Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101019\
Data File : BF117367.D
Acq On : 10 Oct 2019 18:29
Operator : JU
Sample : K5297-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Time: Oct 11 05:27:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	45710	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	181719	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	94464	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	149077	20.00	ng		-0.01
76) Chrysene-d12	13.96	240	85974	20.00	ng		-0.01
87) Perylene-d12	15.42	264	98624	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	284864	97.30	ng		0.00
7) Phenol-d6	6.44	99	383782	101.43	ng		-0.01
23) Nitrobenzene-d5	7.36	82	232031	67.09	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	76845	97.33	ng		-0.01
45) 2-Fluorobiphenyl	9.15	172	403998	66.87	ng		-0.01
79) Terphenyl-d14	12.90	244	315586	68.61	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.44	77	397	Below Cal		#	1
10) Phenol	6.45	94	15176	3.638	ng		93
18) Hexachloroethane	7.33	117	10153	7.297	ng	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	32516	14.113	ng	#	83
25) Isophorone	7.36	82	232028	37.891	ng	#	66
31) Naphthalene	8.10	128	23082	2.641	ng	#	92
37) 2-Methylnaphthalene	8.79	142	30165	5.126	ng		97
38) 1-Methylnaphthalene	8.89	142	19986	3.626	ng		90
50) Dimethylphthalate	9.55	163	45641	6.824	ng		99
51) 2,6-Dinitrotoluene	9.83	165	11942	8.766	ng	#	24
52) Acenaphthene	9.86	154	25498	4.910	ng		96
55) Dibenzofuran	10.04	168	23658	3.088	ng		96
56) 4-Nitrophenol	10.04	139	8937	8.023	ng	#	4
57) 2,4-Dinitrotoluene	9.83	165	11942	6.754	ng	#	18
58) Fluorene	10.38	166	25900	4.196	ng	#	96
67) 4-Bromophenyl-phenylether	10.62	248	4857	3.190	ng	#	1
71) Phenanthrene	11.34	178	107804	12.731	ng		98
72) Anthracene	11.34	178	107804	12.471	ng		99
75) Fluoranthene	12.53	202	66995	7.700	ng		96
78) Pyrene	12.76	202	44271	6.137	ng		96

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

Quantitation Report (Not Reviewed)

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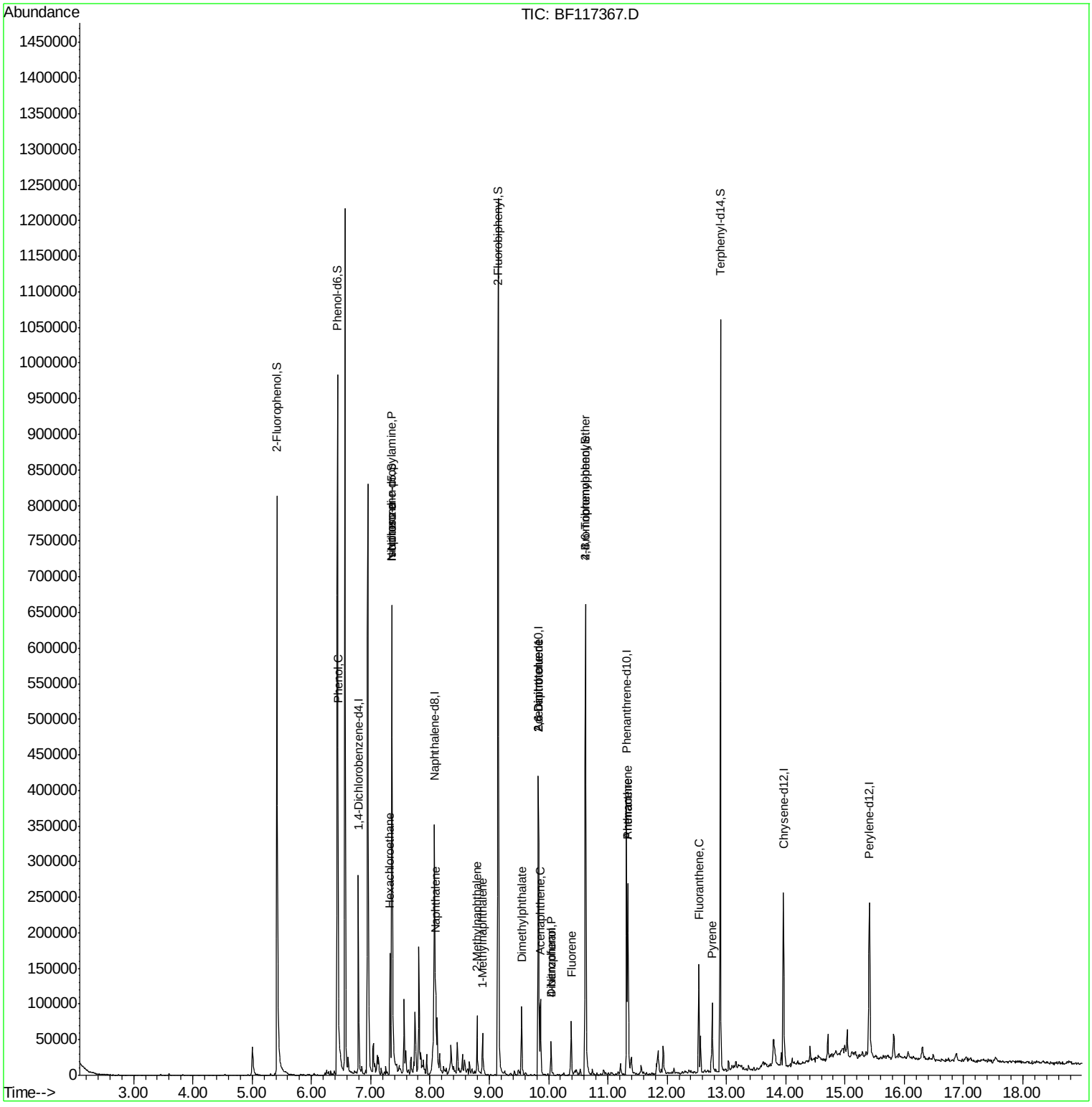
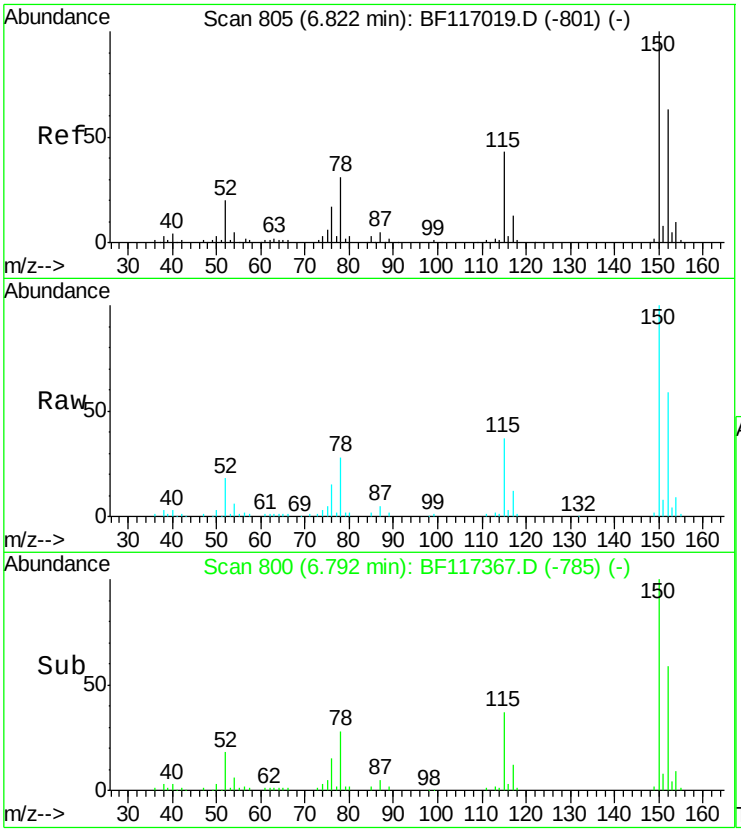


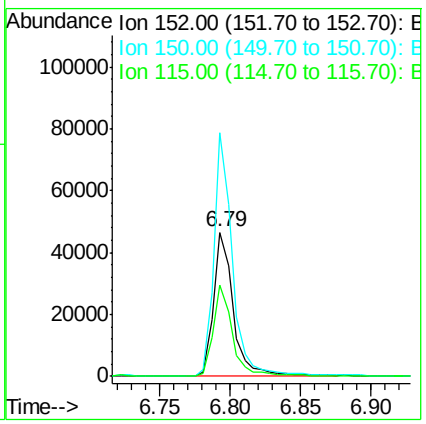


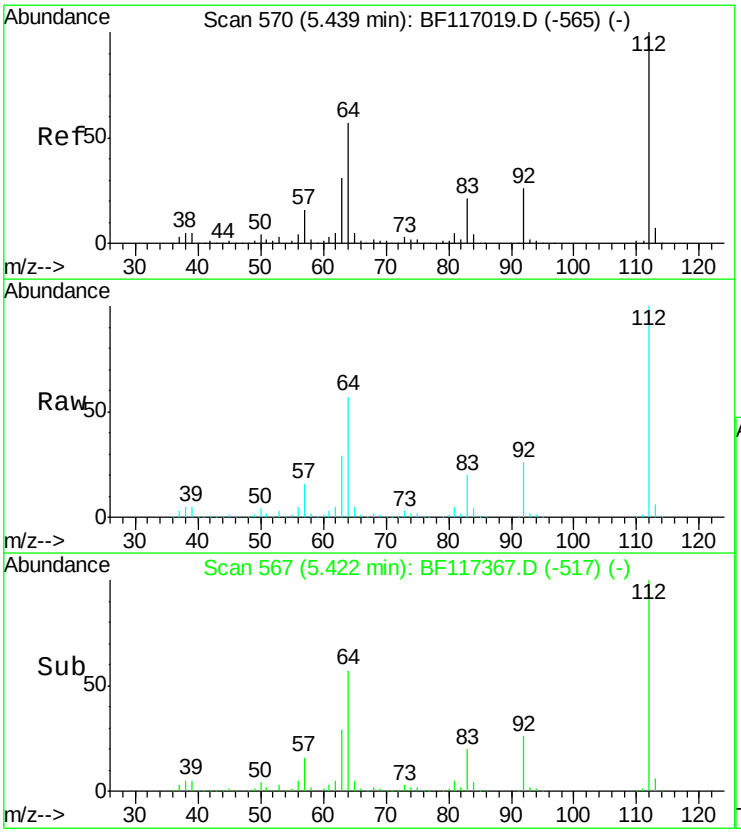
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 45710

