Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115574.D
Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 16 01:46:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	205153	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	752742	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	353843	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	583917	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	363986	20.00	ng		-0.02
87) Perylene-d12	15.50	264	401697	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	602537	48.04	ng		0.00
7) Phenol-d6	6.50	99	789535	49.61	ng		-0.01
23) Nitrobenzene-d5	7.43	82	471013	36.38	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	187707	45.45	ng		-0.01
45) 2-Fluorobiphenyl	9.24	172	844845	41.79	ng		-0.01
79) Terphenyl-d14	12.98	244	613734	31.11	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	61395	5.915	ng	#	80
25) Isophorone	7.43	82	460527	17.778	ng	#	64
50) Dimethylphthalate	9.63	163	98893	3.715	ng		99
51) 2,6-Dinitrotoluene	9.92	165	47325	7.822	ng	#	27
57) 2,4-Dinitrotoluene	9.92	165	47643	6.078	ng	#	24
71) Phenanthrene	11.42	178	186308	6.225	ng		96
75) Fluoranthene	12.61	202	182163	5.759	ng		99
78) Pyrene	12.84	202	221088	7.169	ng		97
81) Benzo(a)anthracene	14.02	228	89634	3.738	ng		98
83) Chrysene	14.06	228	95245	3.957	ng		96
88) Benzo(b)fluoranthene	15.07	252	115037	4.447	ng	#	92
89) Benzo(k)fluoranthene	15.07	252	115037	4.988	ng	#	94
90) Benzo(a)pyrene	15.44	252	70130	3.155	ng	#	95
92) Benzo(g,h,i)perylene	17.42	276	39970	2.053	ng	#	93

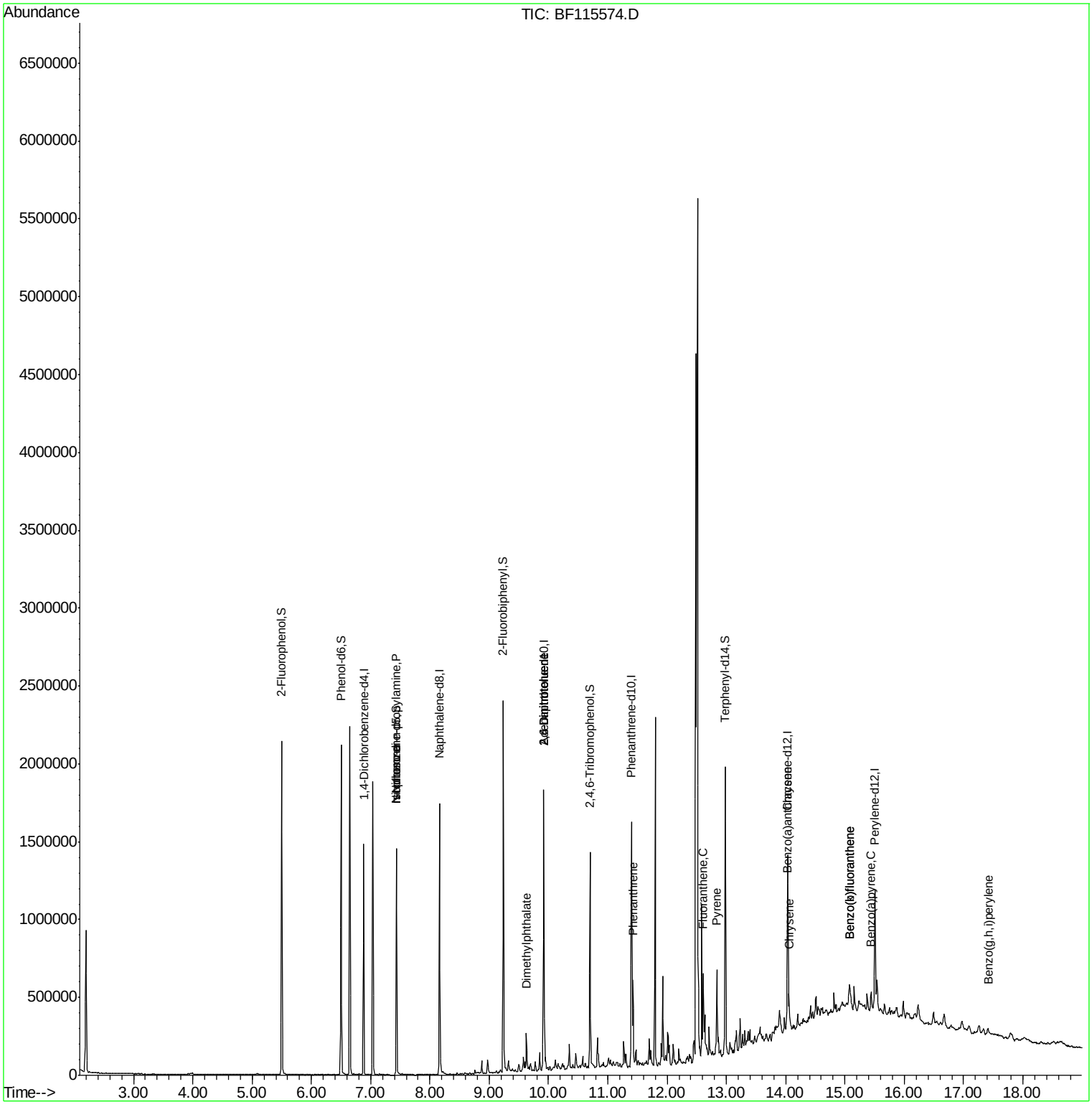
(#) = qualifier out of range (m) = manual integration (+) = signals summed

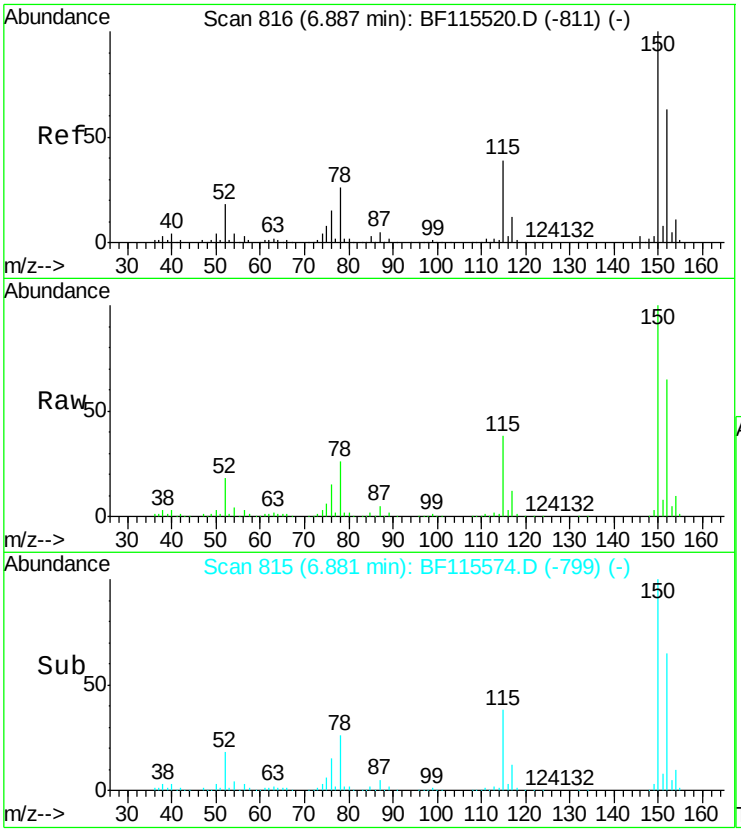
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115574.D
Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 16 01:46:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



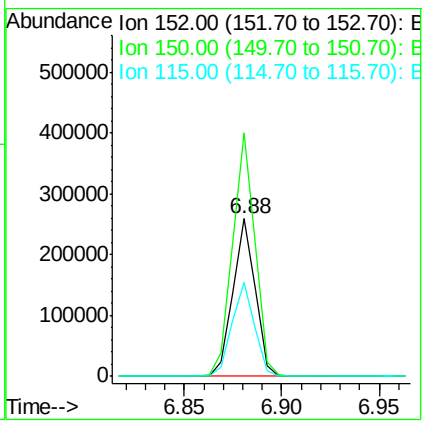


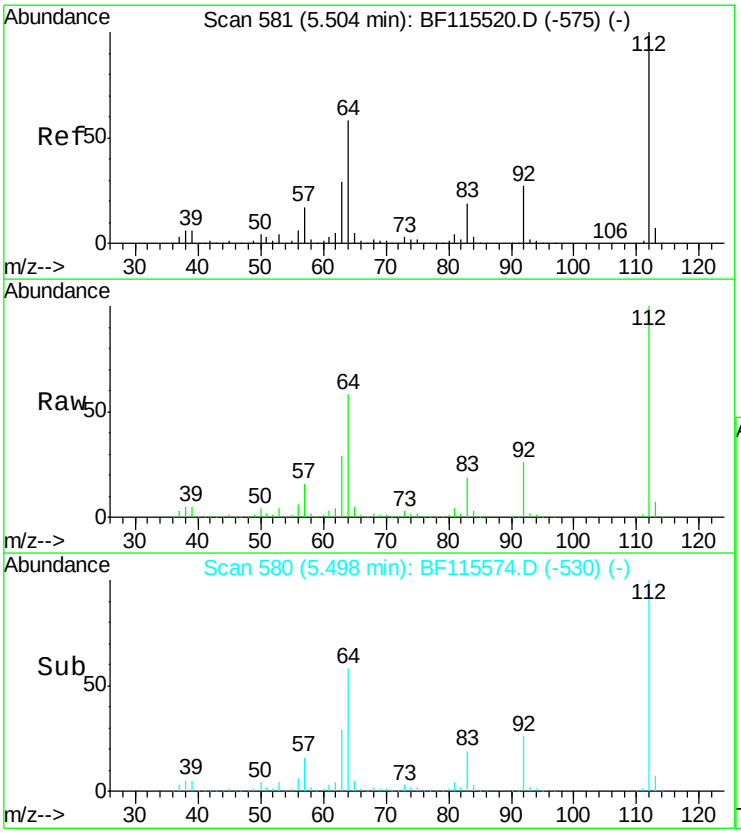
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 205153

