Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\

Quantitation Report (Not Reviewed)

Data File : BF111501.D
Acq On : 16 Dec 2018 7:55
Operator : JU/SJ
Sample : J64470-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

Quant Time: Dec 17 01:01:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114320	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	398427	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	170403	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	319393	20.00	ng		0.00
76) Chrysene-d12	14.00	240	145448	20.00	ng		0.05
87) Perylene-d12	15.46	264	142286	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	550305	80.10	ng		0.00
7) Phenol-d6	6.43	99	681818	74.61	ng		0.00
23) Nitrobenzene-d5	7.35	82	379054	56.65	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	114779	75.19	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	612808	55.55	ng		0.00
79) Terphenyl-d14	12.92	244	453378	73.20	ng		0.02
Target Compounds							Qvalue
10) Phenol	6.44	94	43363	4.260	ng		91
25) Isophorone	7.35	82	376147	33.226	ng	#	64
37) 2-Methylnaphthalene	8.79	142	26764	2.122	ng		99
38) 1-Methylnaphthalene	8.79	142	26764	2.197	ng		94
50) Dimethylphthalate	9.54	163	63787	5.198	ng		99
71) Phenanthrene	11.33	178	79646	4.839	ng		96
72) Anthracene	11.33	178	79646	4.732	ng		97
74) Di-n-butylphthalate	11.88	149	52722	2.720	ng	#	91
75) Fluoranthene	12.53	202	100365	6.234	ng		94
78) Pyrene	12.77	202	89439	8.722	ng	#	90
81) Benzo(a)anthracene	13.99	228	24604	3.111	ng	#	72
83) Chrysene	14.02	228	25708	3.086	ng	#	74
84) Bis(2-ethylhexyl)phthalate	13.98	149	618205	96.833	ng		98
85) Di-n-octyl phthalate	14.63	149	42791	3.974	ng	#	56
88) Benzo(b)fluoranthene	15.03	252	35162	4.239	ng	#	1
89) Benzo(k)fluoranthene	15.03	252	35162	4.436	ng	#	1
90) Benzo(a)pyrene	15.39	252	18645	2.492	ng	#	1
92) Benzo(g,h,i)perylene	17.31	276	12561	2.169	ng	#	1

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

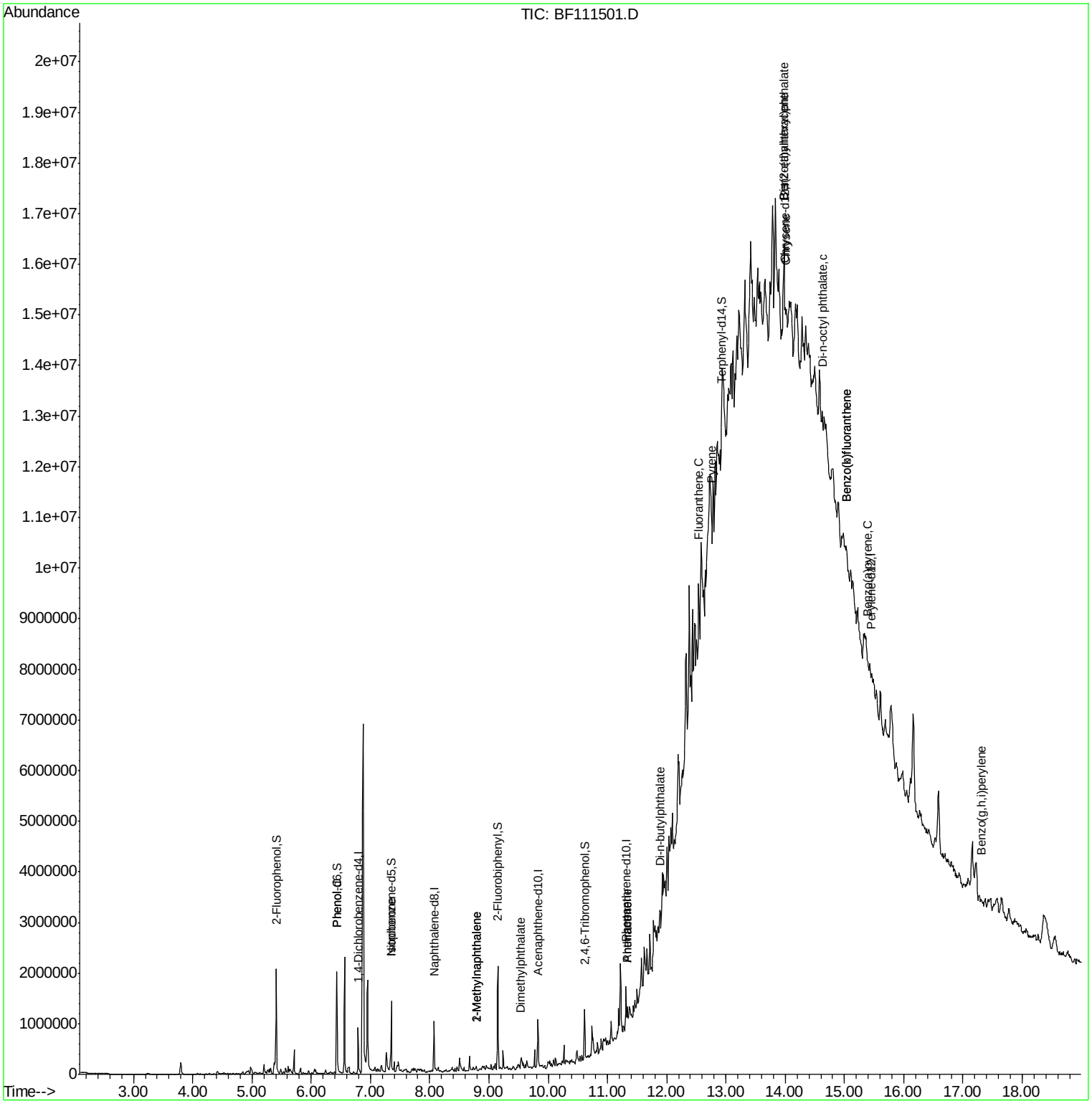
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\

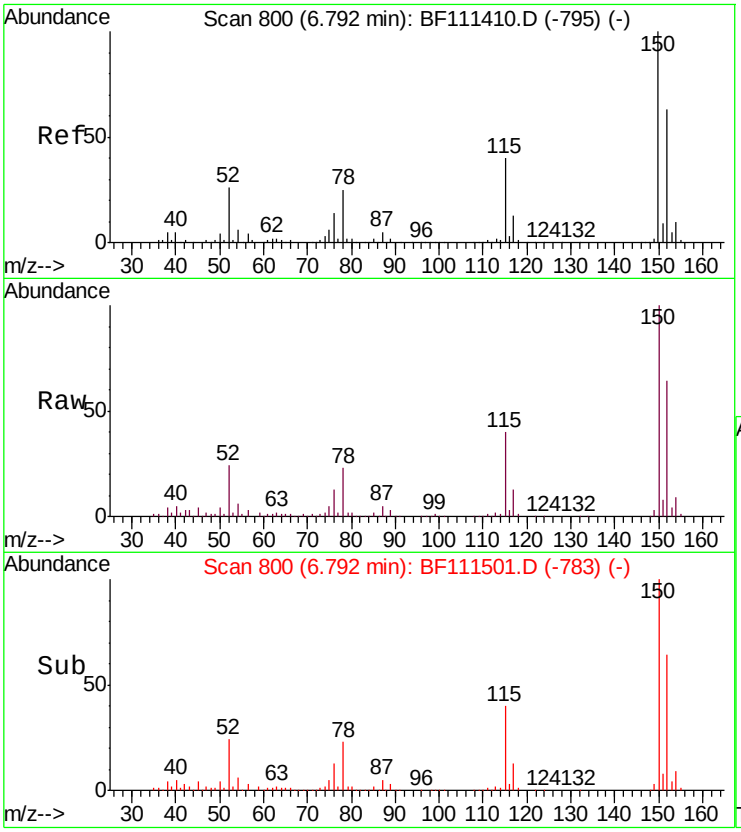
Quantitation Report (Not Reviewed)

Data File : BF111501.D
Acq On : 16 Dec 2018 7:55
Operator : JU/SJ
Sample : J64470-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Time: Dec 17 01:01:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



