Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116254.D
Acq On : 14 Aug 2019 2:10
Operator : HP/JU
Sample : K4319-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 14 05:30:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	145110	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	561659	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	284641	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	417514	20.00	ng		0.00
76) Chrysene-d12	14.01	240	294977	20.00	ng		0.00
87) Perylene-d12	15.47	264	329606	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	914200	105.47	ng		0.00
7) Phenol-d6	6.49	99	1227970	112.28	ng		0.00
23) Nitrobenzene-d5	7.40	82	762841	78.40	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	325244	117.86	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1297506	85.38	ng		-0.02
79) Terphenyl-d14	12.94	244	1124828	80.35	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	99539	14.688	ng	#	79
25) Isophorone	7.40	82	763924	41.059	ng	#	65
50) Dimethylphthalate	9.59	163	115281	5.948	ng		99
71) Phenanthrene	11.39	178	50445	2.363	ng	#	82
75) Fluoranthene	12.58	202	94682	4.237	ng		91
78) Pyrene	12.81	202	90224	4.058	ng	#	93
80) Butylbenzylphthalate	13.42	149	418677	44.512	ng		99
81) Benzo(a)anthracene	14.00	228	52493	2.784	ng	#	95
83) Chrysene	14.03	228	52380	2.862	ng		97
84) Bis(2-ethylhexyl)phthalate	13.97	149	388213	31.761	ng		99
86) Indeno(1,2,3-cd)pyrene	16.97	276	32271	2.099	ng	#	94
88) Benzo(b)fluoranthene	15.05	252	95057	4.988	ng	#	90
89) Benzo(k)fluoranthene	15.05	252	95057	5.121	ng	#	90
90) Benzo(a)pyrene	15.42	252	44327	2.602	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116254.D
Acq On : 14 Aug 2019 2:10
Operator : HP/JU
Sample : K4319-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 14 05:30:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
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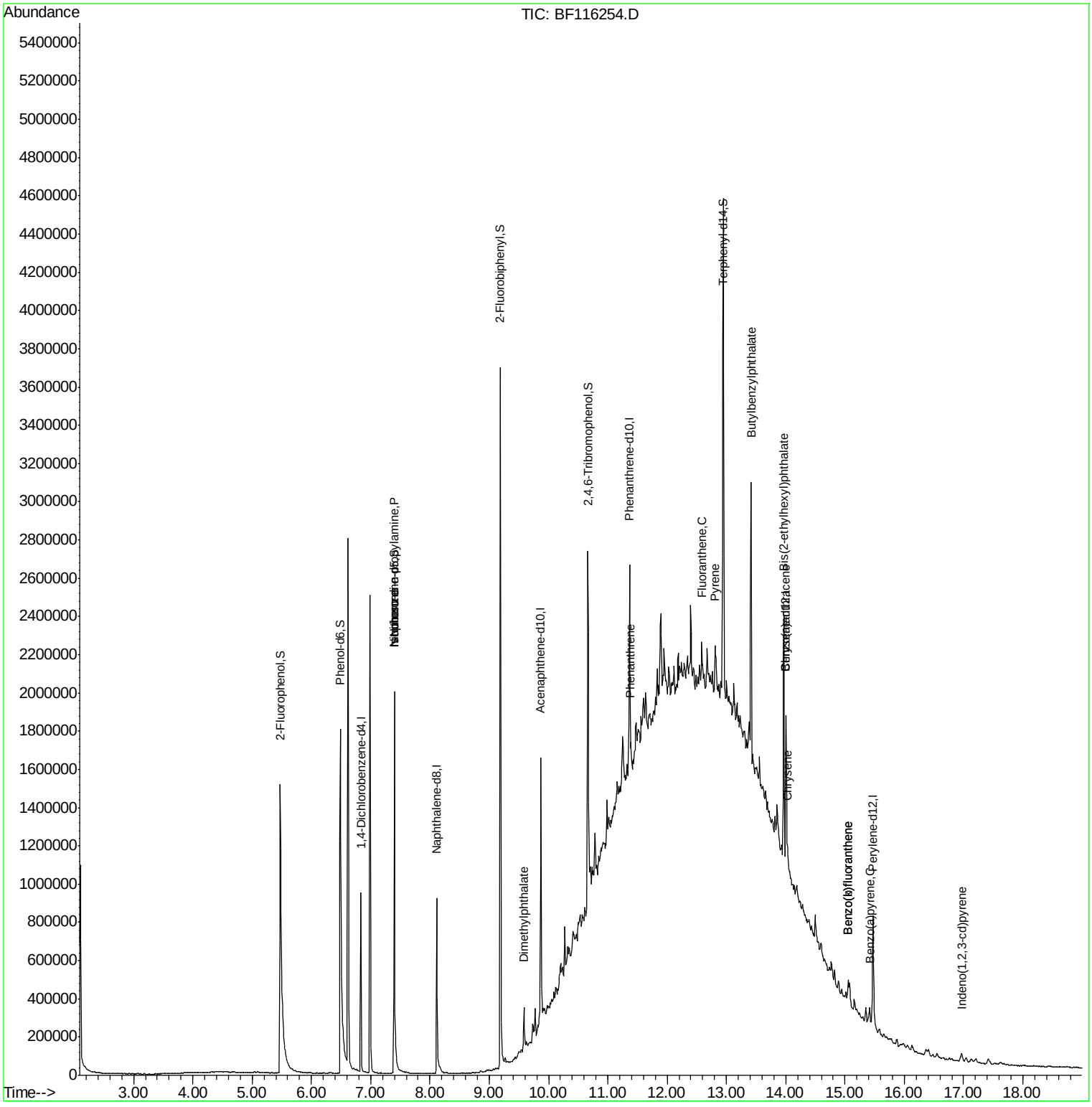
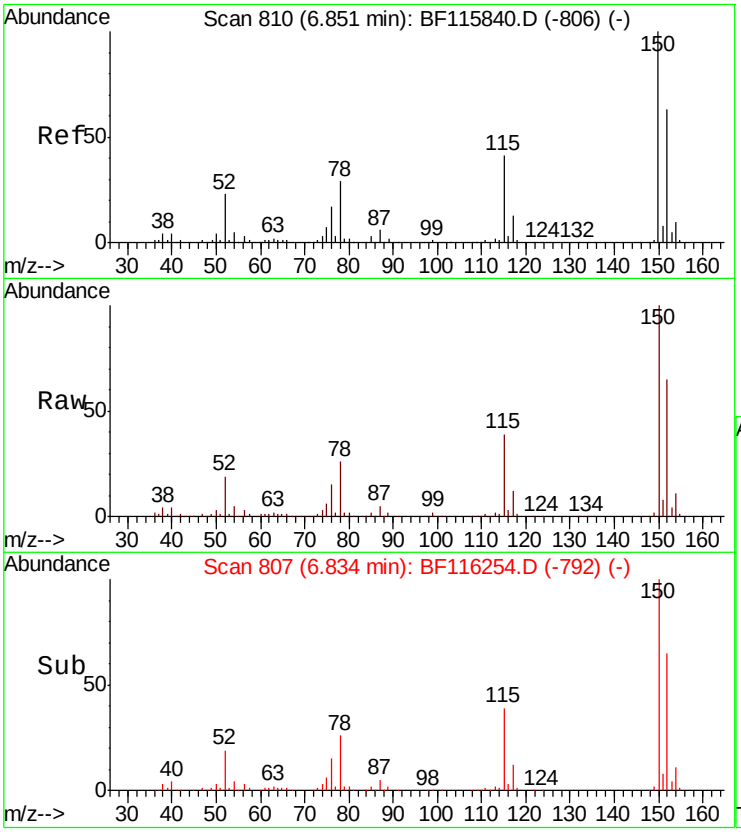


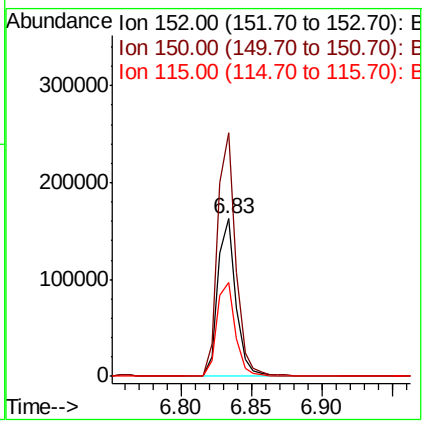


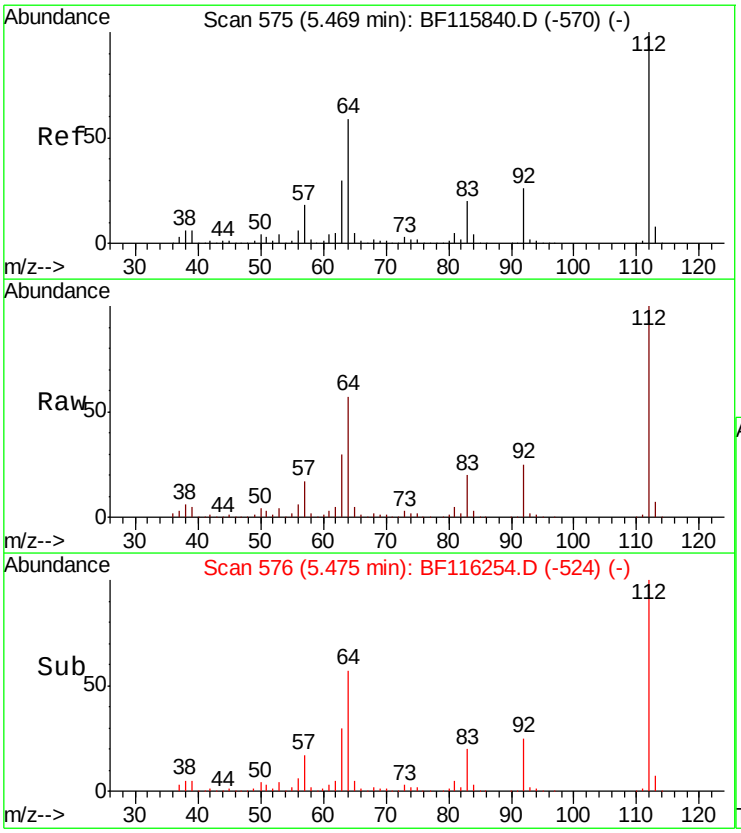
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 145110