Ion	Ratio	Lower	Upper
152	100		
150	154.7	129.7	194.5
115	59.5	48.2	72.4

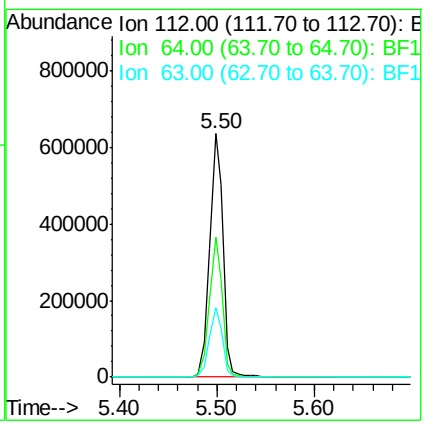


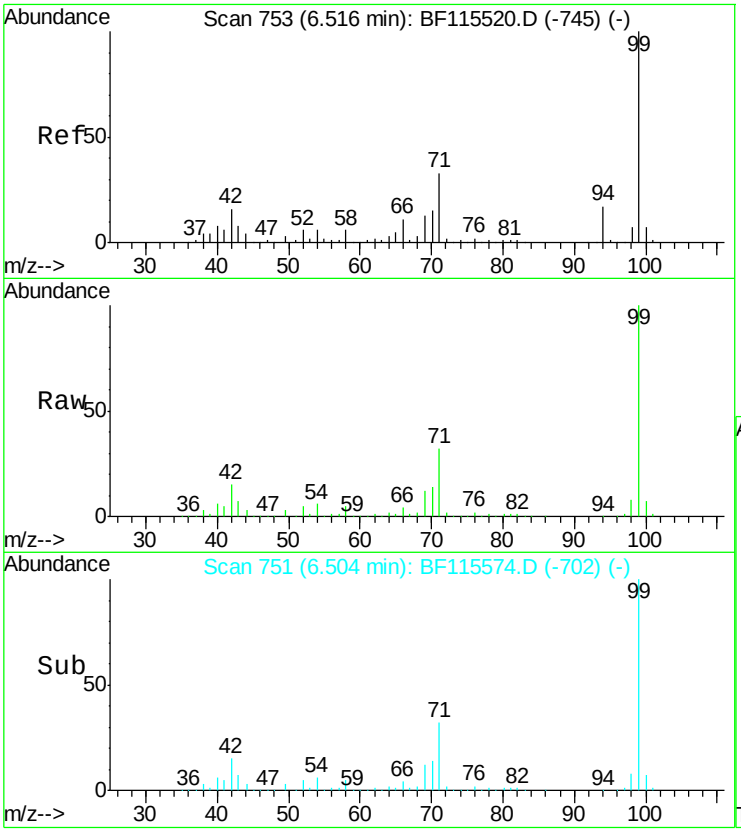


#5
2-Fluorophenol
Concen: 48.041 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion:112 Resp: 602537

Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.8	70.2
63	28.8	24.1	36.1



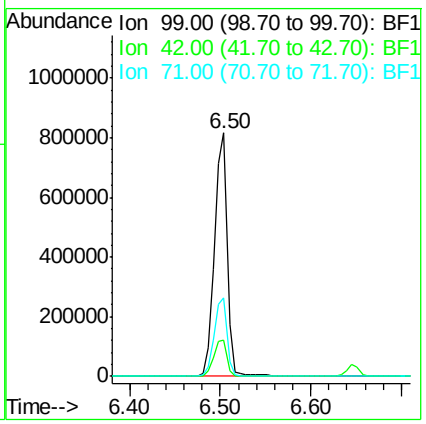


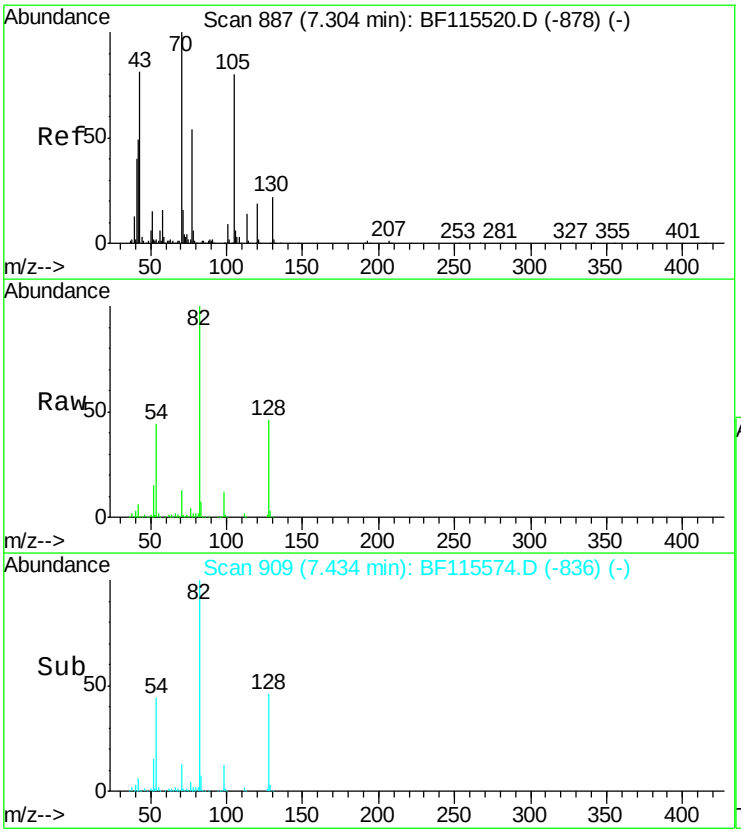
#7
Phenol-d6
Concen: 49.611 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 789535

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.6	20.4
71	32.2	28.5	42.7

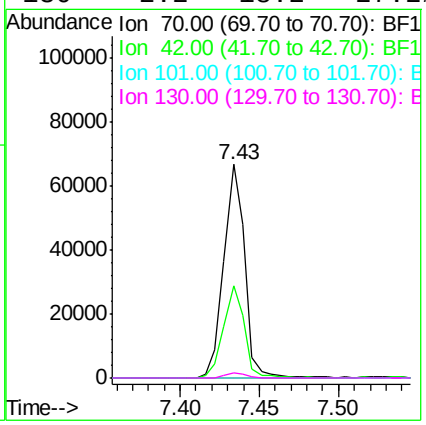


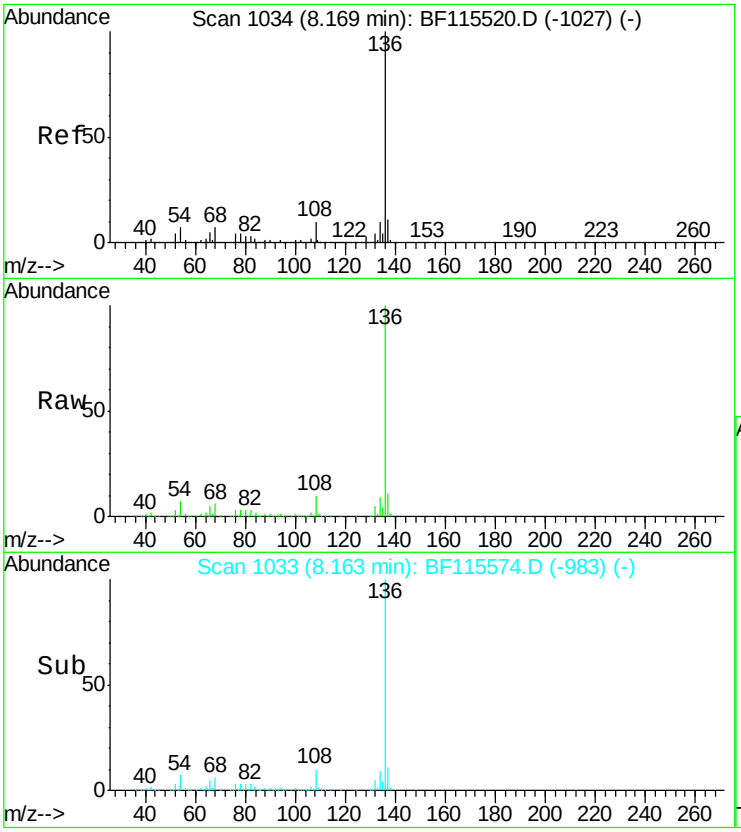


#19
n-Nitroso-di-n-propylamine
Concen: 5.915 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.13 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion: 70 Resp: 61395

Ion	Ratio	Lower	Upper
70	100		
42	43.5	39.6	59.4
101	0.0	8.1	12.1#
130	2.2	18.2	27.2#