Ion	Ratio	Lower	Upper
152	100		
150	169.4	127.5	191.3
115	63.5	55.0	82.4

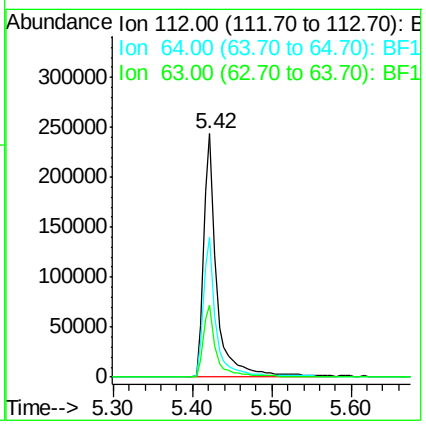


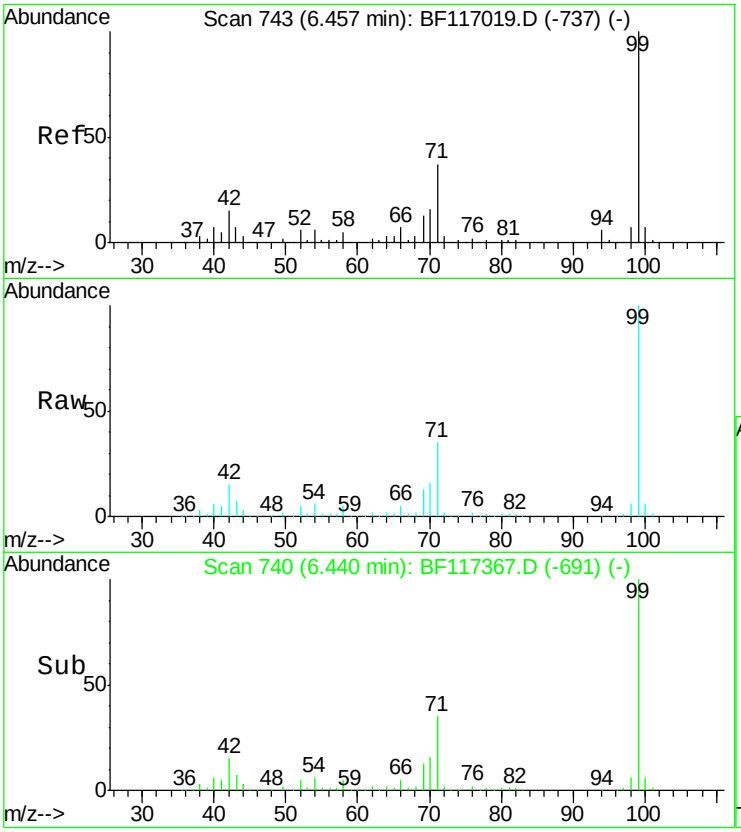


#5
2-Fluorophenol
Concen: 97.297 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion:112 Resp: 284864

Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.7	68.5
63	29.4	24.9	37.3



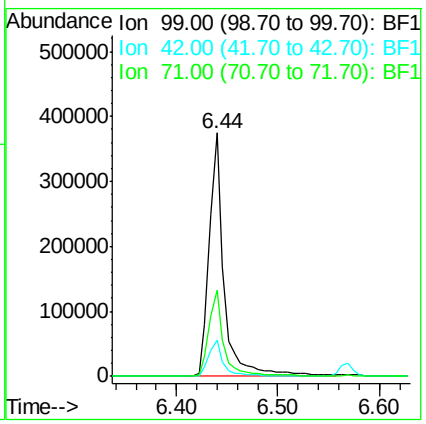


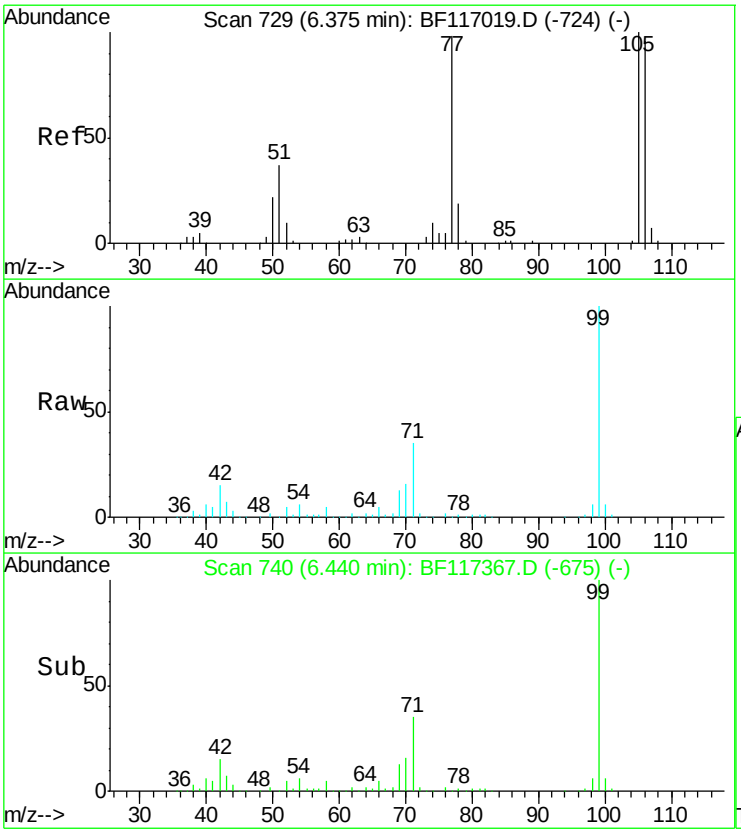
#7
Phenol-d6
Concen: 101.429 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 383782

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.2	18.2
71	35.5	29.8	44.8

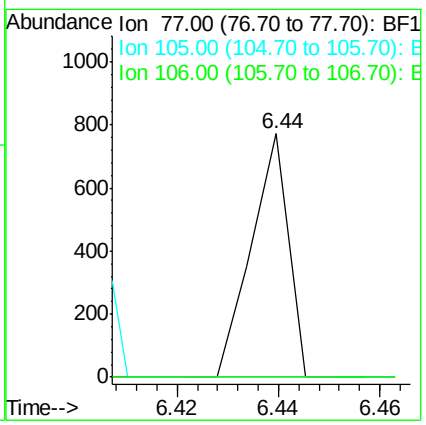


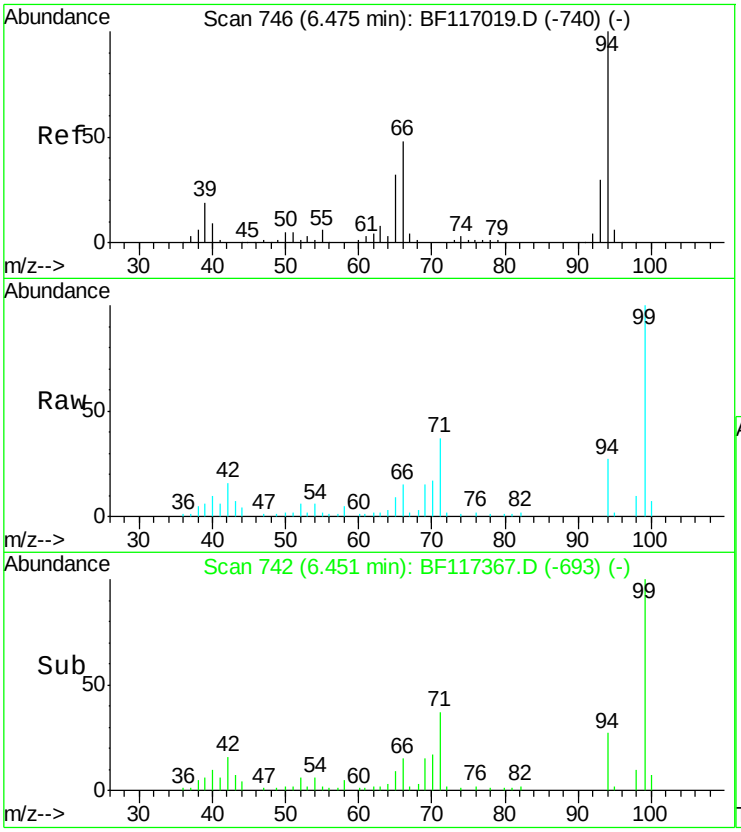


#9
Benzaldehyde
Concen: Below Cal
RT: 6.44 min Scan# 740
Delta R.T. 0.08 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion: 77 Resp: 397

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.8	121.8#
106	0.0	77.3	117.3#



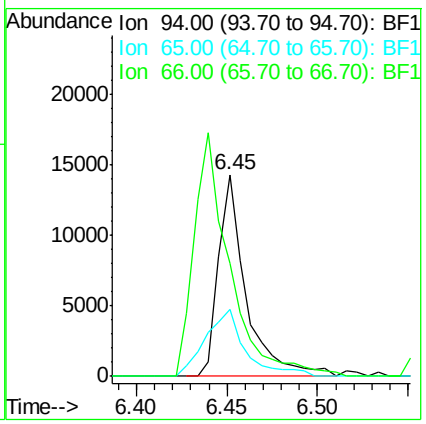


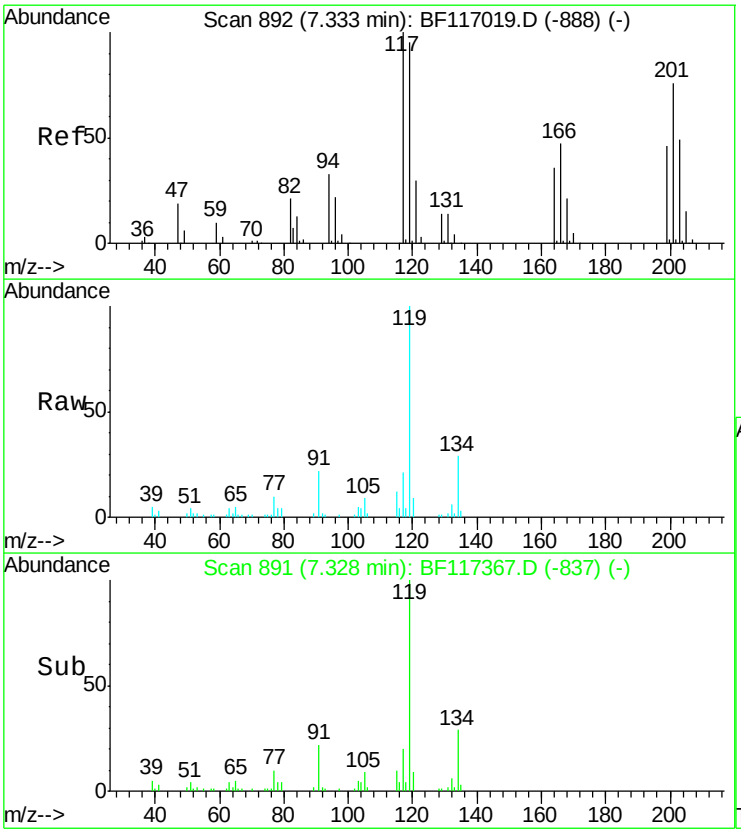
#10
Phenol
Concen: 3.638 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 94 Resp: 15176

Ion	Ratio	Lower	Upper
94	100		
65	33.0	12.5	52.5
66	55.9	28.9	68.9

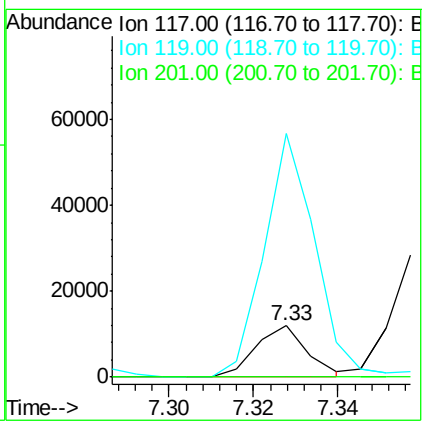


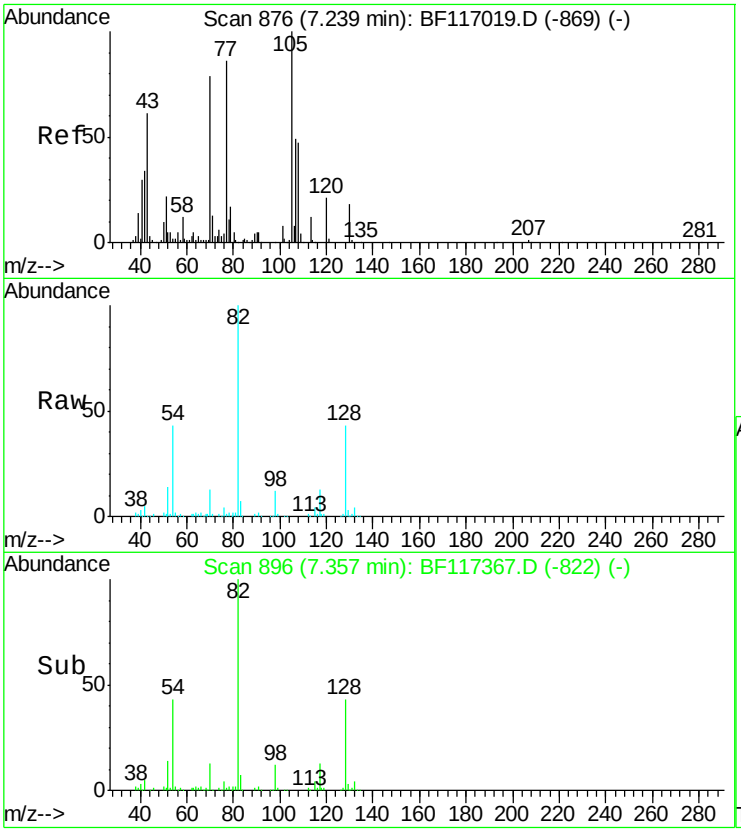


#18
Hexachloroethane
Concen: 7.297 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.02 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion:117 Resp: 10153

