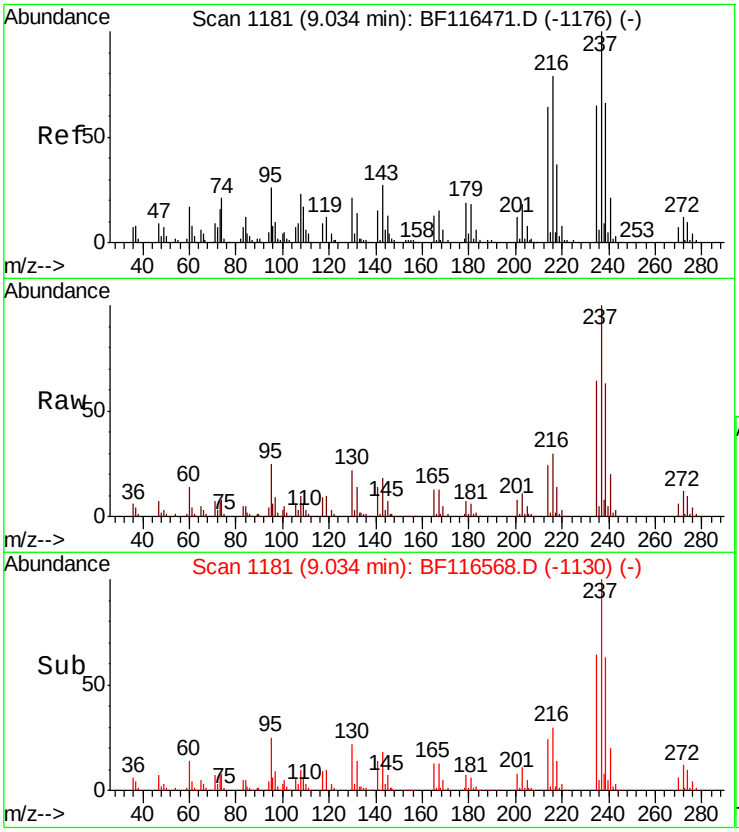


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.908 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:216 Resp: 309871

Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.8	95.8
179	23.0	18.5	27.7
108	22.7	17.3	25.9

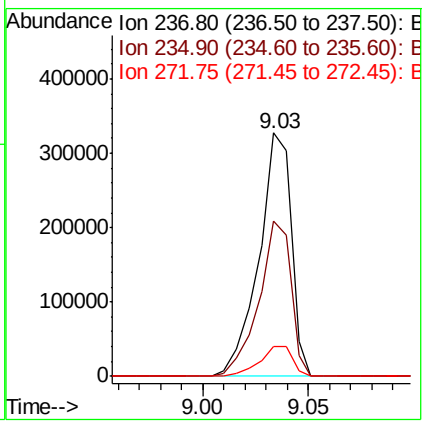




#41
Hexachlorocyclopentadiene
Concen: 79.573 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:237 Resp: 349959

Ion	Ratio	Lower	Upper
237	100		
235	63.7	44.8	84.8
272	12.3	0.0	32.5



Instrument :
BNA_F
ClientSampleId :
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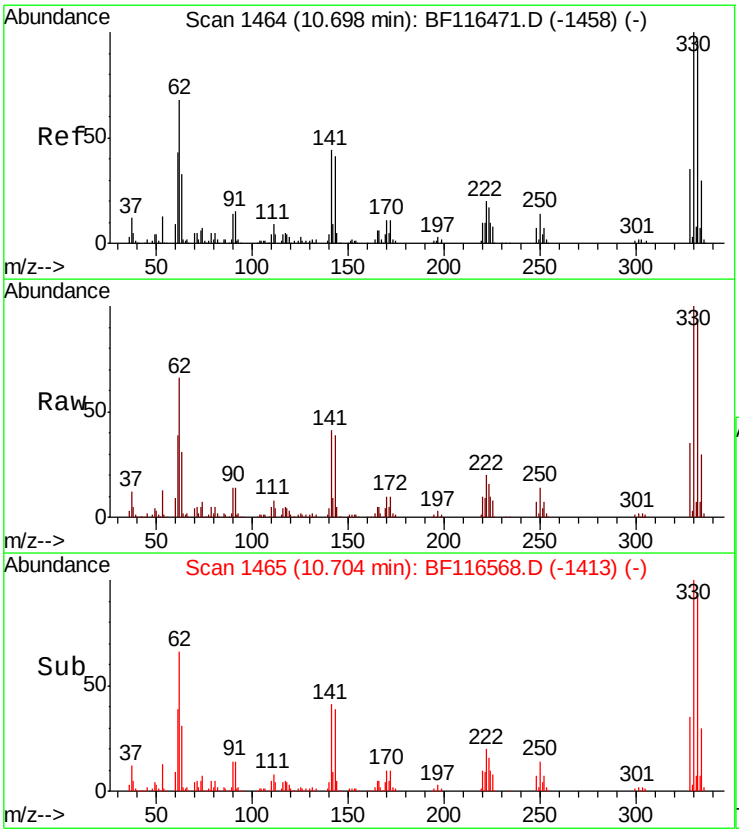
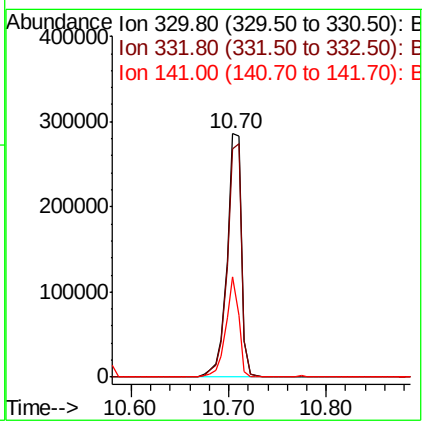
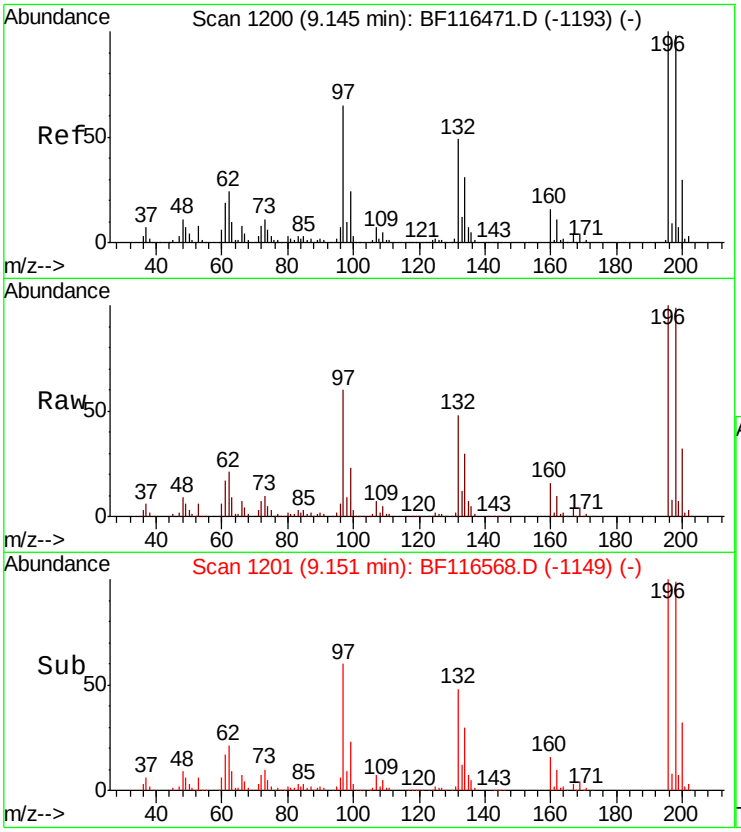


#42
2,4,6-Tribromophenol
Concen: 112.027 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:330 Resp: 292261

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.2	115.8
141	37.2	33.3	49.9

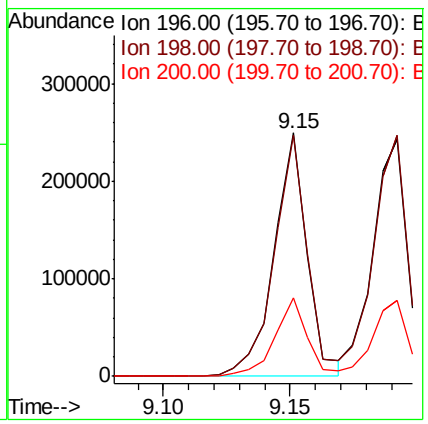




#43
2,4,6-Trichlorophenol
Concen: 40.086 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:196 Resp: 229329

Ion	Ratio	Lower	Upper
196	100		
198	98.9	78.0	117.0
200	32.2	24.2	36.2



Instrument :
BNA_F
ClientSampleId :
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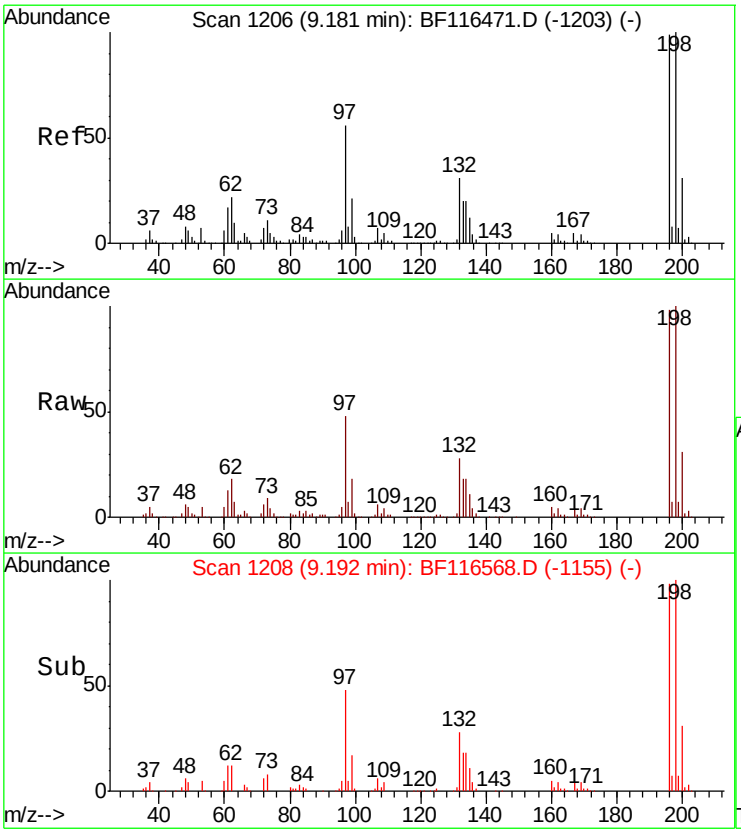
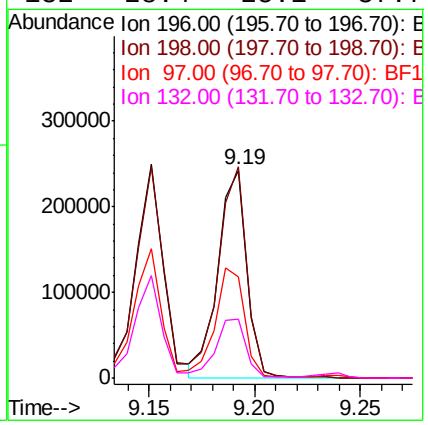
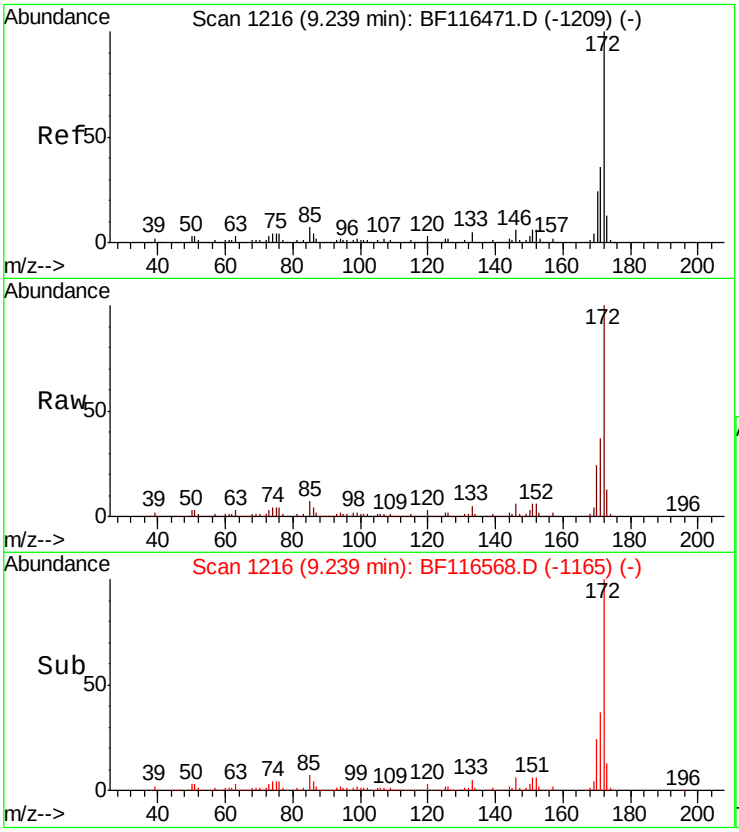


#44
2,4,5-Trichlorophenol
Concen: 39.513 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:196 Resp: 230004

Ion	Ratio	Lower	Upper
196	100		
198	101.9	80.8	121.2
97	49.0	45.7	68.5
132	28.4	25.1	37.7

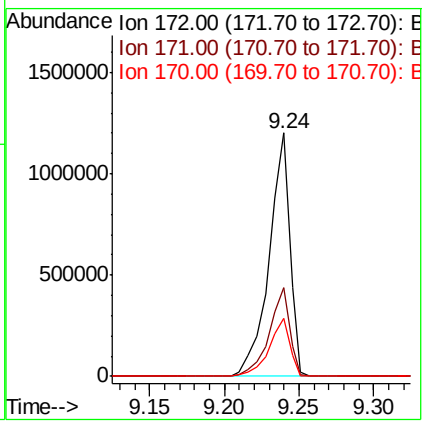




#45
2-Fluorobiphenyl
Concen: 61.248 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:172 Resp: 1155516

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.0	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
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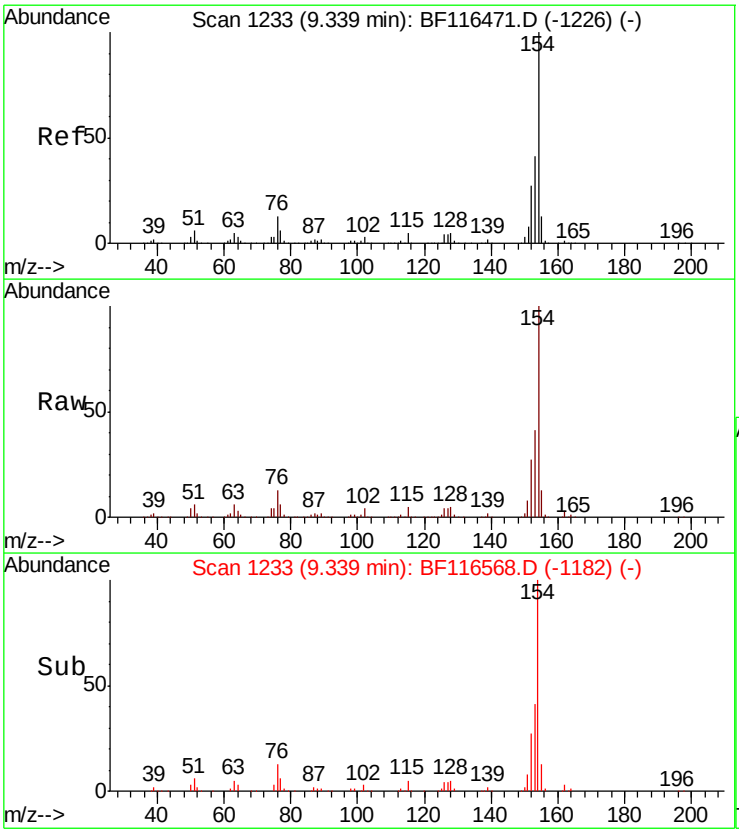
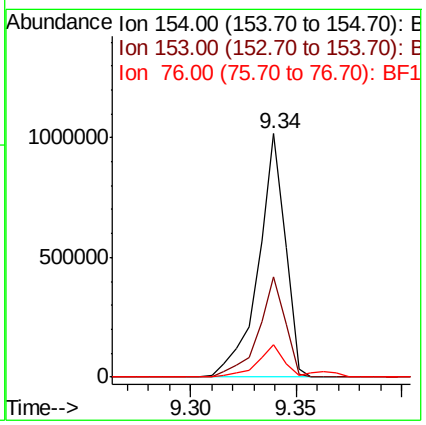
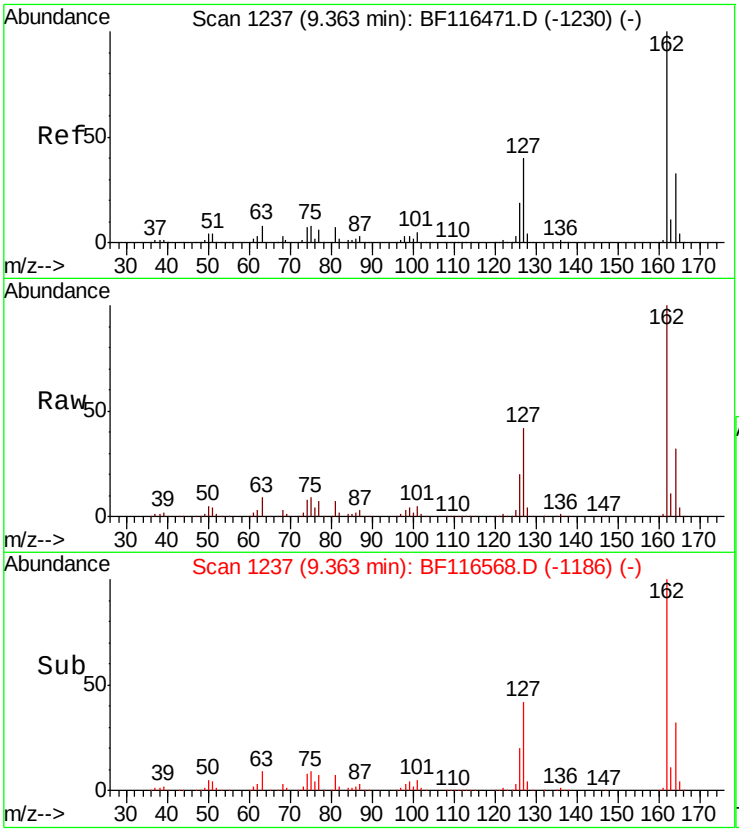