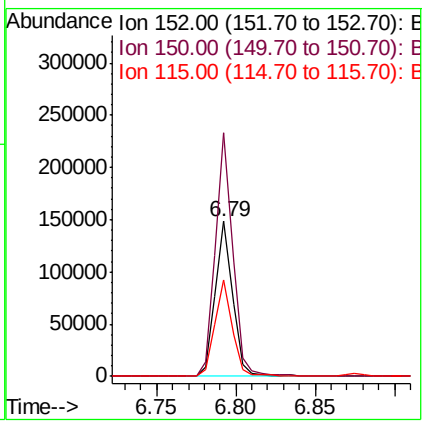


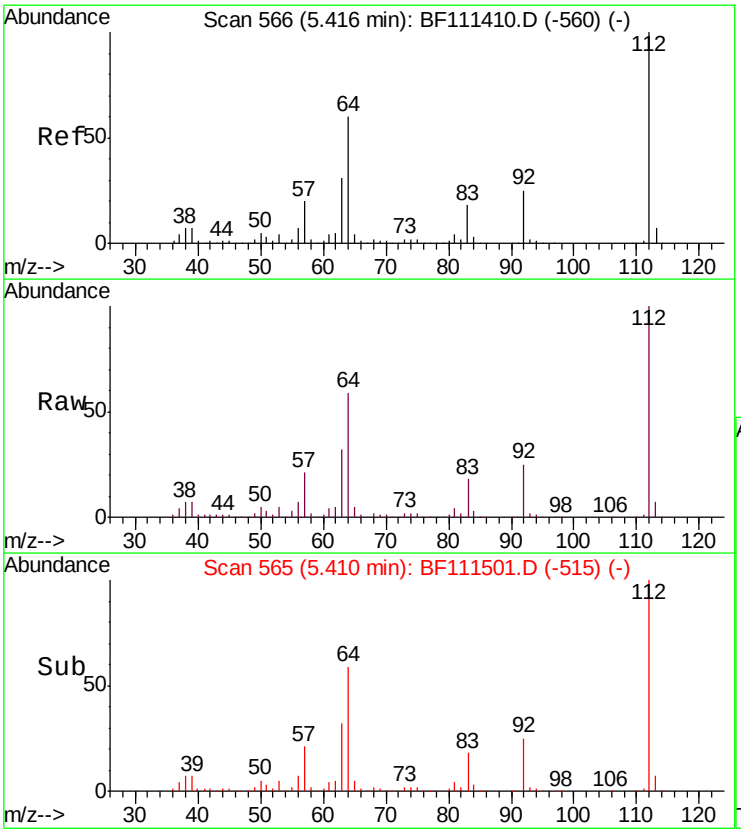
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 114320

Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.6	189.8
115	62.5	50.7	76.1

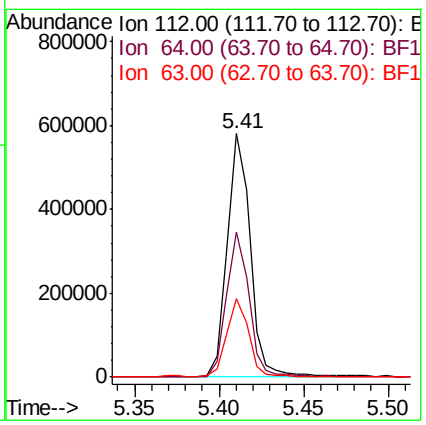


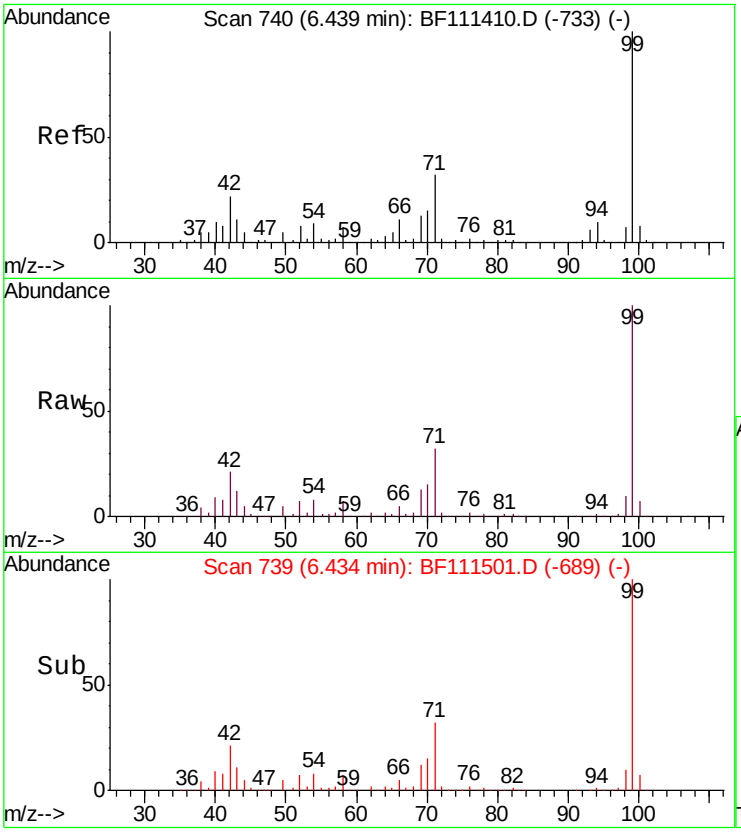


#5
2-Fluorophenol
Concen: 80.103 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:112 Resp: 550305

Ion	Ratio	Lower	Upper
112	100		
64	59.4	51.8	77.6
63	32.1	26.8	40.2



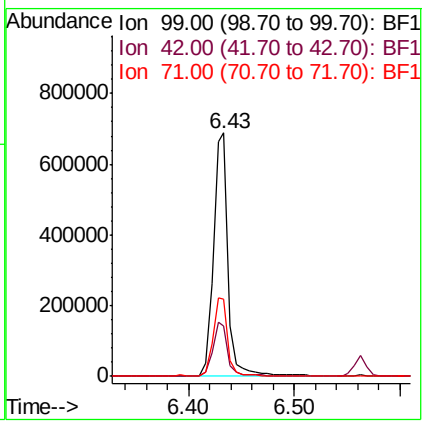


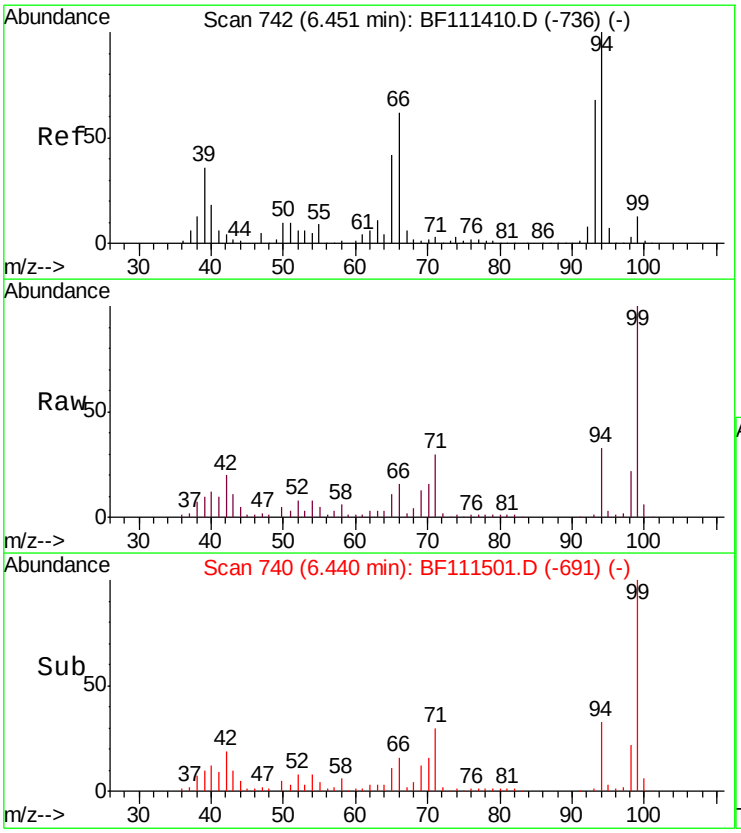
#7
Phenol-d6
Concen: 74.612 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 681818