Ion	Ratio	Lower	Upper
117	100		
119	473.6	75.8	113.8#
201	0.0	60.9	91.3#



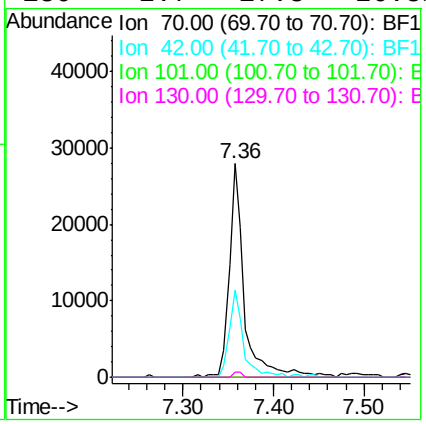


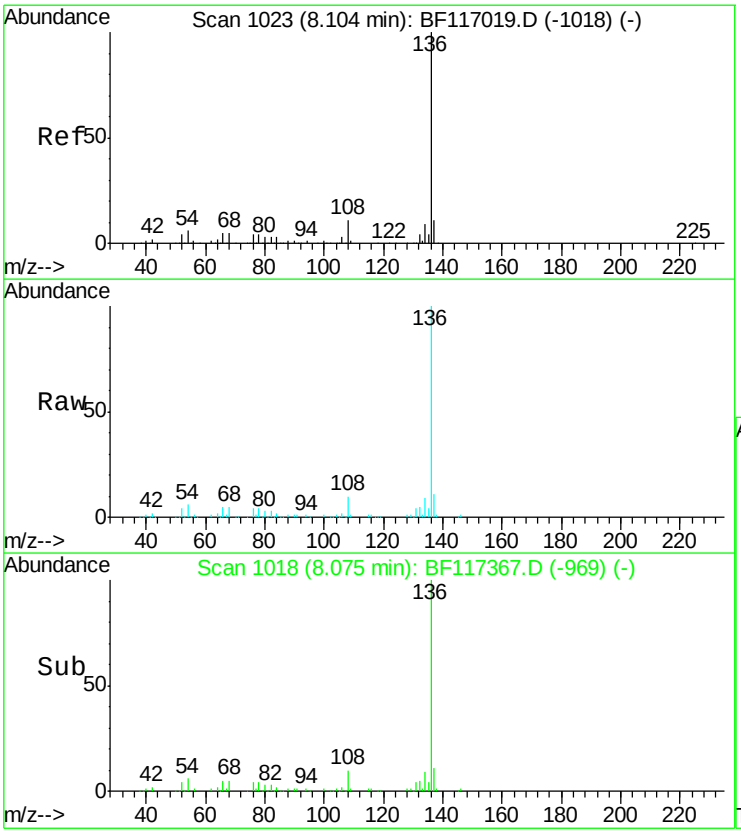
#19
n-Nitroso-di-n-propylamine
Concen: 14.113 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 70 Resp: 32516

Ion	Ratio	Lower	Upper
70	100		
42	40.5	34.0	51.0
101	0.0	7.8	11.6#
130	2.7	17.8	26.8#

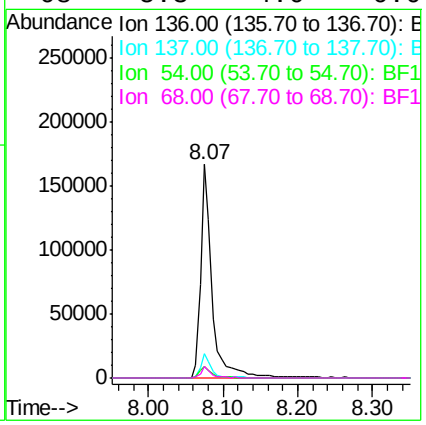


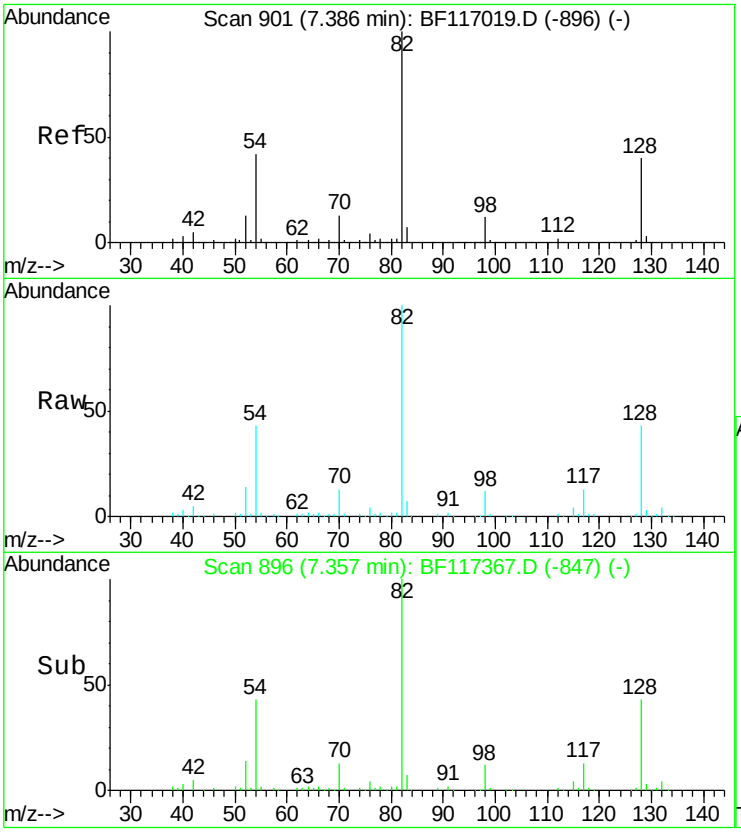


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion:136 Resp: 181719

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	5.6	4.5	6.7
68	5.3	4.0	6.0



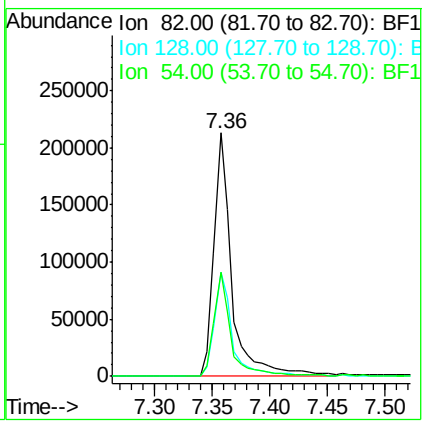


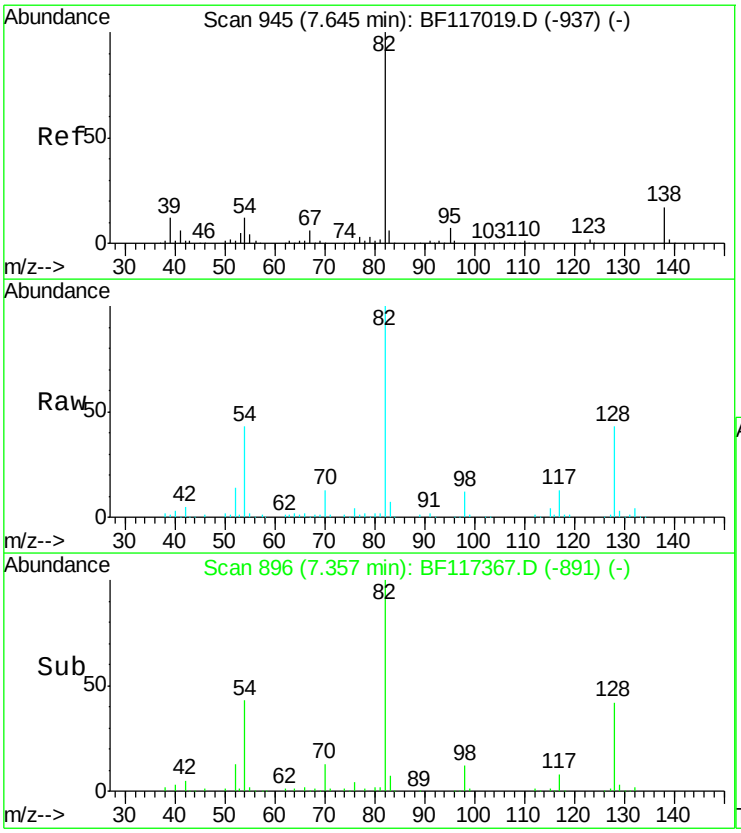
#23
Nitrobenzene-d5
Concen: 67.090 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 232031

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.3	48.5
54	42.7	33.3	49.9

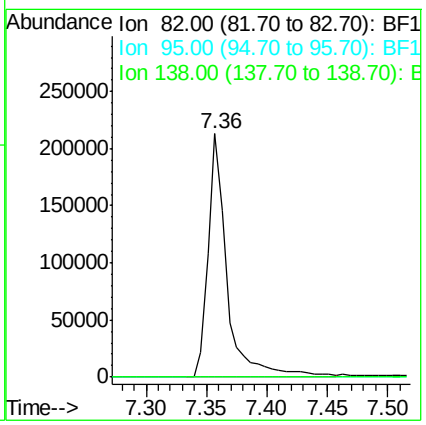


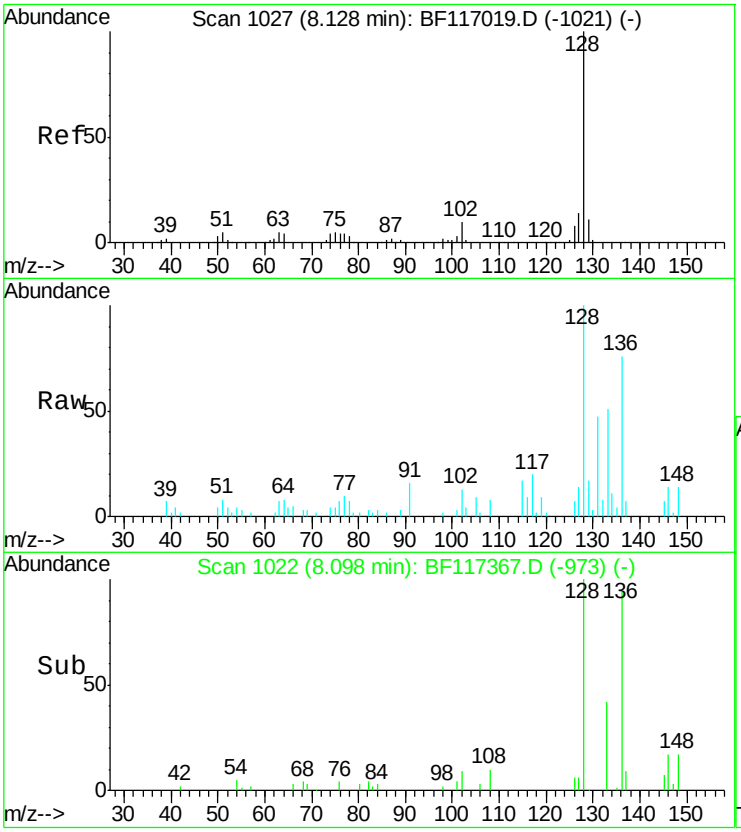


#25
Isophorone
Concen: 37.891 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion: 82 Resp: 232028