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.2	189.2
115	59.6	49.9	74.9

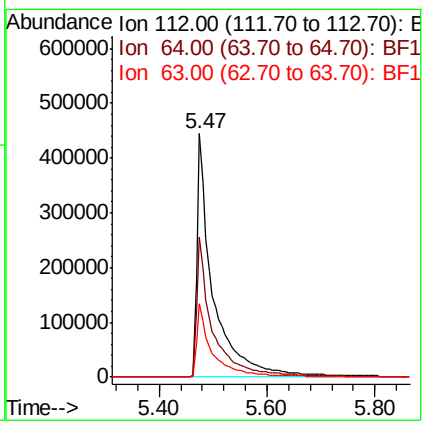


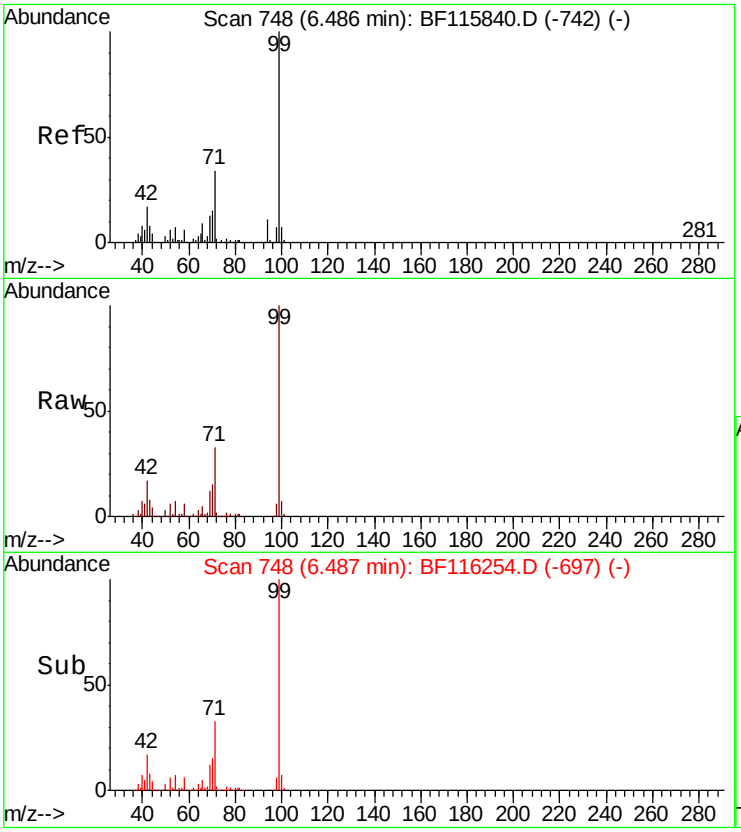


#5
2-Fluorophenol
Concen: 105.467 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Tgt Ion:112 Resp: 914200

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.4	68.2
63	30.1	23.7	35.5



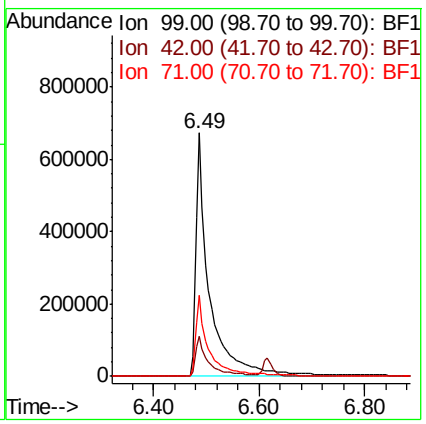


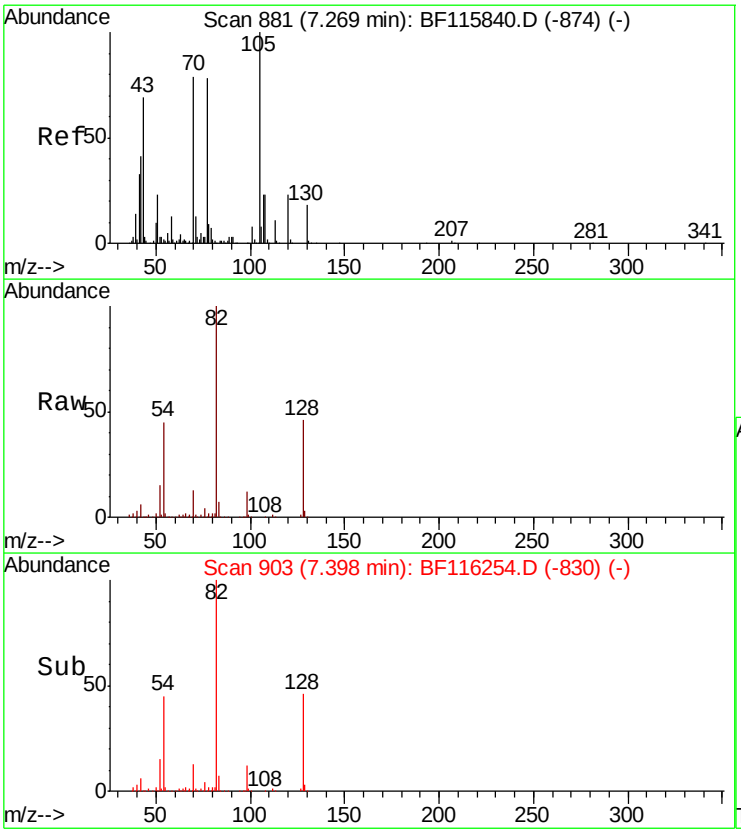
#7
Phenol-d6
Concen: 112.283 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1227970

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.8
71	33.2	27.3	40.9

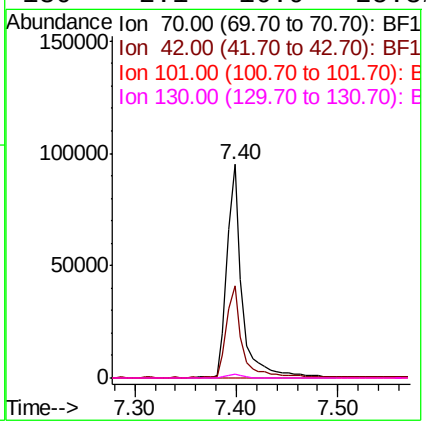


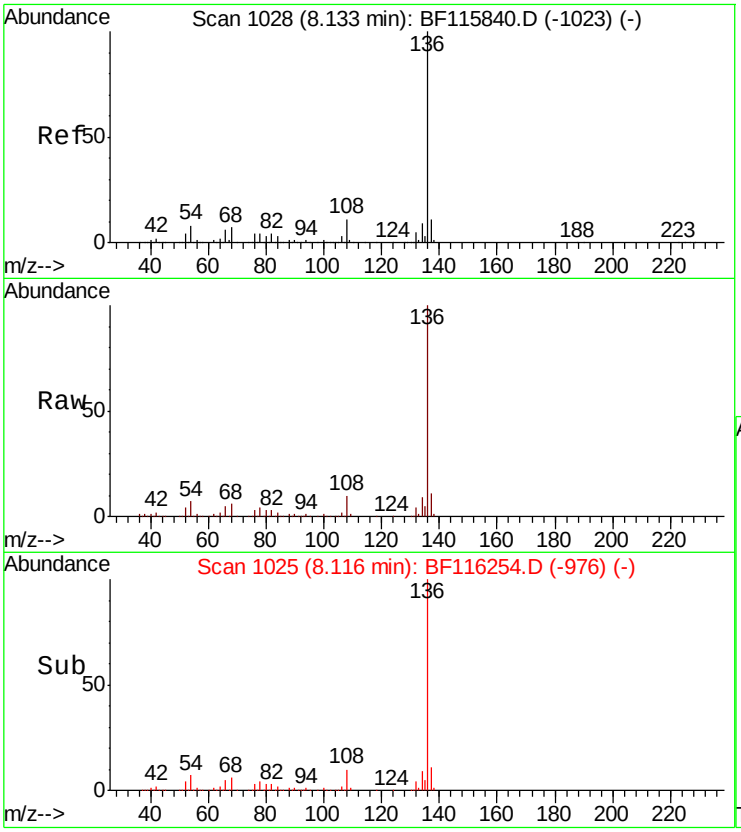


#19
n-Nitroso-di-n-propylamine
Concen: 14.688 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Tgt Ion: 70 Resp: 99539

Ion	Ratio	Lower	Upper
70	100		
42	43.1	40.9	61.3
101	0.0	7.9	11.9#
130	2.1	16.9	25.3#