#46
1,1'-Biphenyl
Concen: 37.069 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:154 Resp: 900454

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	13.5	0.0	32.9

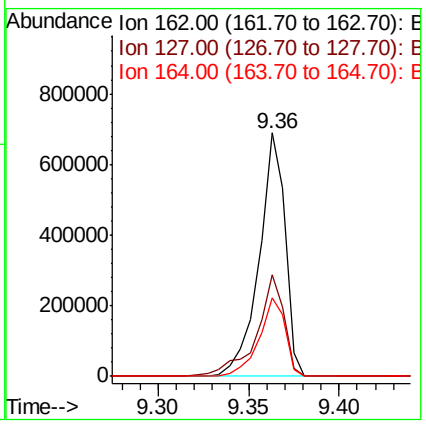




#47
2-Chloronaphthalene
Concen: 36.476 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:162 Resp: 686916

Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.5	48.7
164	32.2	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
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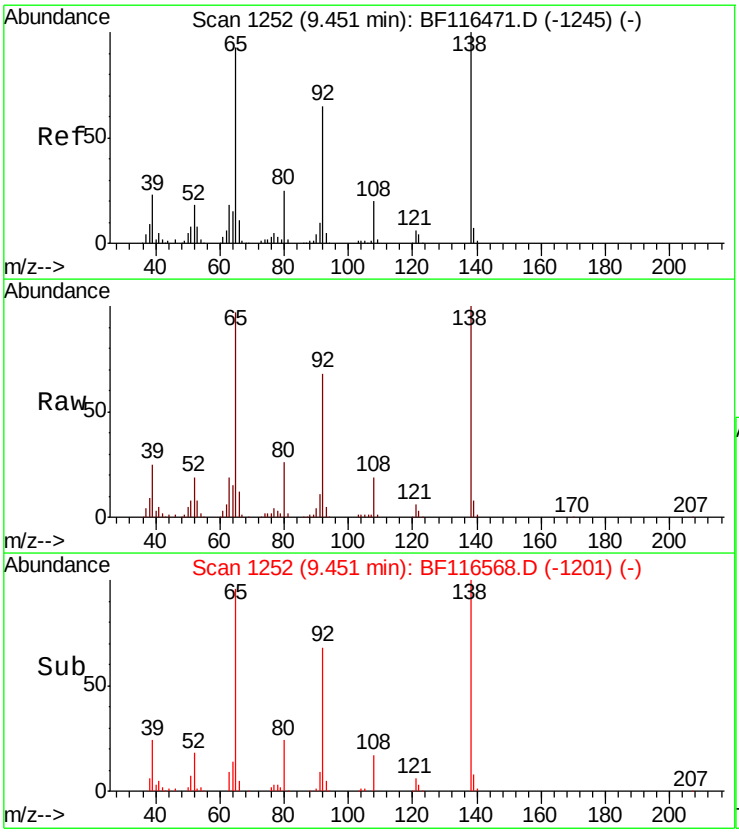
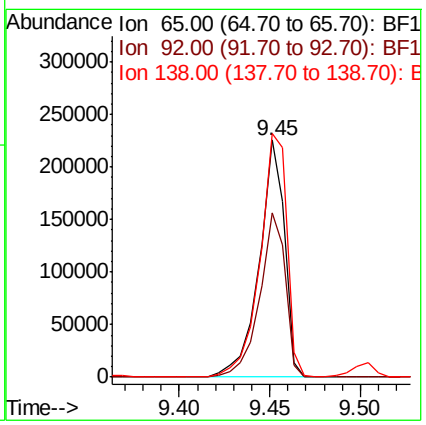
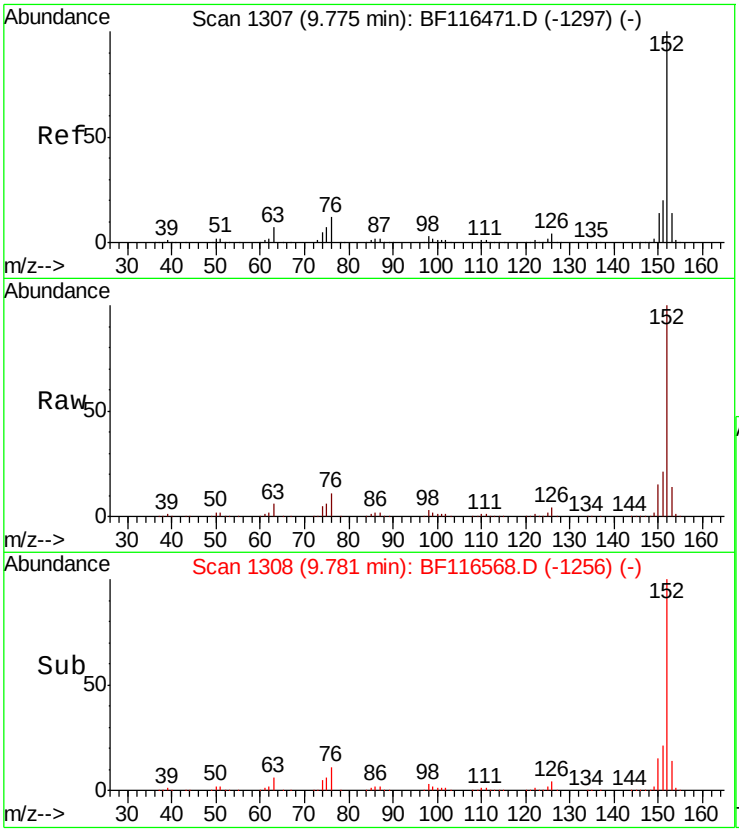


#48
2-Nitroaniline
Concen: 38.015 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 65 Resp: 219193

Ion	Ratio	Lower	Upper
65	100		
92	69.7	56.2	84.2
138	102.9	86.0	129.0

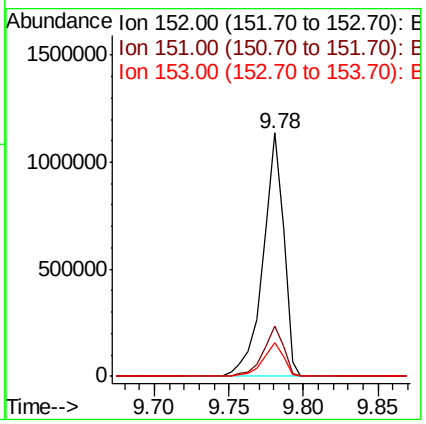




#49
Acenaphthylene
Concen: 38.904 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:152 Resp: 1071878

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	14.0	11.4	17.0



Instrument :
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ClientSampleId :
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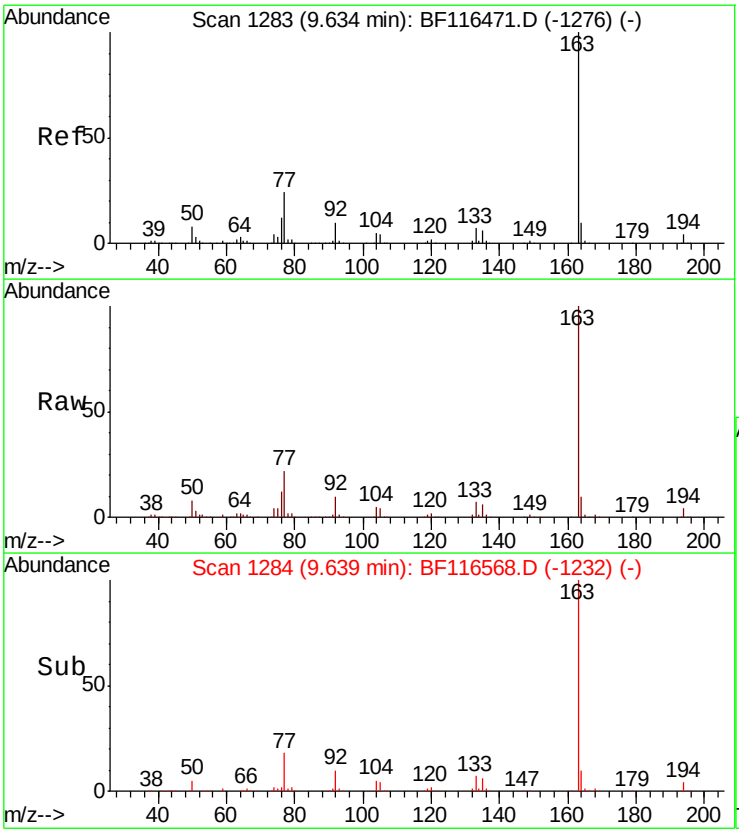
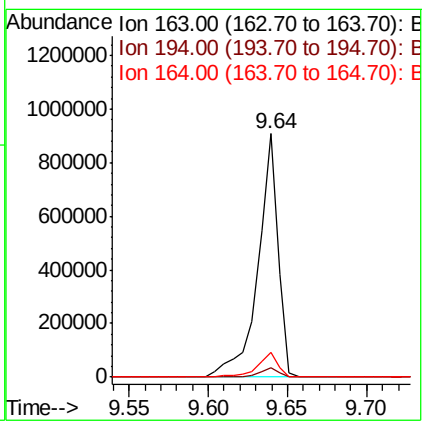
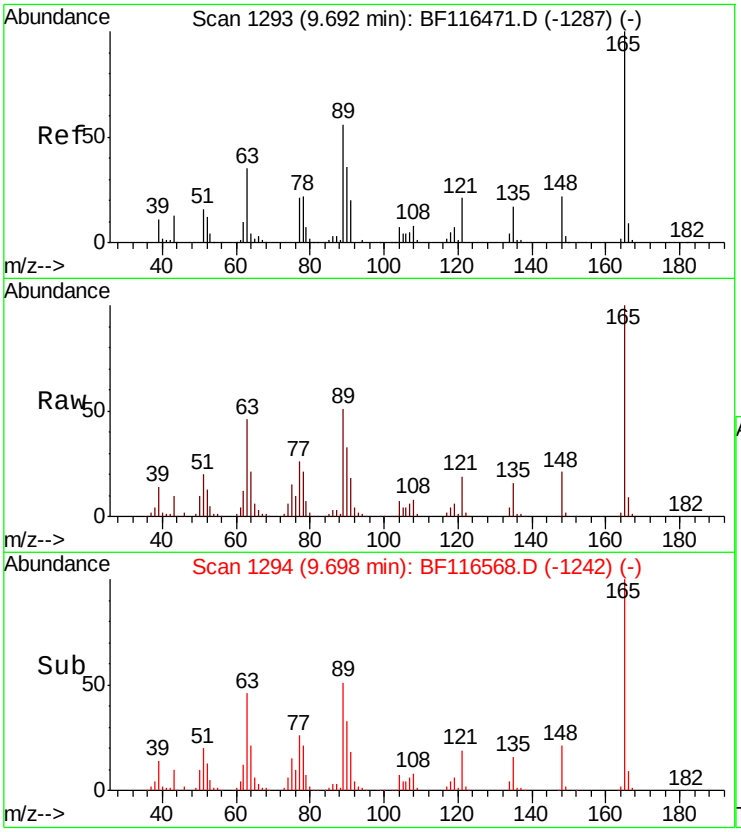


#50
Dimethylphthalate
Concen: 38.075 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:163 Resp: 807111

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.0	8.2	12.2

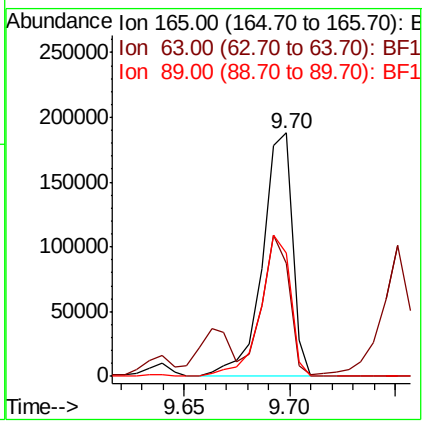




#51
2,6-Dinitrotoluene
Concen: 42.850 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:165 Resp: 185922

Ion	Ratio	Lower	Upper
165	100		
63	46.5	43.7	65.5
89	50.6	45.1	67.7



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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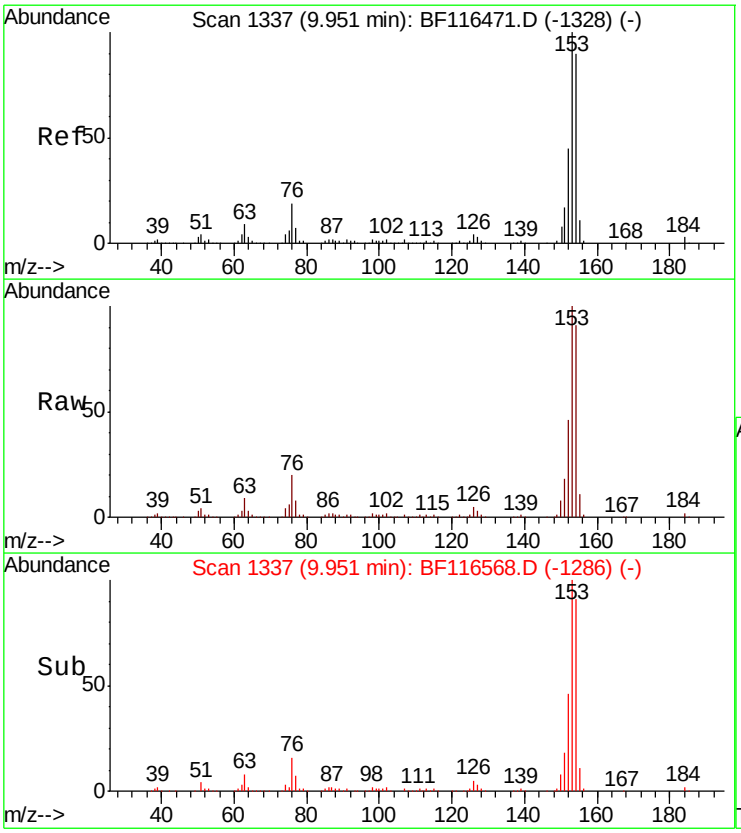
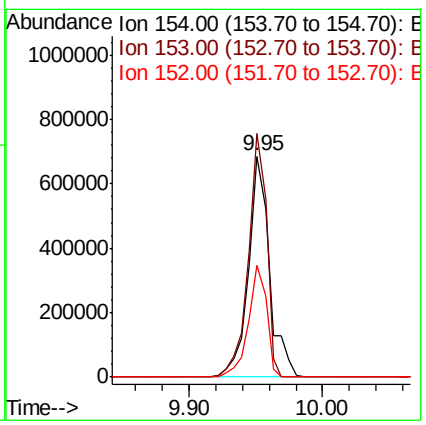
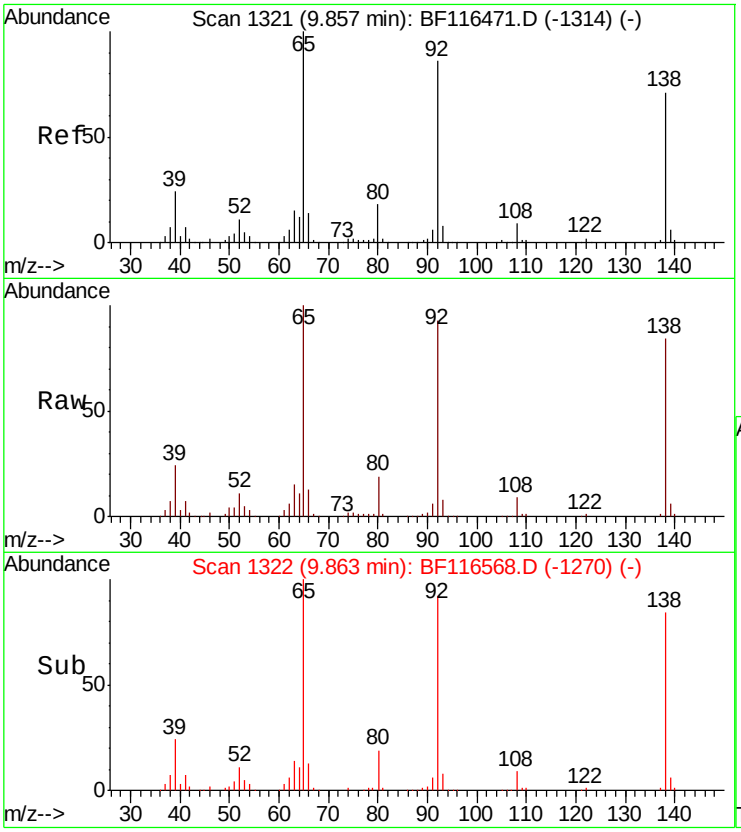


#52
Acenaphthene
Concen: 41.699 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:154 Resp: 737208

Ion	Ratio	Lower	Upper
154	100		
153	110.2	89.3	133.9
152	50.7	40.2	60.4

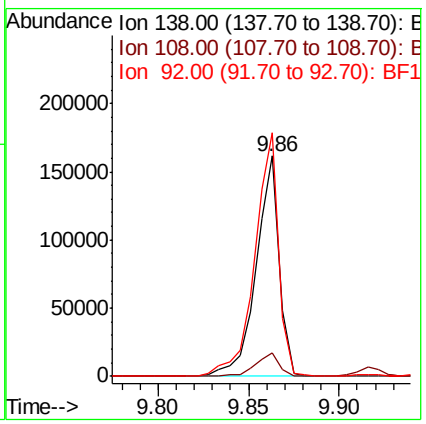




#53
3-Nitroaniline
Concen: 27.669 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:138 Resp: 143105