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.4	26.0
71	31.6	26.1	39.1

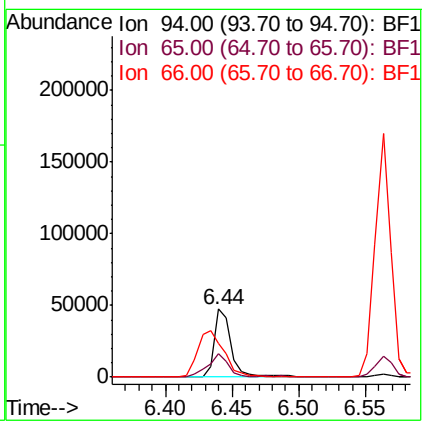


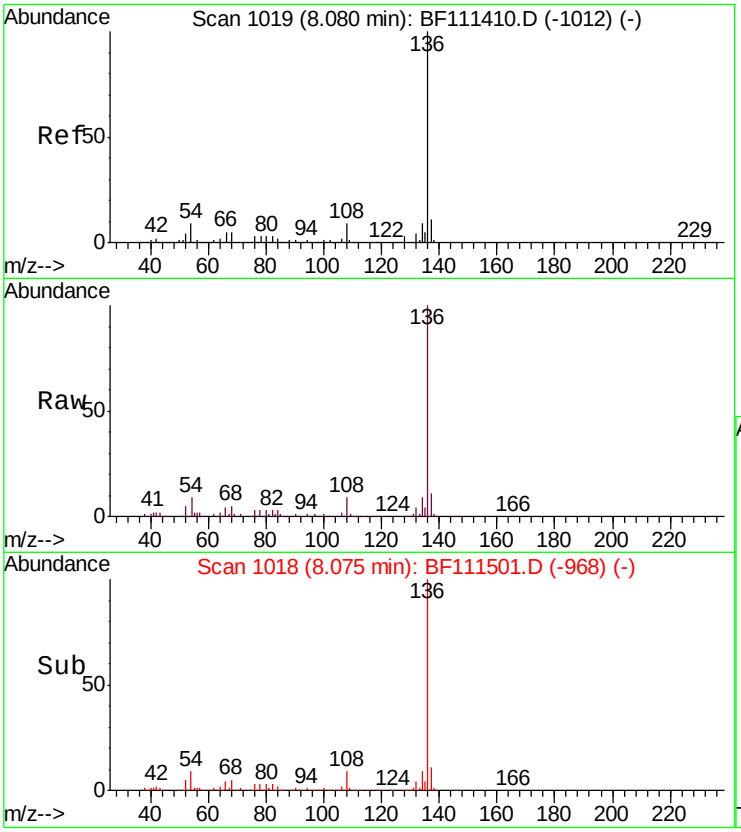


#10
Phenol
Concen: 4.260 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion: 94 Resp: 43363

Ion	Ratio	Lower	Upper
94	100		
65	33.6	11.7	51.7
66	49.1	21.0	61.0



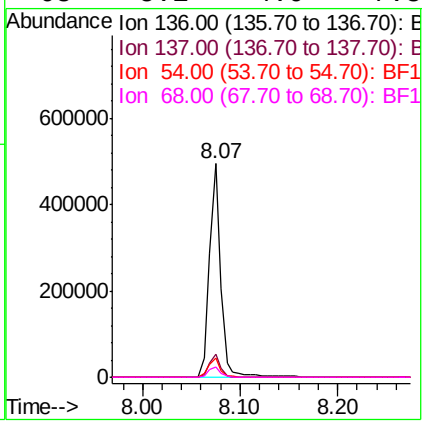


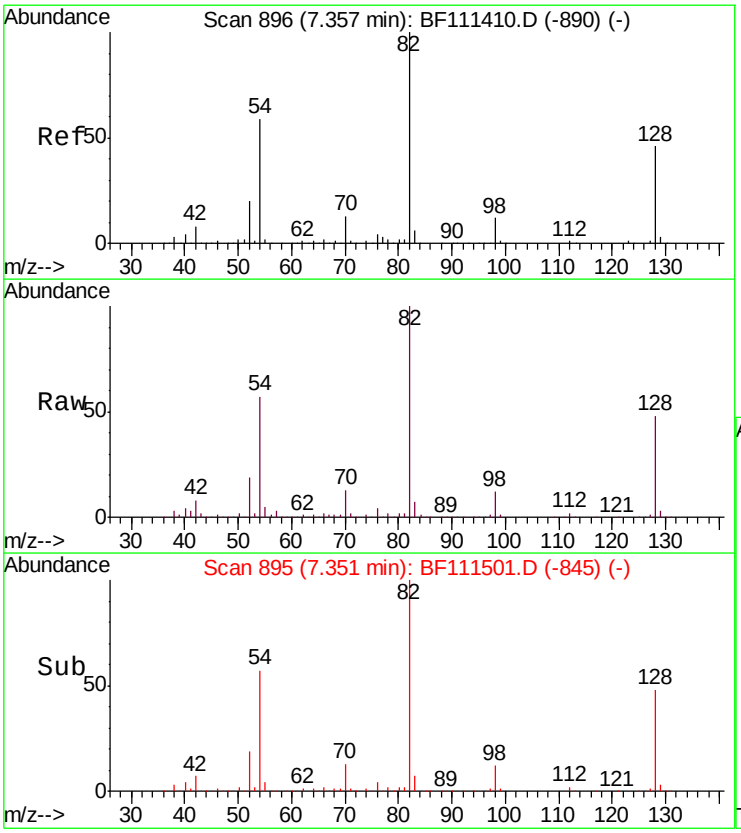
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:136 Resp: 398427

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.9	7.7	11.5
68	5.1	4.9	7.3

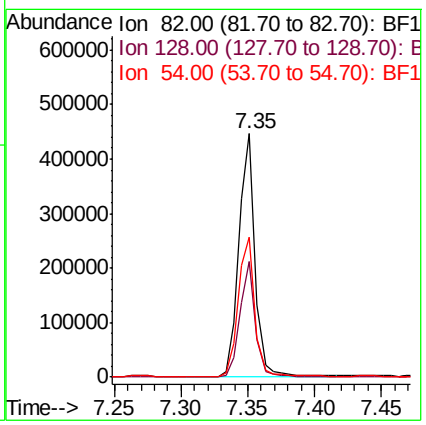


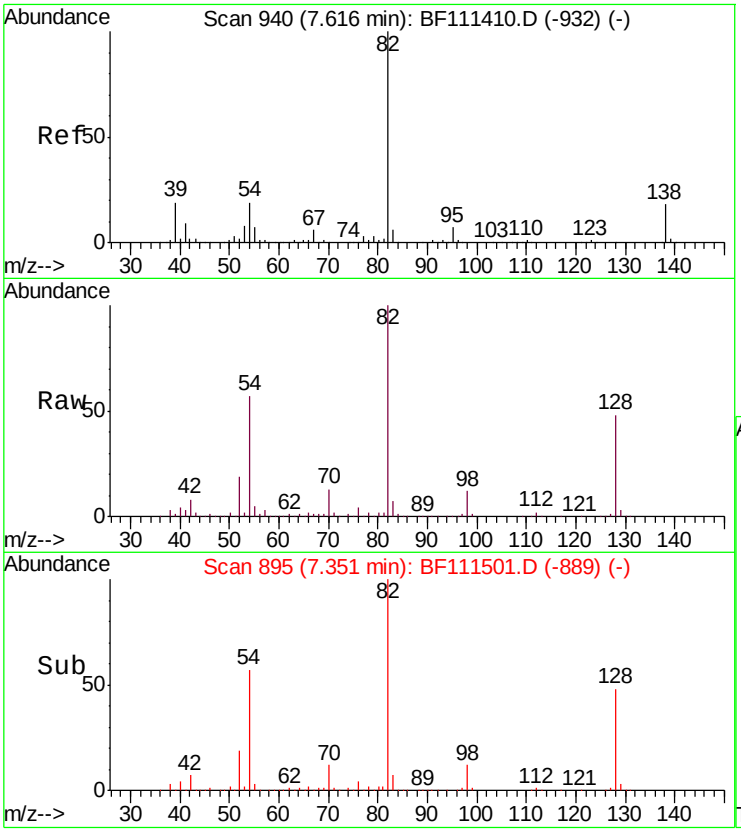


#23
Nitrobenzene-d5
Concen: 56.653 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion: 82 Resp: 379054