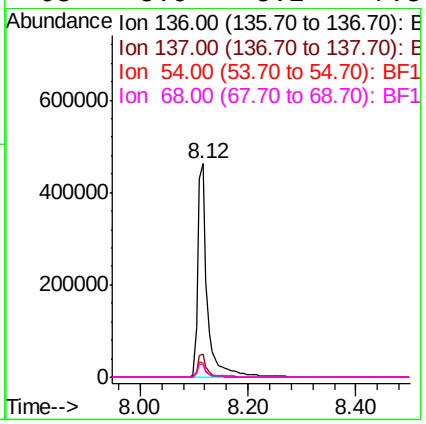


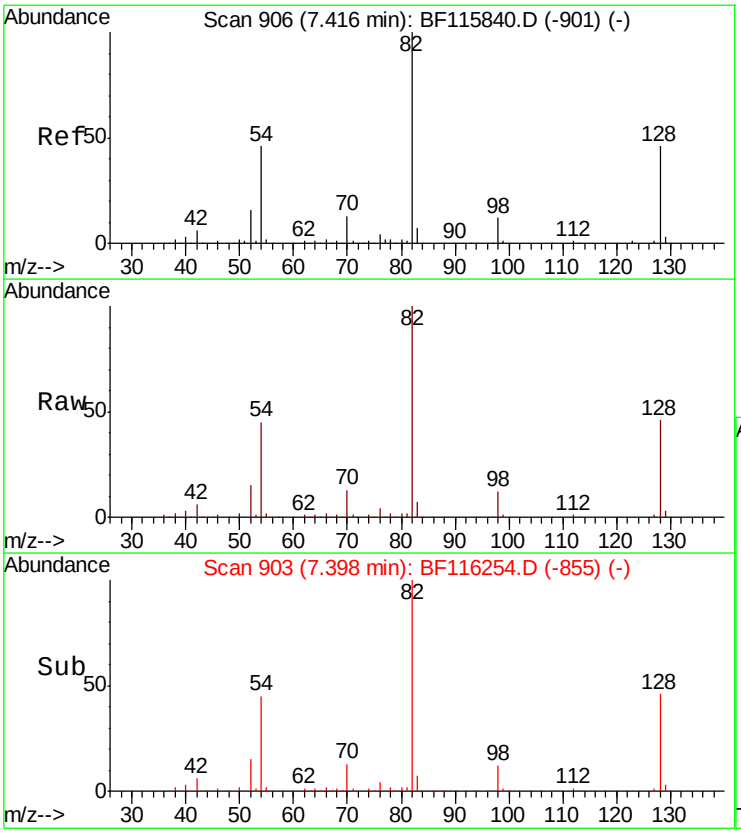
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 561659

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.6	5.8	8.6
68	5.9	5.2	7.8

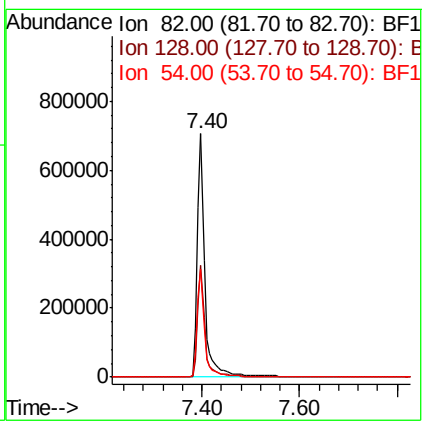


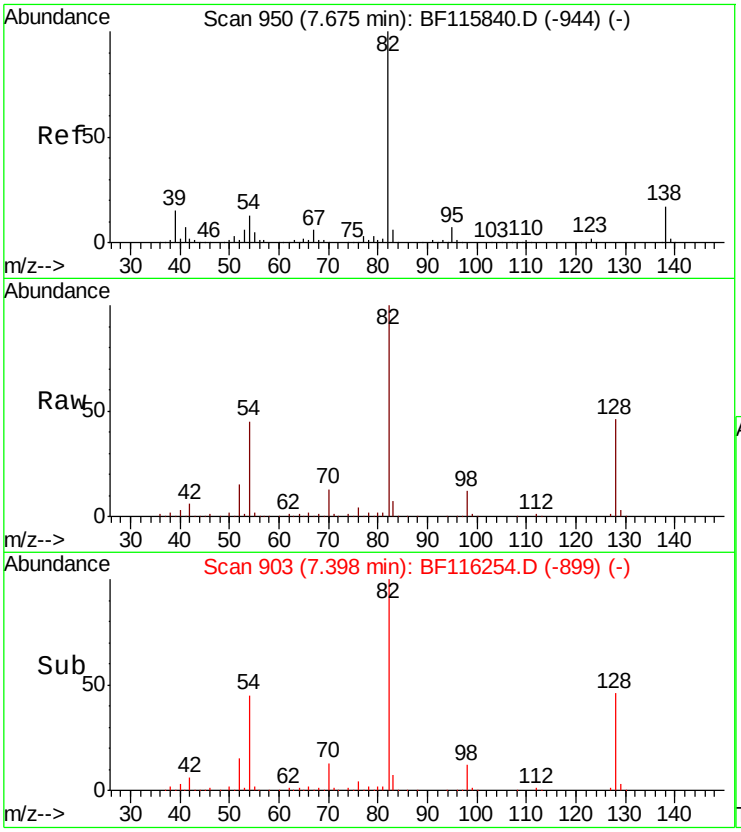


#23
Nitrobenzene-d5
Concen: 78.399 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Tgt Ion: 82 Resp: 762841

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.5	54.7
54	44.6	36.0	54.0



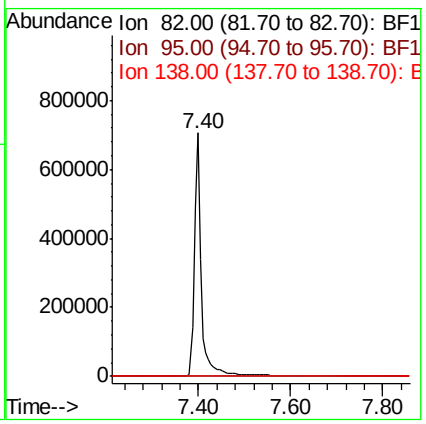


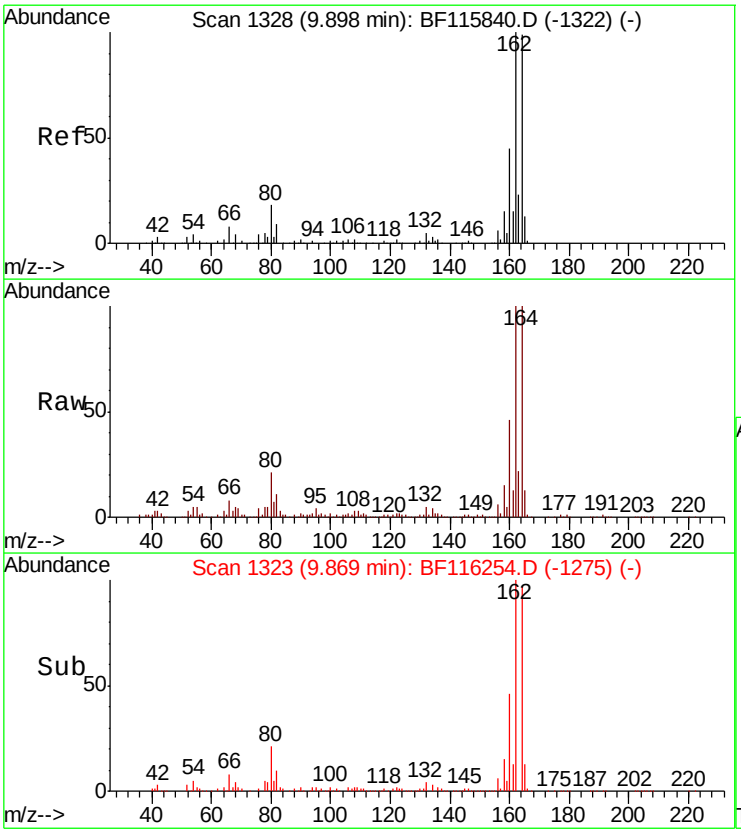
#25
Isophorone
Concen: 41.059 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 763924