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



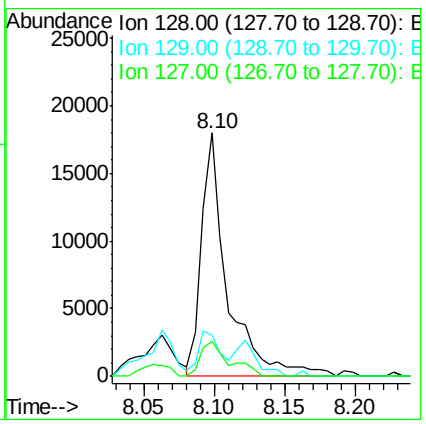


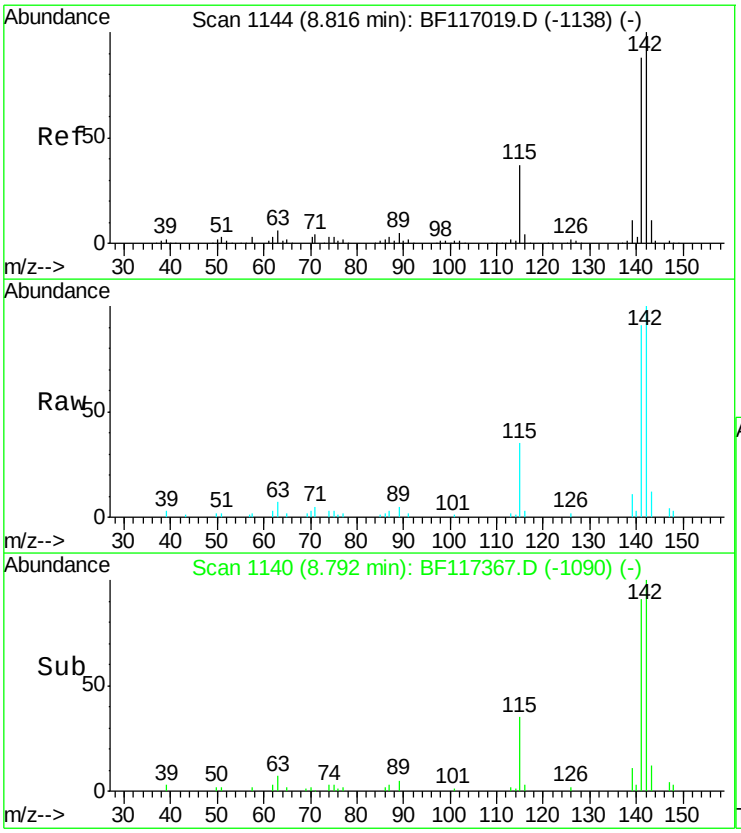
#31
Naphthalene
Concen: 2.641 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:128 Resp: 23082

Ion	Ratio	Lower	Upper
128	100		
129	17.2	9.0	13.4#
127	14.2	10.8	16.2

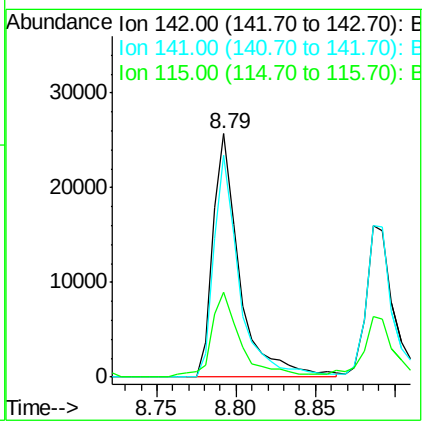


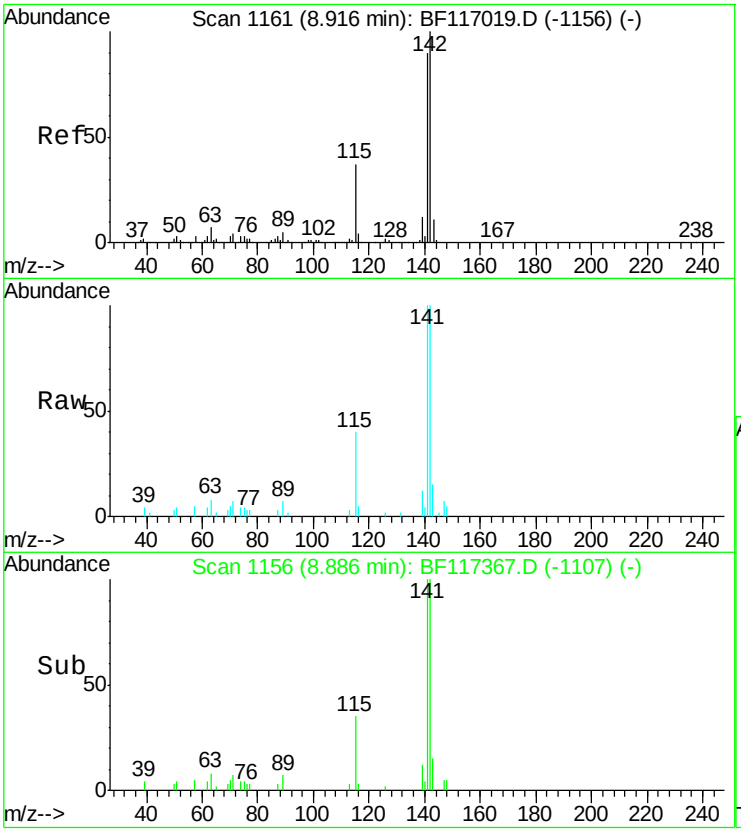


#37
2-Methylnaphthalene
Concen: 5.126 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion:142 Resp: 30165

Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.7	106.1
115	34.6	29.4	44.0



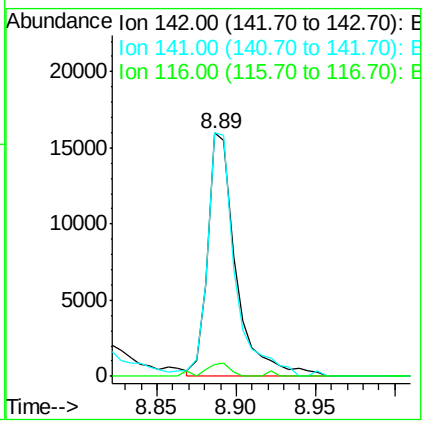


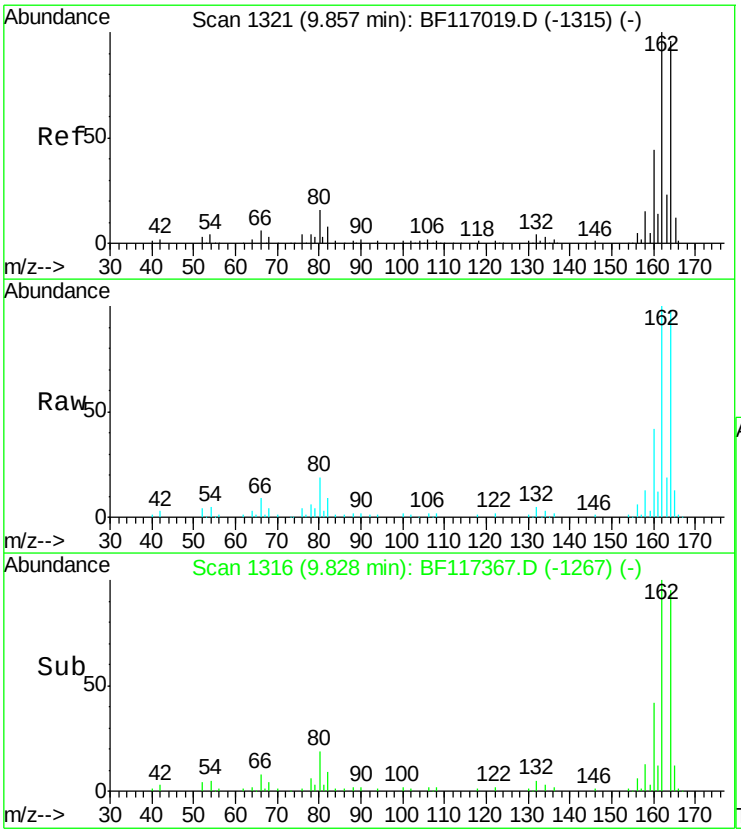
#38
1-Methylnaphthalene
Concen: 3.626 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:142 Resp: 19986