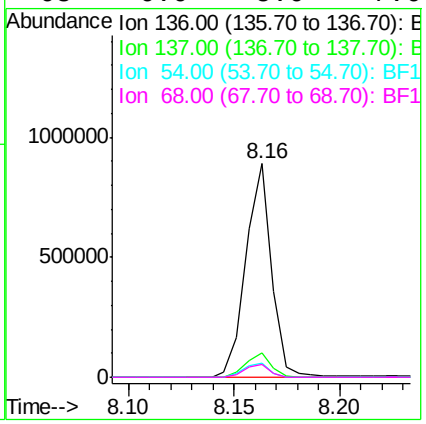


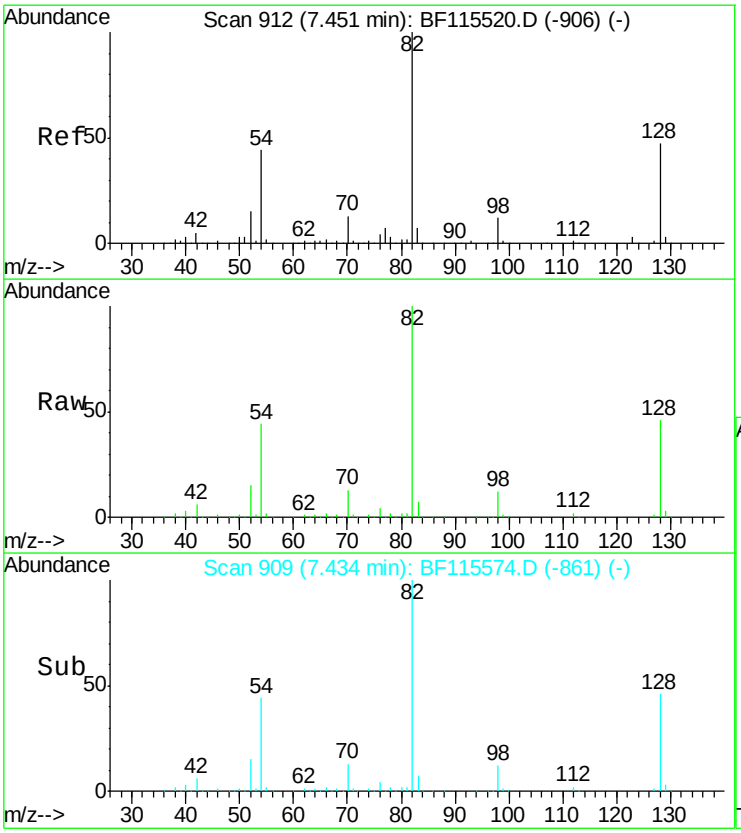
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 752742

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.7	5.6	8.4
68	6.0	5.0	7.6

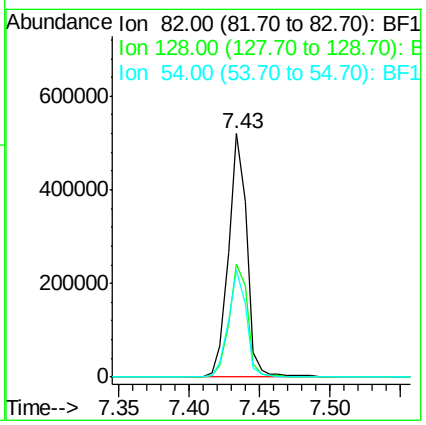


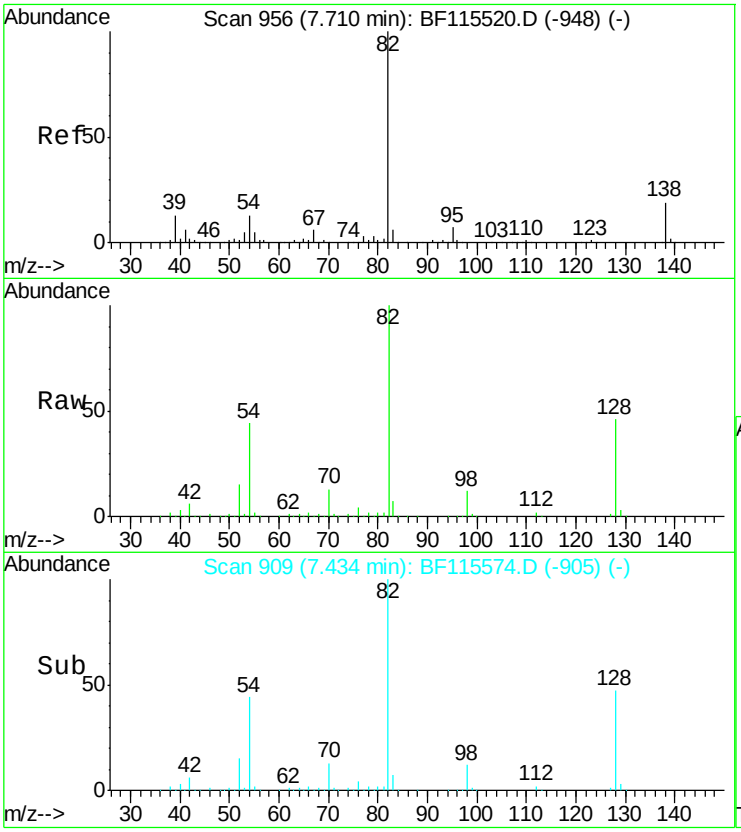


#23
Nitrobenzene-d5
Concen: 36.384 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion: 82 Resp: 471013

Ion	Ratio	Lower	Upper
82	100		
128	46.5	38.6	57.8
54	43.8	35.6	53.4



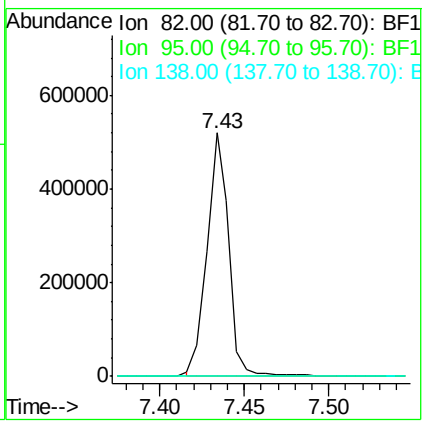


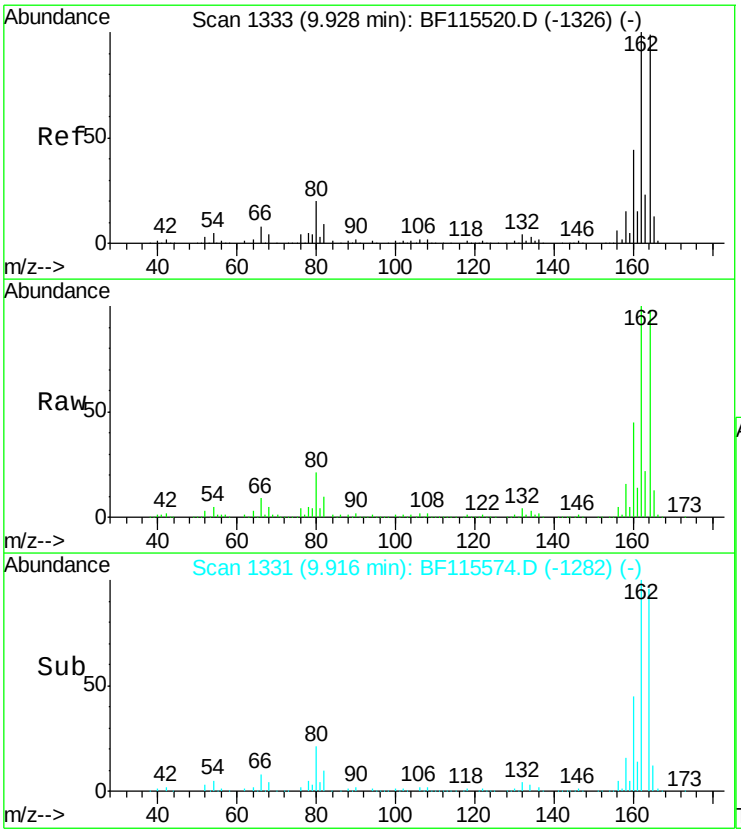
#25
Isophorone
Concen: 17.778 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 460527