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.5	21.7#

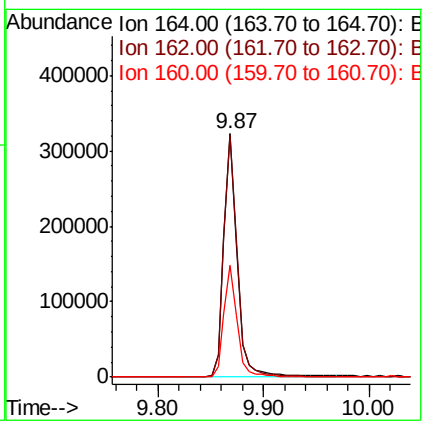


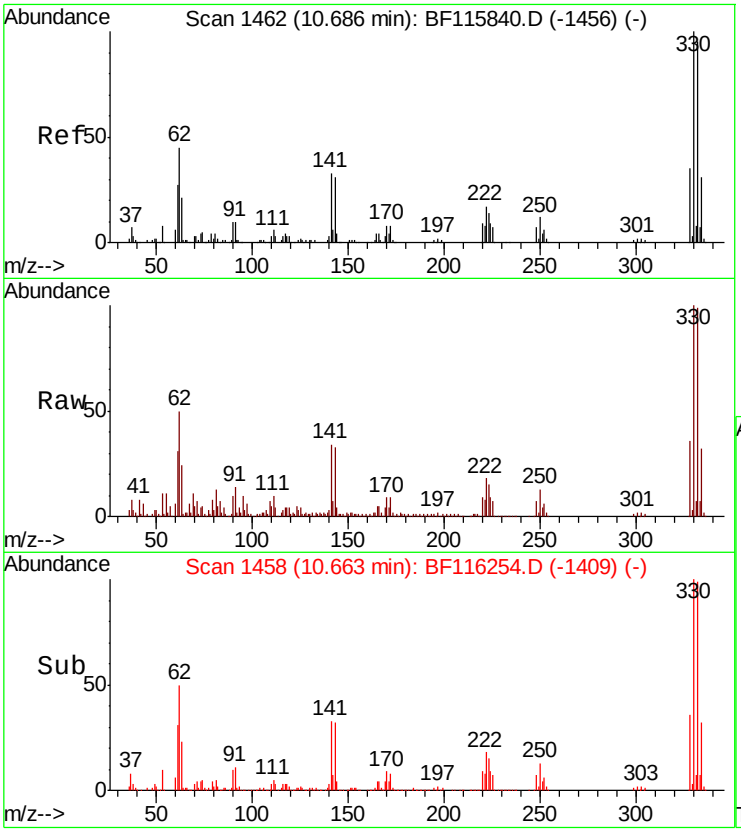


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Tgt Ion:164 Resp: 284641

Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.6	124.0
160	46.0	37.6	56.4



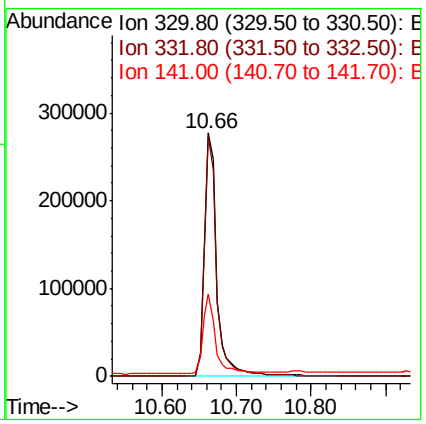


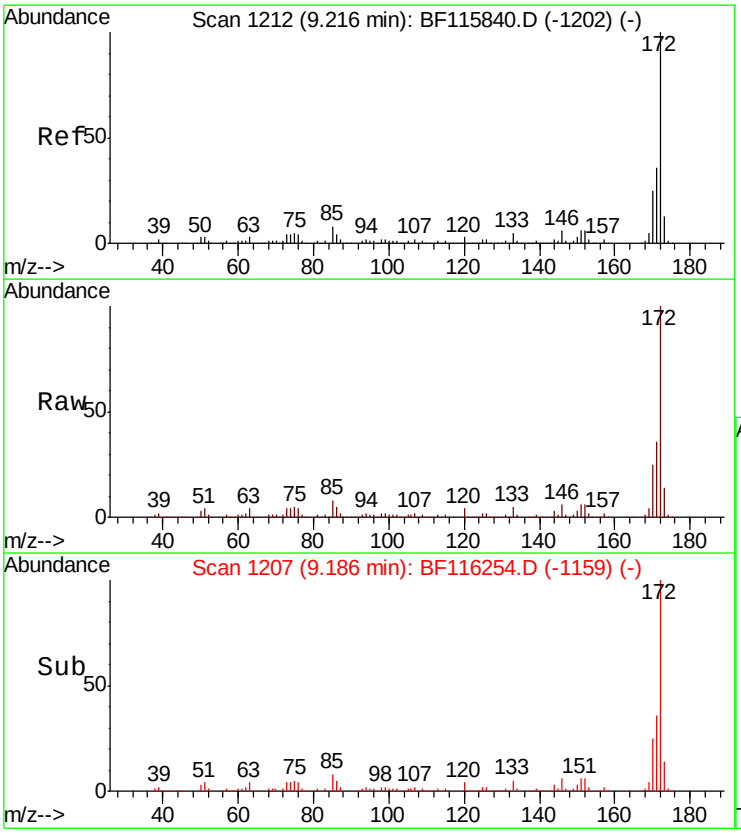
#42
2,4,6-Tribromophenol
Concen: 117.856 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 325244

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	32.7	26.3	39.5

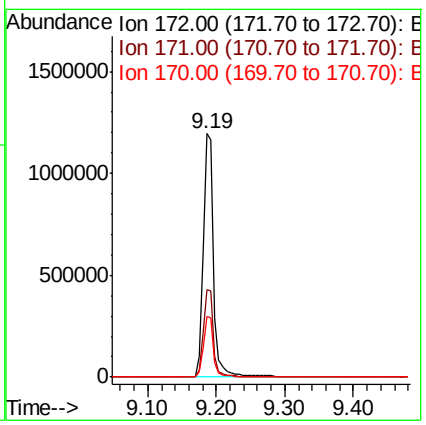


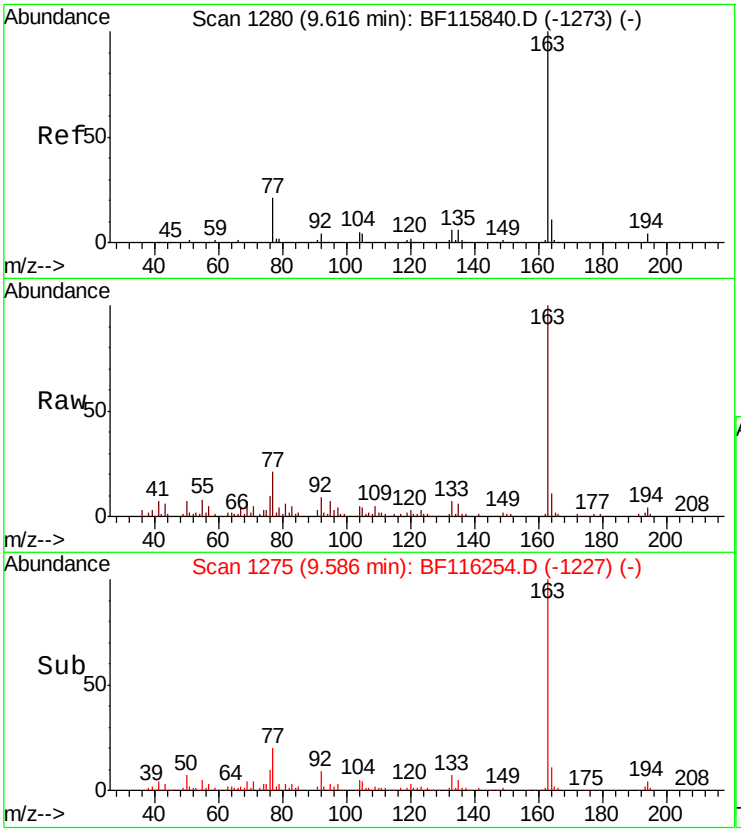


#45
2-Fluorobiphenyl
Concen: 85.382 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Tgt Ion:172 Resp: 1297506

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.8	20.1	30.1



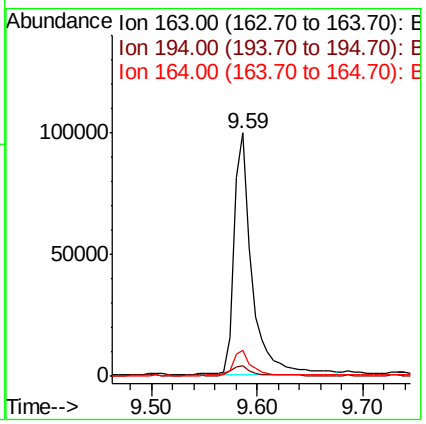


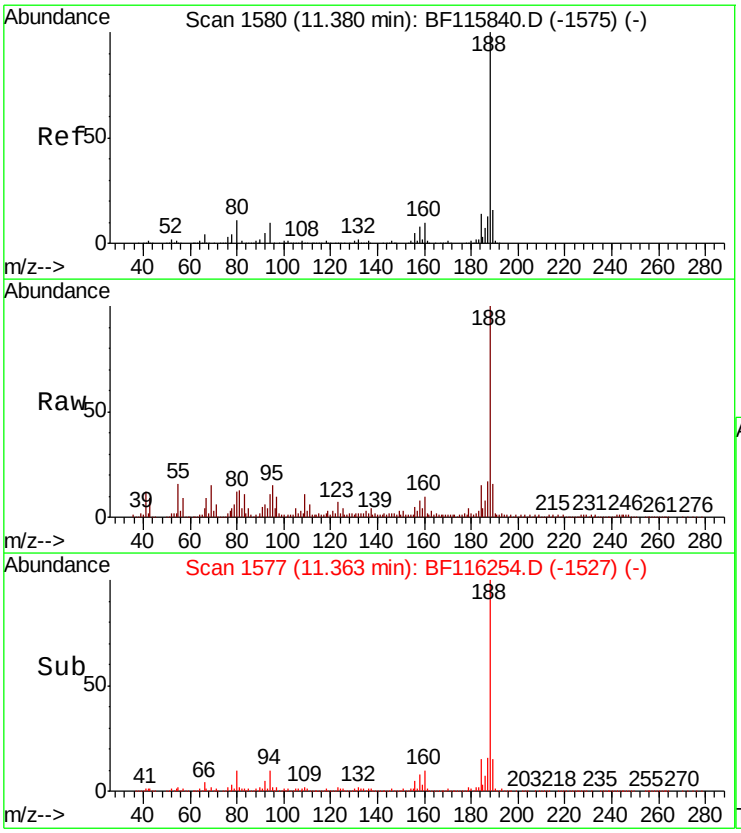
#50
Dimethylphthalate
Concen: 5.948 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 115281