Ion	Ratio	Lower	Upper
142	100		
141	100.0	71.9	107.9
116	4.7	3.2	4.8

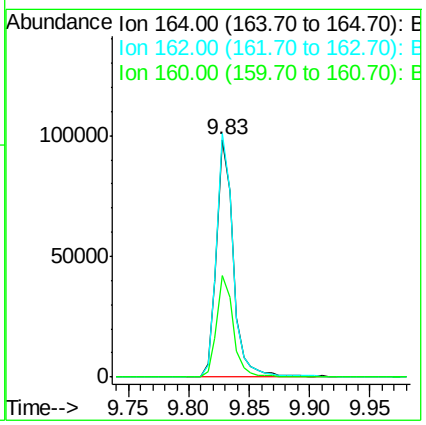


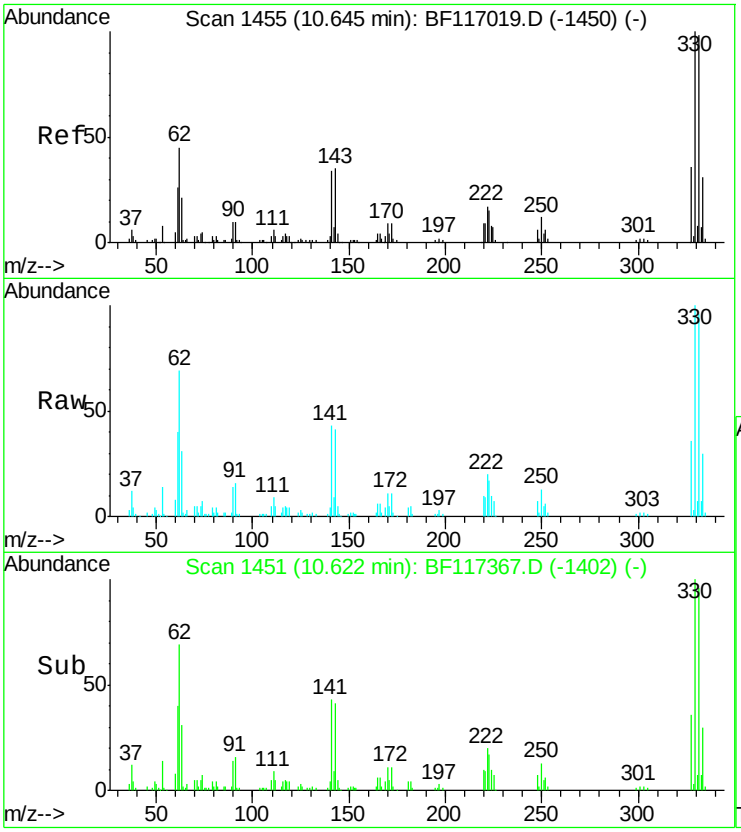


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion:164 Resp: 94464

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.4	125.2
160	42.6	36.4	54.6



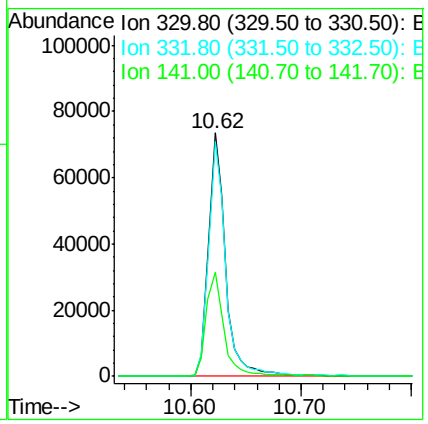


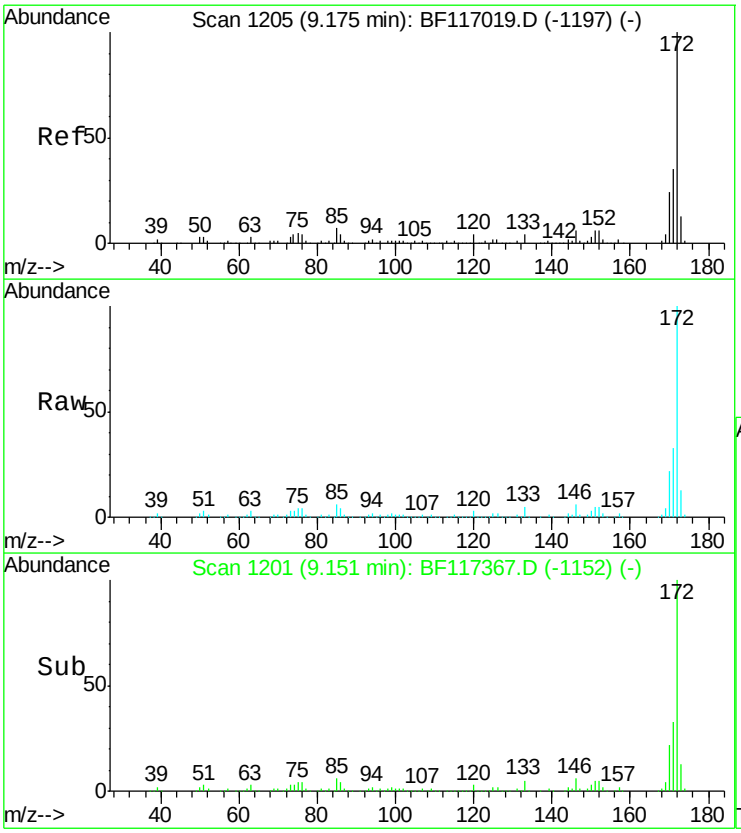
#42
2,4,6-Tribromophenol
Concen: 97.333 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:330 Resp: 76845

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	44.5	35.8	53.6

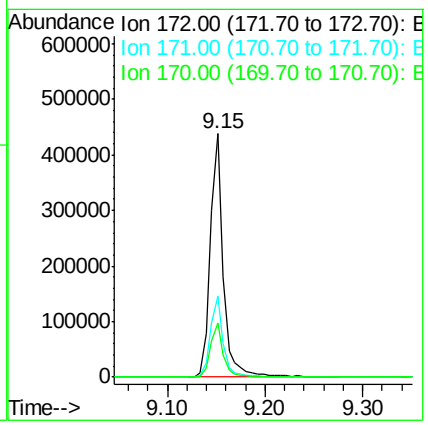


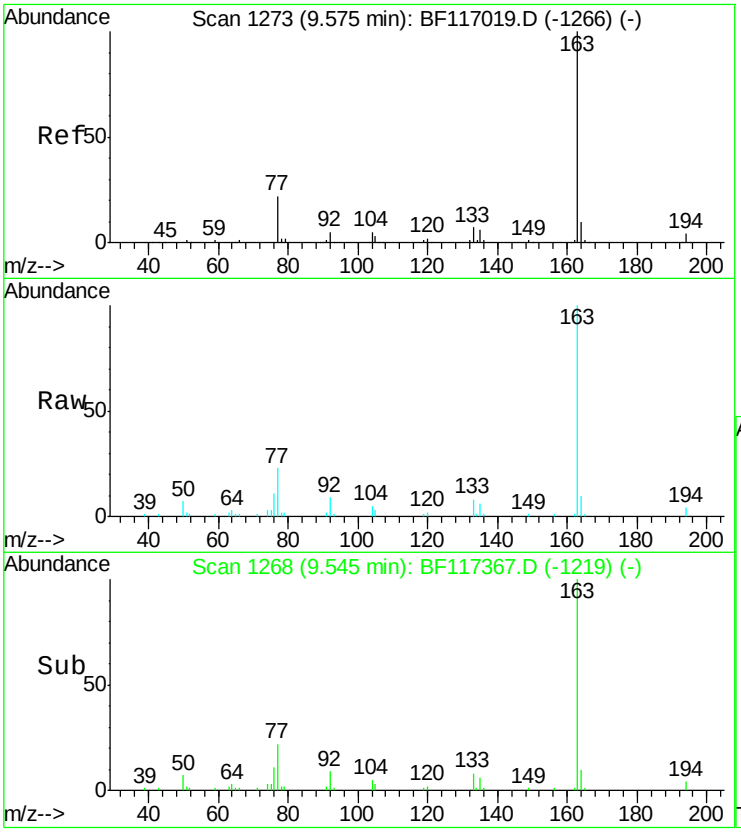


#45
2-Fluorobiphenyl
Concen: 66.870 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion:172 Resp: 403998

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.2	42.2
170	22.1	18.9	28.3



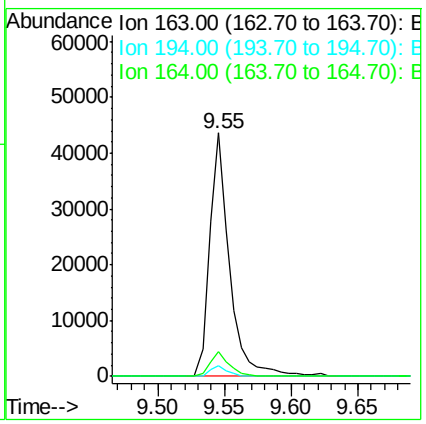


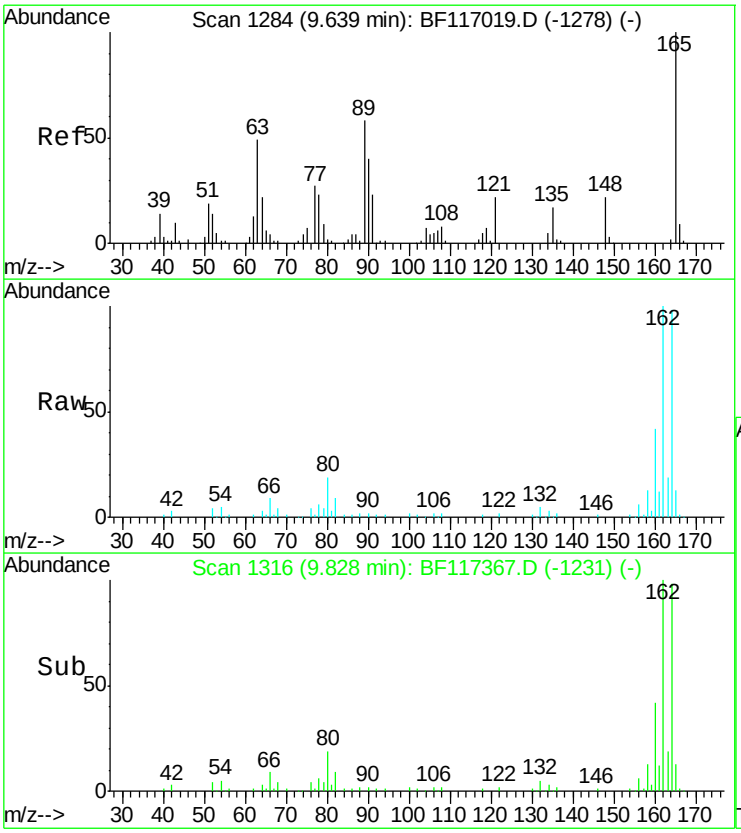
#50
Dimethylphthalate
Concen: 6.824 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:163 Resp: 45641

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.9	4.3
164	10.4	8.2	12.4

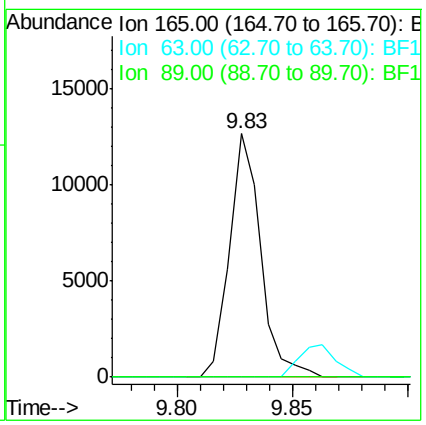


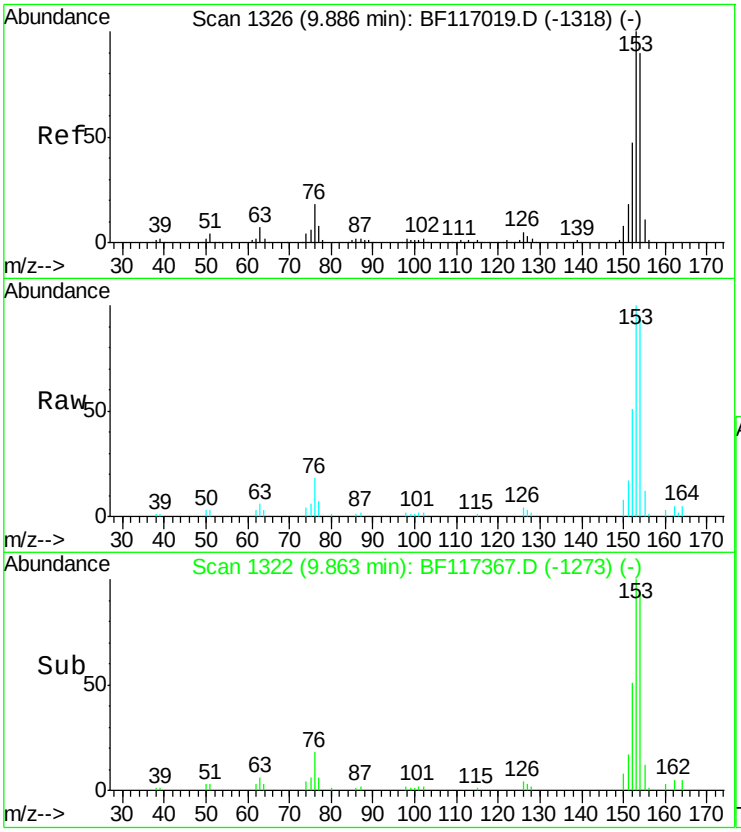


#51
2,6-Dinitrotoluene
Concen: 8.766 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.20 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion:165 Resp: 11942