Ion	Ratio	Lower	Upper
138	100		
108	10.5	10.0	15.0
92	110.6	97.7	146.5



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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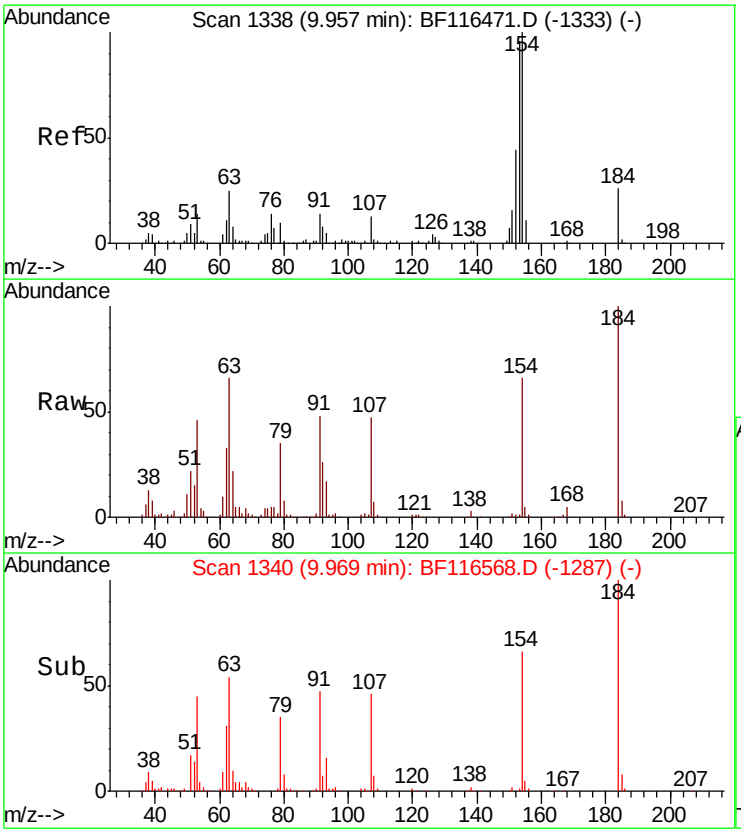
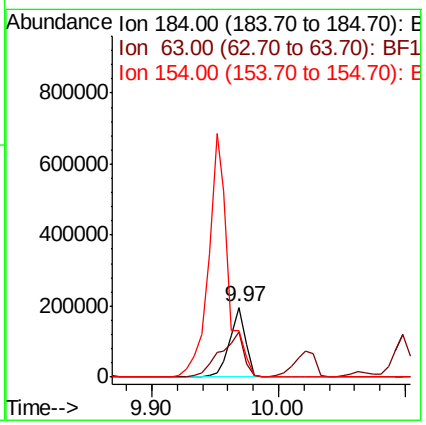
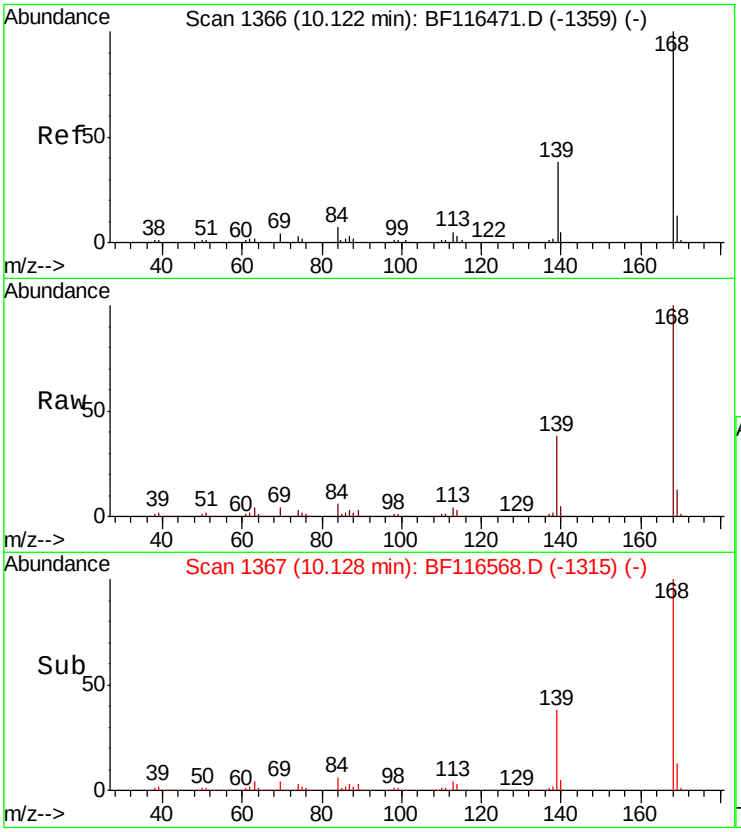


#54
2,4-Dinitrophenol
Concen: 98.120 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:184 Resp: 170317

Ion	Ratio	Lower	Upper
184	100		
63	65.7	78.2	117.4#
154	65.9	320.4	480.6#

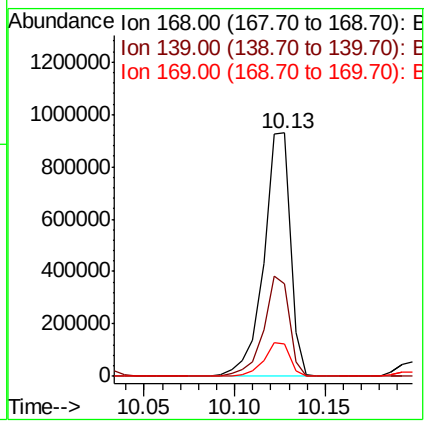




#55
Dibenzofuran
Concen: 38.535 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:168 Resp: 949669

Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.7	46.1
169	13.3	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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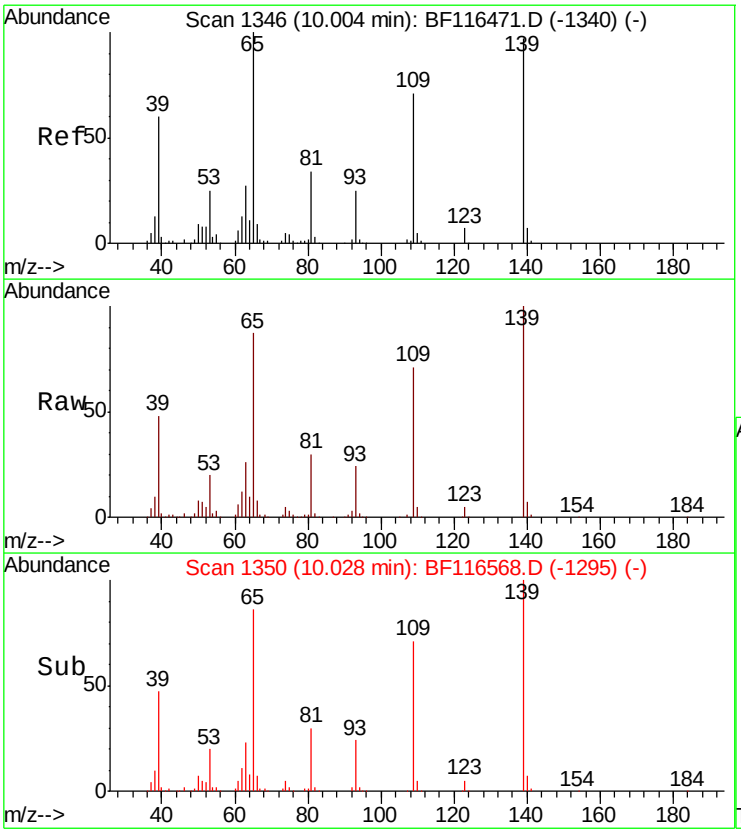
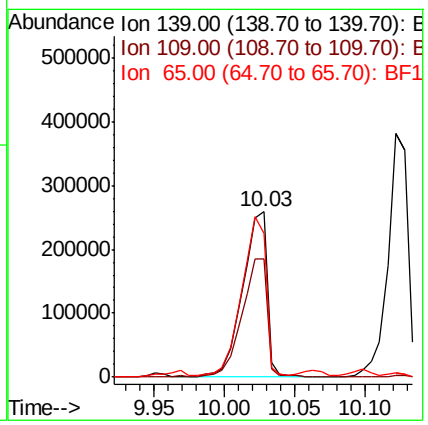
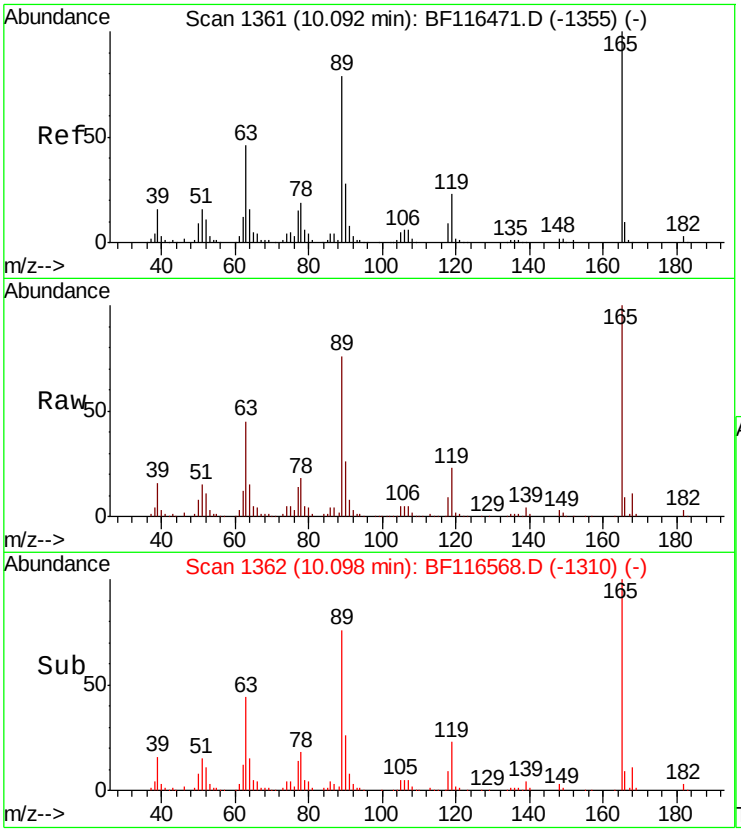


#56
4-Nitrophenol
Concen: 78.139 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:139 Resp: 314113

Ion	Ratio	Lower	Upper
139	100		
109	71.3	53.4	93.4
65	86.6	83.0	123.0

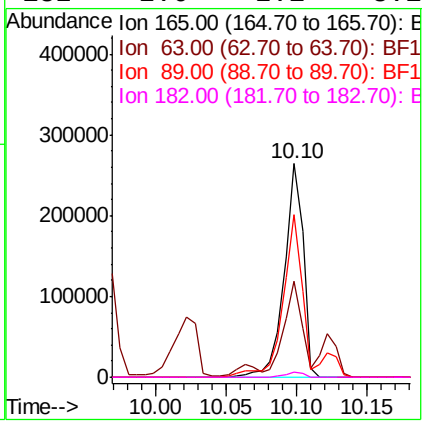




#57
2,4-Dinitrotoluene
Concen: 44.729 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:165 Resp: 246950

Ion	Ratio	Lower	Upper
165	100		
63	45.0	36.9	55.3
89	75.9	63.4	95.0
182	2.6	2.1	3.1



Instrument :
BNA_F
ClientSampleId :
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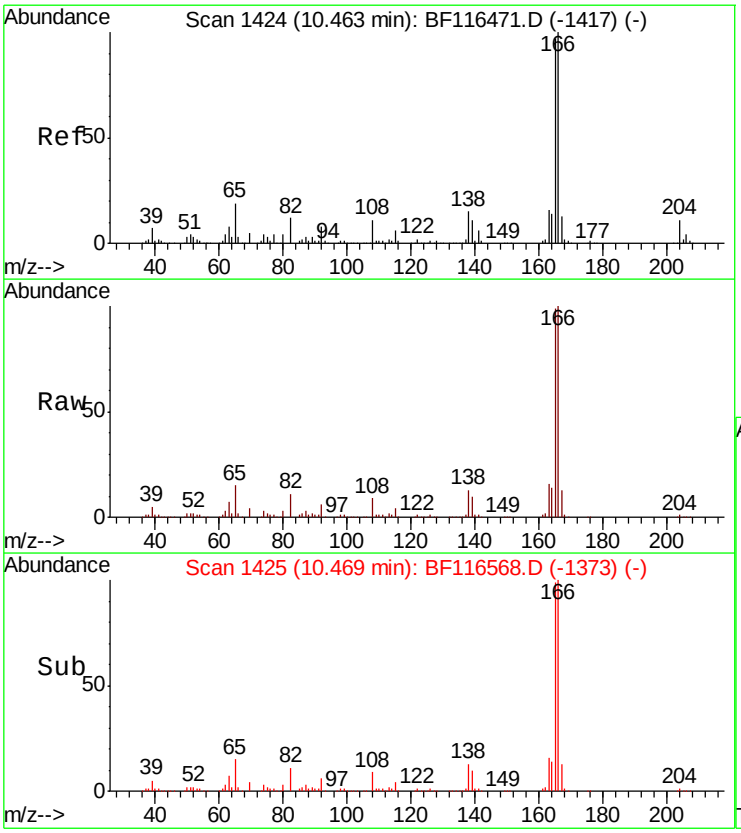
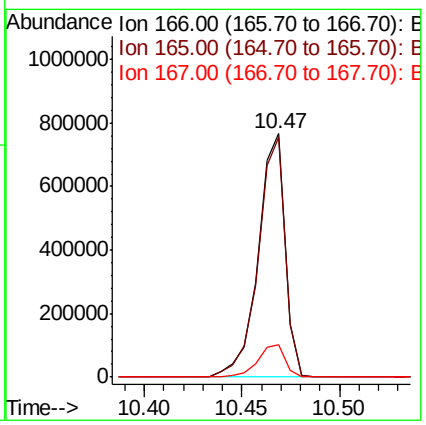
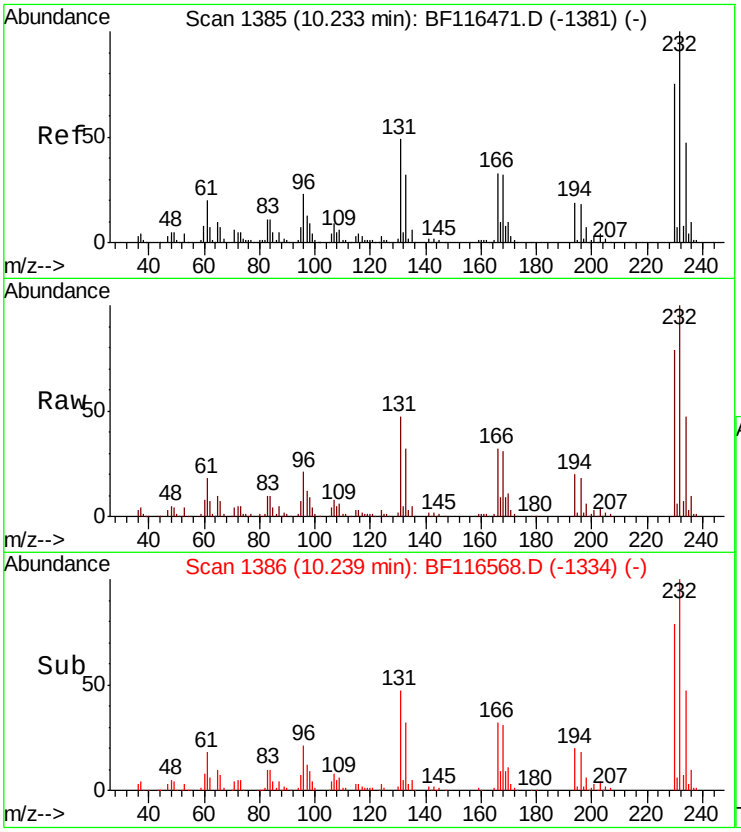


#58
Fluorene
Concen: 38.298 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:166 Resp: 733298

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.4	116.0
167	13.2	10.8	16.2

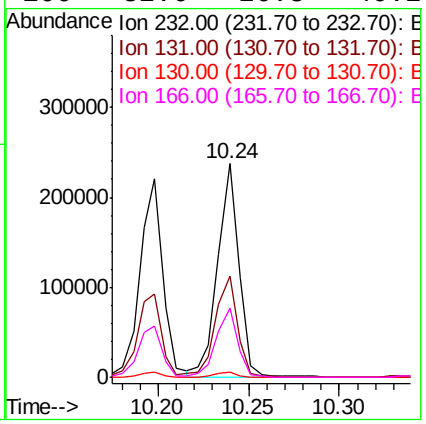




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.777 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:232 Resp: 194901

Ion	Ratio	Lower	Upper
232	100		
131	49.6	40.8	61.2
130	2.5	1.8	2.8
166	32.6	26.8	40.2