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.6
164	10.5	8.4	12.6

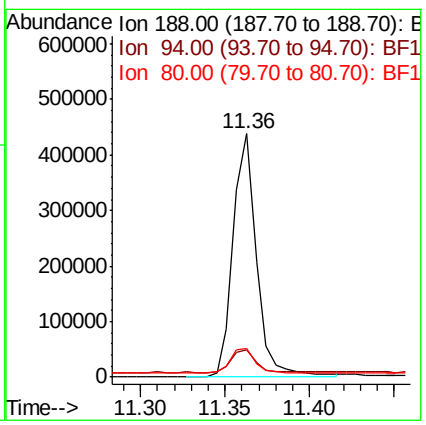


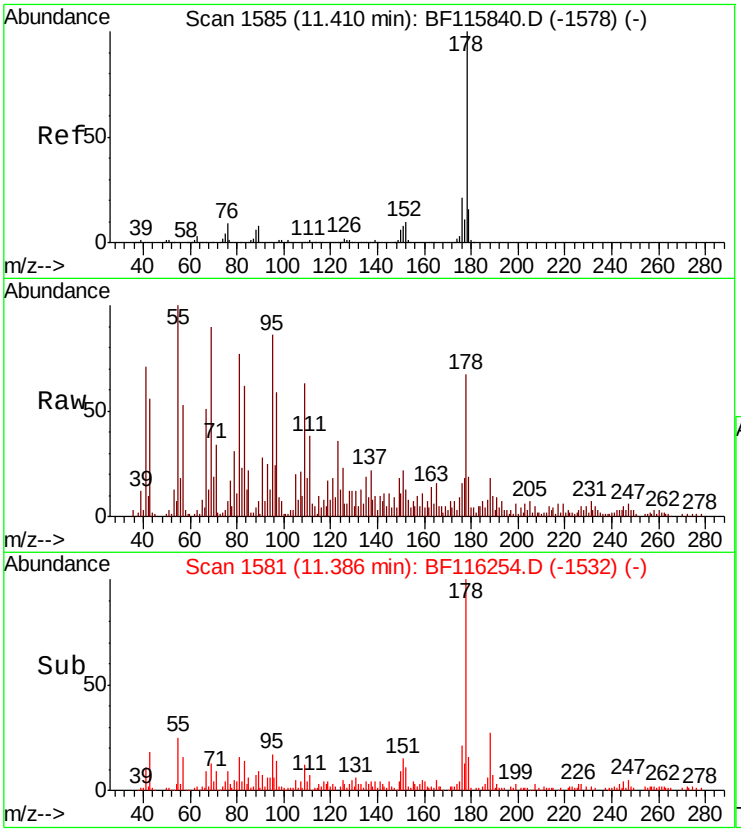


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Tgt Ion:188 Resp: 417514

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.1	12.1
80	11.8	8.7	13.1



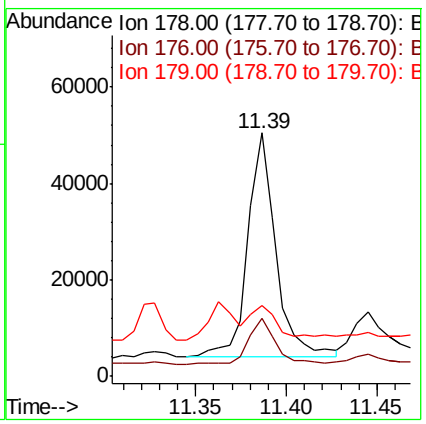


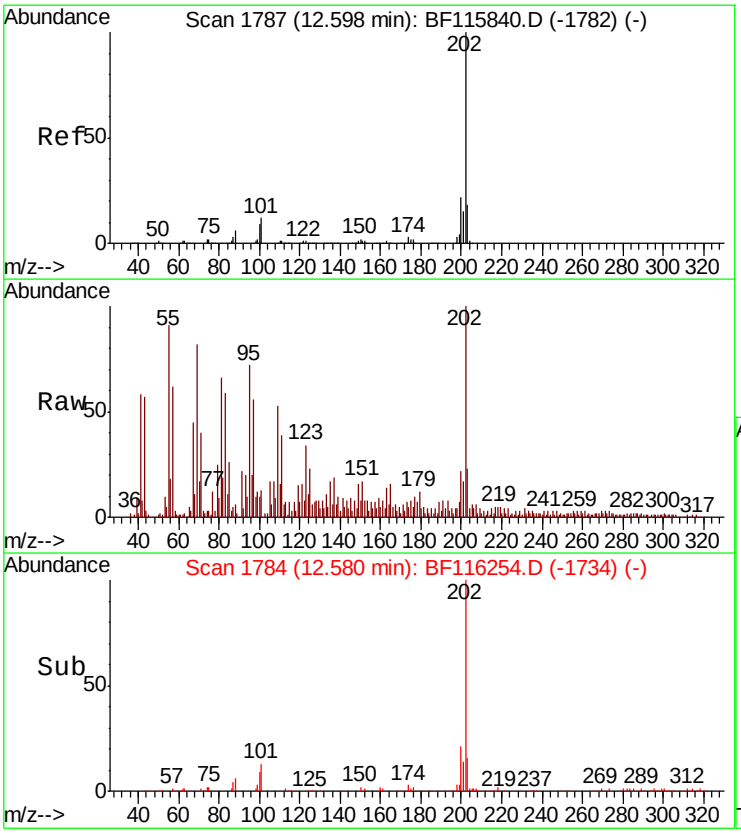
#71
Phenanthrene
Concen: 2.363 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 50445

Ion	Ratio	Lower	Upper
178	100		
176	24.0	16.6	24.8
179	28.8	12.5	18.7#

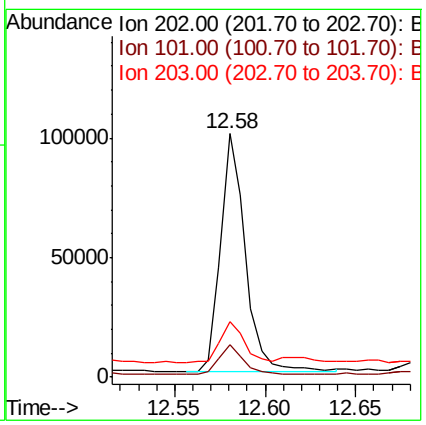


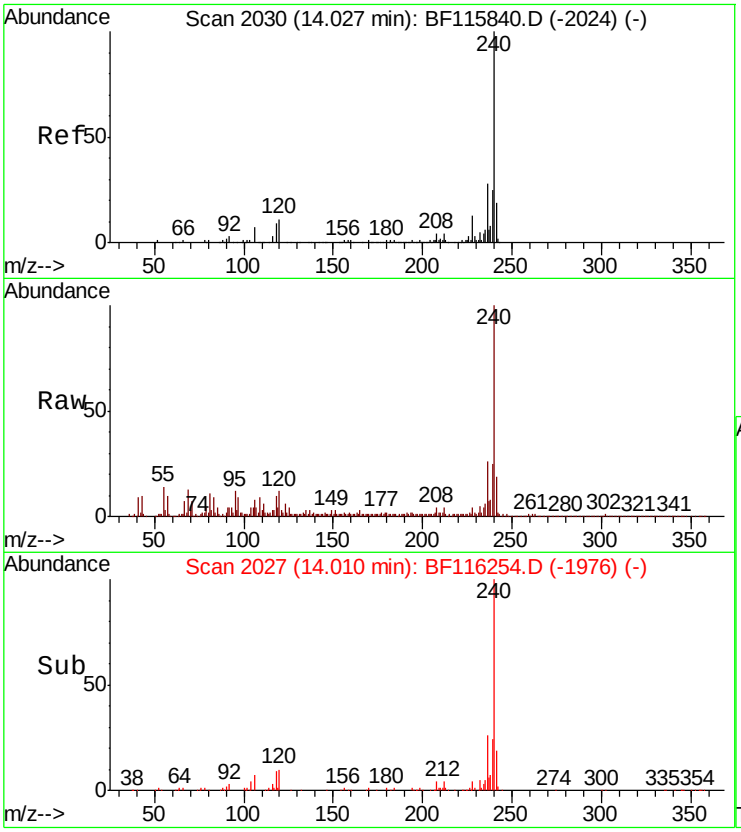


#75
Fluoranthene
Concen: 4.237 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Tgt Ion:202 Resp: 94682

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.2
203	22.8	0.0	37.8



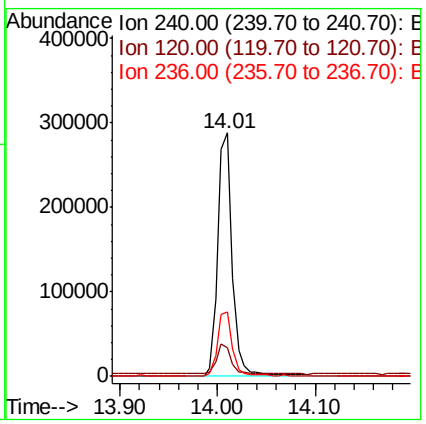


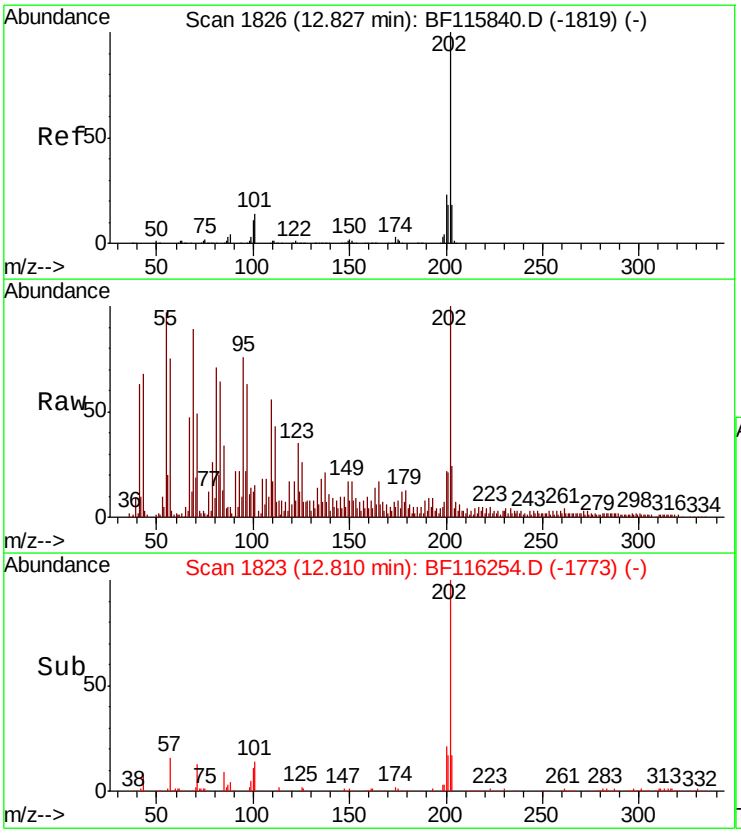
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 294977

Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.7	16.1
236	26.4	22.2	33.2

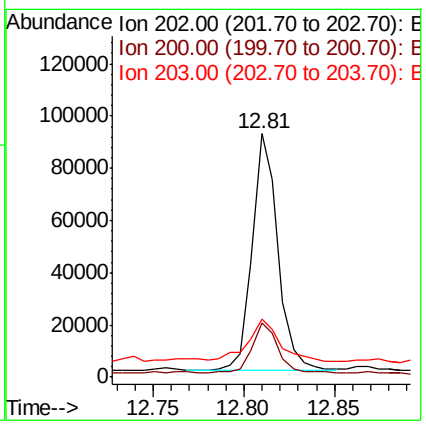


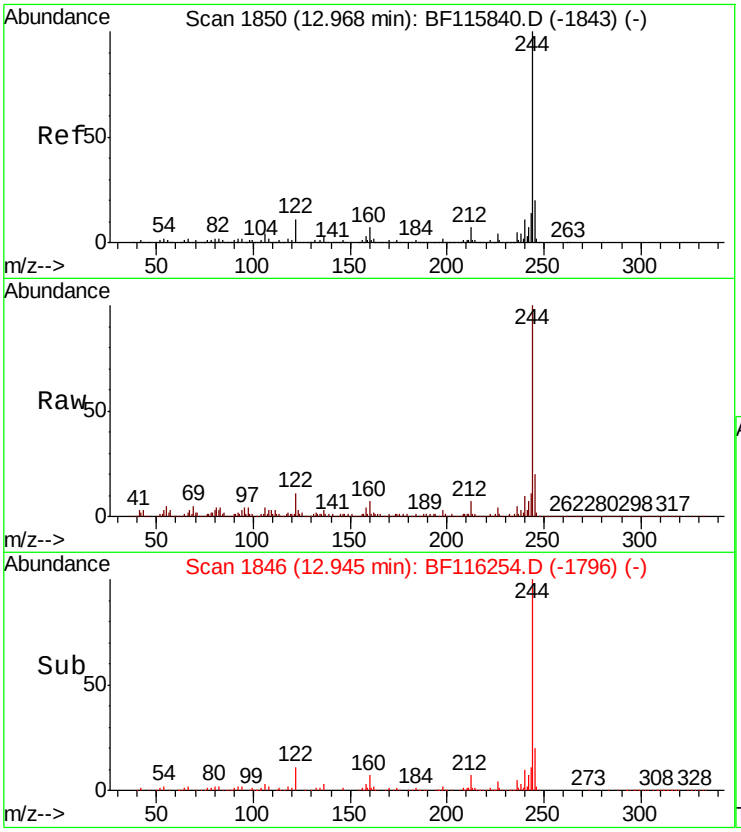


#78
Pyrene
Concen: 4.058 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Tgt Ion:202 Resp: 90224

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.0	27.0
203	24.0	14.1	21.1#



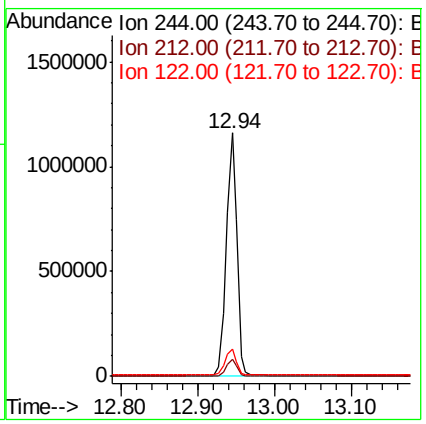


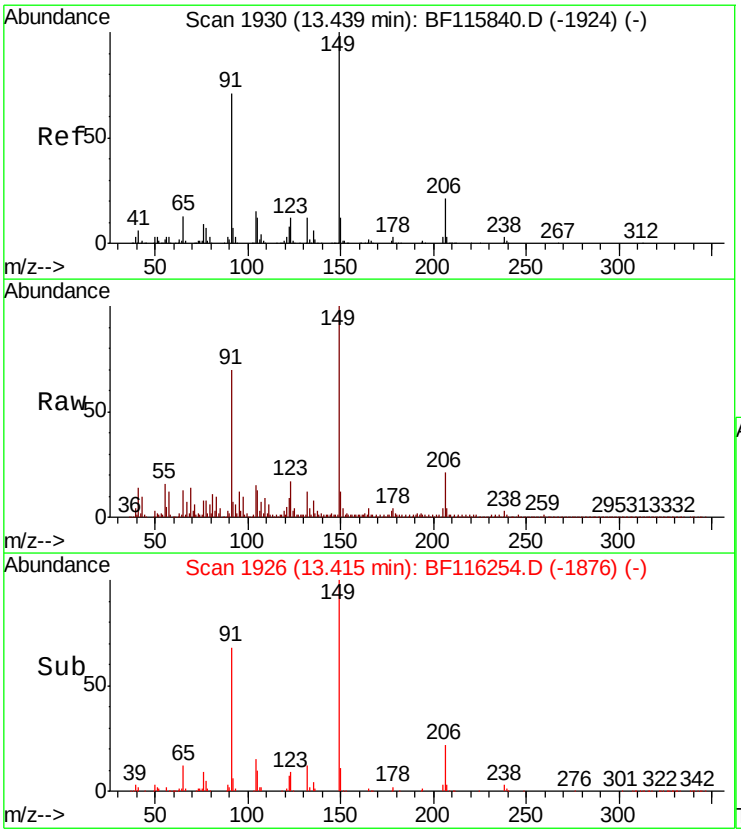
#79
Terphenyl-d14
Concen: 80.352 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1124828

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.5	9.0	13.4

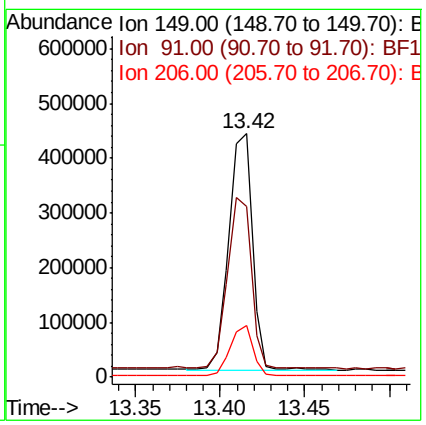


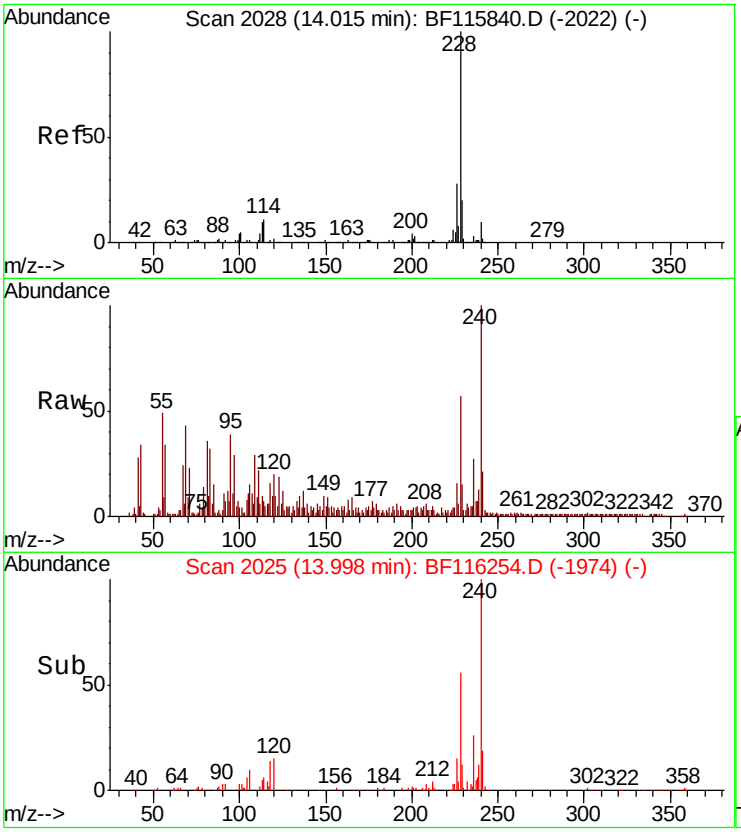


#80
Butylbenzylphthalate
Concen: 44.512 ng
RT: 13.42 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Tgt Ion:149 Resp: 418677