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



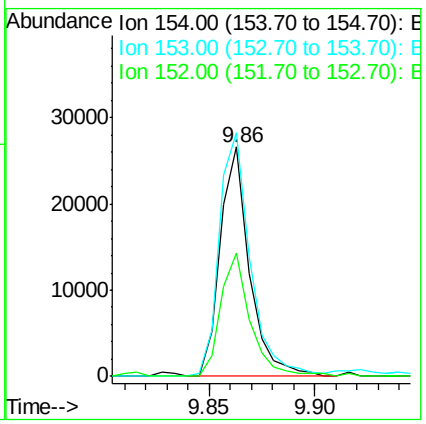


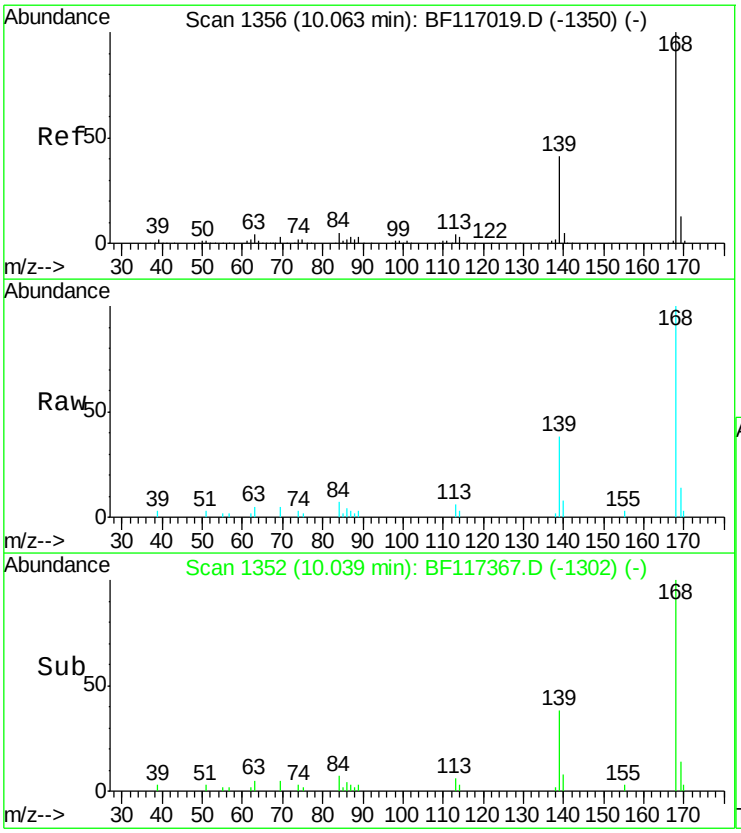
#52
Acenaphthene
Concen: 4.910 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:154 Resp: 25498

Ion	Ratio	Lower	Upper
154	100		
153	106.1	89.0	133.6
152	53.9	41.9	62.9

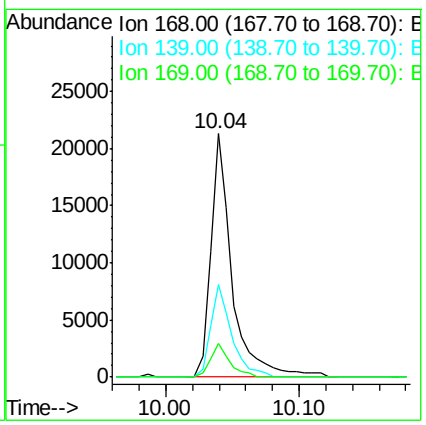


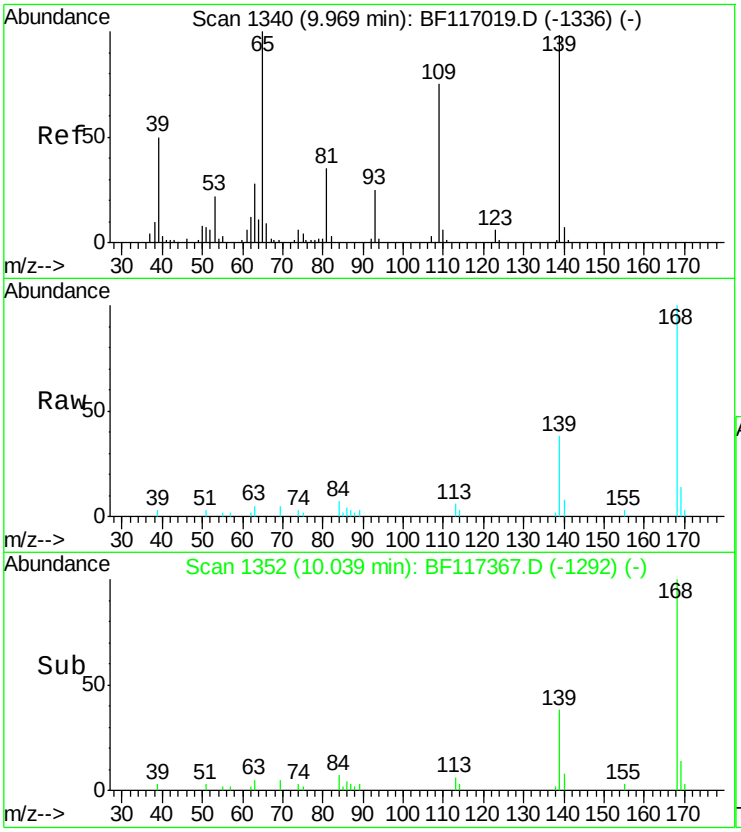


#55
Dibenzofuran
Concen: 3.088 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion:168 Resp: 23658

Ion	Ratio	Lower	Upper
168	100		
139	38.1	32.8	49.2
169	13.8	10.5	15.7



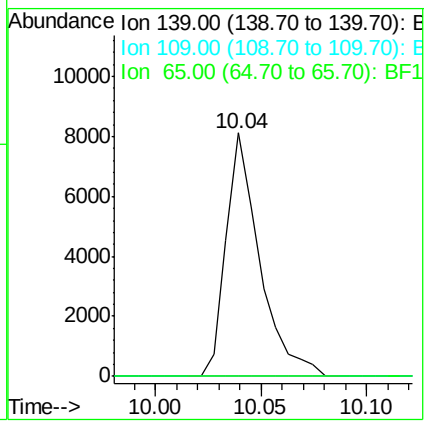


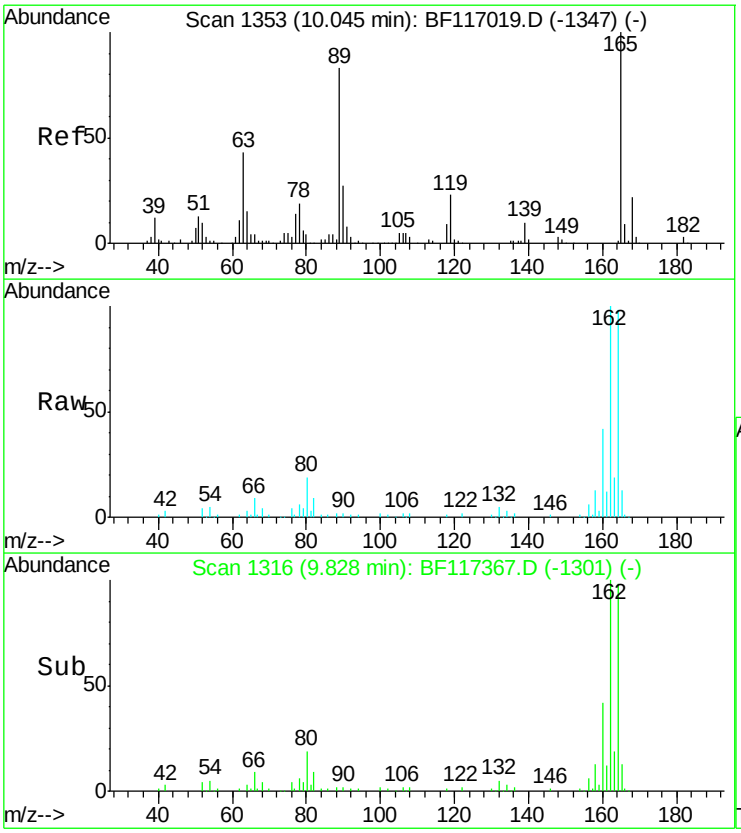
#56
4-Nitrophenol
Concen: 8.023 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.05 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:139 Resp: 8937

Ion	Ratio	Lower	Upper
139	100		
109	0.0	56.4	96.4#
65	0.0	82.5	122.5#

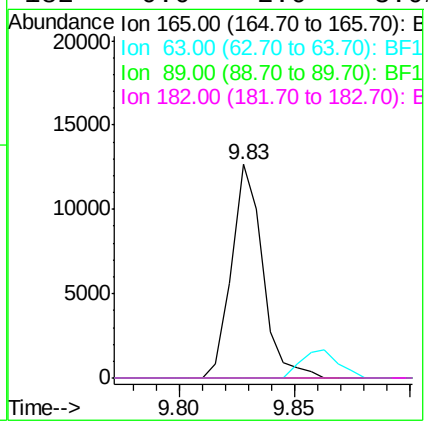


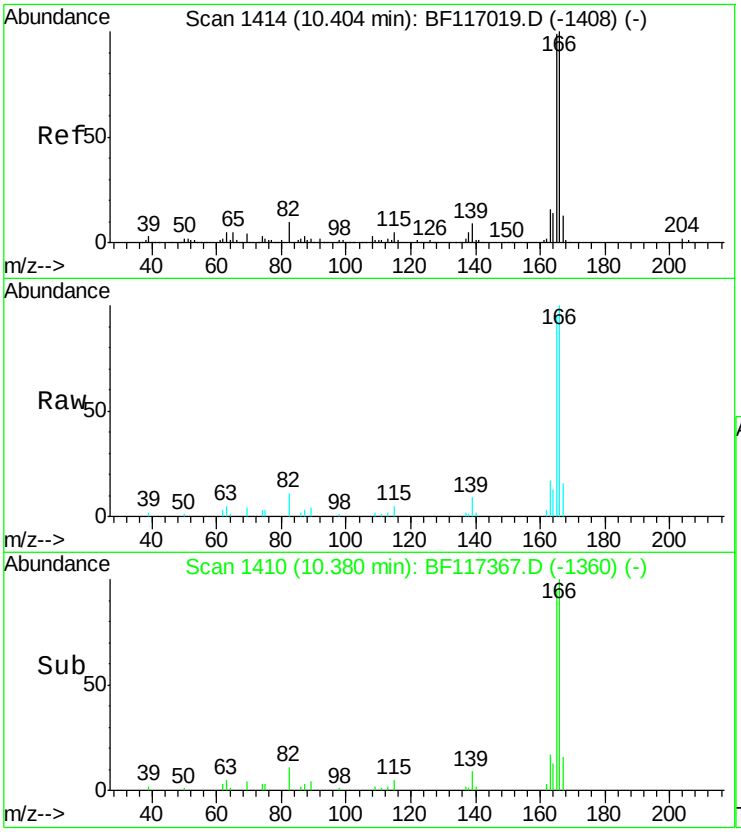


#57
2,4-Dinitrotoluene
Concen: 6.754 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion:165 Resp: 11942

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



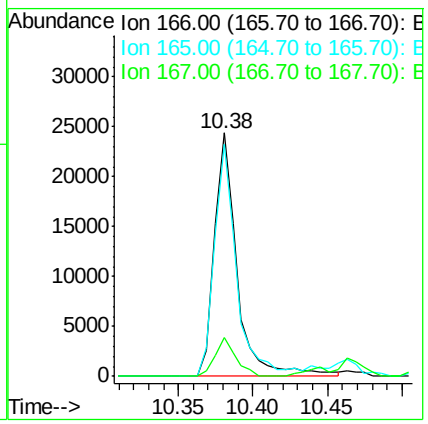


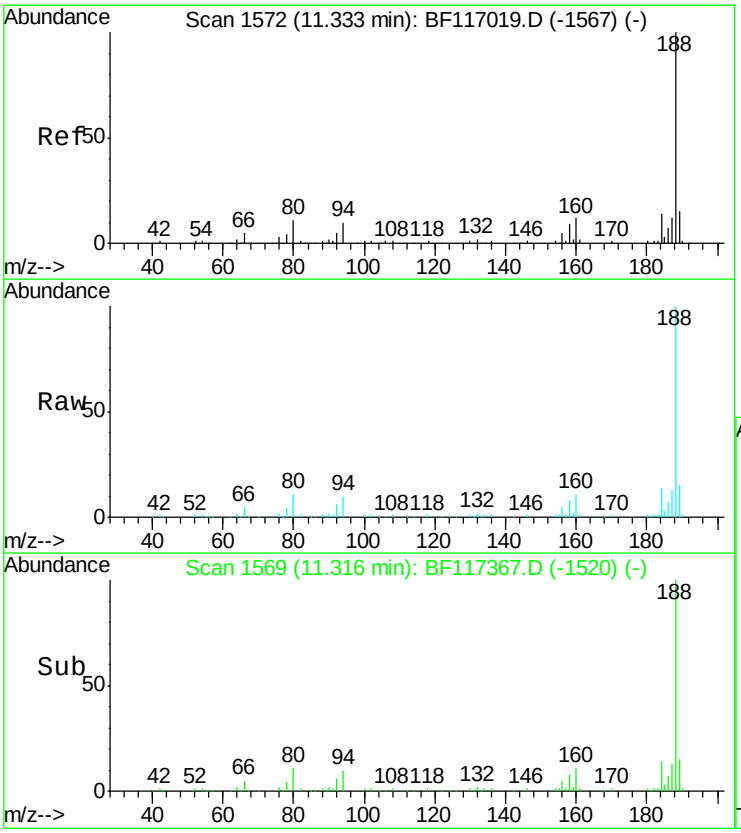
#58
Fluorene
Concen: 4.196 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:166 Resp: 25900