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.4	56.2
54	57.3	47.6	71.4



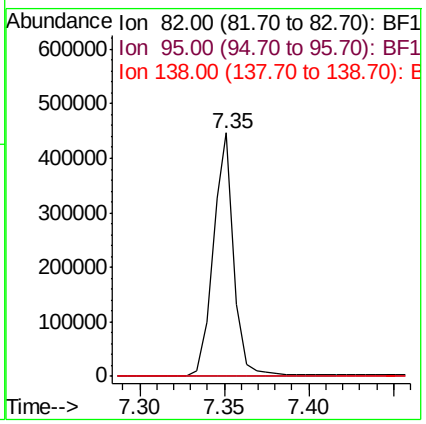


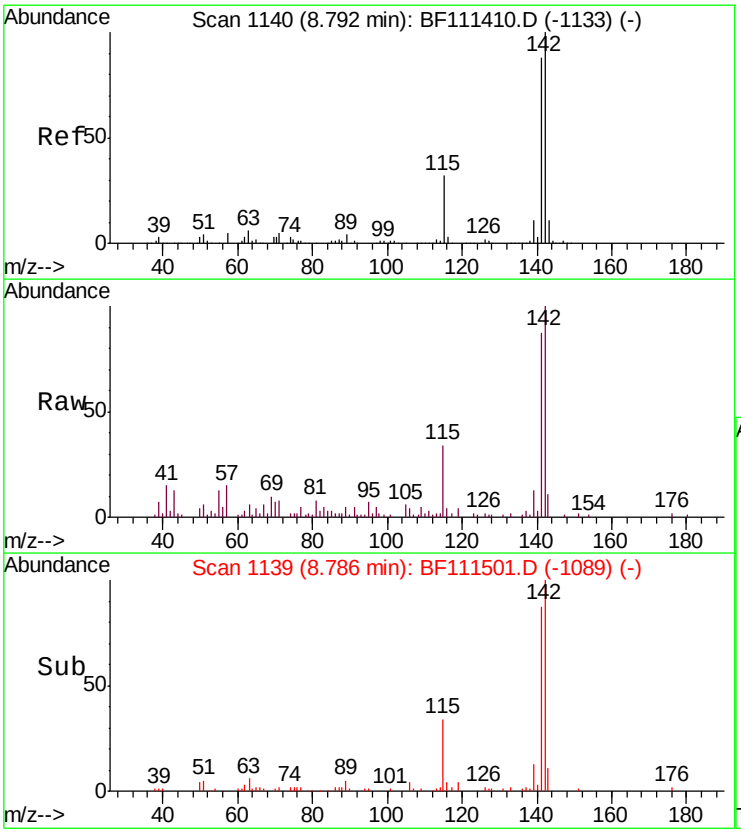
#25
Isophorone
Concen: 33.226 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion: 82 Resp: 376147

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.1	22.7#

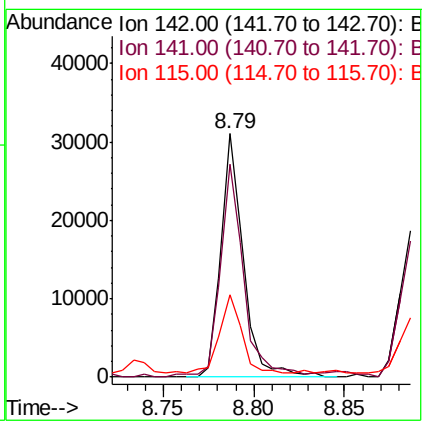


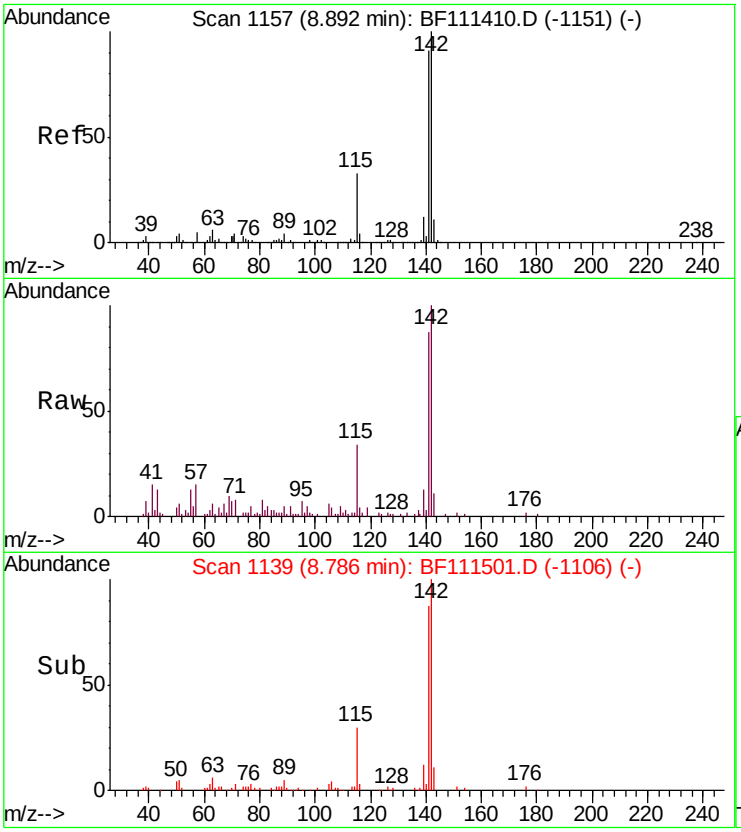


#37
2-Methylnaphthalene
Concen: 2.122 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:142 Resp: 26764

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.6	105.8
115	33.7	27.0	40.6



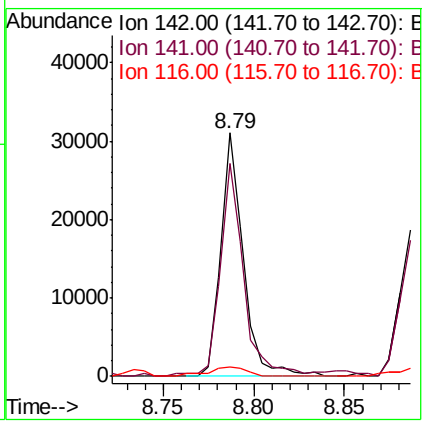


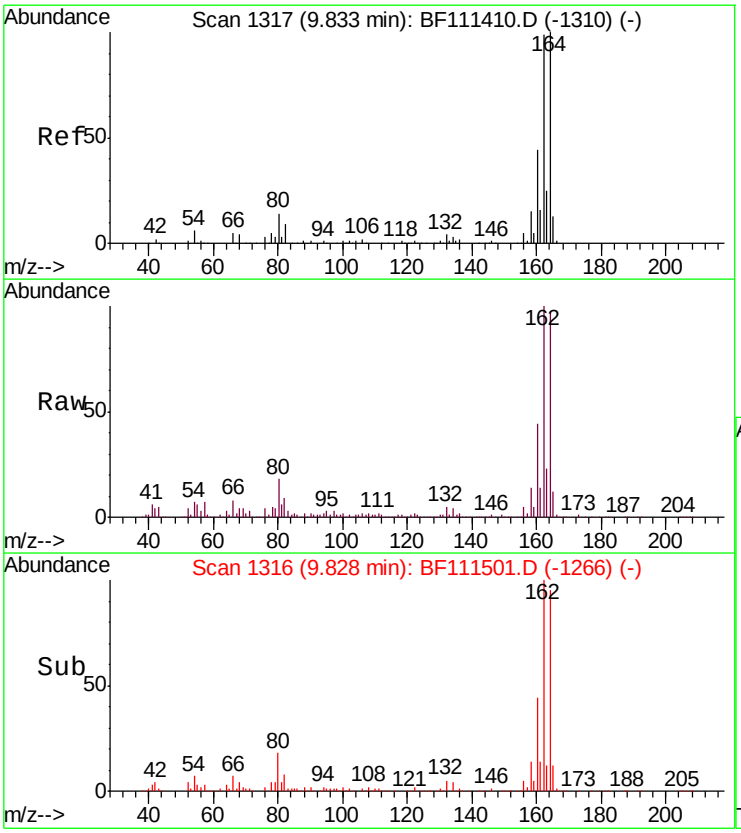
#38
1-Methylnaphthalene
Concen: 2.197 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.11 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:142 Resp: 26764