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.9	22.3#

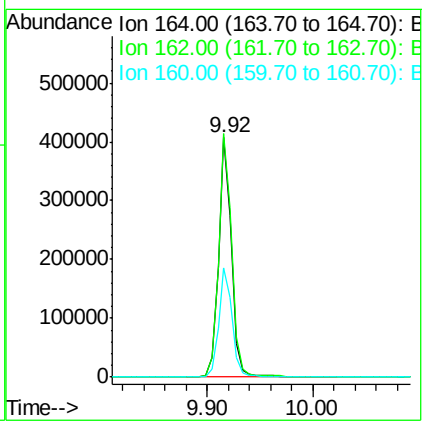


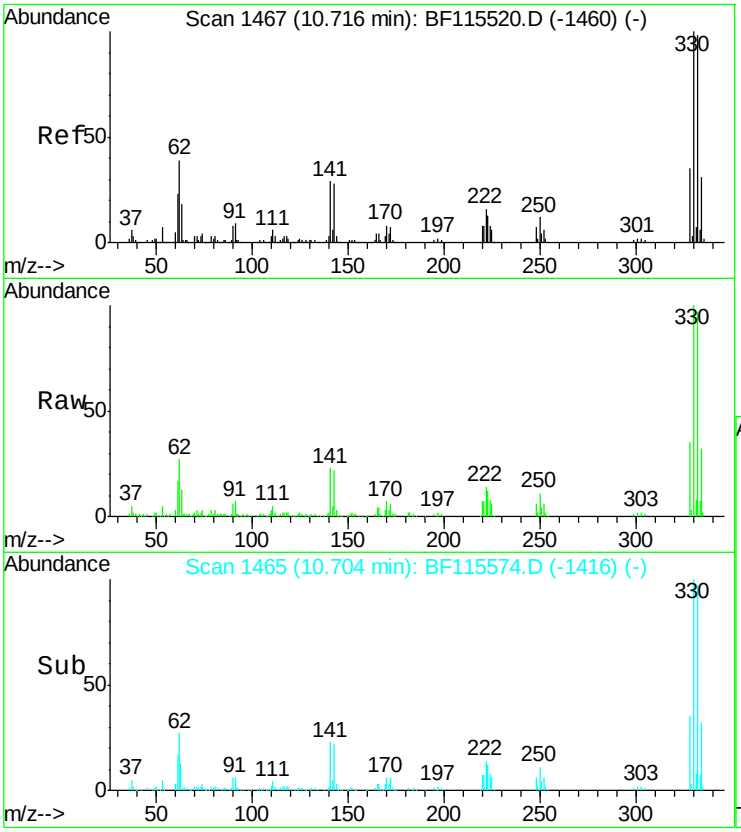


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion:164 Resp: 353843

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.9	124.3
160	45.7	36.8	55.2



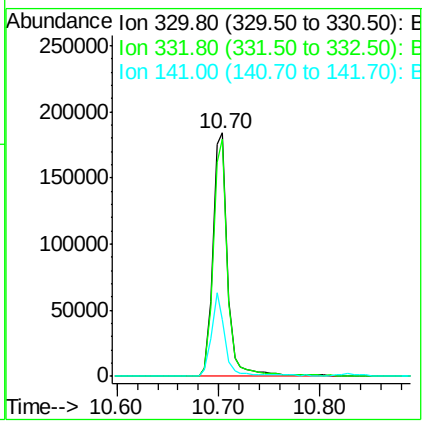


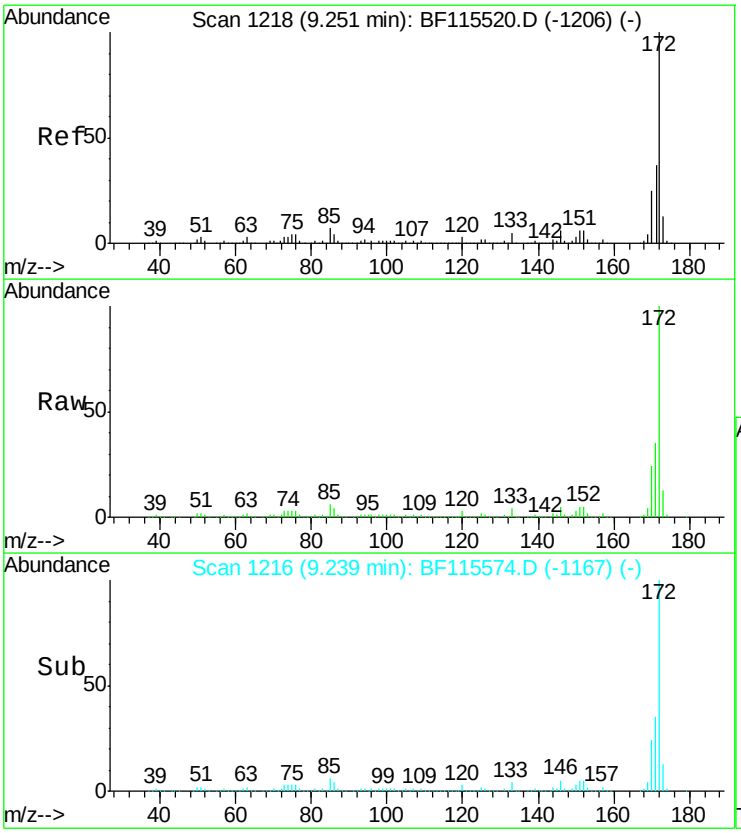
#42
2,4,6-Tribromophenol
Concen: 45.447 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 187707

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	30.5	22.4	33.6

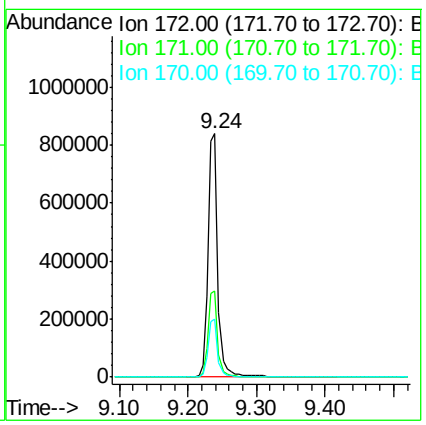


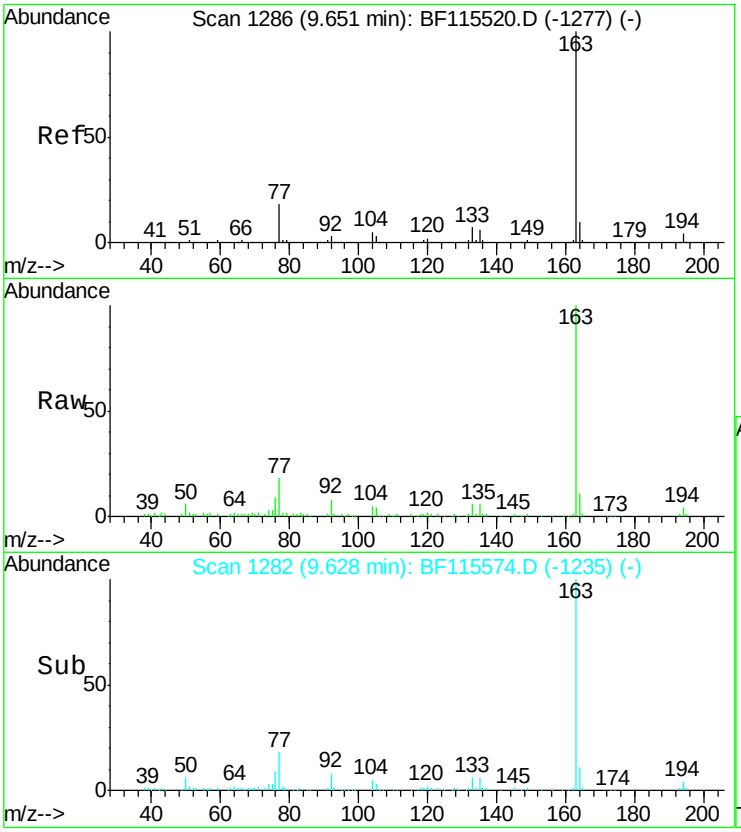


#45
2-Fluorobiphenyl
Concen: 41.790 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion:172 Resp: 844845

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.6	46.0
170	23.8	20.5	30.7



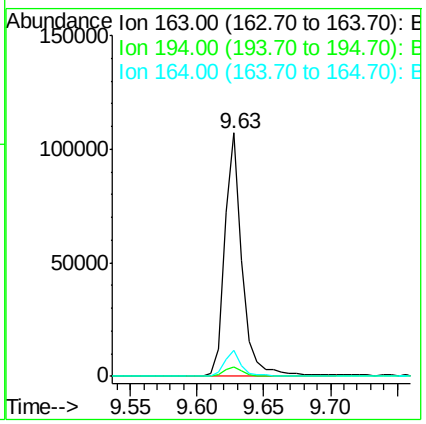


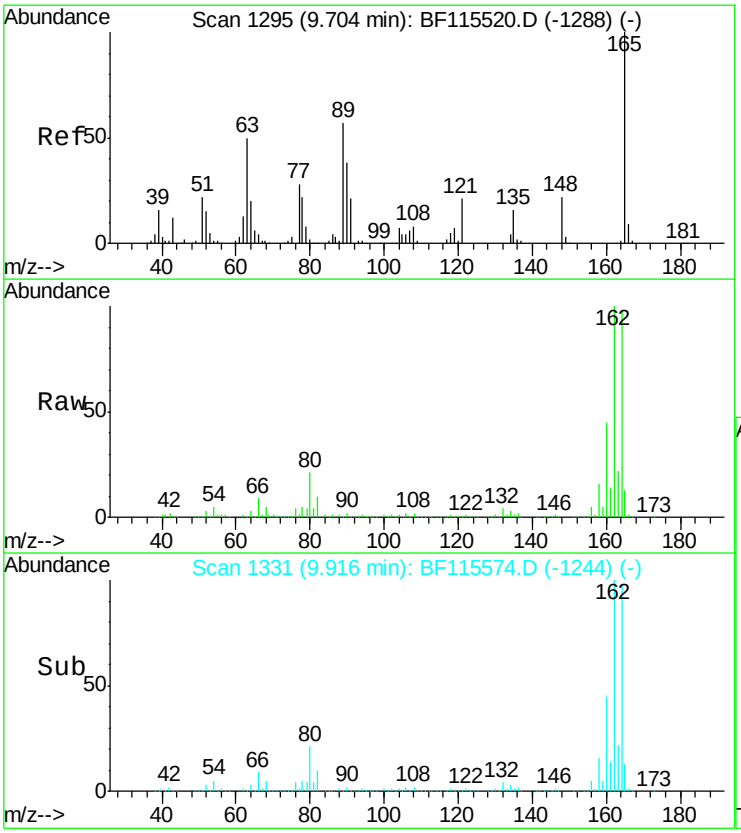
#50
Dimethylphthalate
Concen: 3.715 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 98893