Ion	Ratio	Lower	Upper
166	100		
165	95.3	78.9	118.3
167	15.8	10.6	15.8#

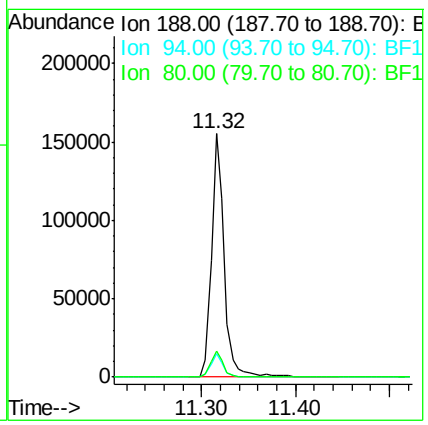


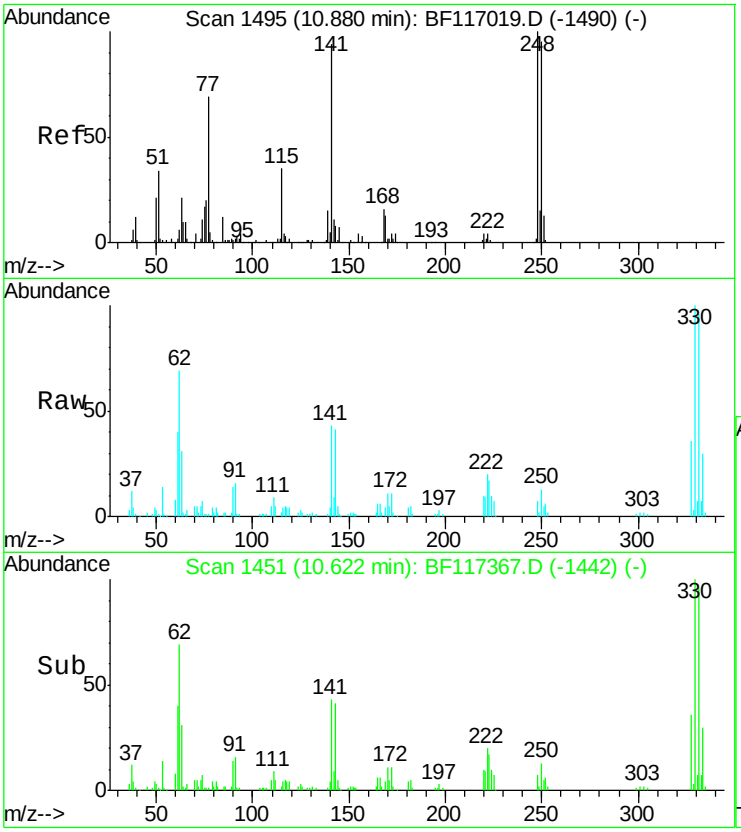


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion:188 Resp: 149077

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	10.8	9.0	13.6



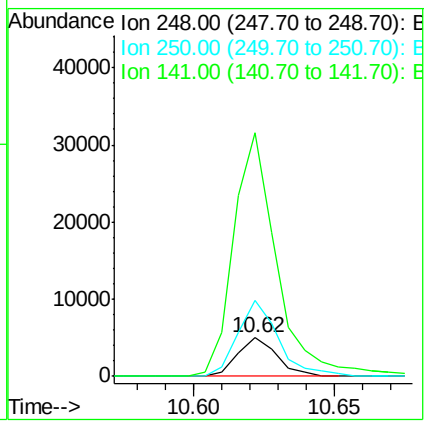


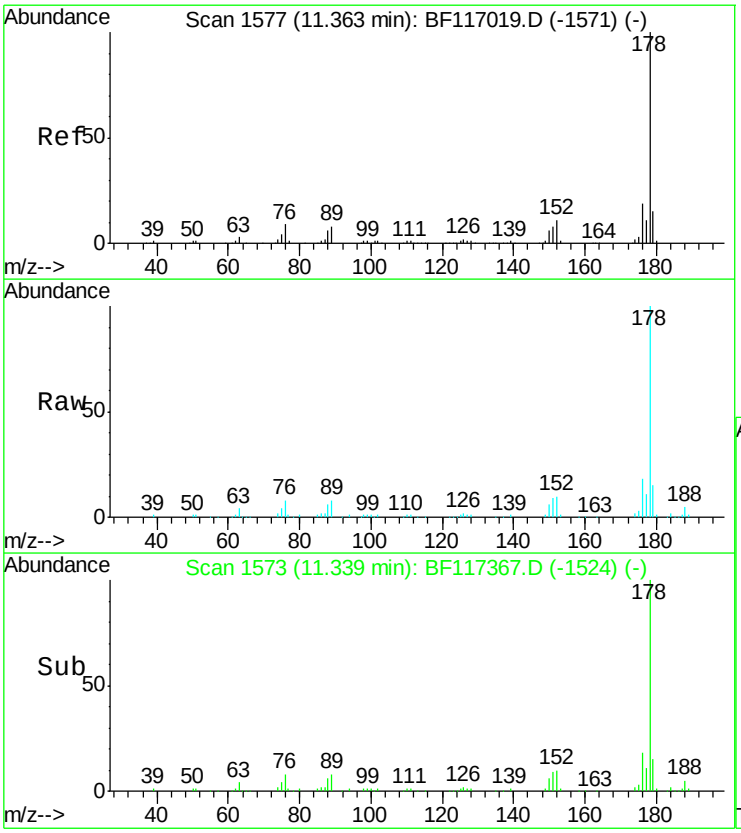
#67
4-Bromophenyl-phenylether
Concen: 3.190 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:248 Resp: 4857

Ion	Ratio	Lower	Upper
248	100		
250	197.6	76.2	114.4#
141	633.0	75.0	112.4#

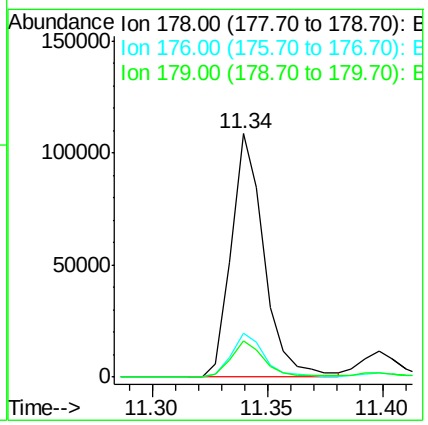


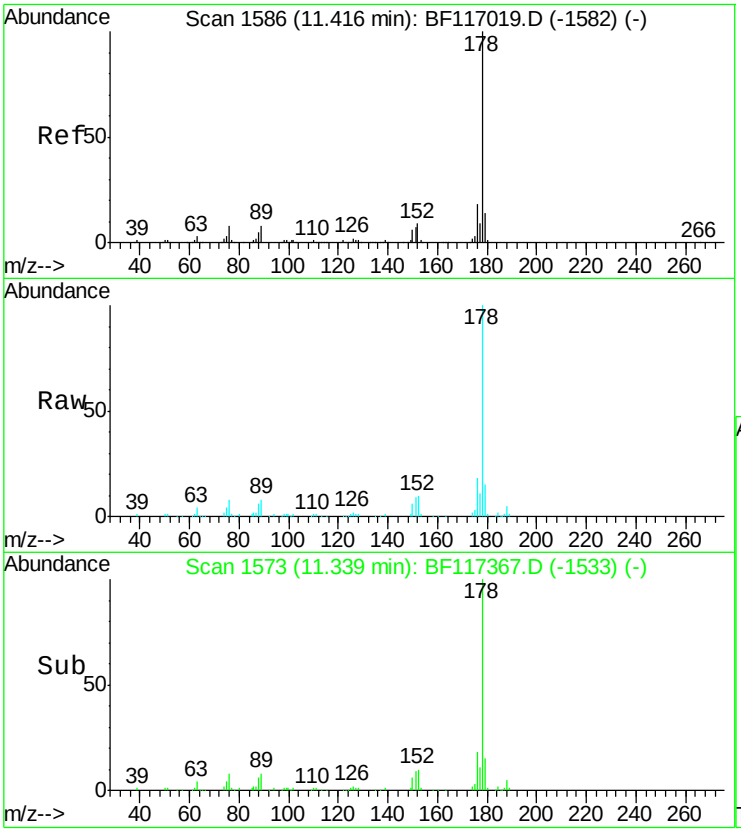


#71
Phenanthrene
Concen: 12.731 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion:178 Resp: 107804

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	15.0	12.4	18.6



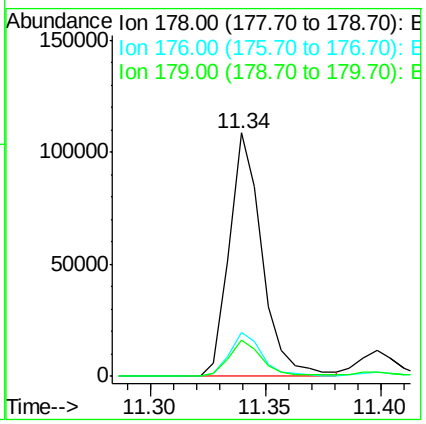


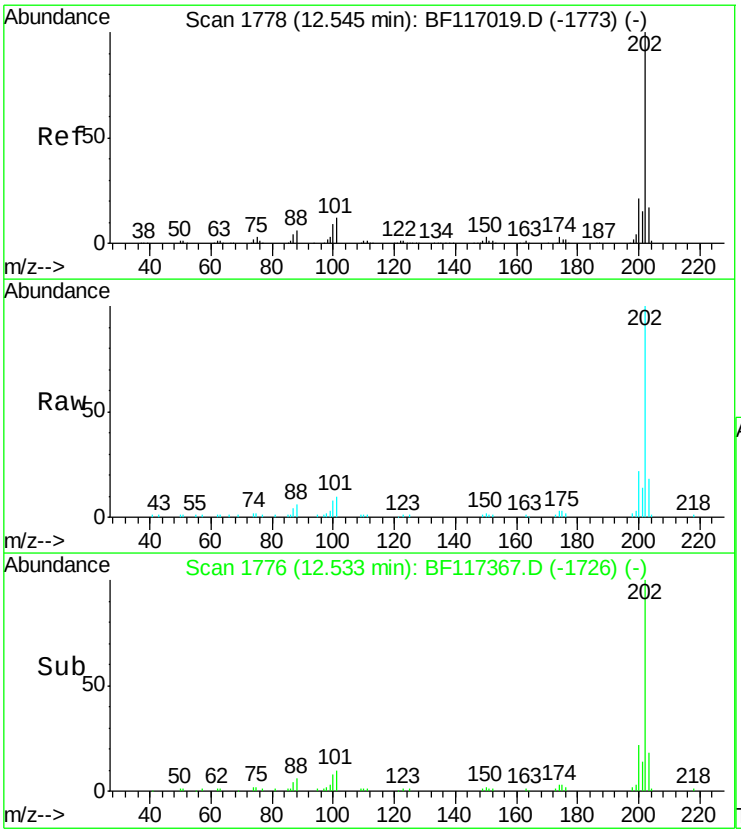
#72
Anthracene
Concen: 12.471 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.06 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:178 Resp: 107804