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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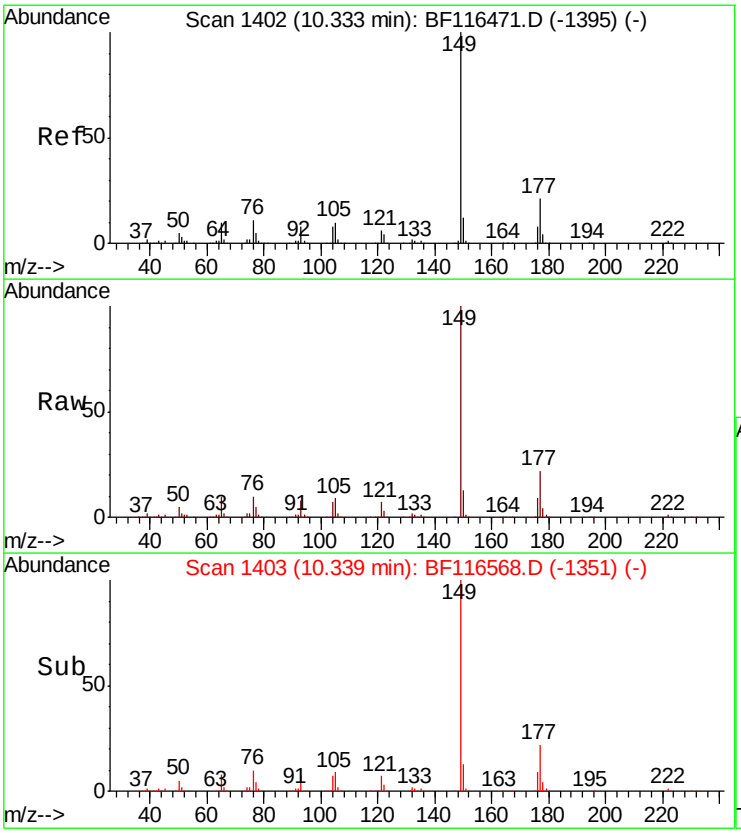
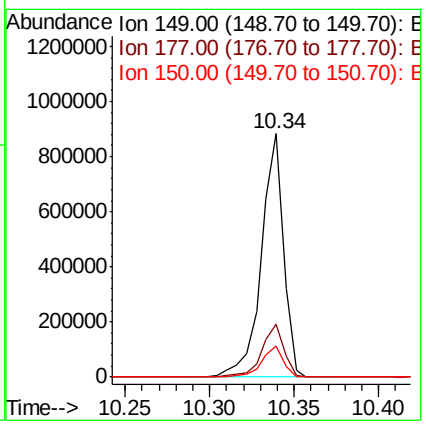
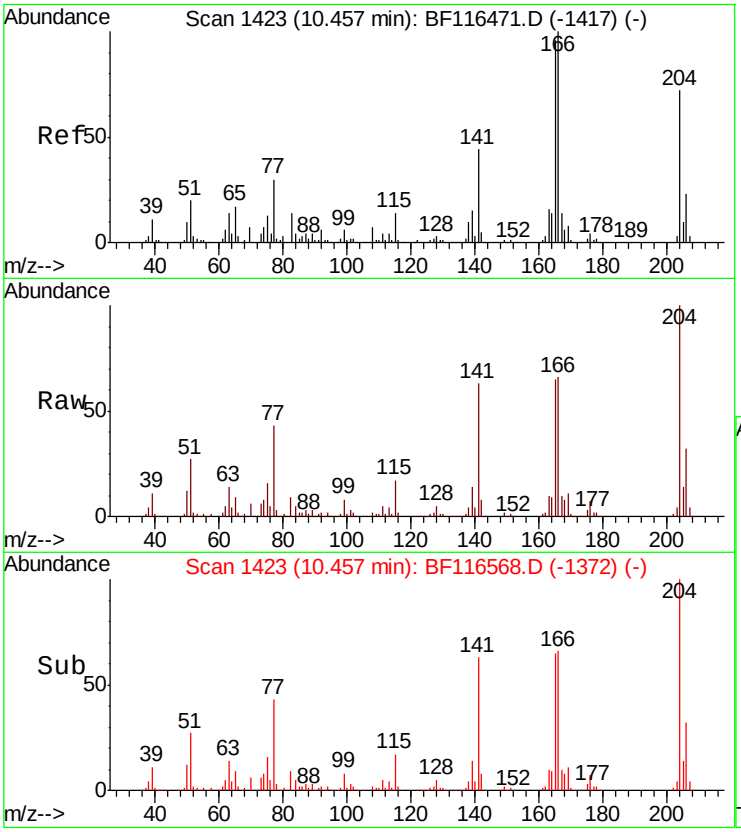


#60
Diethylphthalate
Concen: 38.507 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:149 Resp: 802288

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.1	25.7
150	12.6	9.8	14.6

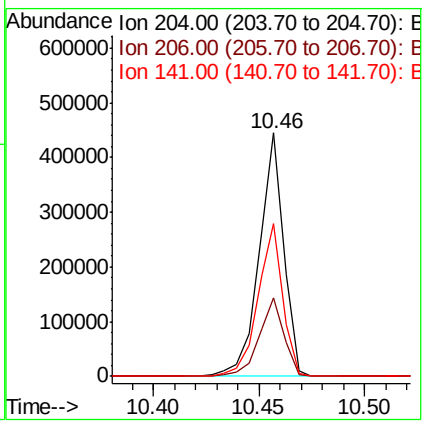




#61
4-Chlorophenyl-phenylether
Concen: 38.459 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:204 Resp: 359240

Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.9	38.9
141	62.9	48.6	73.0



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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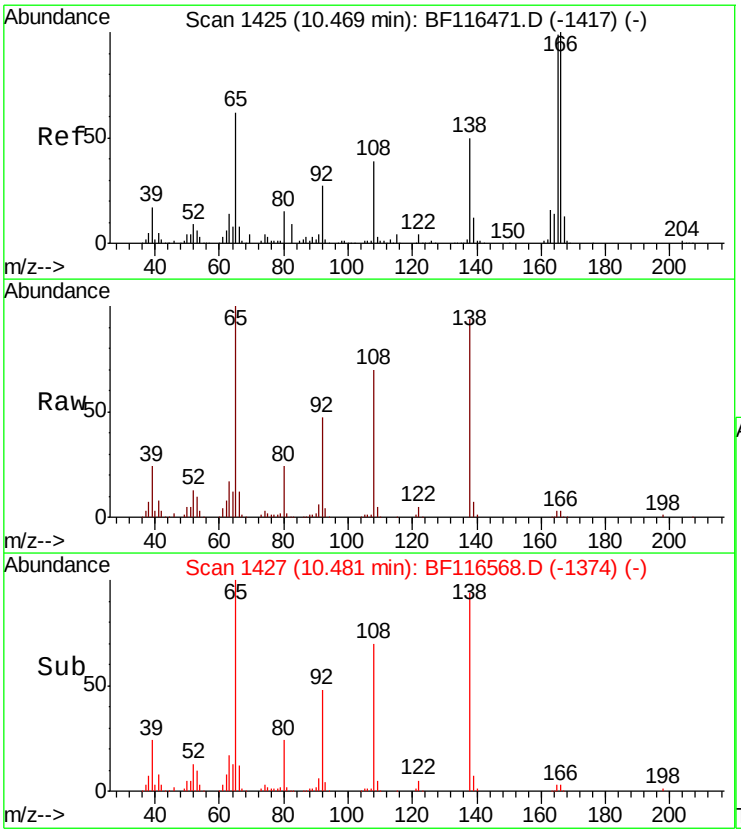
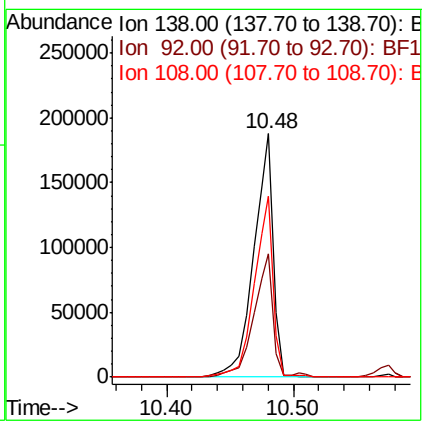
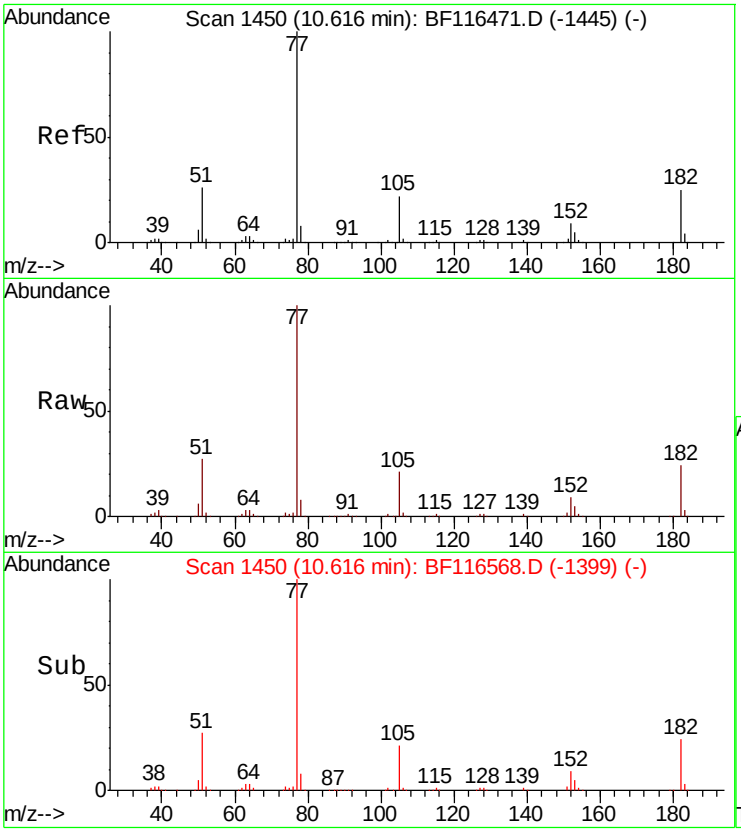


#62
4-Nitroaniline
Concen: 40.110 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:138 Resp: 202888

Ion	Ratio	Lower	Upper
138	100		
92	50.6	34.9	74.9
108	74.4	57.7	97.7

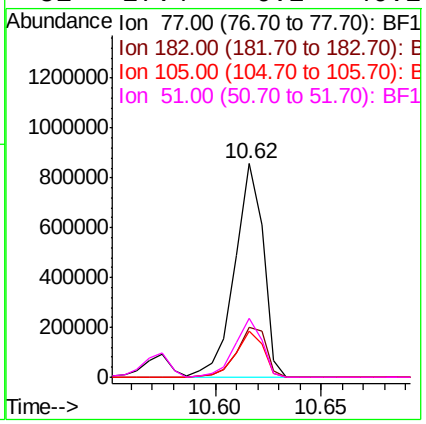




#63
Azobenzene
Concen: 37.302 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 77 Resp: 799081

Ion	Ratio	Lower	Upper
77	100		
182	23.6	5.4	45.4
105	21.5	1.6	41.6
51	27.4	6.2	46.2



Instrument :
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ClientSampleId :
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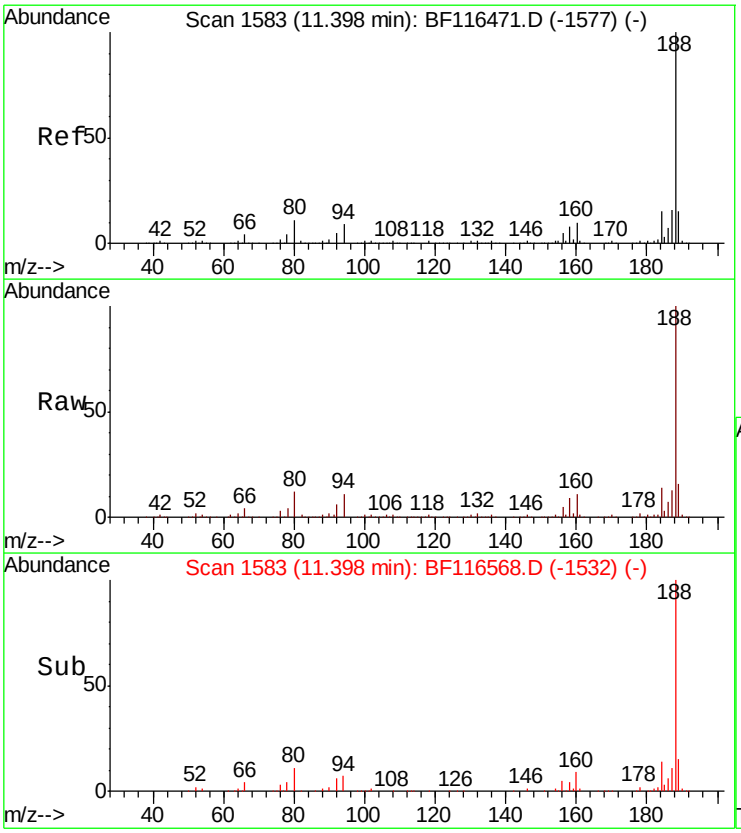
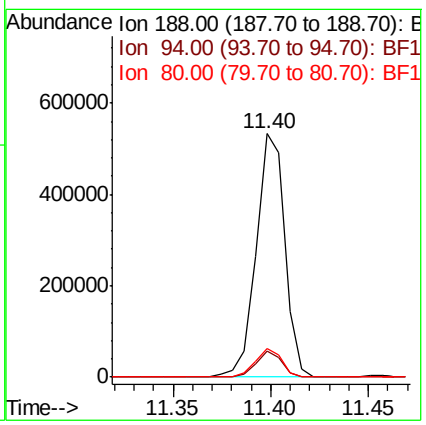
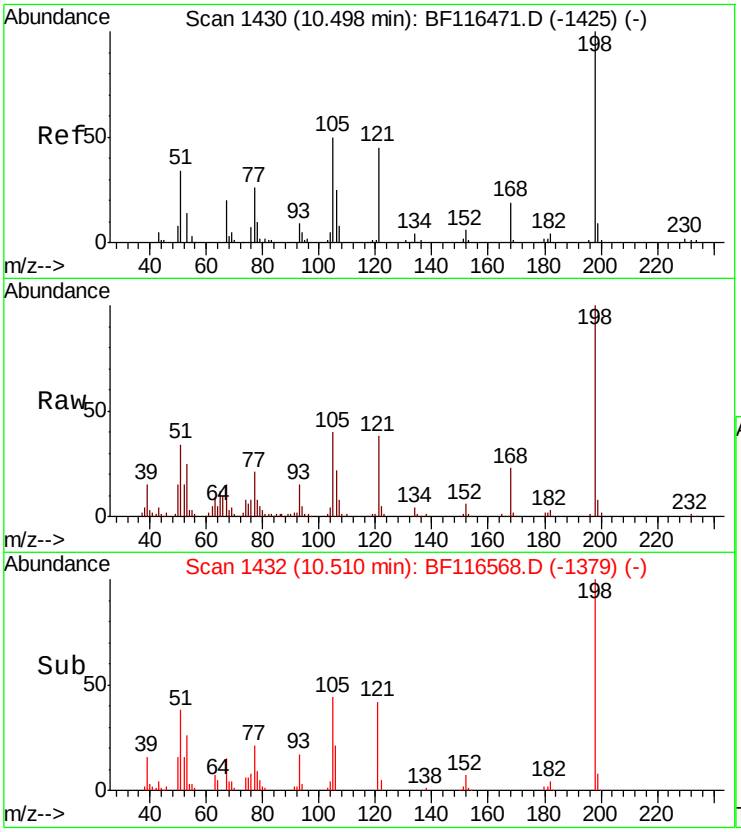


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:188 Resp: 541578

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.4	11.2
80	11.5	8.6	12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 53.428 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:198 Resp: 120709

Ion	Ratio	Lower	Upper
198	100		
51	34.1	30.4	70.4
105	39.9	32.8	72.8

Instrument :
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ClientSampleId :
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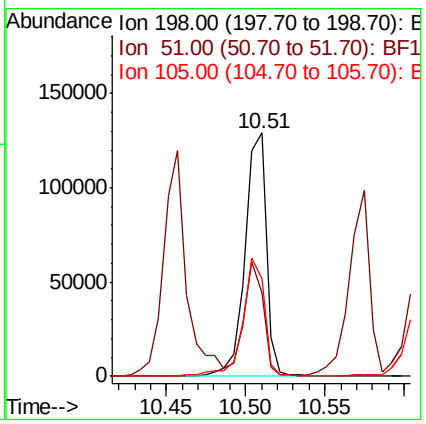
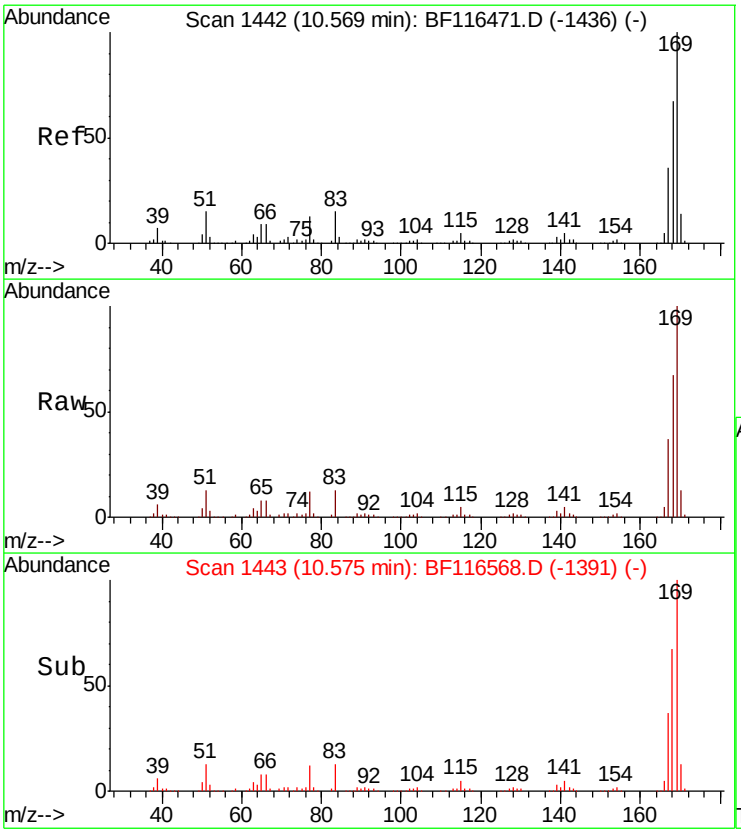
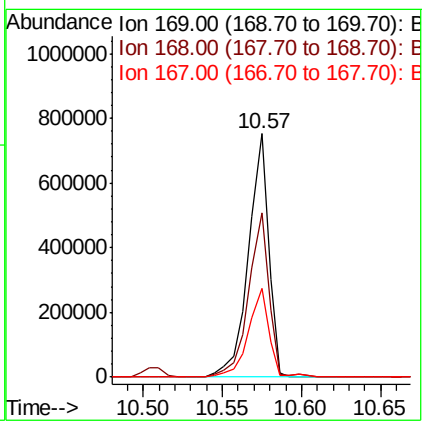