Ion	Ratio	Lower	Upper
149	100		
91	70.0	56.3	84.5
206	21.4	18.0	27.0



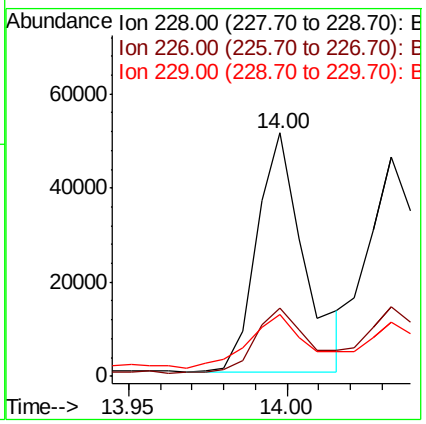


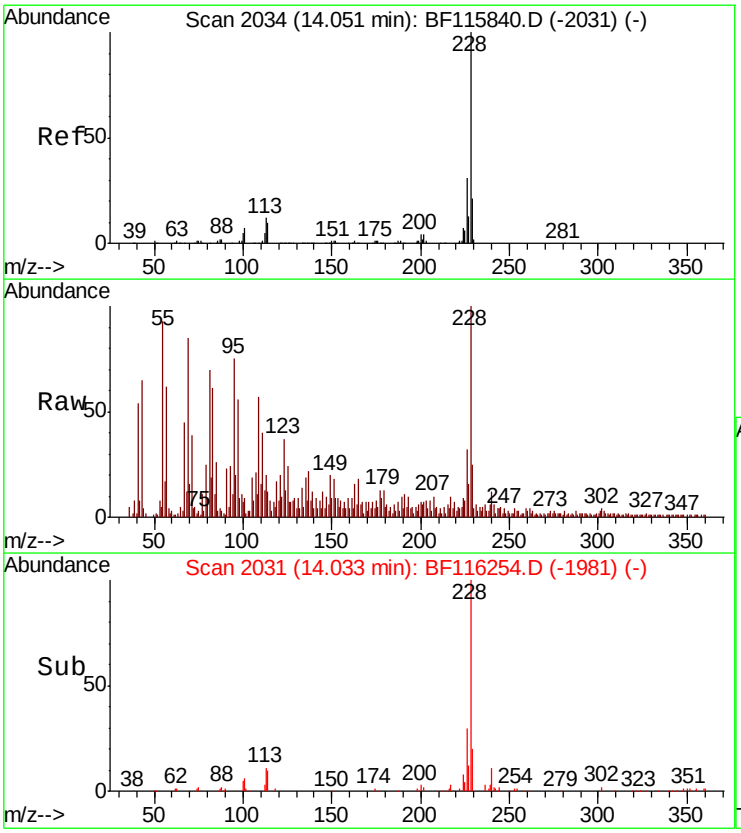
#81
Benzo(a)anthracene
Concen: 2.784 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 52493

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	25.5	16.2	24.4#

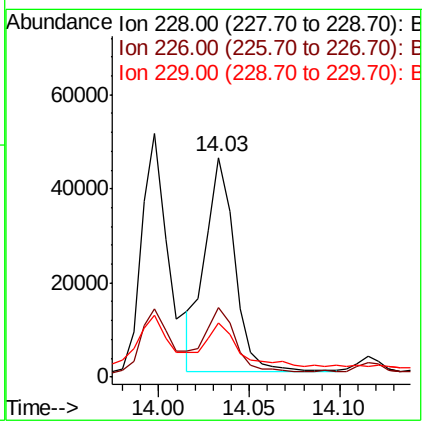


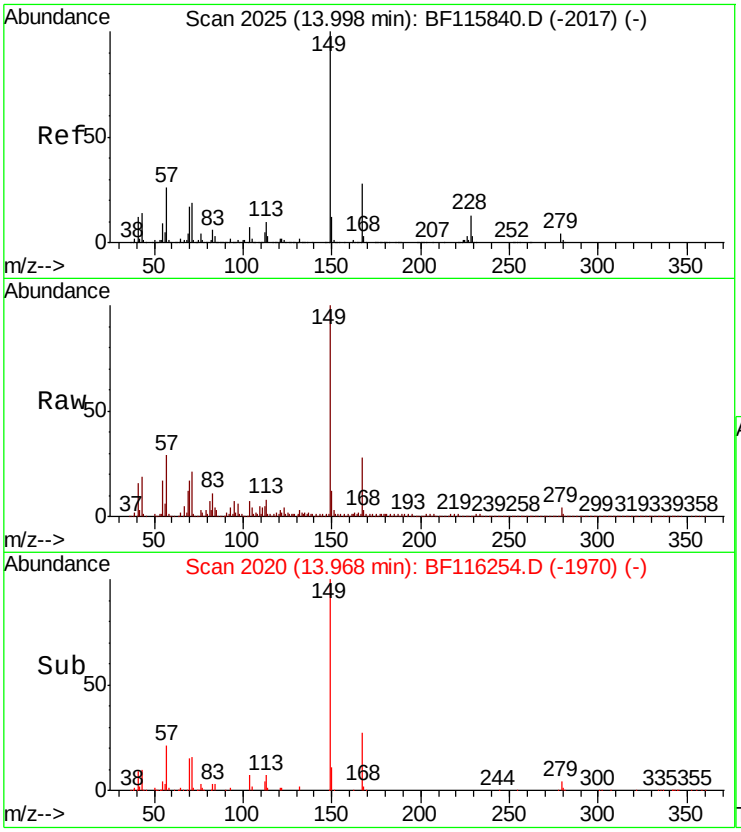


#83
Chrysene
Concen: 2.862 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Tgt Ion:228 Resp: 52380

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.5	38.3
229	24.5	16.6	24.8



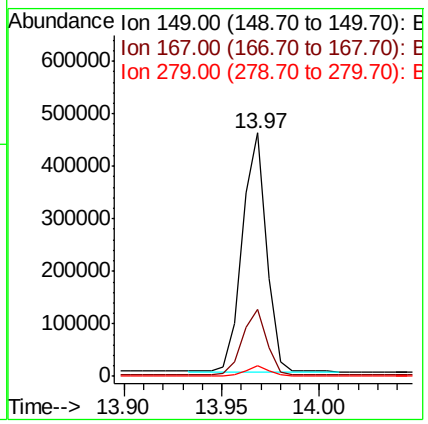


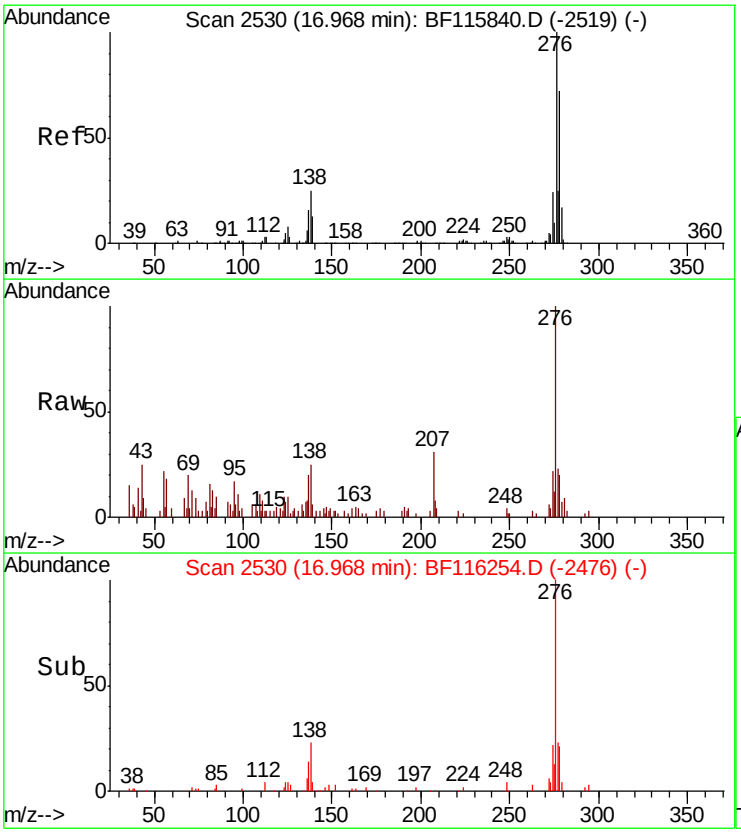
#84
Bis(2-ethylhexyl)phthalate
Concen: 31.761 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 388213

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.6	32.4
279	4.1	3.0	4.4

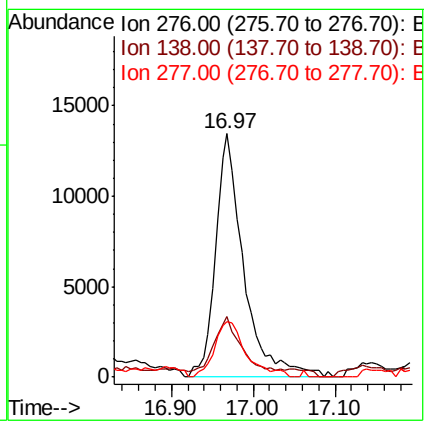


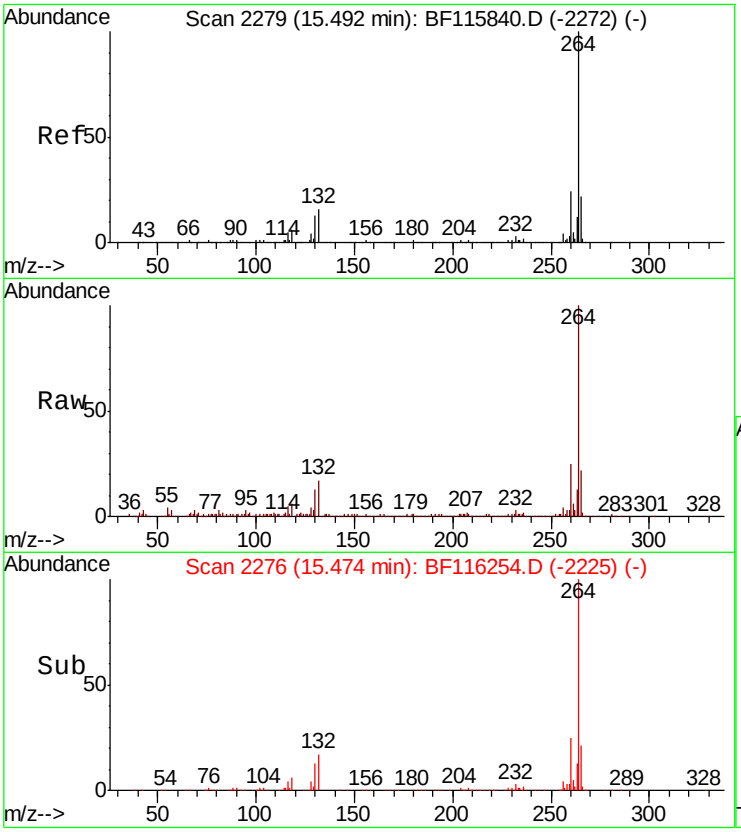


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.099 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.02 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Tgt Ion:276 Resp: 32271