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.0	11.6	17.4

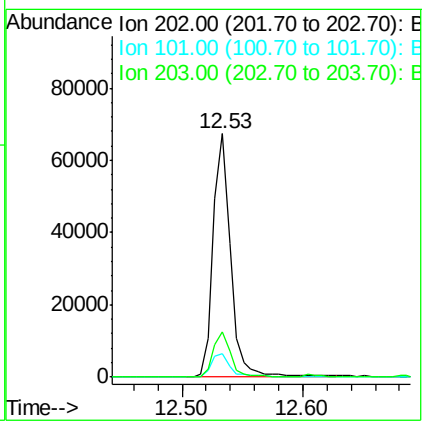


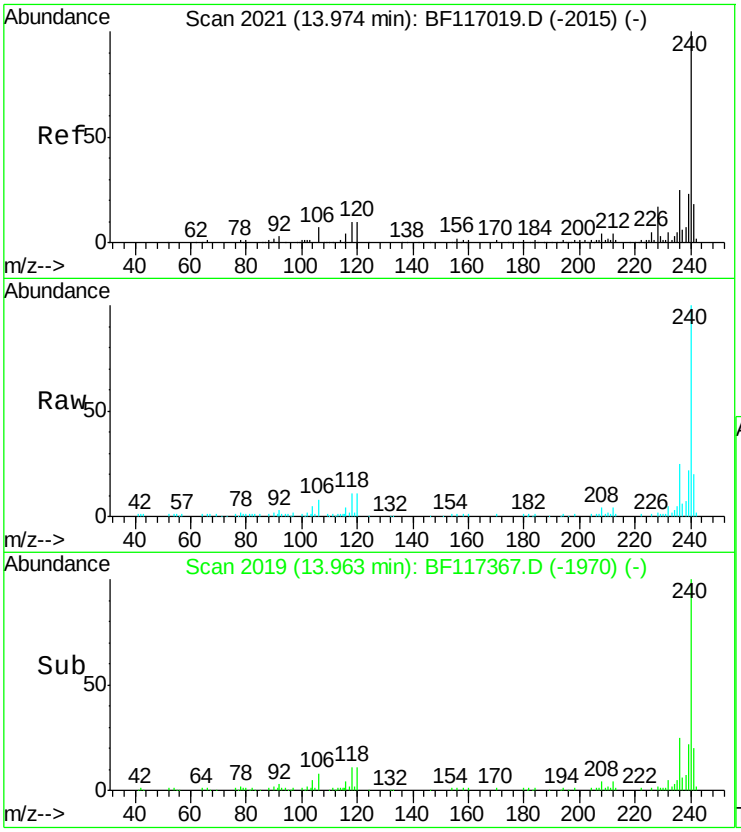


#75
Fluoranthene
Concen: 7.700 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion:202 Resp: 66995

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	32.3
203	18.3	0.0	37.1



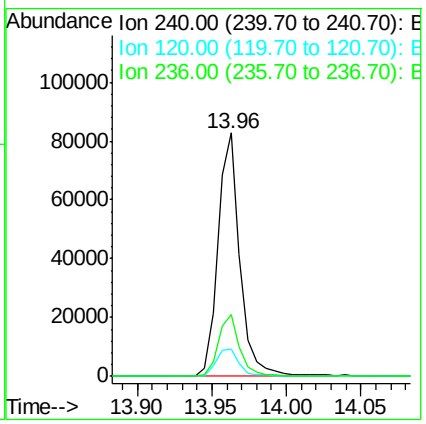


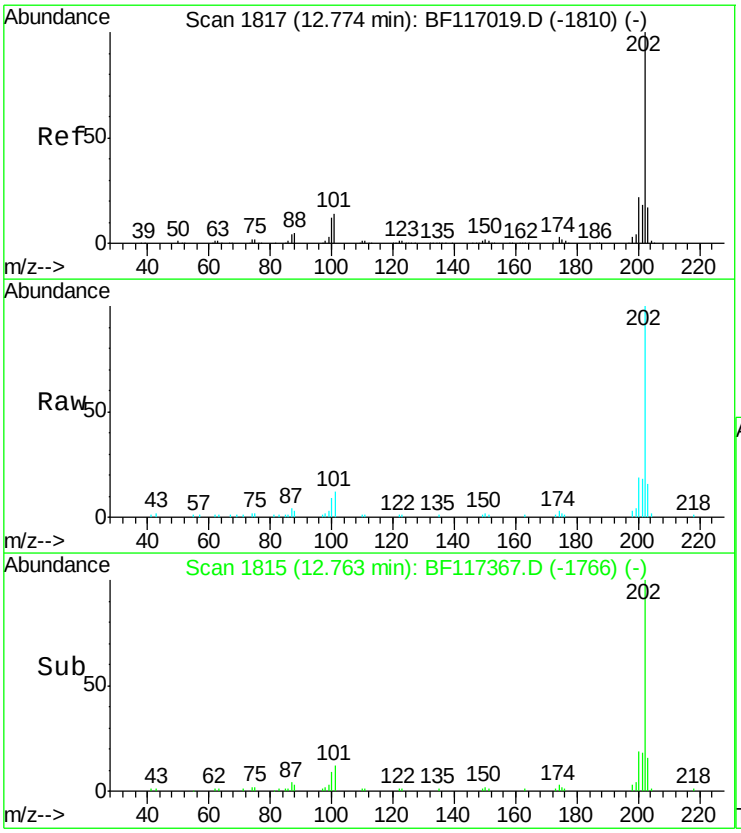
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:240 Resp: 85974

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.3	20.3	30.5

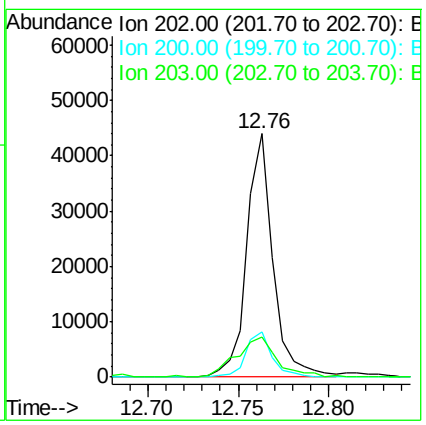


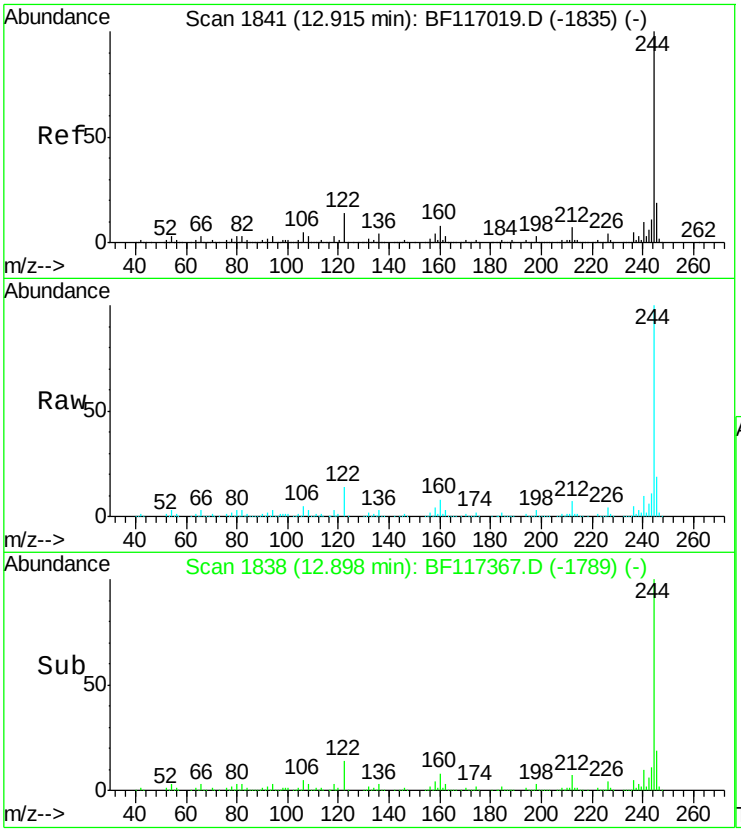


#78
Pyrene
Concen: 6.137 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion:202 Resp: 44271

Ion	Ratio	Lower	Upper
202	100		
200	18.8	17.2	25.8
203	16.4	14.0	21.0



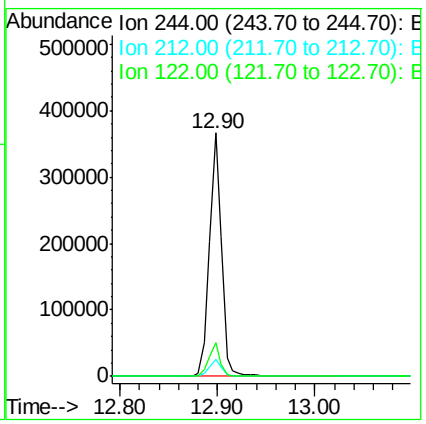


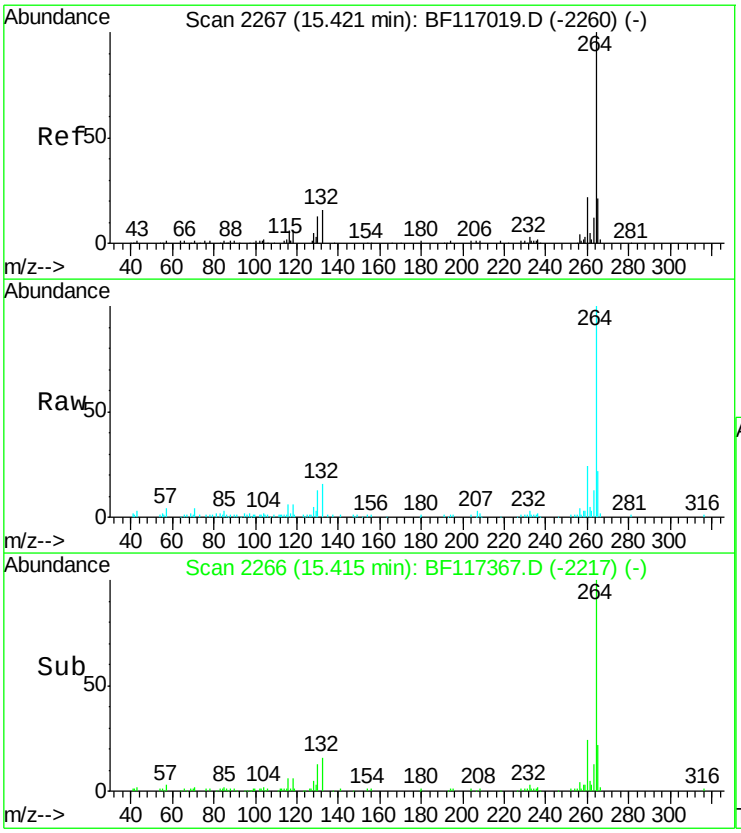
#79
Terphenyl-d14
Concen: 68.614 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:244 Resp: 315586

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.6	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117367.D
Acq: 10 Oct 2019 18:29

Tgt Ion:264 Resp: 98624

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.6	26.4
265	22.1	16.6	24.8