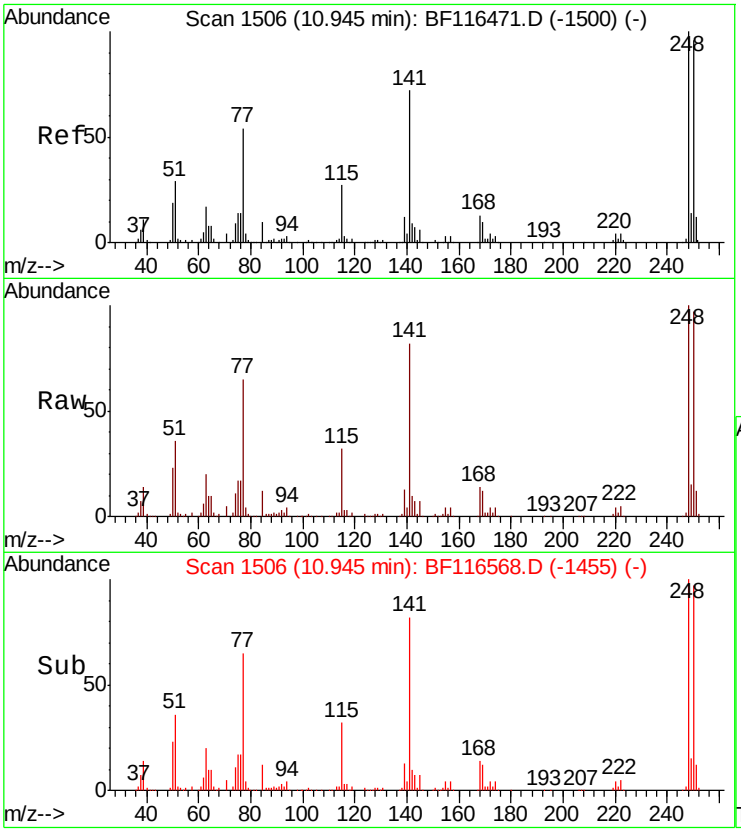


#66
n-Nitrosodiphenylamine
Concen: 37.991 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:169 Resp: 666214

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.6	80.4
167	36.7	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 38.783 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:248 Resp: 220201

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.0	115.6
141	82.0	57.4	86.0

Instrument :
BNA_F
ClientSampleId :
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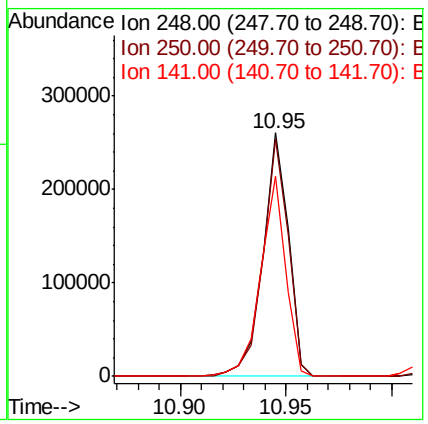
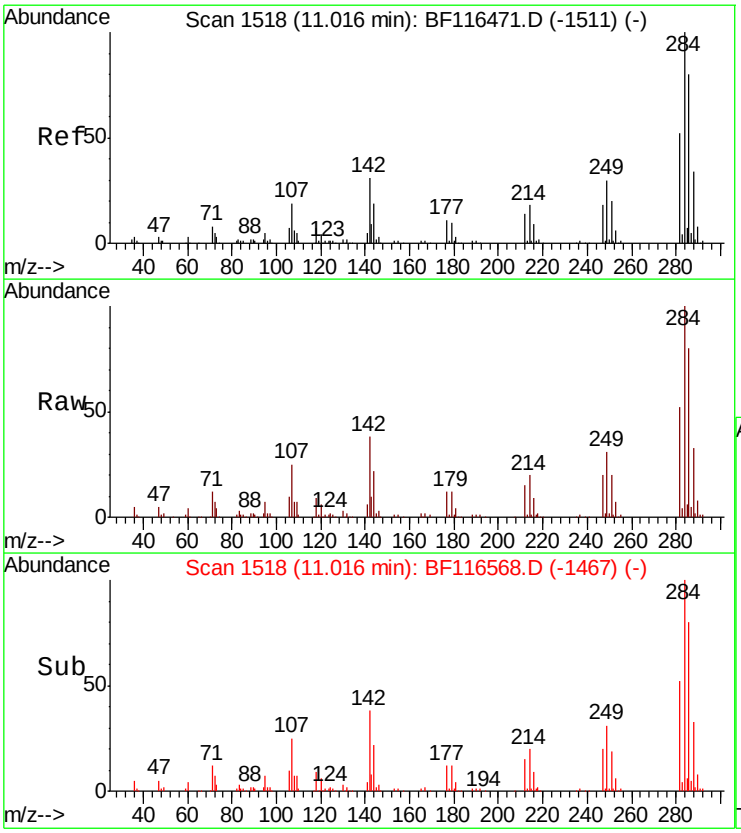
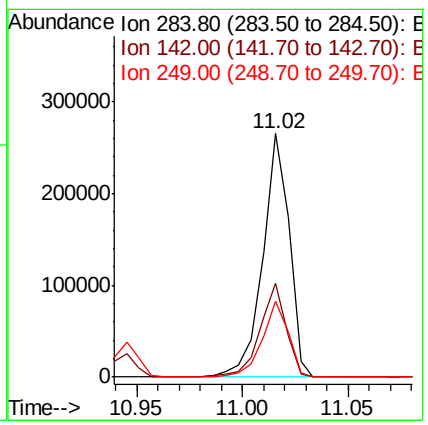


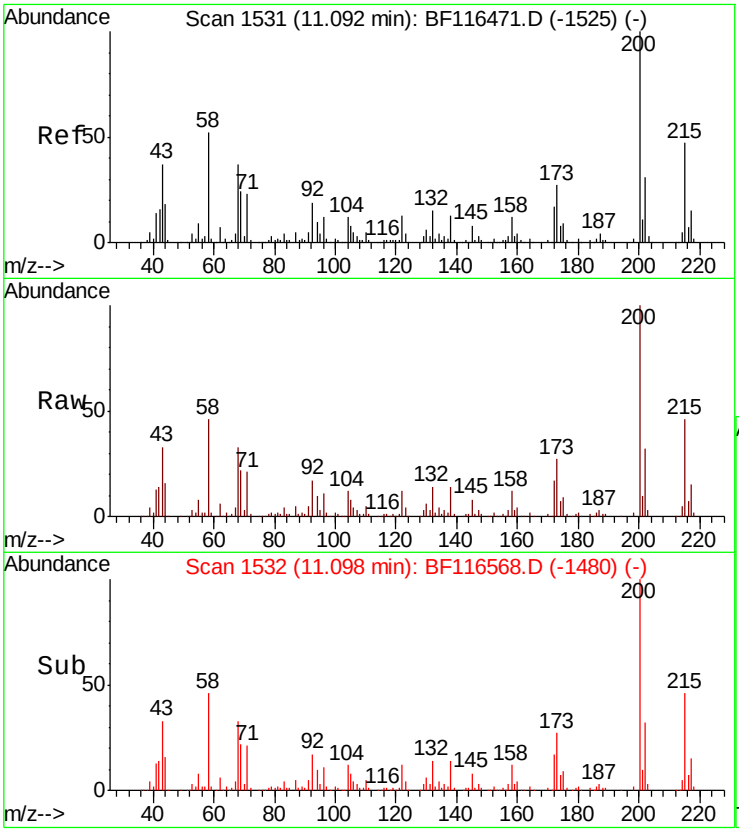


#68
Hexachlorobenzene
Concen: 36.863 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:284 Resp: 231497

Ion	Ratio	Lower	Upper
284	100		
142	38.4	24.6	36.8#
249	31.0	24.1	36.1

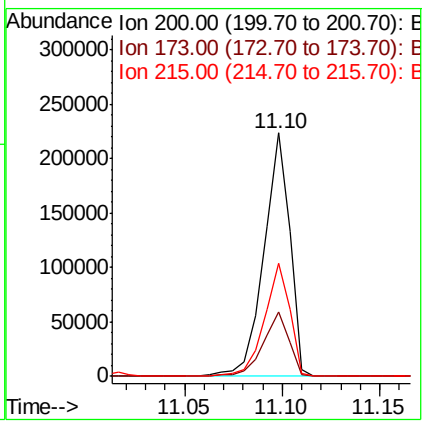




#69
Atrazine
Concen: 39.074 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:200 Resp: 205298

Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.3	47.3
215	46.4	26.7	66.7



Instrument :
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ClientSampleId :
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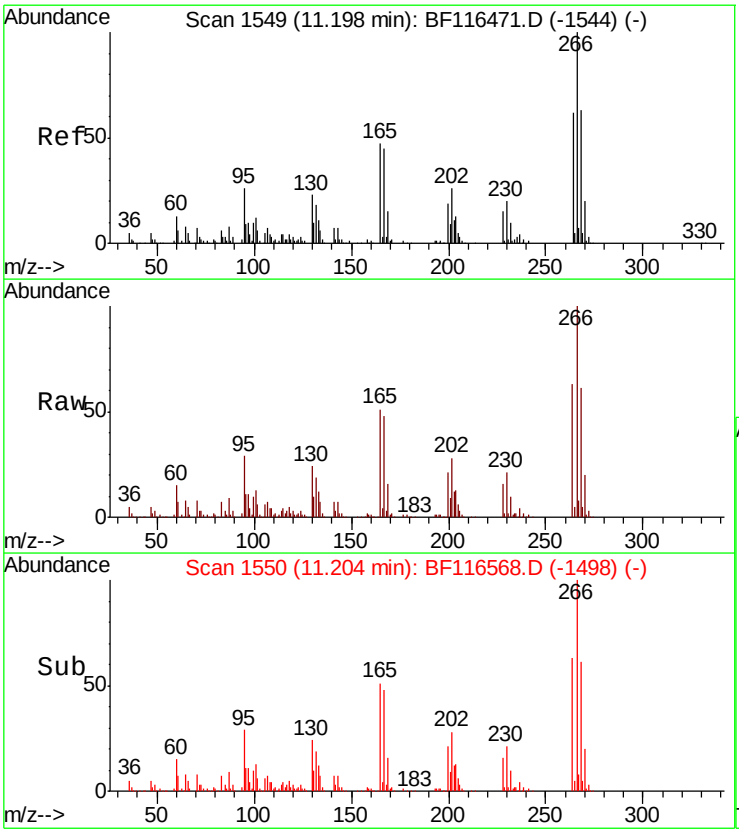
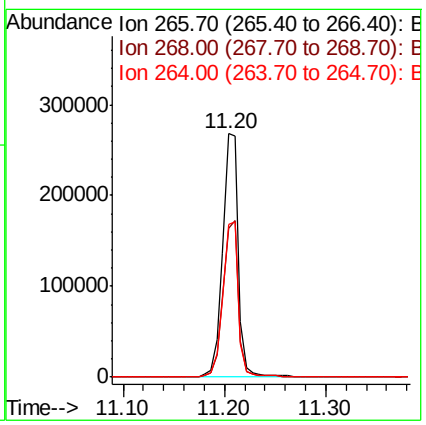
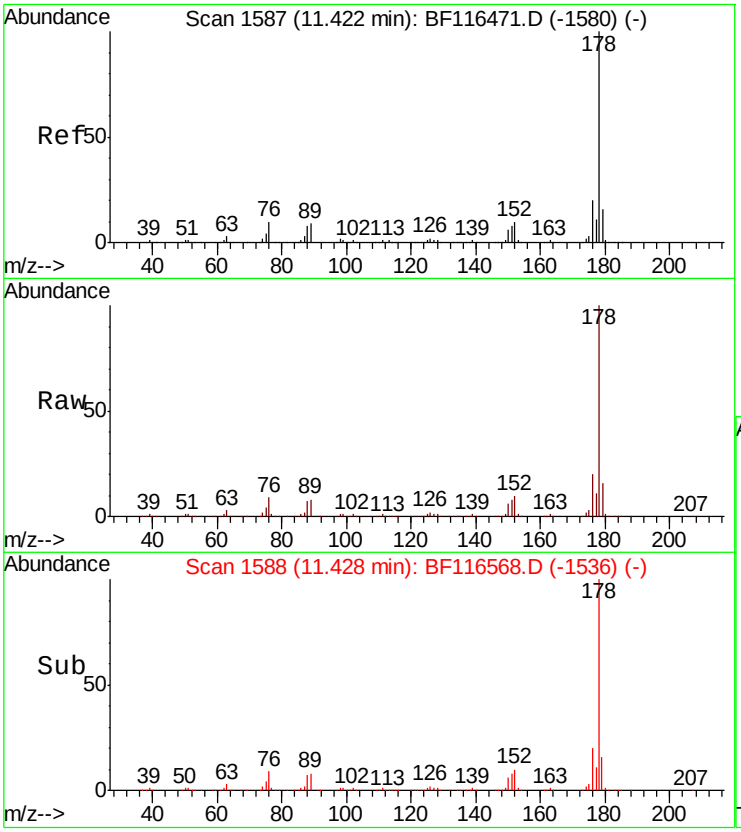


#70
Pentachlorophenol
Concen: 78.716 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:266 Resp: 288411

Ion	Ratio	Lower	Upper
266	100		
268	61.1	50.7	76.1
264	62.9	50.0	75.0

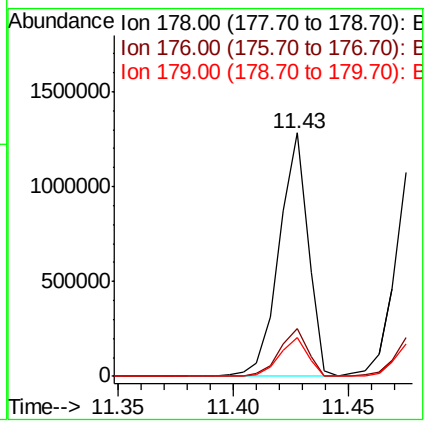




#71
Phenanthrene
Concen: 37.793 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:178 Resp: 1115011

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.7	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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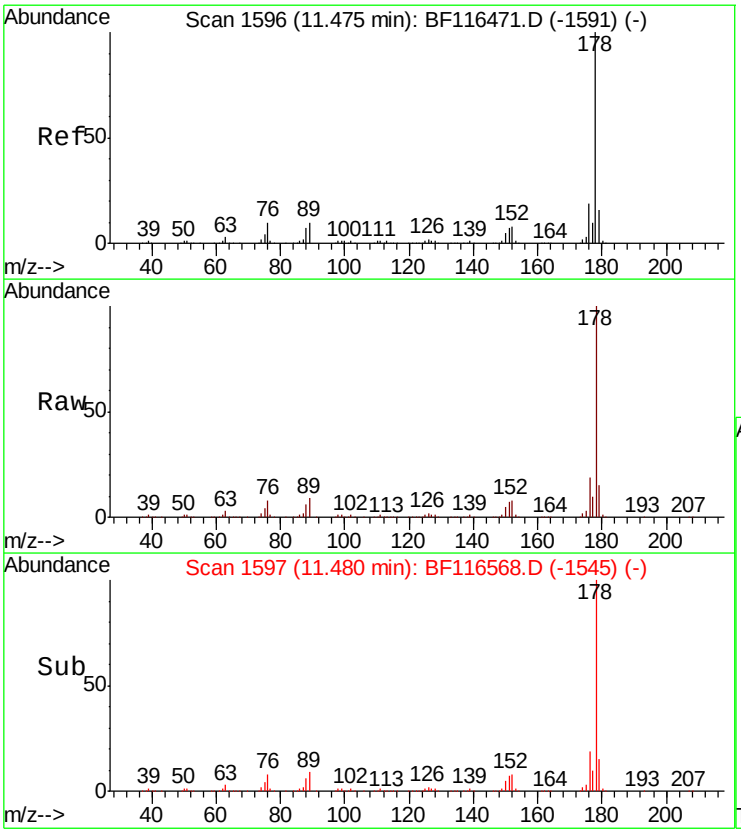
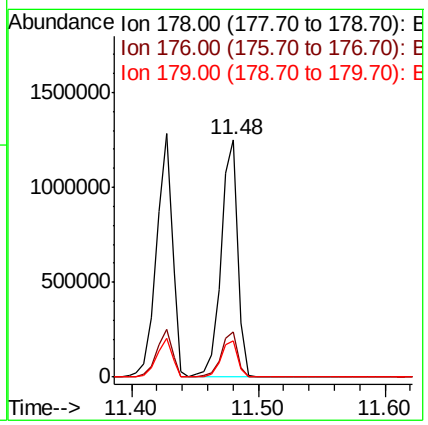
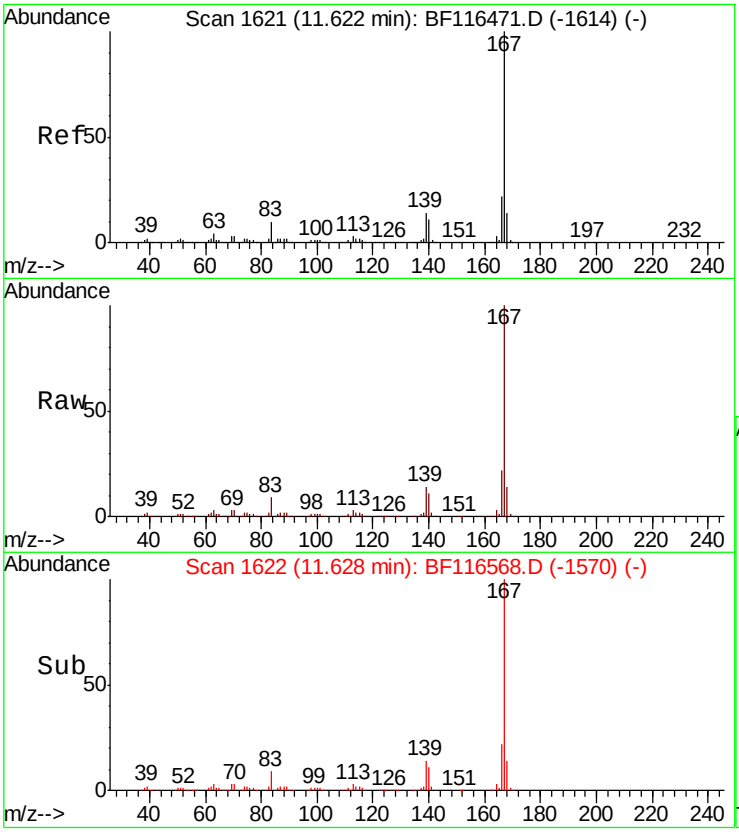