Ion	Ratio	Lower	Upper
276	100		
138	19.9	20.4	30.6#
277	25.5	20.0	30.0



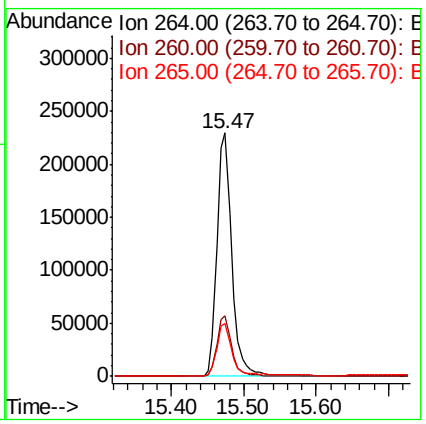


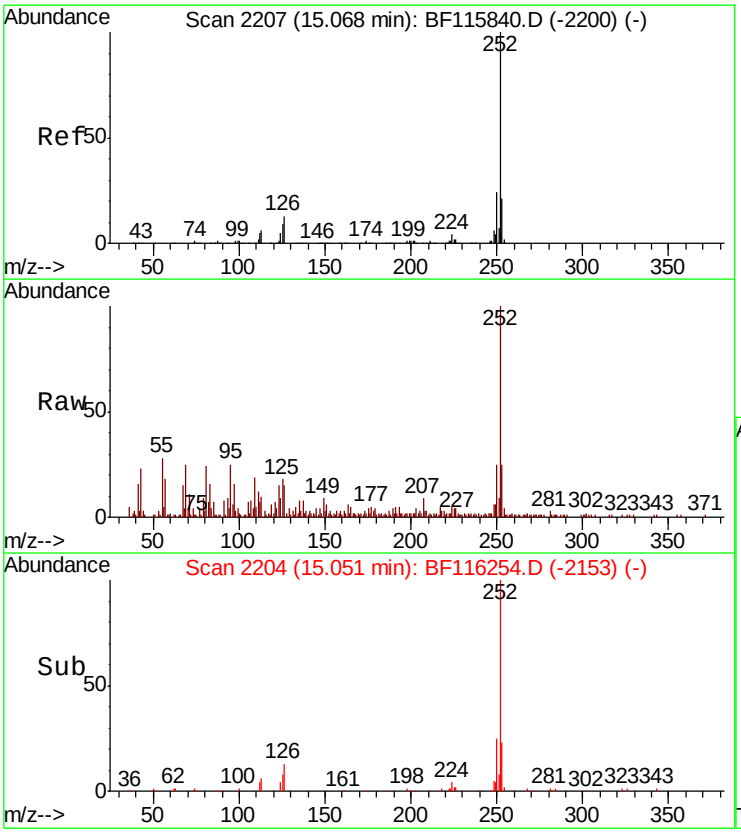
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 329606

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	21.6	17.4	26.0

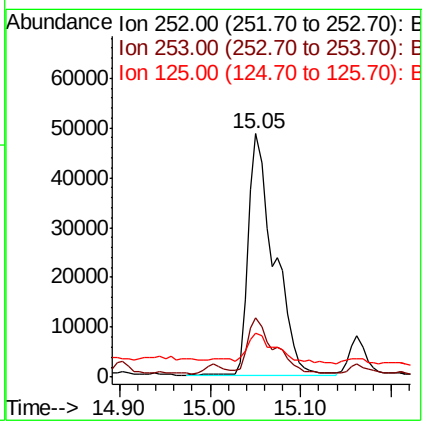


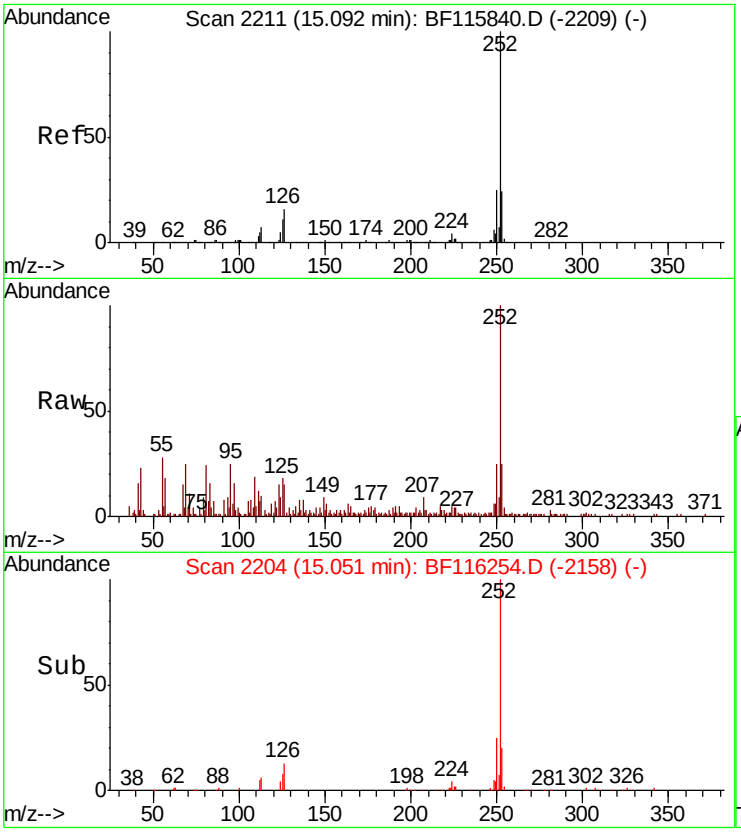


#88
Benzo(b)fluoranthene
Concen: 4.988 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Tgt Ion:252 Resp: 95057

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.8
125	18.1	8.4	12.6#



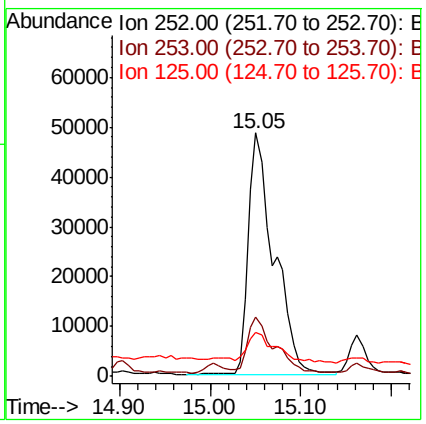


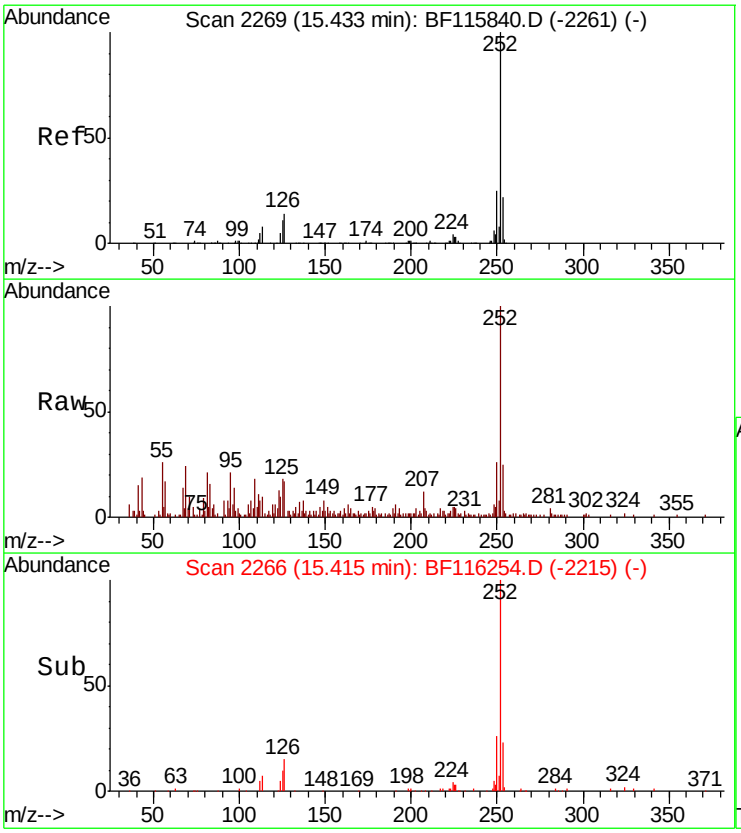
#89
Benzo(k)fluoranthene
Concen: 5.121 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 95057

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.8
125	18.1	7.7	11.5#





#90
Benzo(a)pyrene
Concen: 2.602 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Tgt Ion:252 Resp: 44327

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	17.6	8.9	13.3#