Ion	Ratio	Lower	Upper
142	100		
141	87.3	74.2	111.4
116	4.0	2.9	4.3

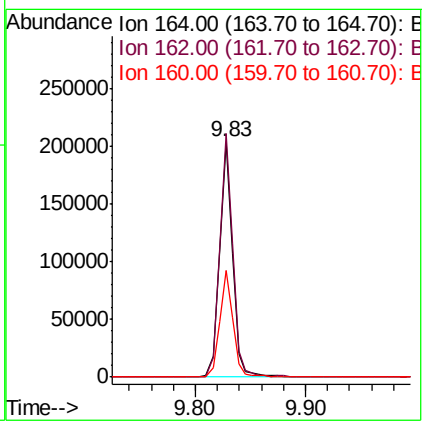


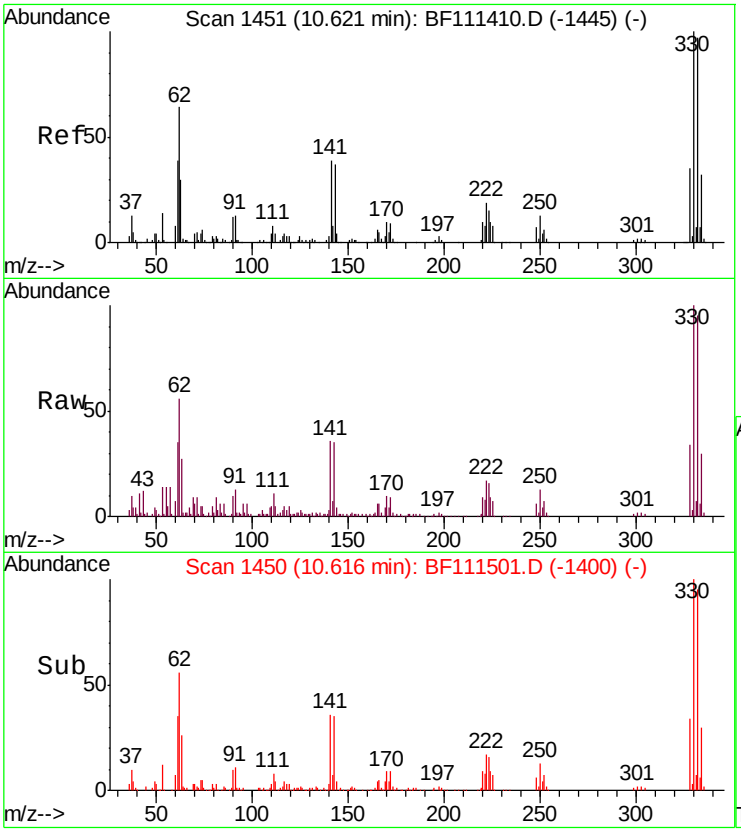


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:164 Resp: 170403

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.4	122.0
160	45.6	35.7	53.5



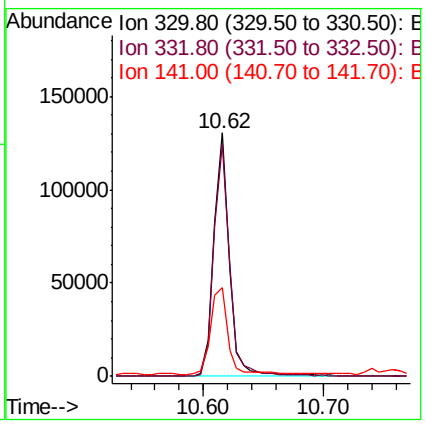


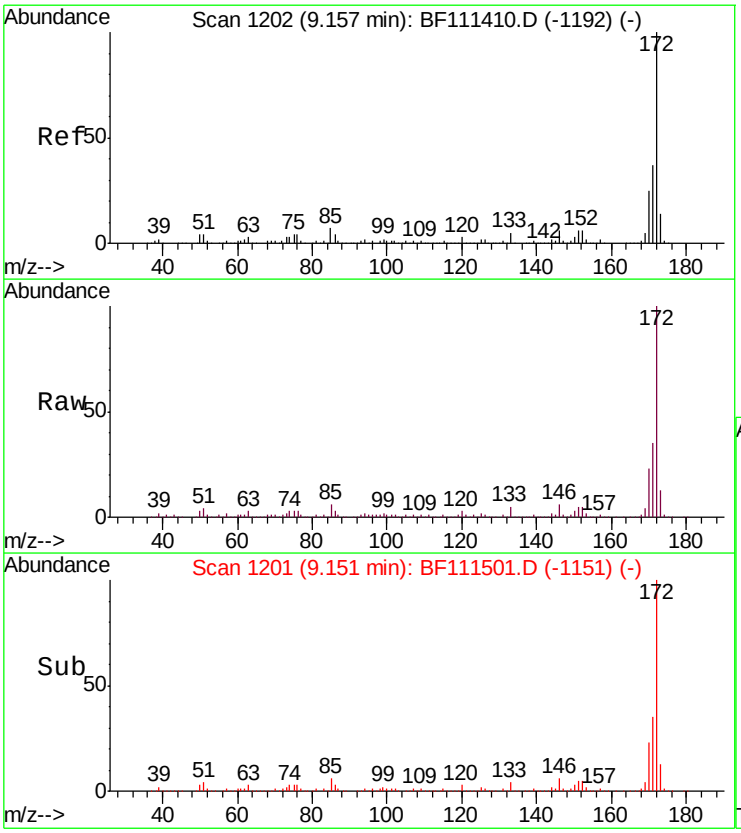
#42
2,4,6-Tribromophenol
Concen: 75.193 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:330 Resp: 114779

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.0	114.0
141	39.0	31.0	46.6

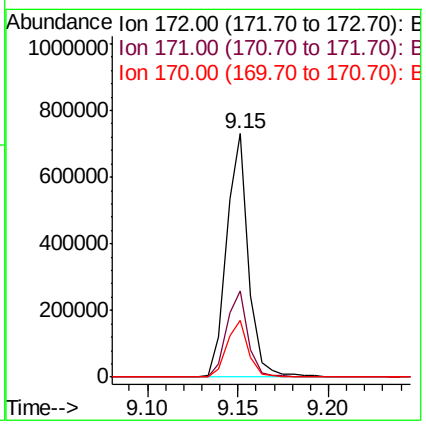


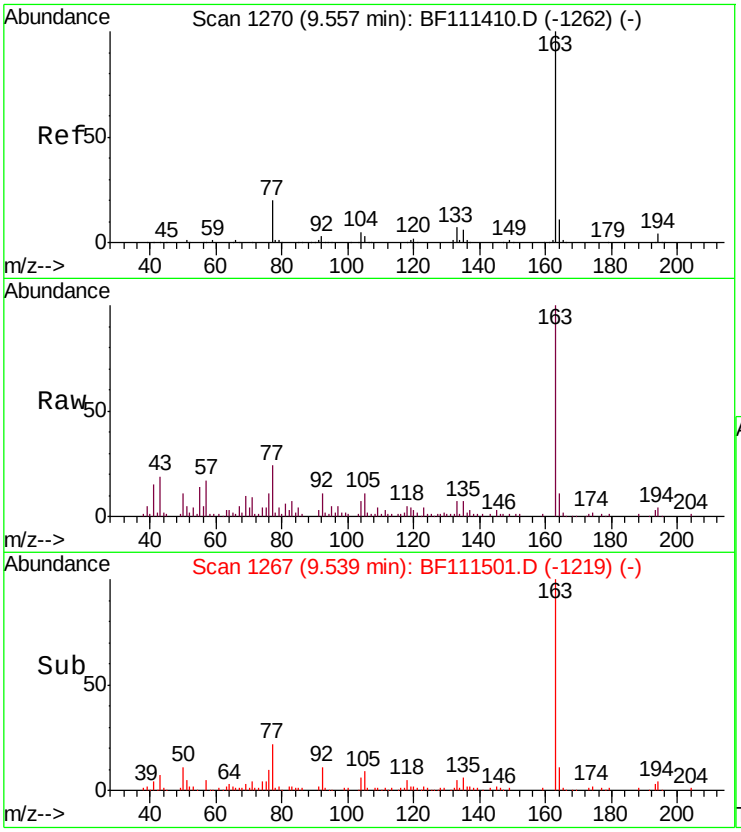


#45
2-Fluorobiphenyl
Concen: 55.549 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:172 Resp: 612808