#72
Anthracene
Concen: 38.759 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:178 Resp: 1149053

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

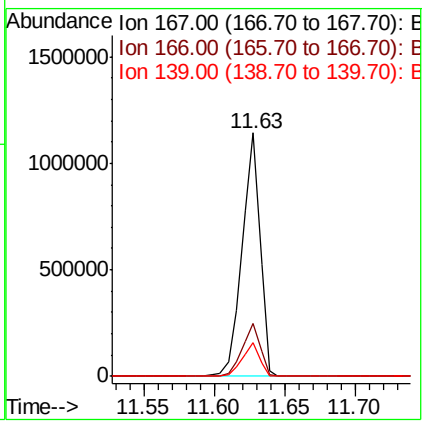




#73
Carbazole
Concen: 38.152 ng
RT: 11.63 min Scan# 1622
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:167 Resp: 1015258

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.8	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
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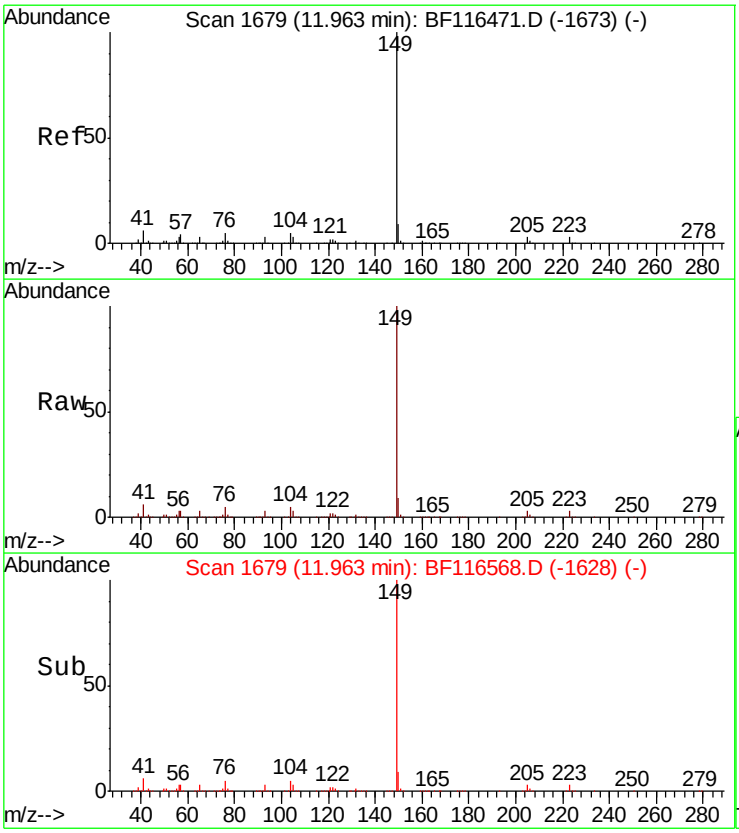
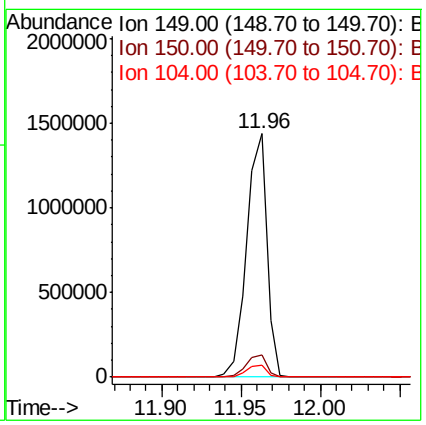
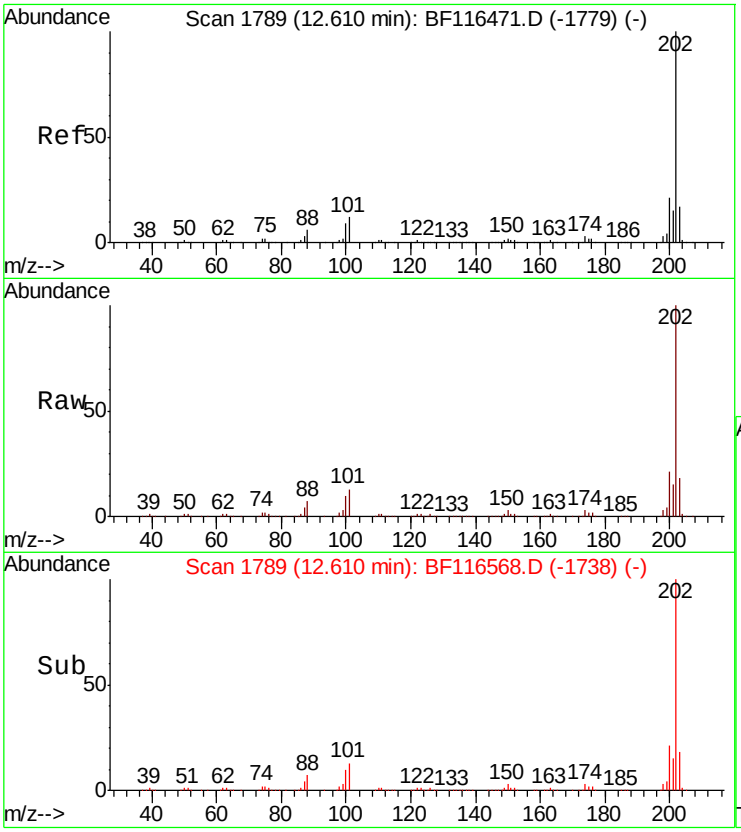


#74
Di-n-butylphthalate
Concen: 38.591 ng
RT: 11.96 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:149 Resp: 1272561

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.9	4.1	6.1

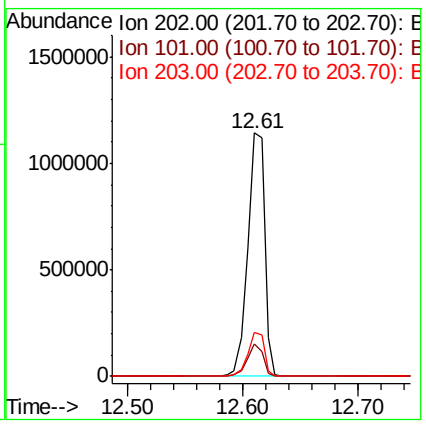




#75
Fluoranthene
Concen: 38.037 ng
RT: 12.61 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:202 Resp: 1160218

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	31.5
203	18.0	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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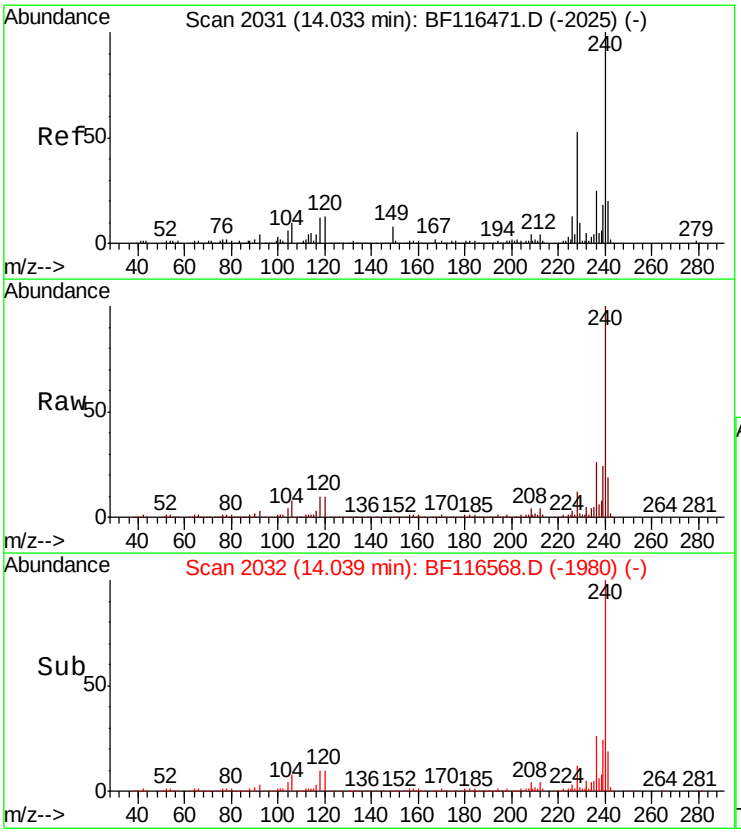
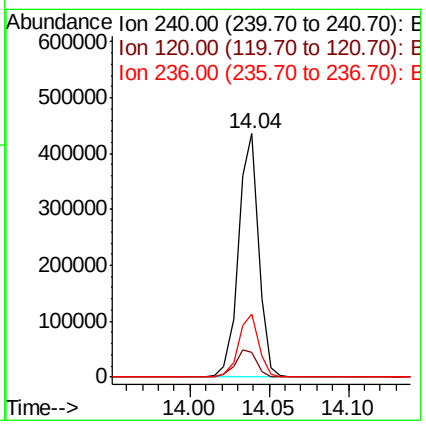
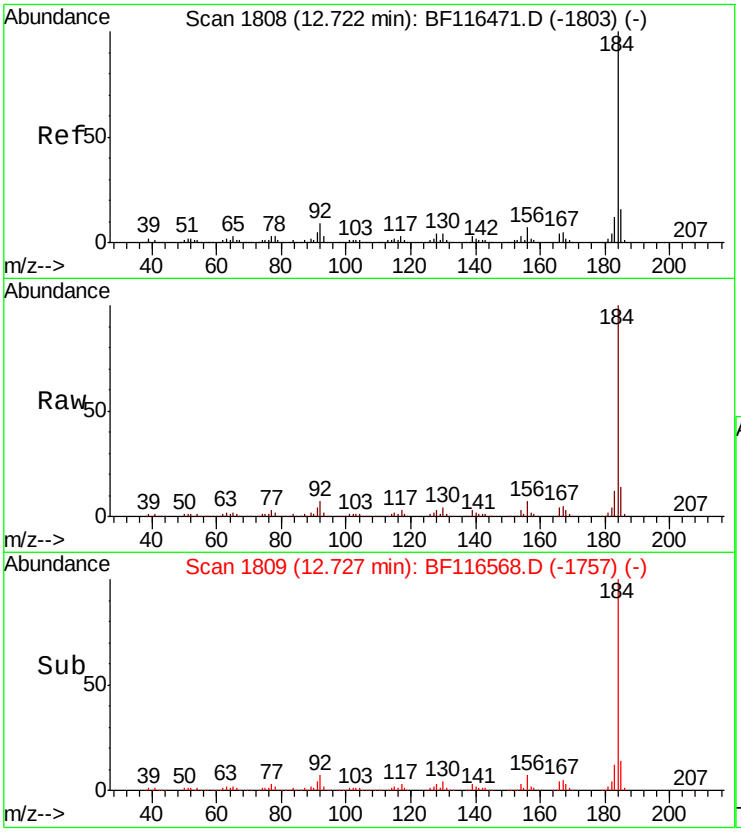


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:240 Resp: 383160

Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.5	15.7#
236	26.2	20.2	30.2

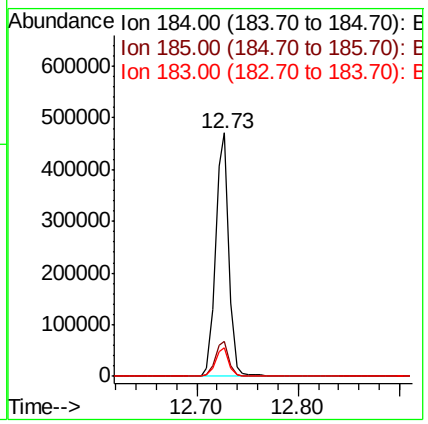




#77
Benzidine
Concen: 27.679 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:184 Resp: 426700

Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.0	19.4
183	11.8	9.8	14.6



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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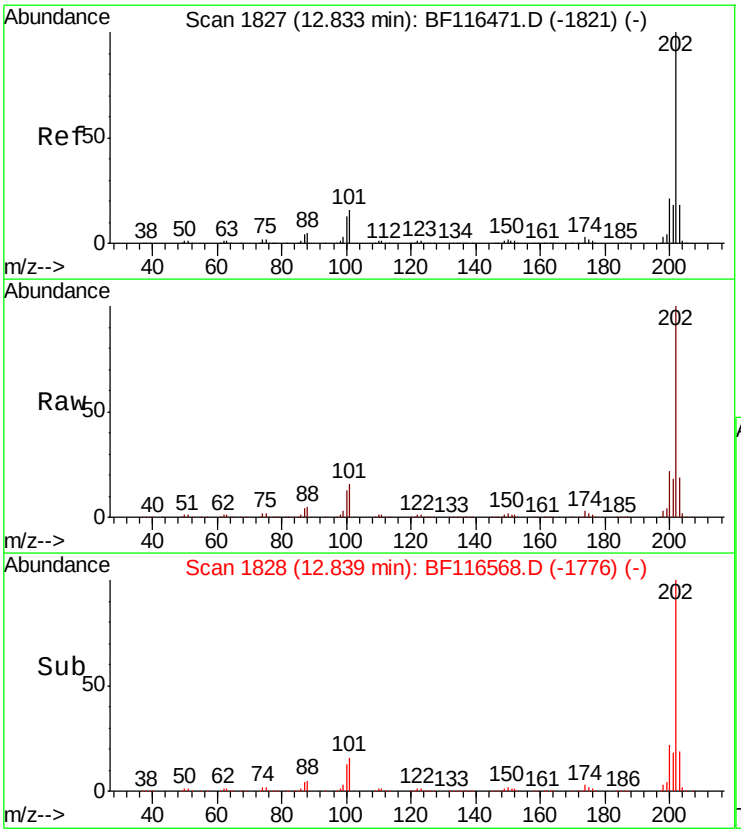
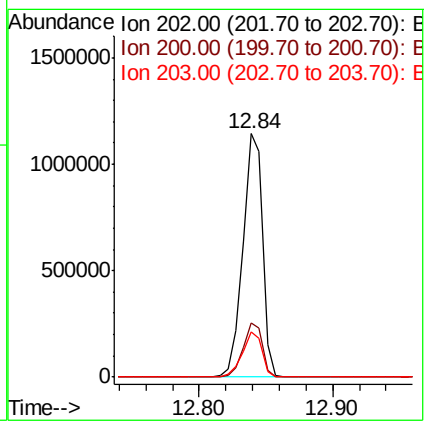
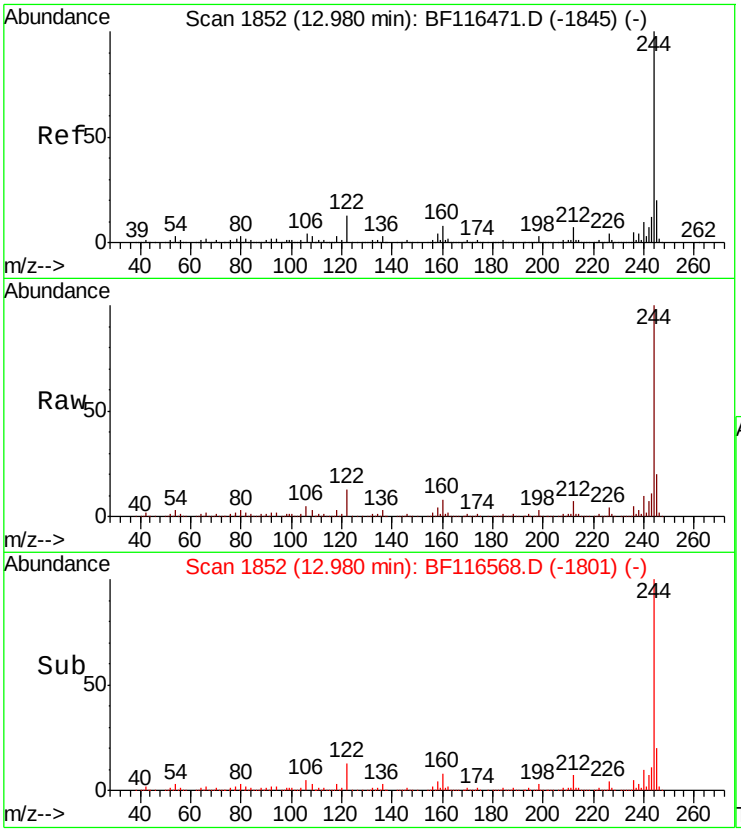


#78
Pyrene
Concen: 37.667 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:202 Resp: 1154168