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.7	8.7	13.1

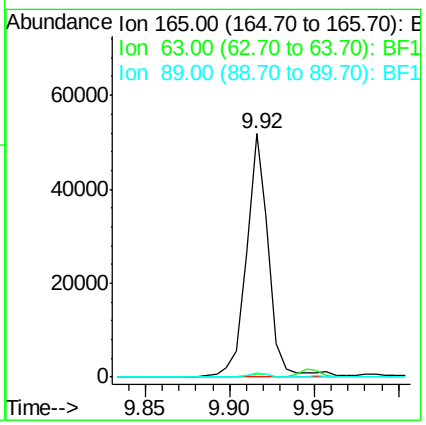


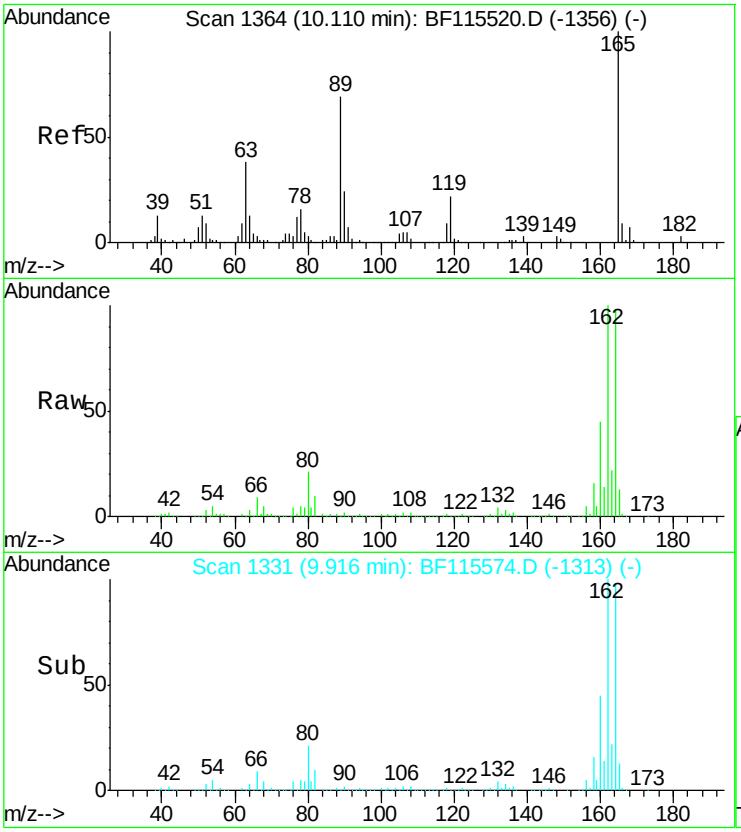


#51
2,6-Dinitrotoluene
Concen: 7.822 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion:165 Resp: 47325

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.6	61.0#
89	1.7	43.9	65.9#



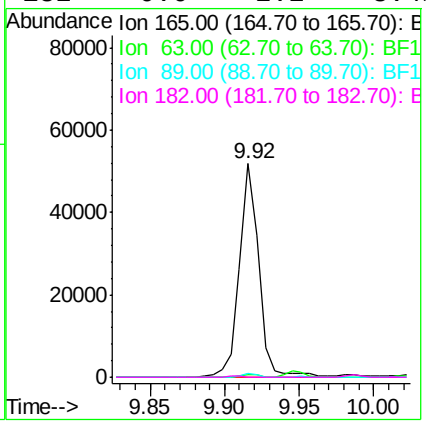


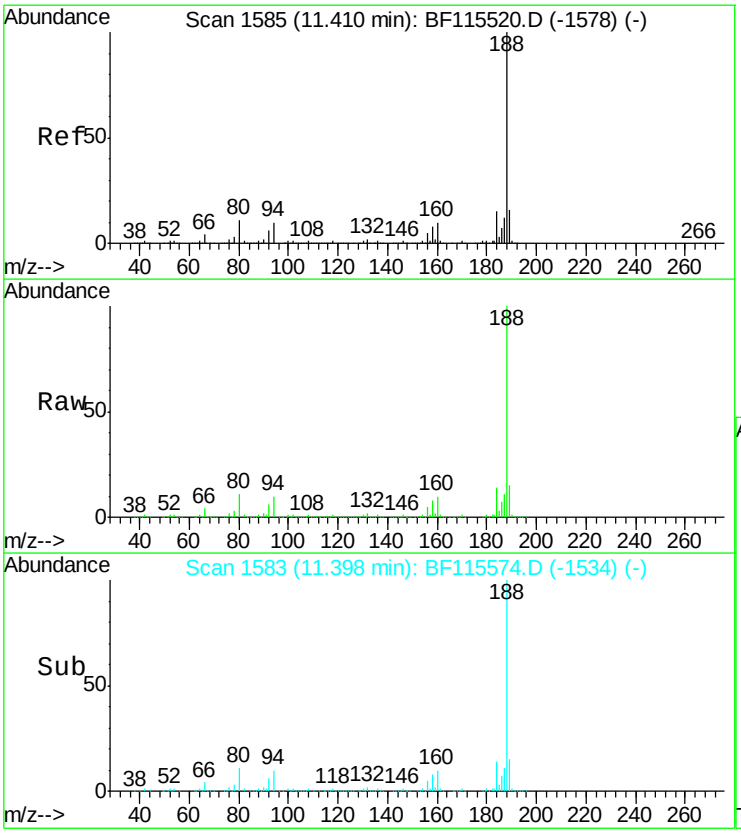
#57
2,4-Dinitrotoluene
Concen: 6.078 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 47643

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.9	52.3#
89	1.7	57.5	86.3#
182	0.0	2.2	3.4#

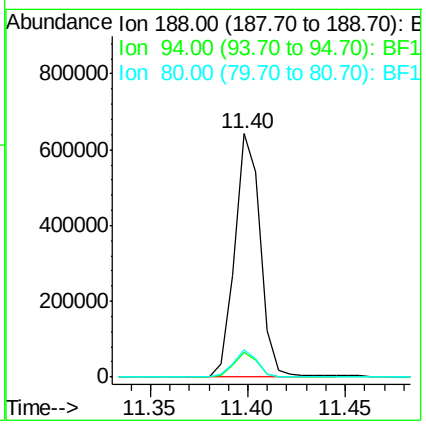


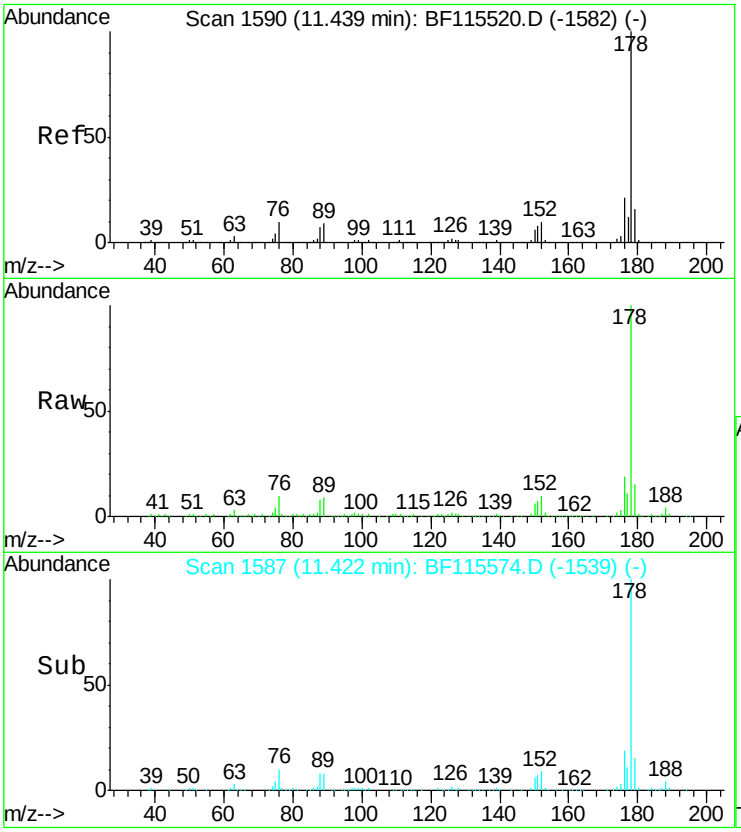


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion:188 Resp: 583917

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	11.1	8.6	13.0



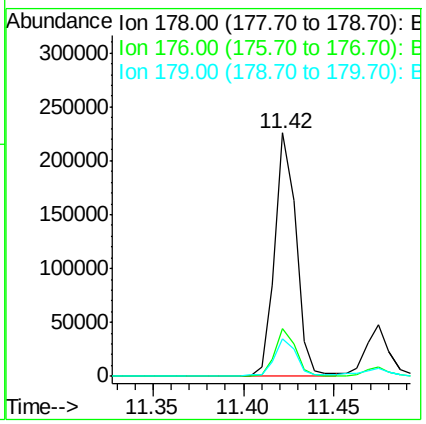


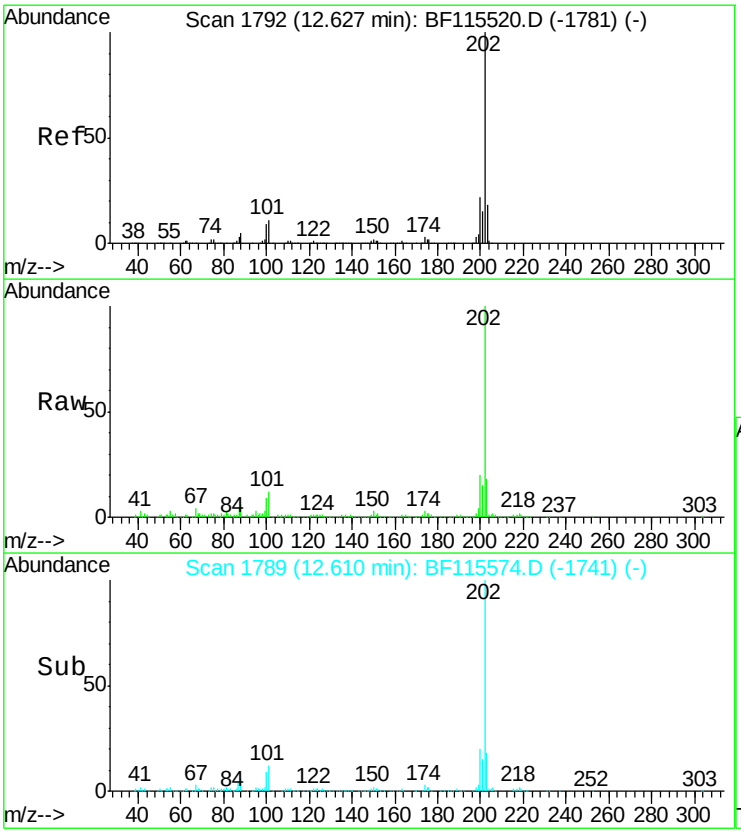
#71
Phenanthrene
Concen: 6.225 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 186308

Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.2	25.8
179	15.4	13.5	20.3

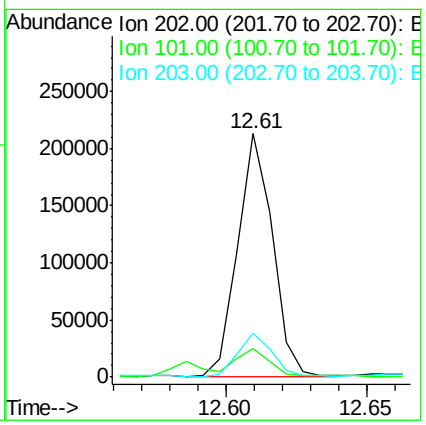


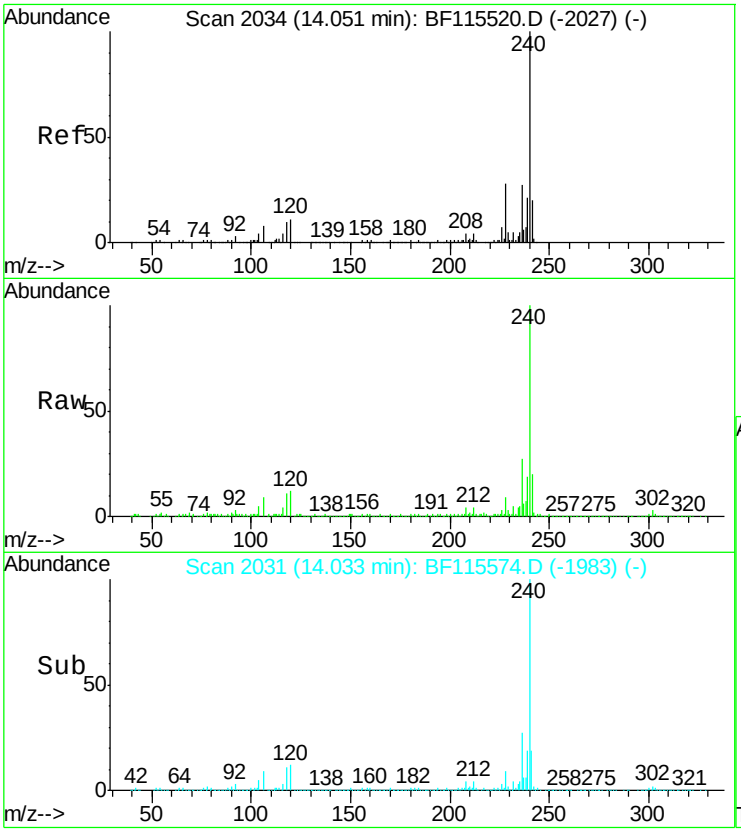


#75
Fluoranthene
Concen: 5.759 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion:202 Resp: 182163

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.4
203	17.9	0.0	38.1



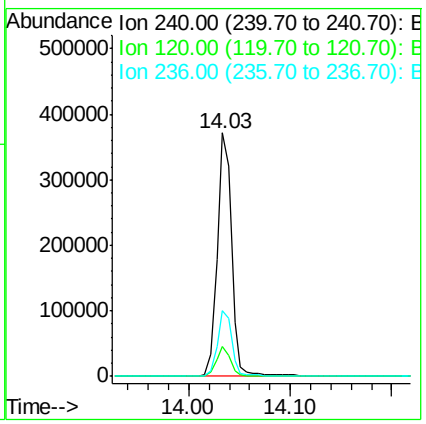


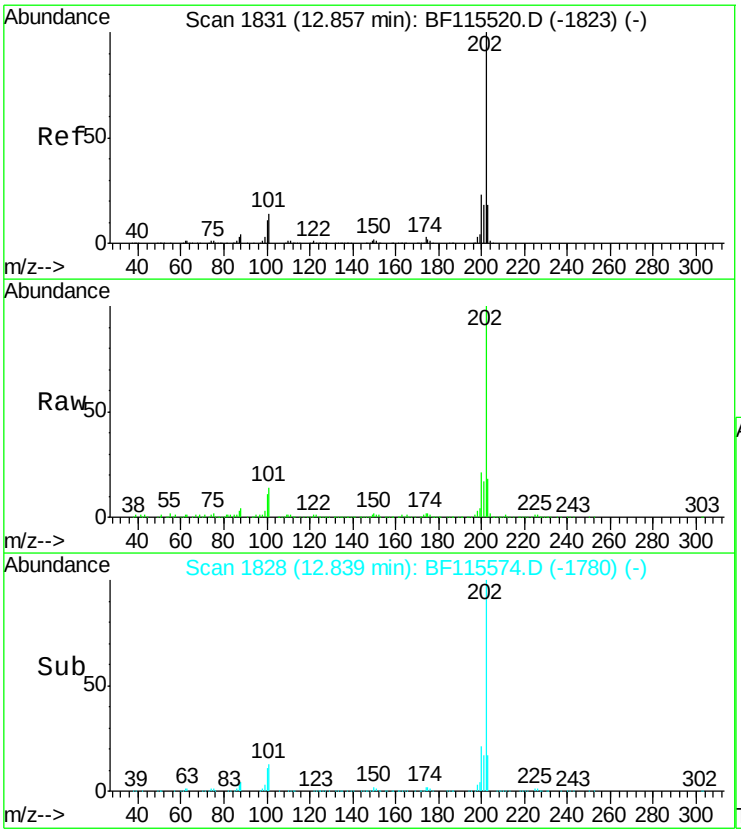
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 363986

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.6	13.0
236	26.8	21.3	31.9

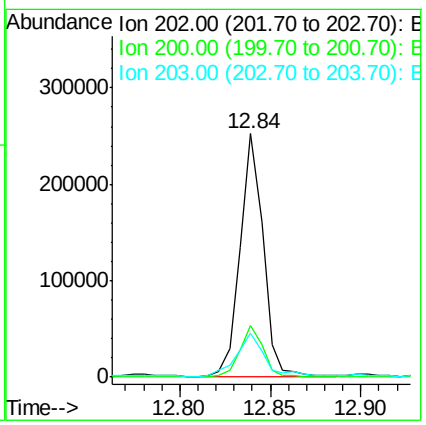


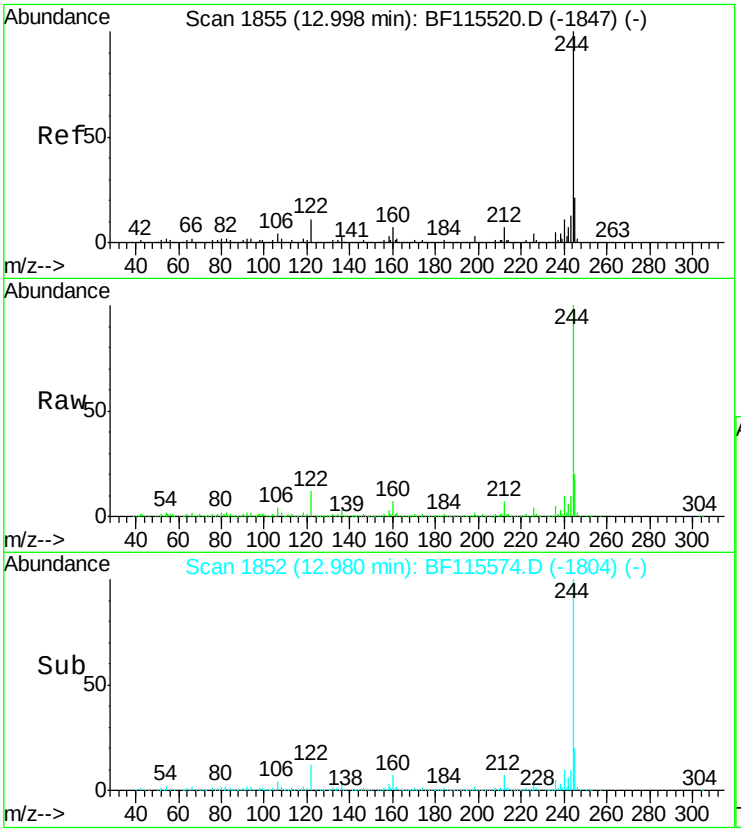


#78
Pyrene
Concen: 7.169 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion:202 Resp: 221088

Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.7	28.1
203	17.9	15.2	22.8



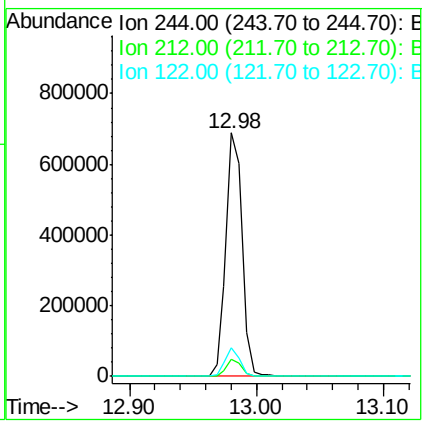


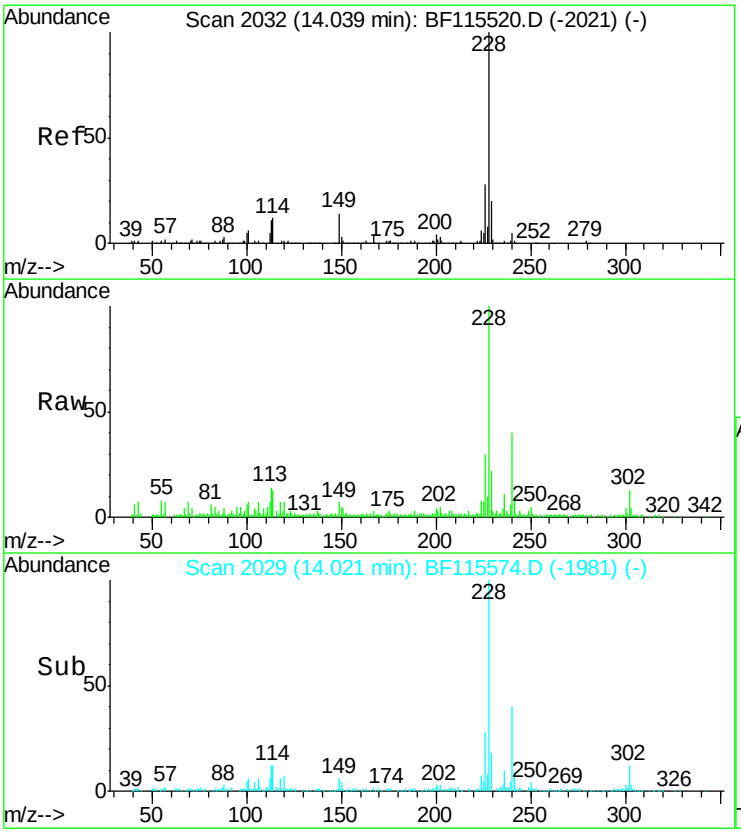
#79
Terphenyl-d14
Concen: 31.112 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 613734

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	11.8	8.6	12.8

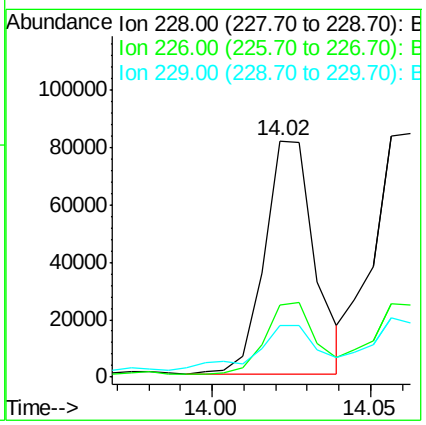


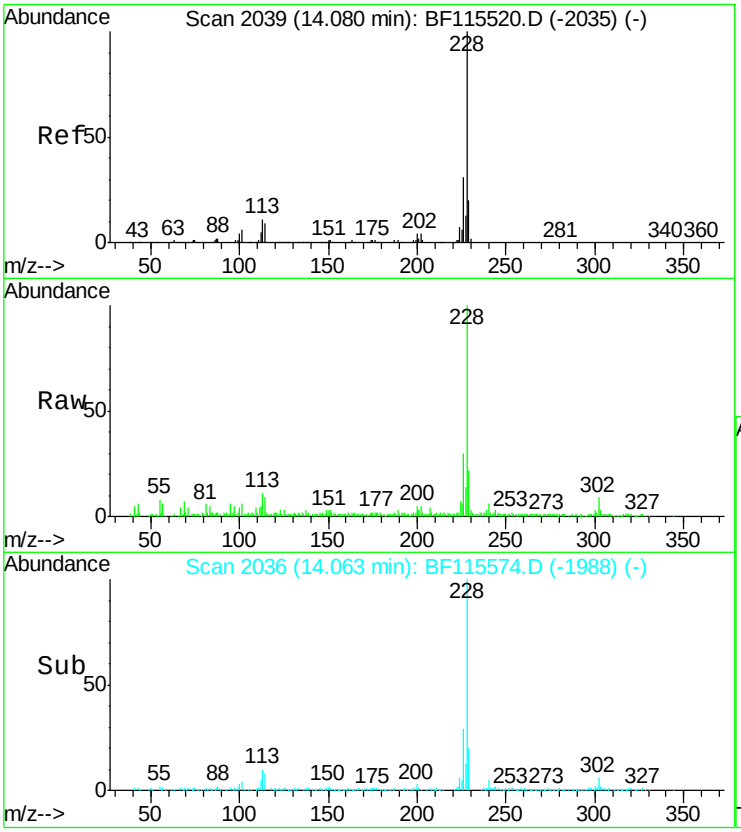


#81
Benzo(a)anthracene
Concen: 3.738 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion:228 Resp: 89634

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.0
229	21.9	17.2	25.8



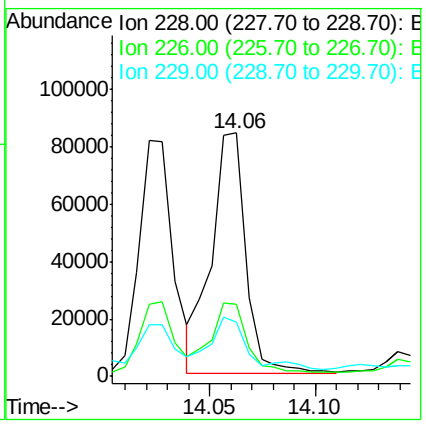


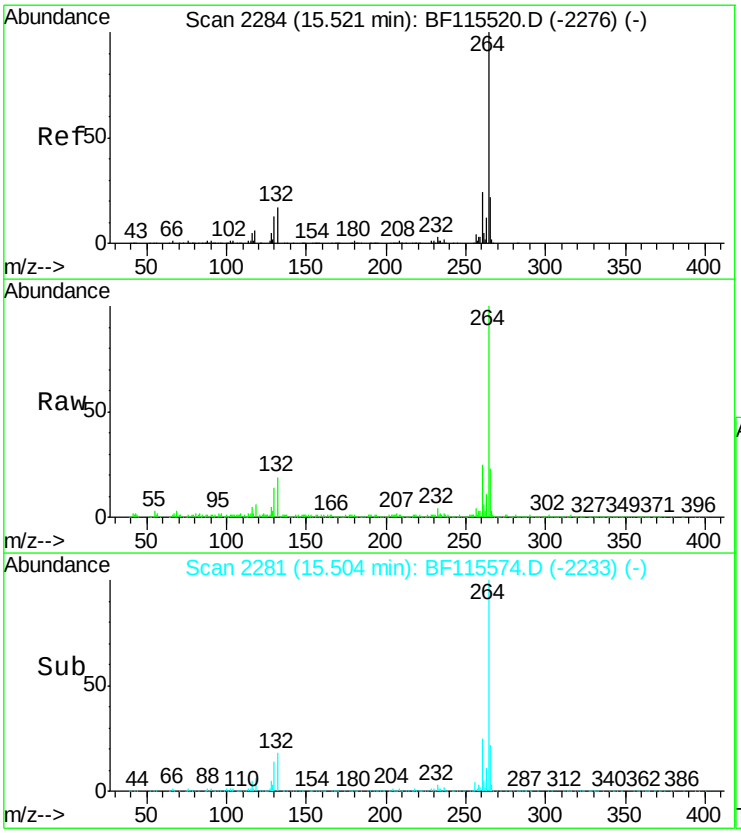
#83
Chrysene
Concen: 3.957 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 95245