Ion	Ratio	Lower	Upper
172	100		
171	35.4	33.0	49.4
170	23.2	22.3	33.5



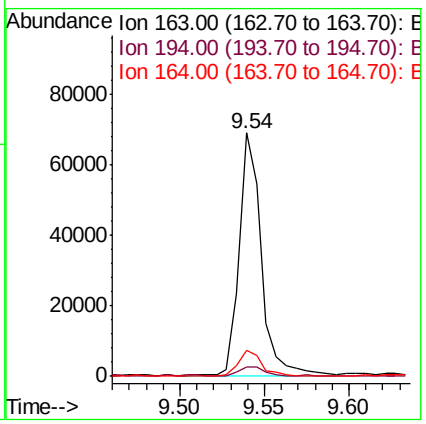


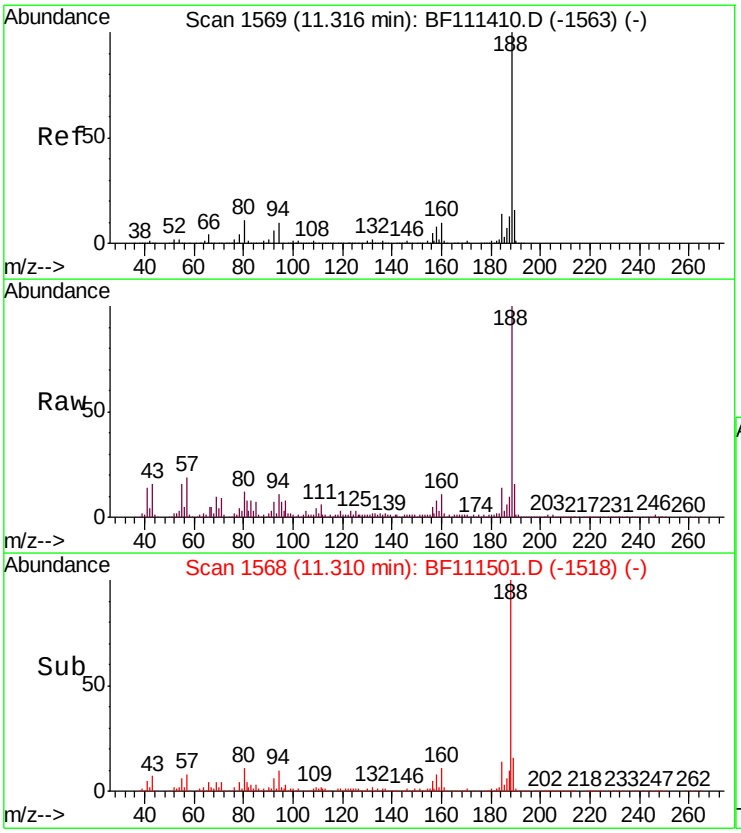
#50
Dimethylphthalate
Concen: 5.198 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:163 Resp: 63787

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.8	8.9	13.3

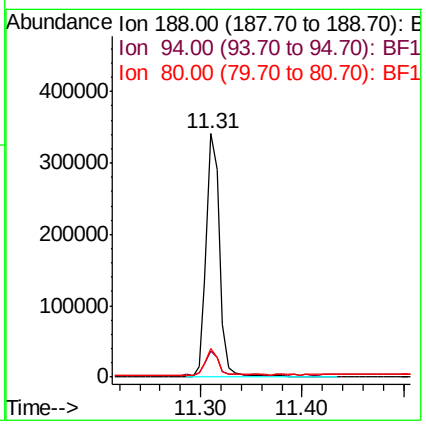


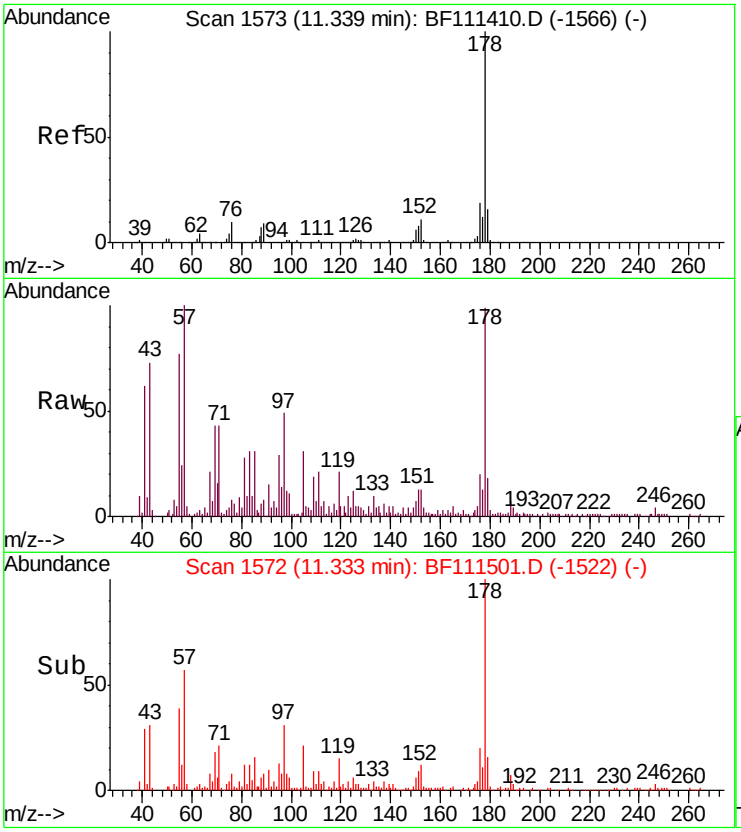


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:188 Resp: 319393

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.6	14.4
80	11.7	9.8	14.6



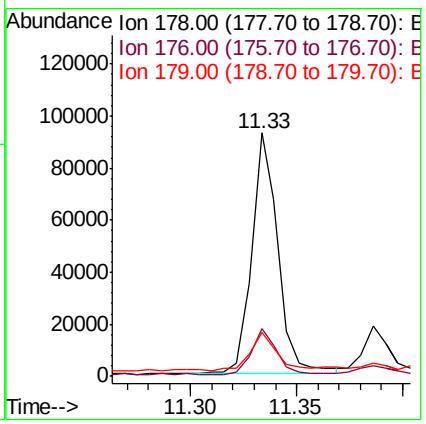


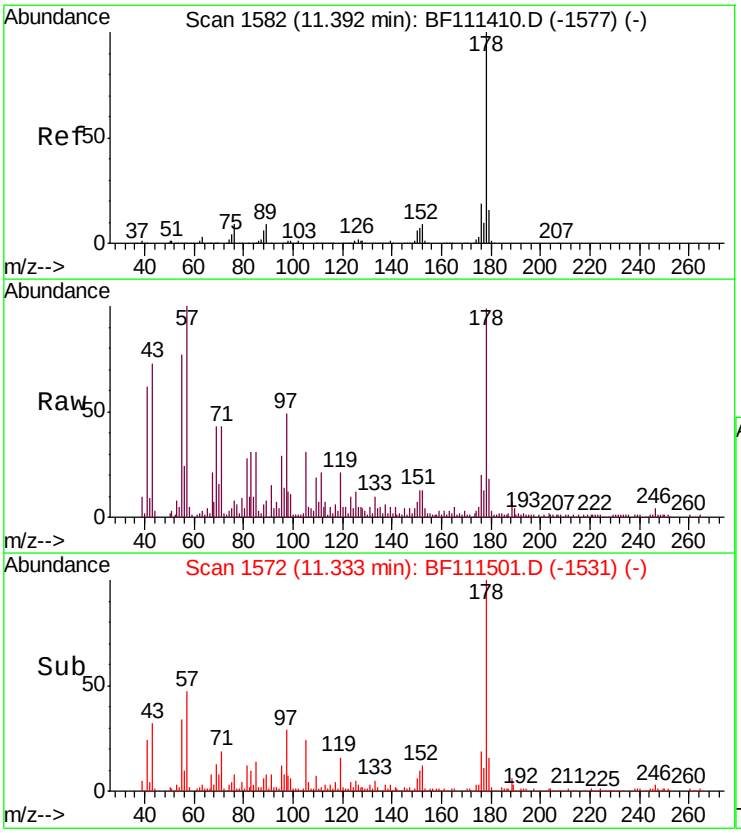
#71
Phenanthrene
Concen: 4.839 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:178 Resp: 79646