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.0	25.4
203	18.5	14.2	21.4

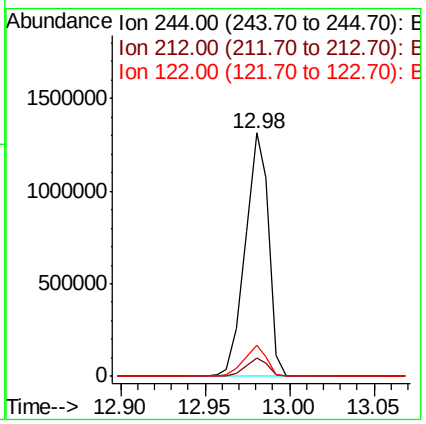




#79
Terphenyl-d14
Concen: 62.009 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:244 Resp: 1271972

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	13.0	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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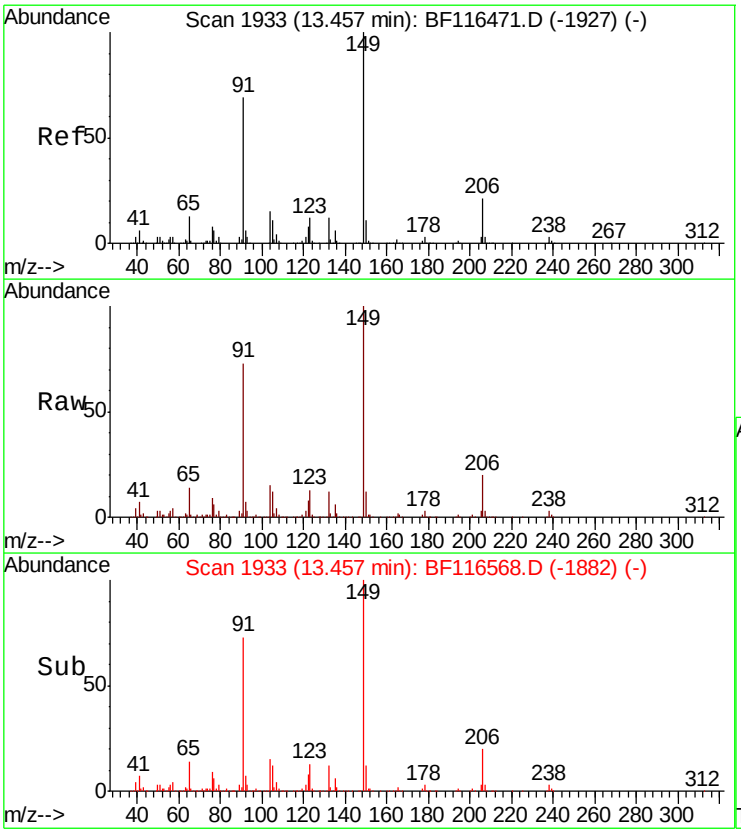
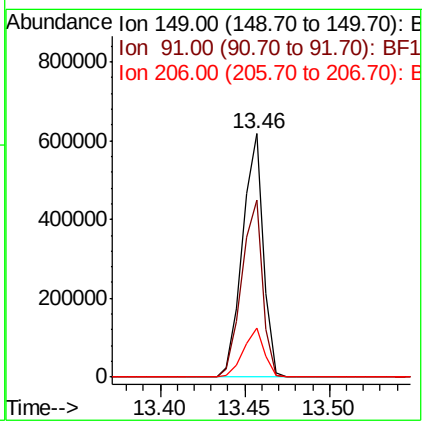
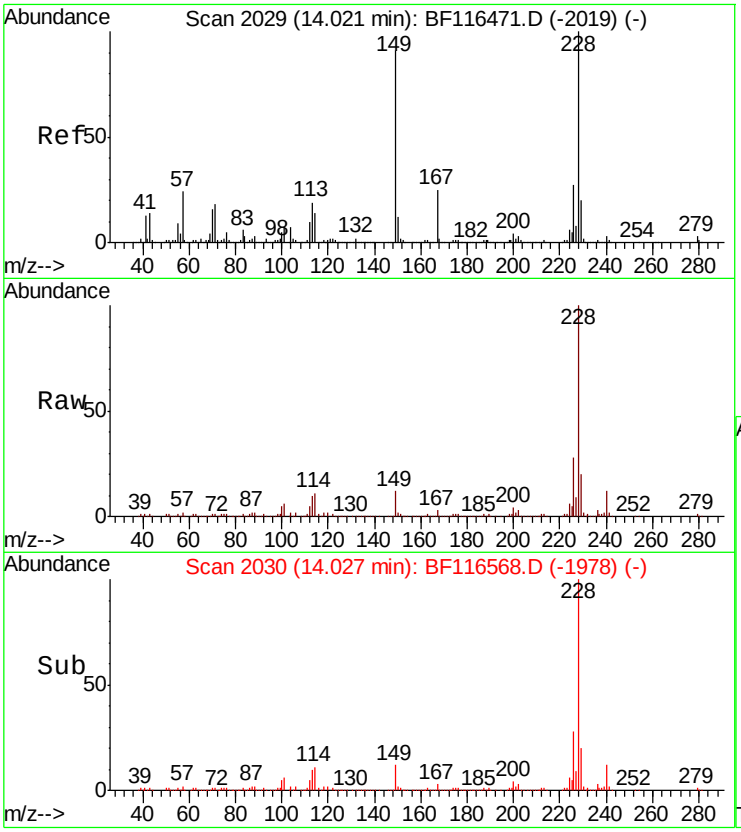


#80
Butylbenzylphthalate
Concen: 40.264 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:149 Resp: 532826

Ion	Ratio	Lower	Upper
149	100		
91	72.8	54.9	82.3
206	20.1	16.6	24.8

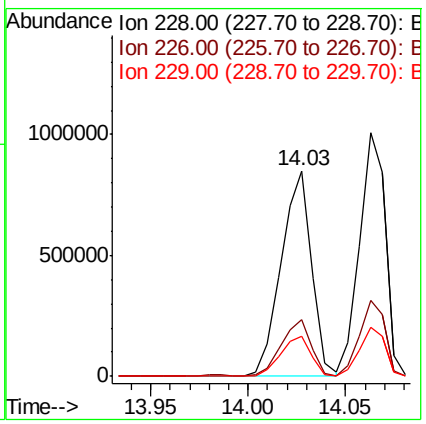




#81
Benzo(a)anthracene
Concen: 36.937 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:228 Resp: 916629

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	19.8	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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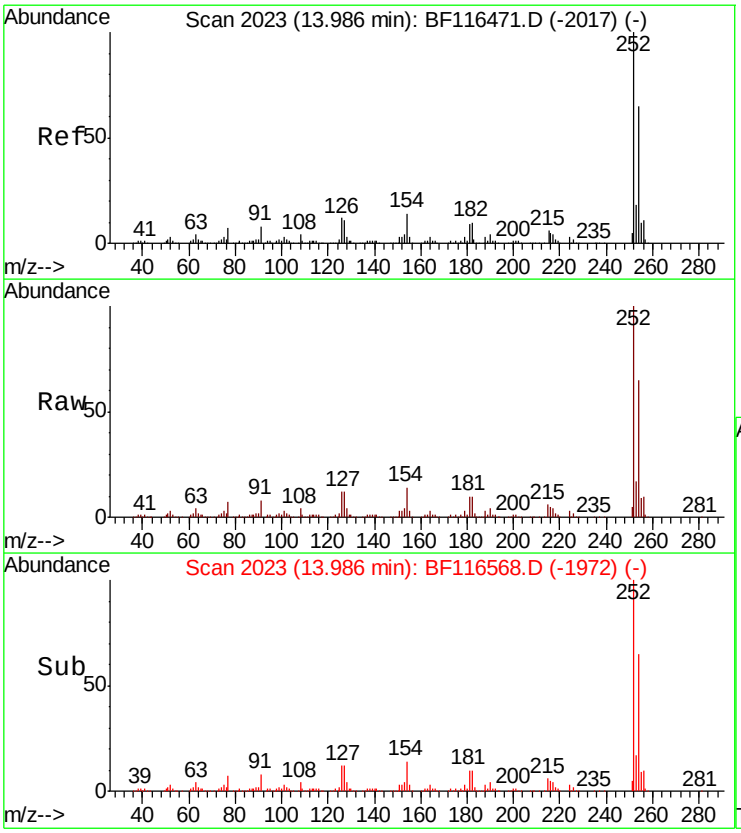
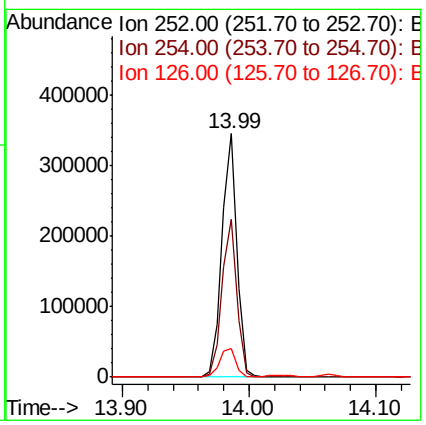
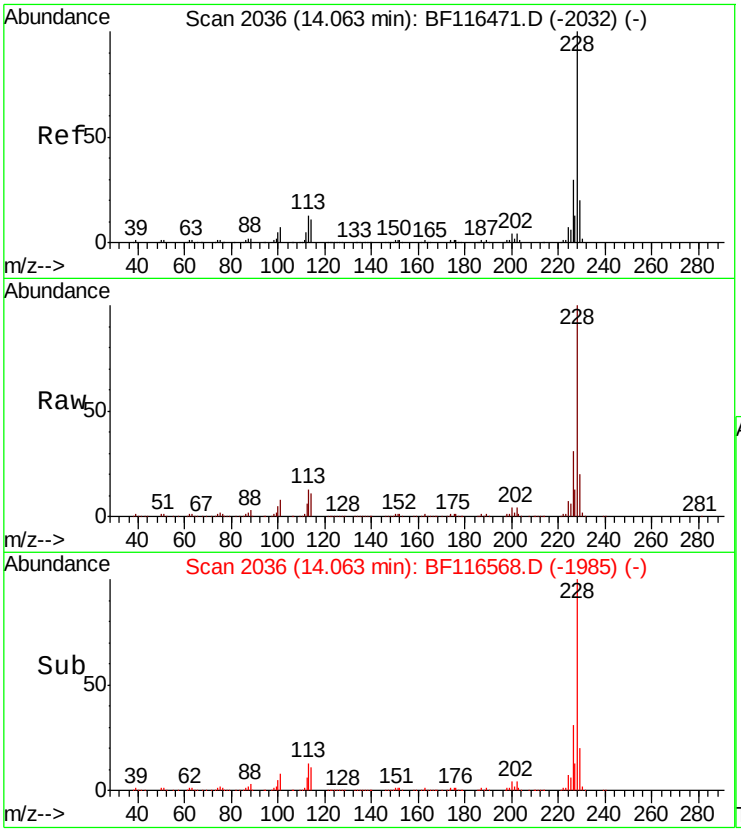


#82
3,3'-Dichlorobenzidine
Concen: 32.356 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:252 Resp: 286140

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	11.8	9.4	14.0

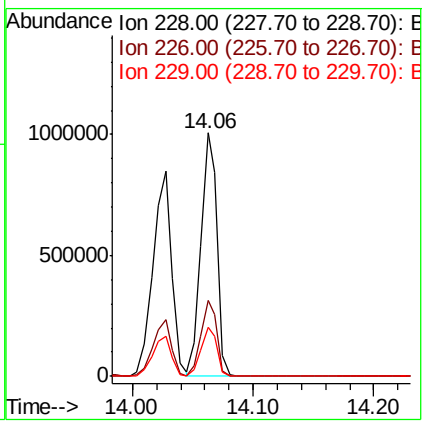




#83
Chrysene
Concen: 36.959 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:228 Resp: 929608

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.2
229	20.3	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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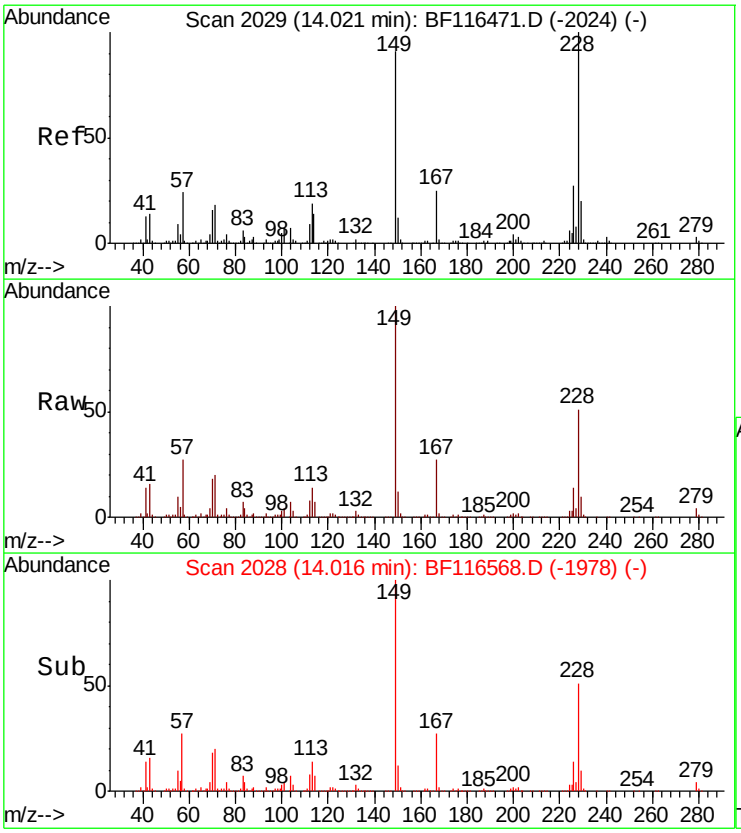
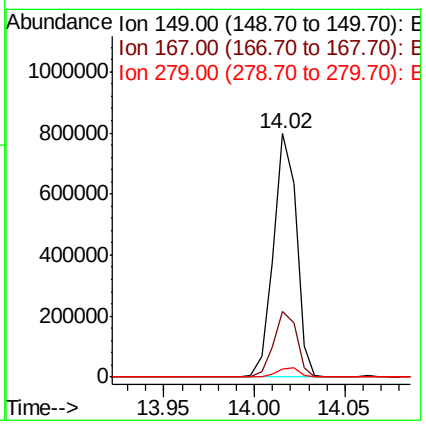
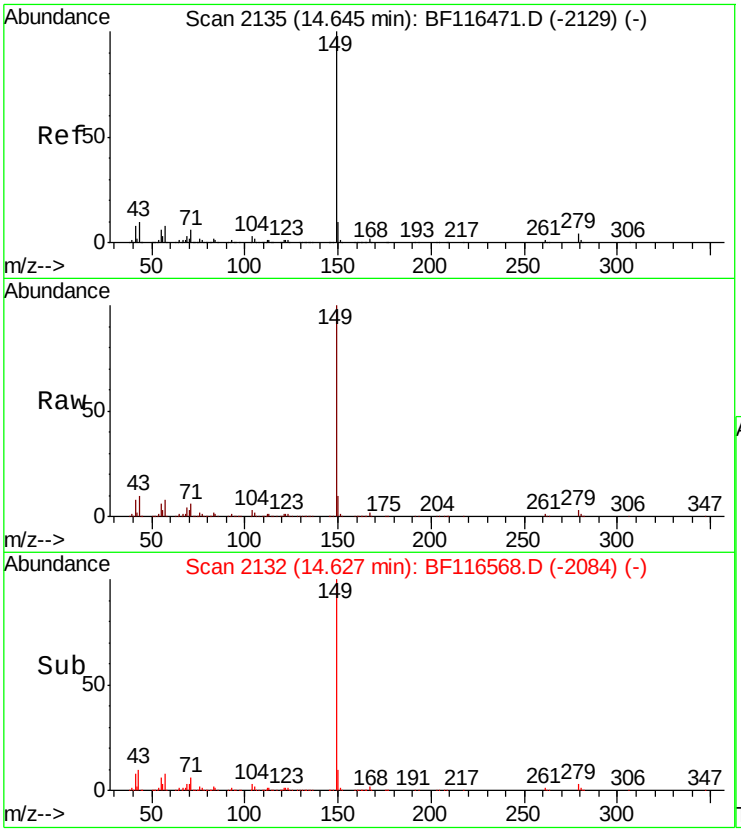


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.815 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:149 Resp: 702561

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.6
279	3.5	3.0	4.4

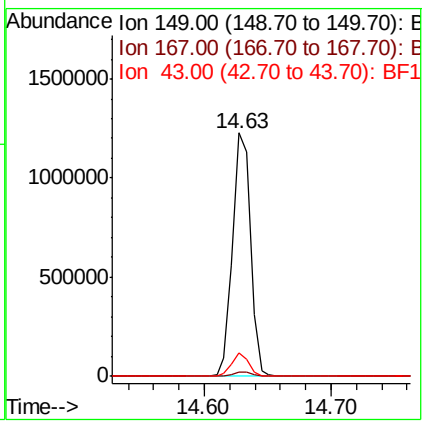




#85
Di-n-octyl phthalate
Concen: 39.690 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:149 Resp: 1189017