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.7	38.5
229	22.5	16.6	25.0

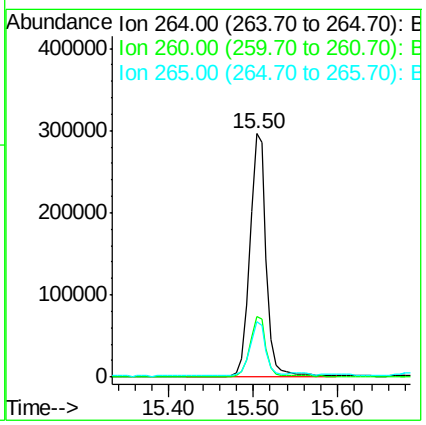


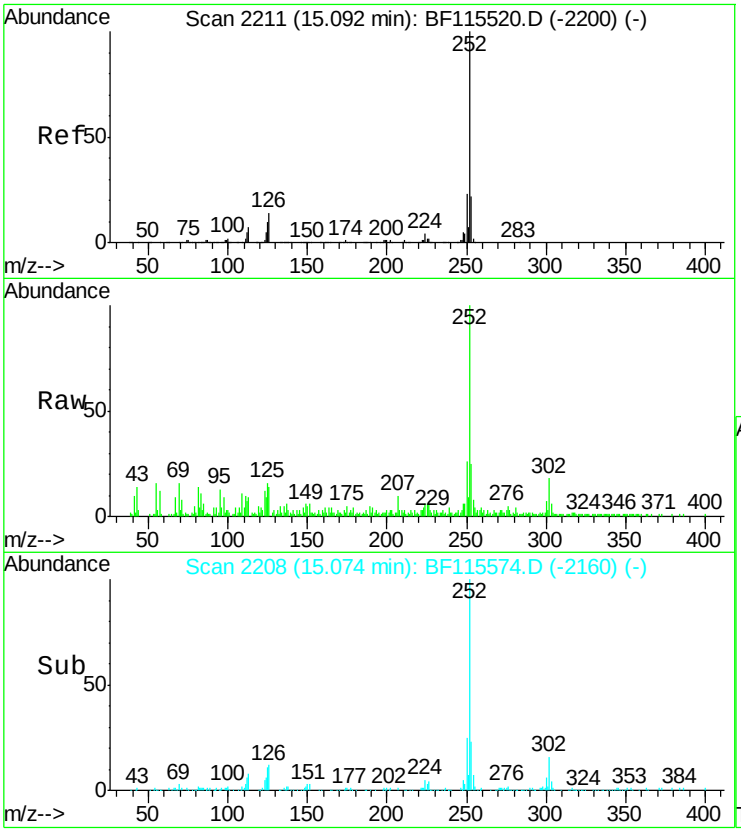


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion:264 Resp: 401697

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.8
265	22.8	17.7	26.5



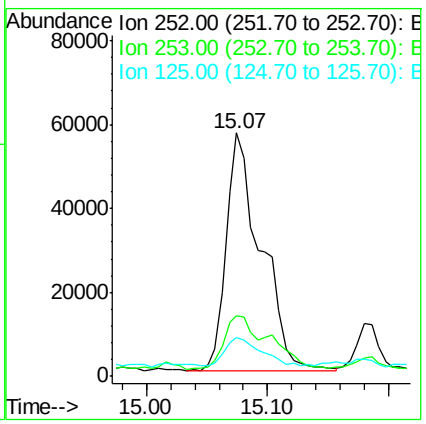


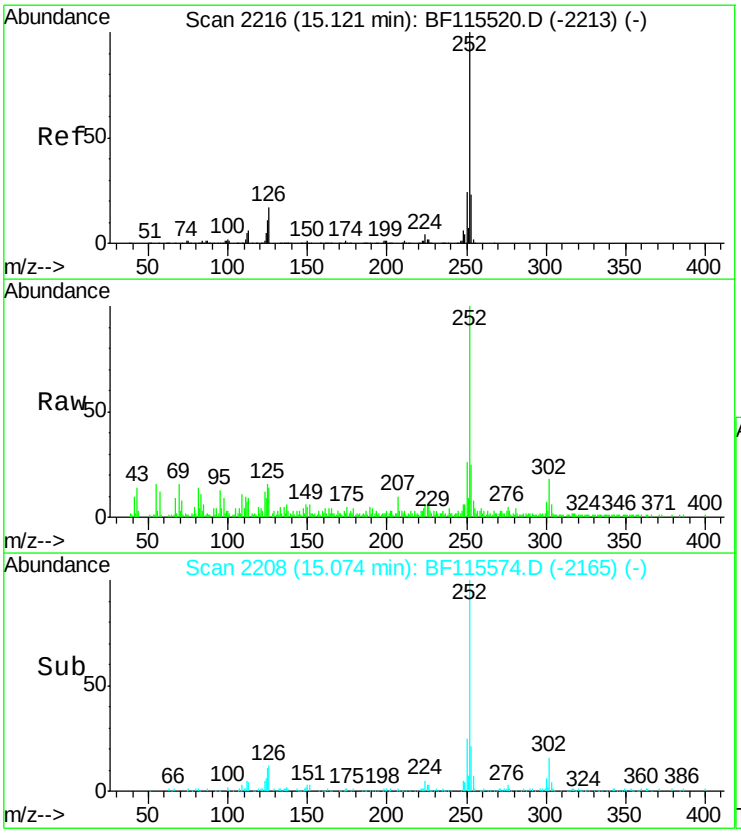
#88
Benzo(b)fluoranthene
Concen: 4.447 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 115037

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.1	27.1
125	16.0	9.0	13.4#

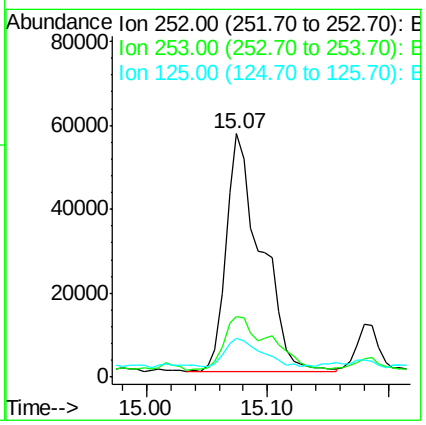


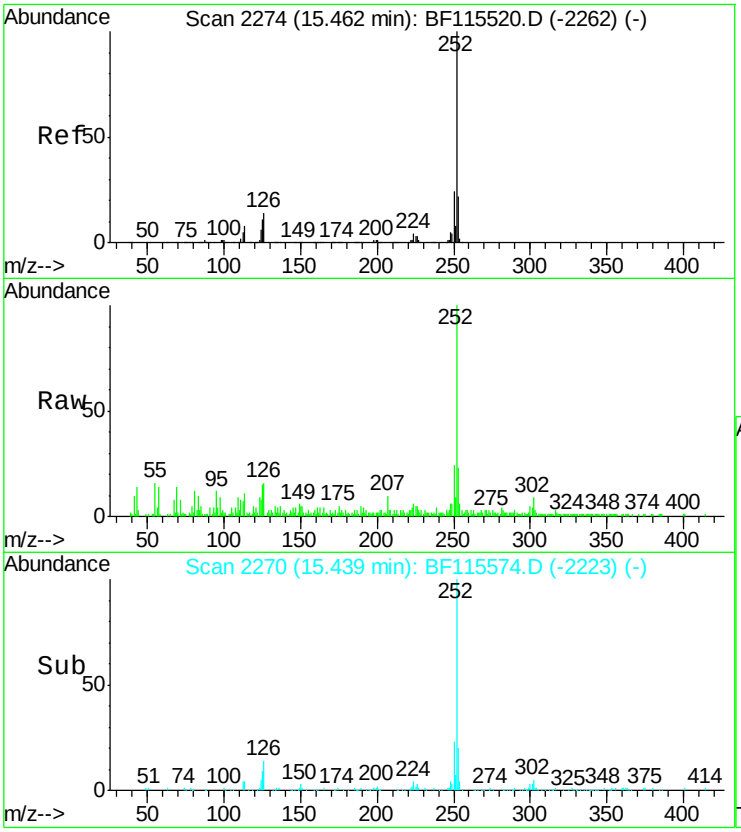


#89
Benzo(k)fluoranthene
Concen: 4.988 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.05 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion:252 Resp: 115037

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.6	28.0
125	16.0	9.0	13.6#



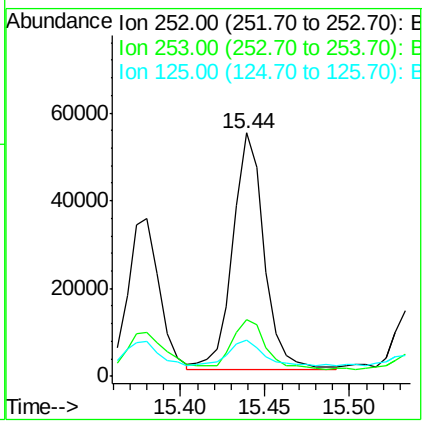


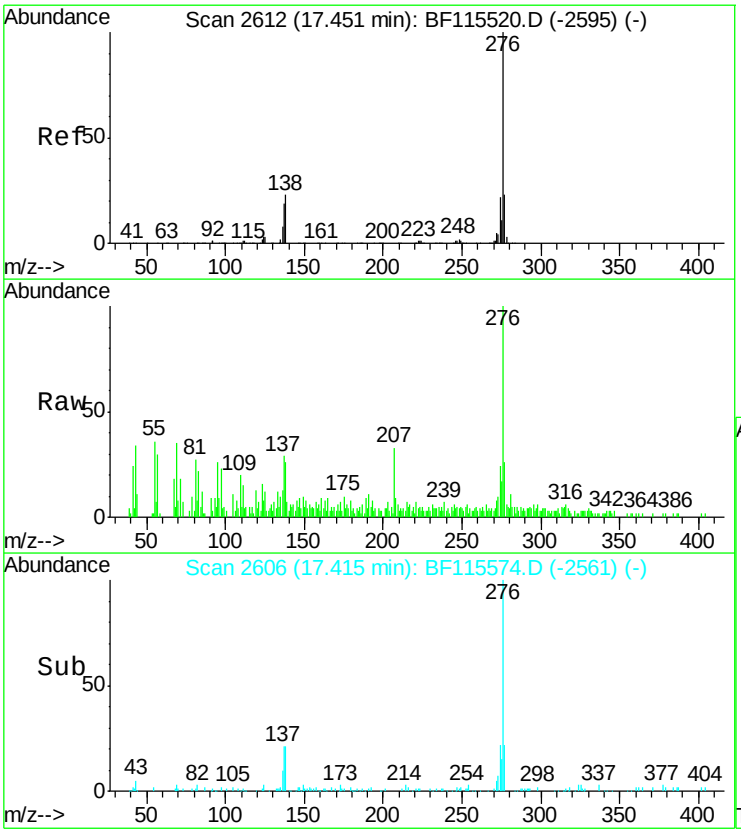
#90
Benzo(a)pyrene
Concen: 3.155 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 70130

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	14.7	9.1	13.7#





#92
Benzo(g,h,i)perylene
Concen: 2.053 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.04 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion:276 Resp: 39970

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.0	28.4
138	26.4	17.2	25.8#