Ion	Ratio	Lower	Upper
178	100		
176	19.7	18.1	27.1
179	17.9	14.0	21.0

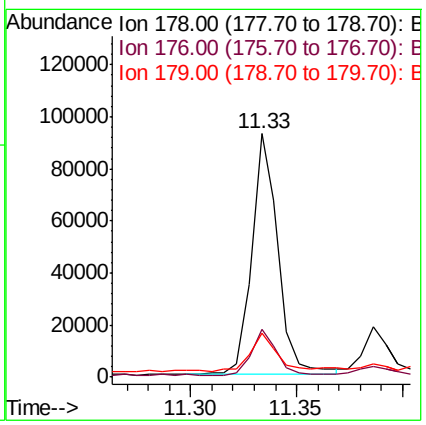


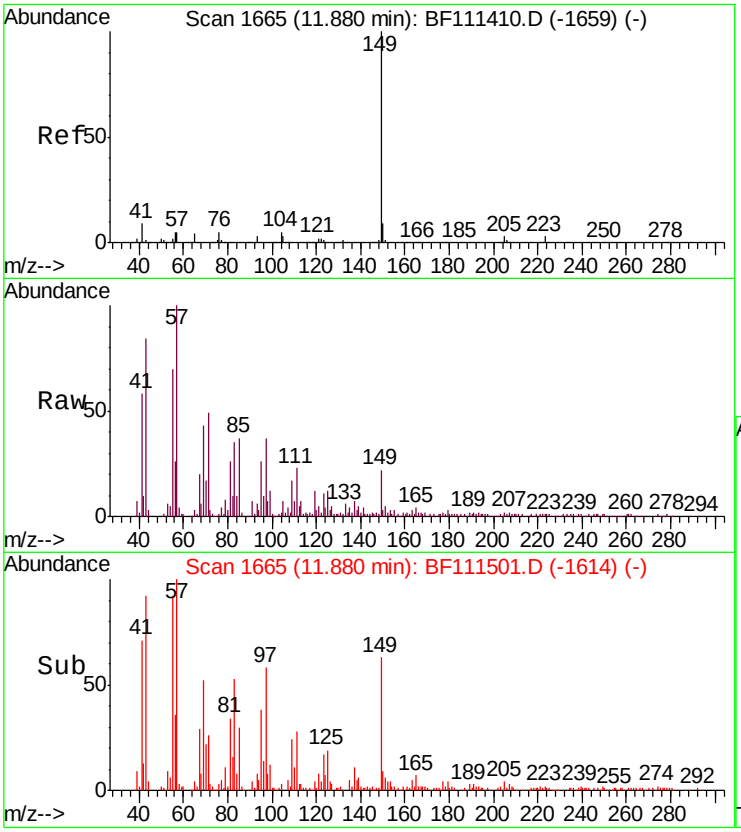


#72
Anthracene
Concen: 4.732 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.06 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:178 Resp: 79646

Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.2	25.8
179	17.9	13.8	20.8



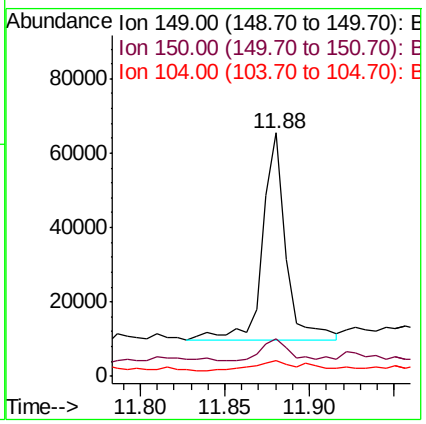


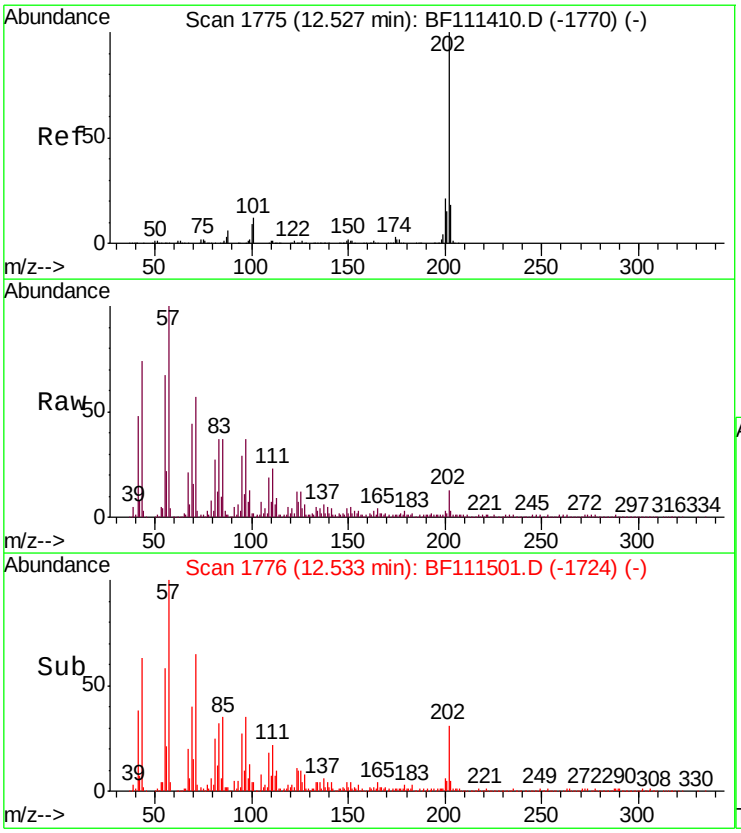
#74
Di-n-butylphthalate
Concen: 2.720 ng
RT: 11.88 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:149 Resp: 52722

Ion	Ratio	Lower	Upper
149	100		
150	15.5	8.8	13.2#
104	6.7	4.5	6.7

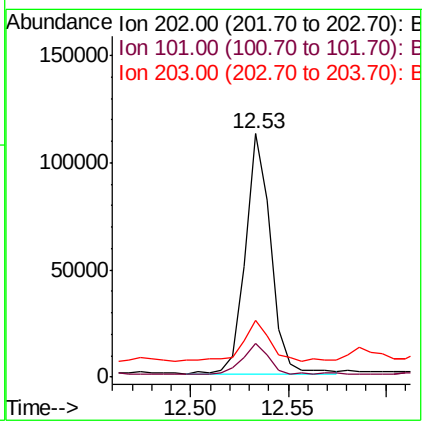


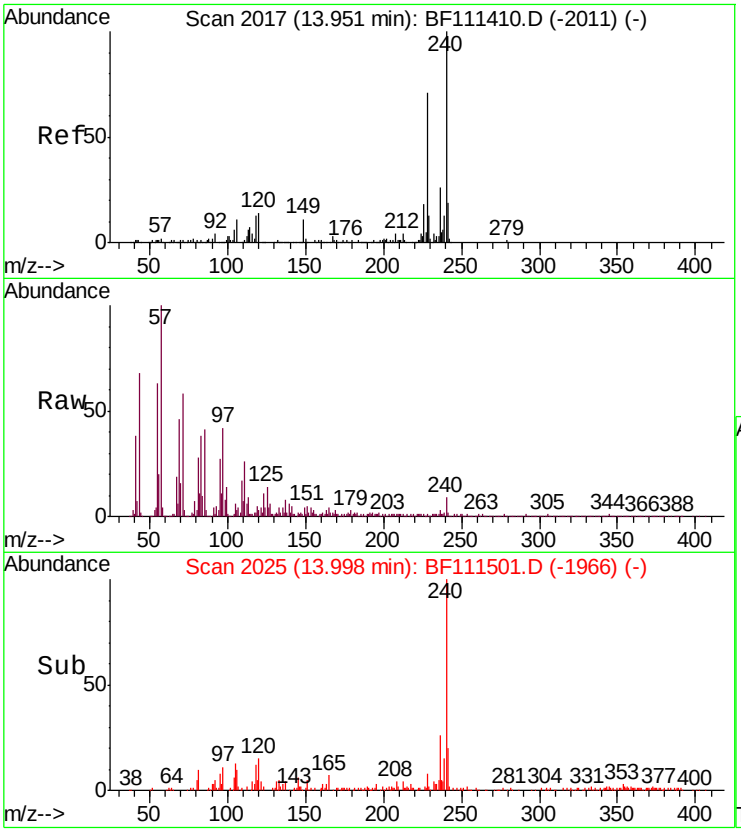


#75
Fluoranthene
Concen: 6.234 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:202 Resp: 100365