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.8	11.8



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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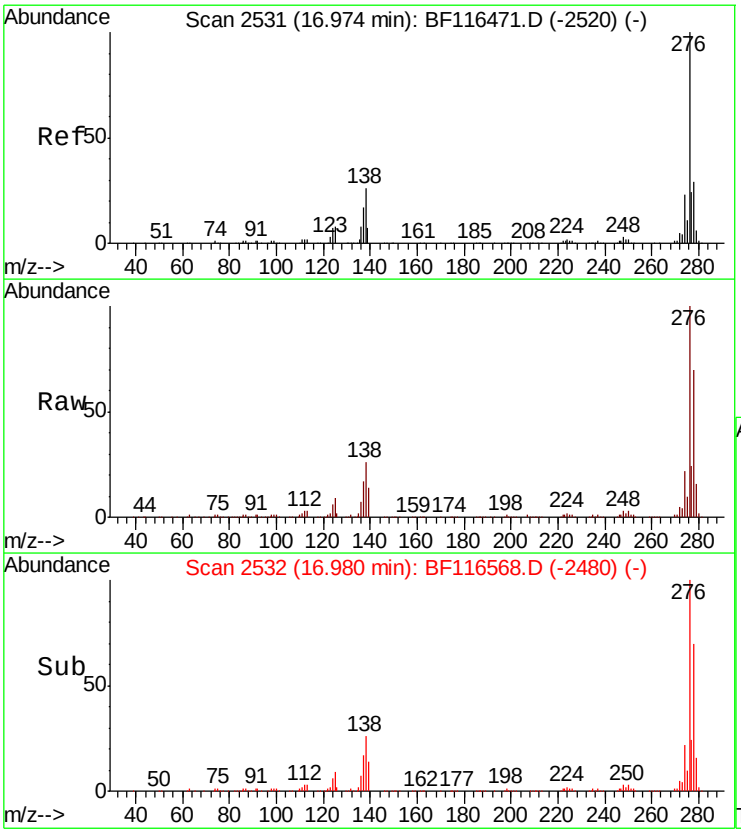
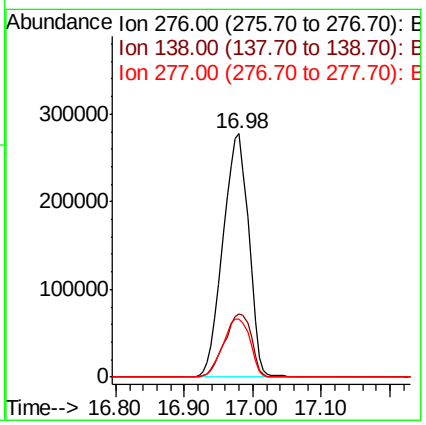
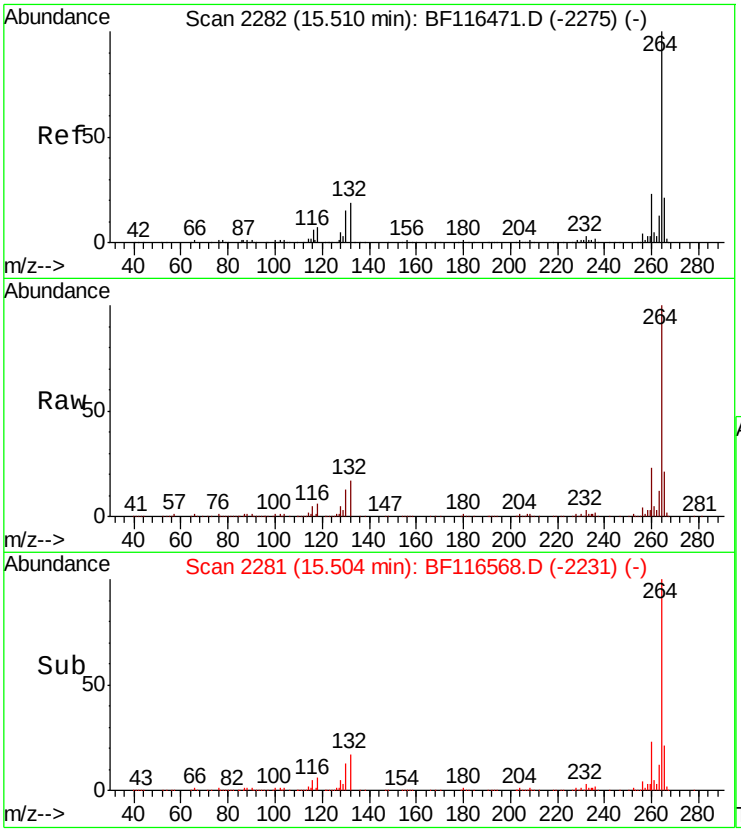


#86
Indeno(1,2,3-cd)pyrene
Concen: 33.622 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:276 Resp: 724430

Ion	Ratio	Lower	Upper
276	100		
138	27.0	22.9	34.3
277	25.2	19.9	29.9

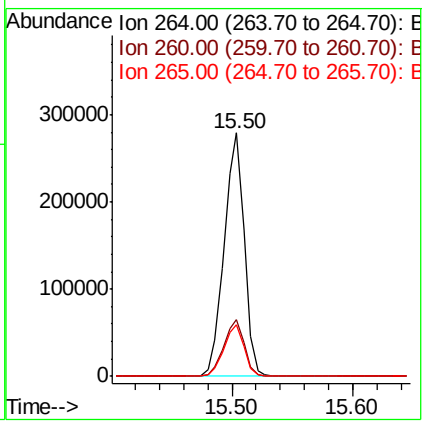




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:264 Resp: 322390

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.1	17.1	25.7



Instrument :
BNA_F
ClientSampleId :
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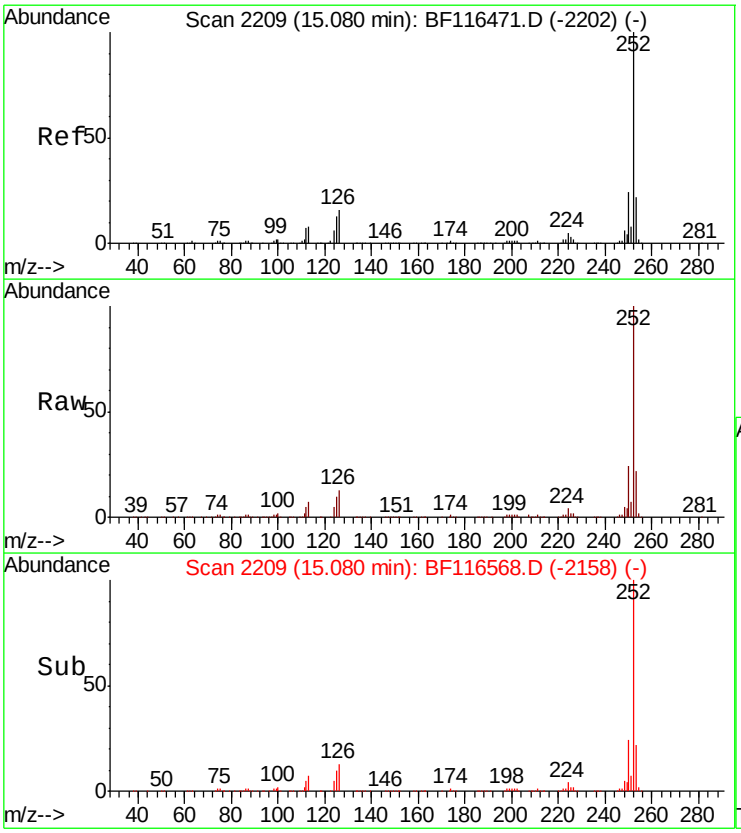
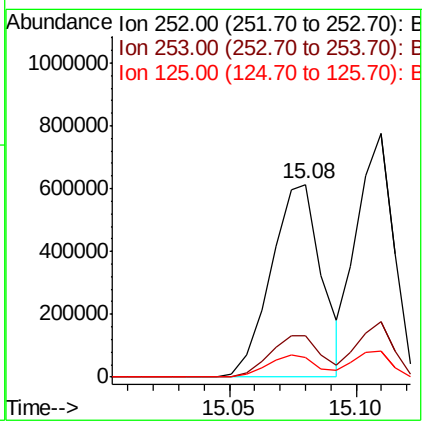
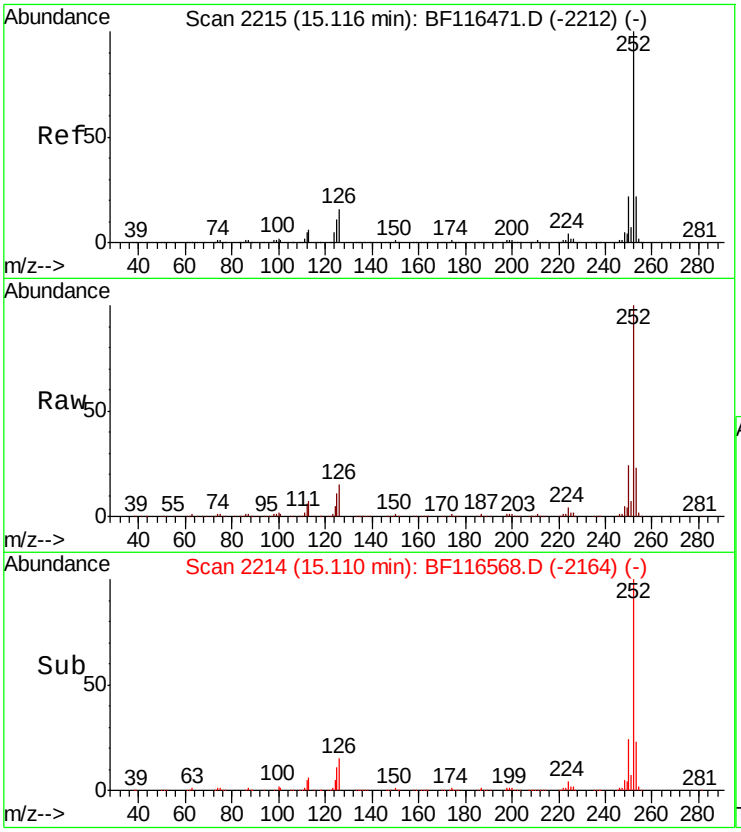


#88
Benzo(b)fluoranthene
Concen: 43.039 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:252 Resp: 857148

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.1	10.1	15.1

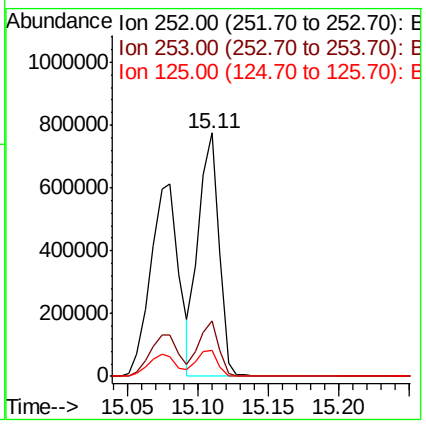




#89
Benzo(k)fluoranthene
Concen: 43.513 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:252 Resp: 785090

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	10.8	9.1	13.7



Instrument :
BNA_F
ClientSampleId :
PB122490BS

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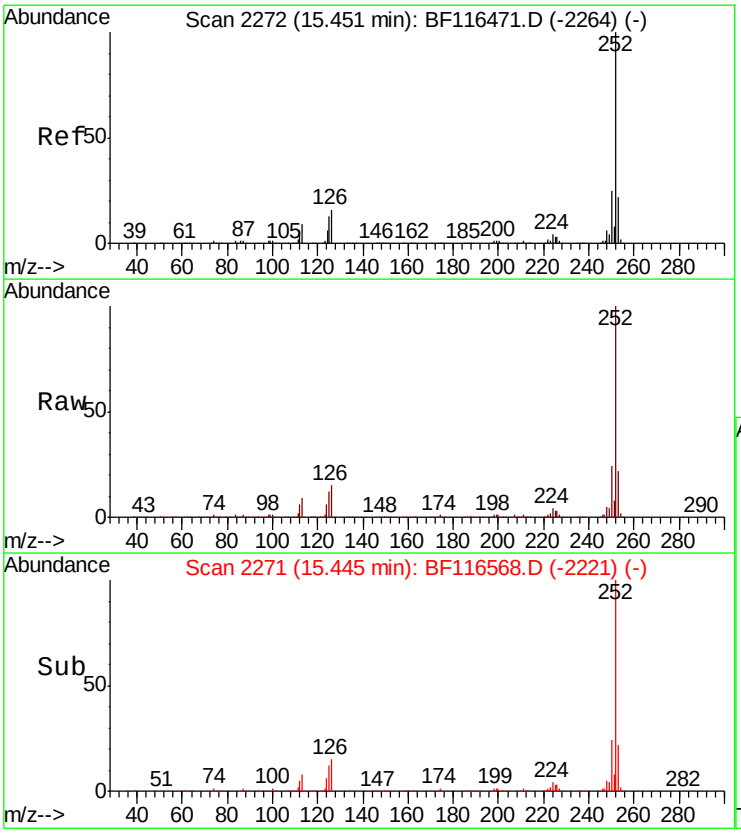
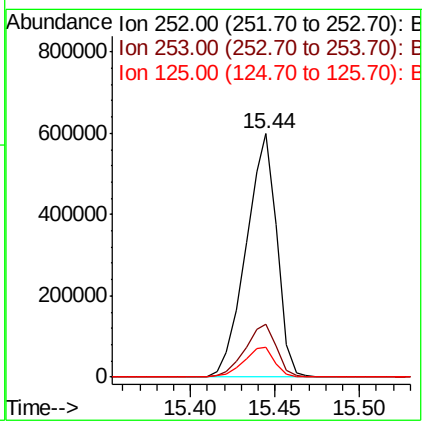
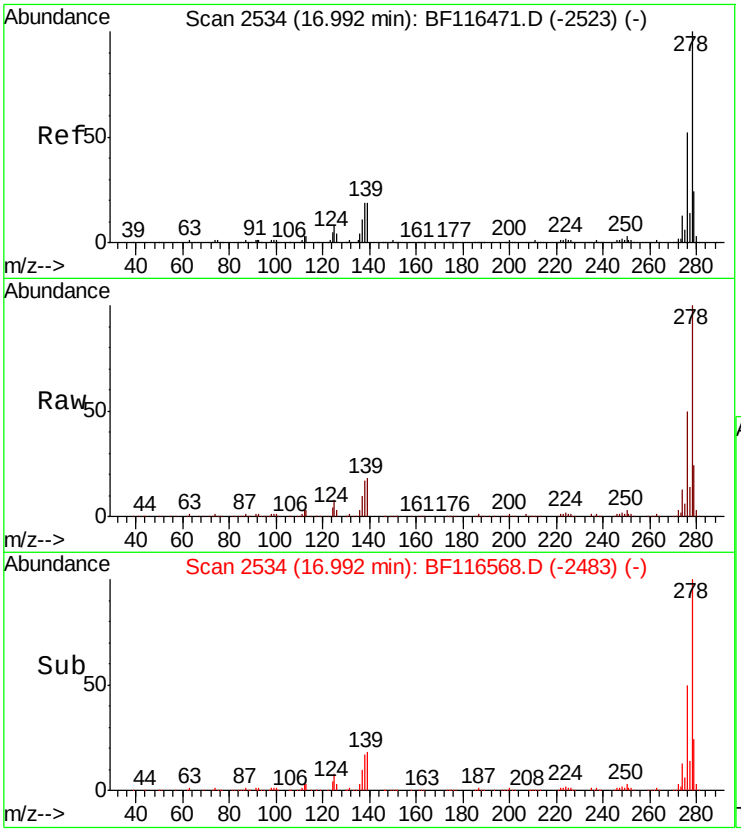


#90
Benzo(a)pyrene
Concen: 43.160 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:252 Resp: 759687

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	12.0	10.2	15.4

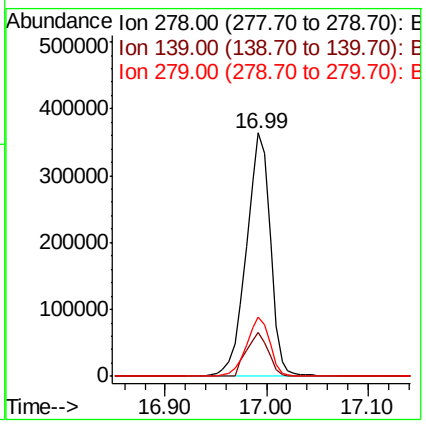




#91
Dibenzo(a,h)anthracene
Concen: 41.602 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

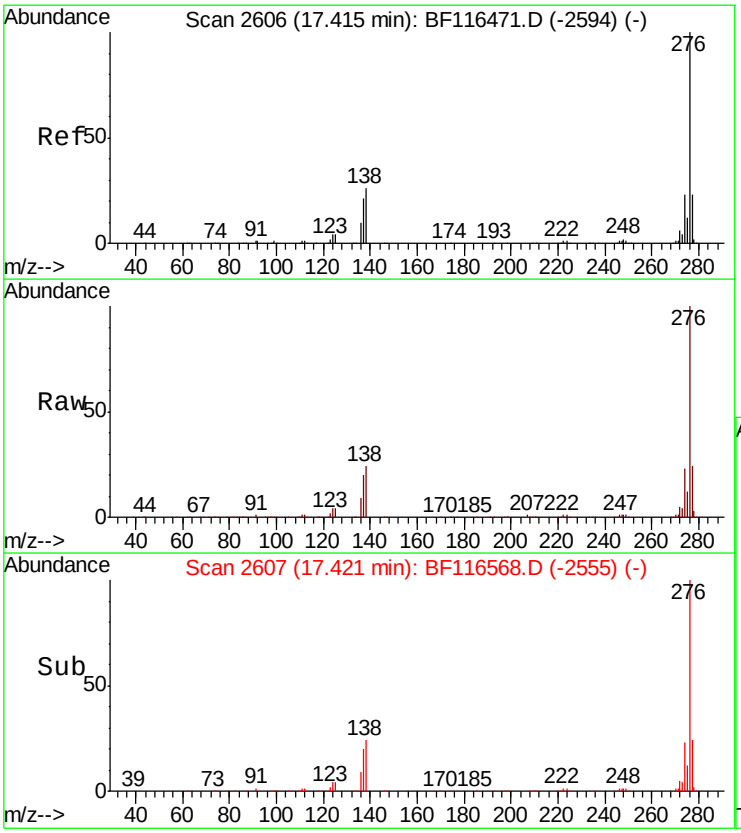
Tgt Ion:278 Resp: 601717

Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.3	22.9
279	24.4	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
PB122490BS

Manual Integrations APPROVED
Jagrut
8/27/2019 10:30:24 AM



#92
Benzo(g,h,i)perylene
Concen: 42.540 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BF116568.D
Acq: 26 Aug 2019 12:18

Tgt Ion:276 Resp: 586567

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	24.1	20.8	31.2