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.8
203	23.2	0.0	38.6



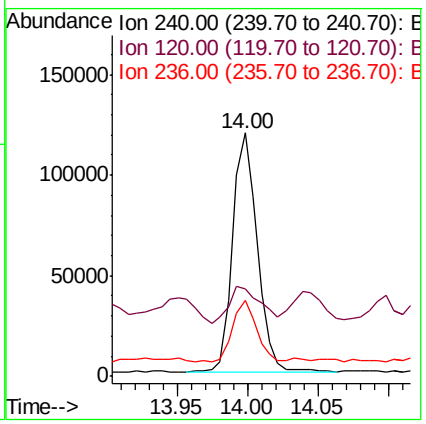


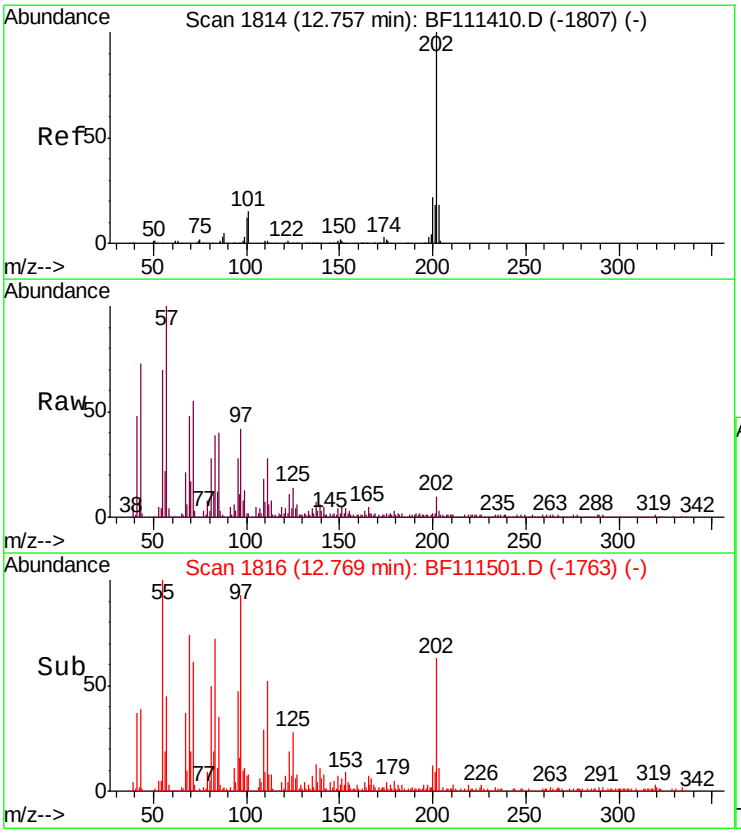
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.05 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:240 Resp: 145448

Ion	Ratio	Lower	Upper
240	100		
120	35.9	12.2	18.2#
236	31.0	20.2	30.2#

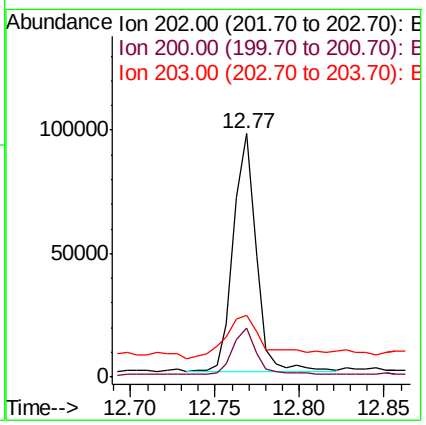


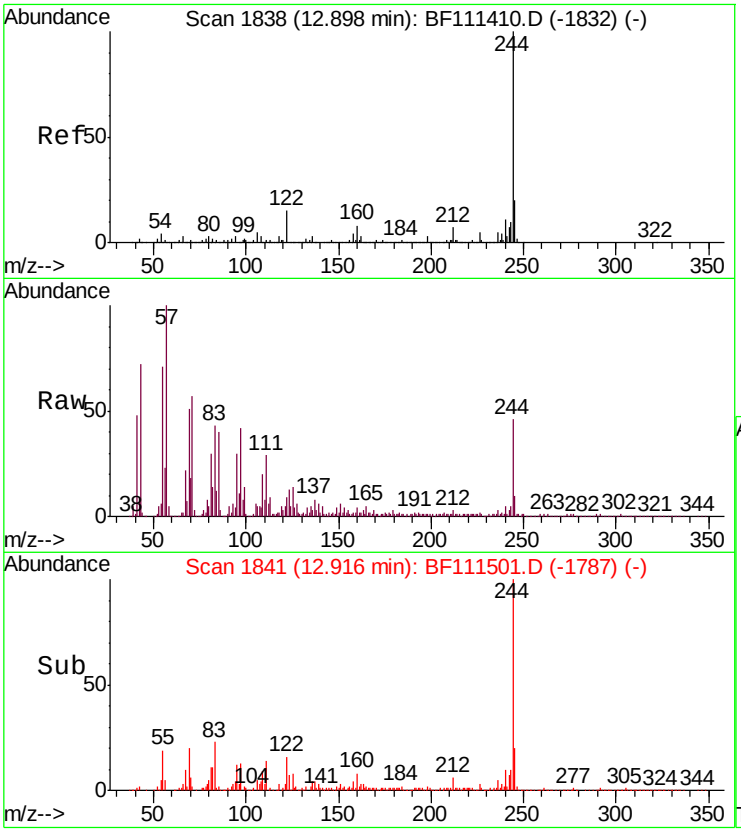


#78
Pyrene
Concen: 8.722 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:202 Resp: 89439

Ion	Ratio	Lower	Upper
202	100		
200	20.2	19.0	28.4
203	25.2	15.2	22.8#



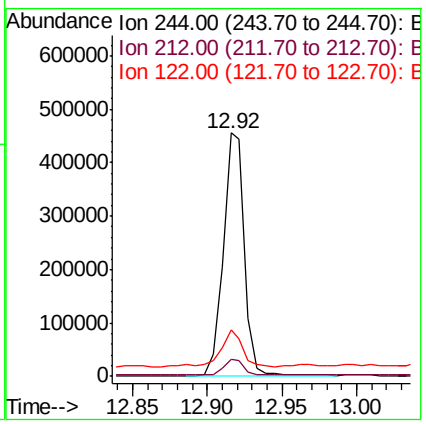


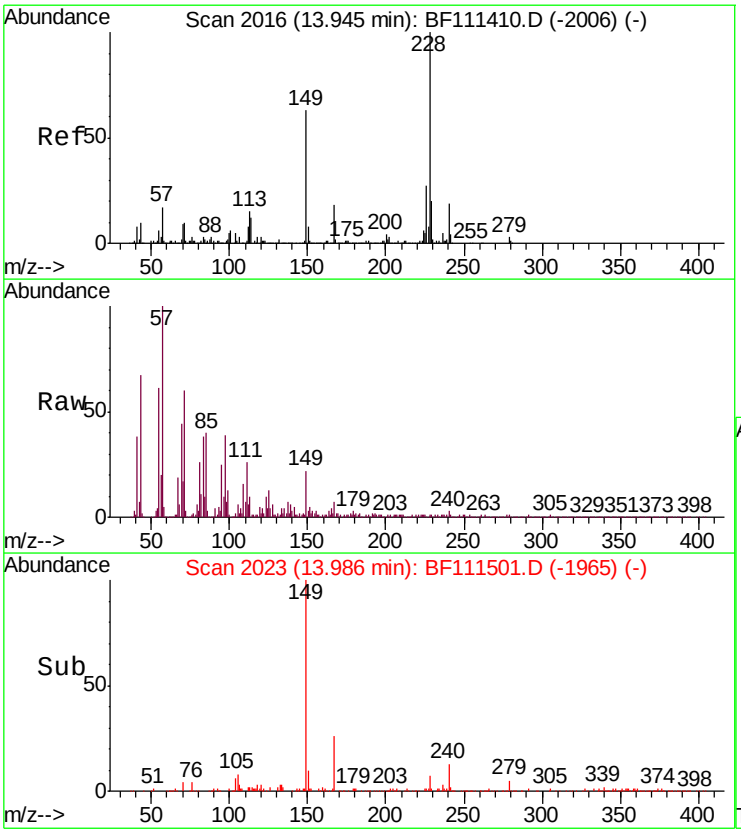
#79
Terphenyl-d14
Concen: 73.197 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.02 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:244 Resp: 453378

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	19.0	13.1	19.7

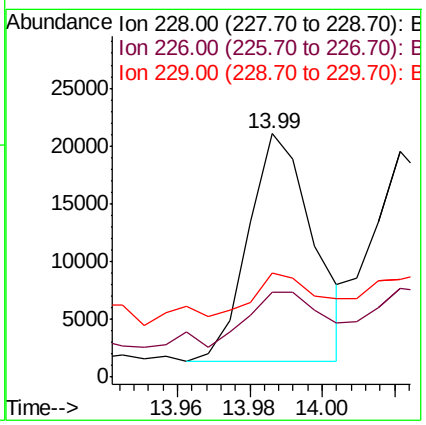


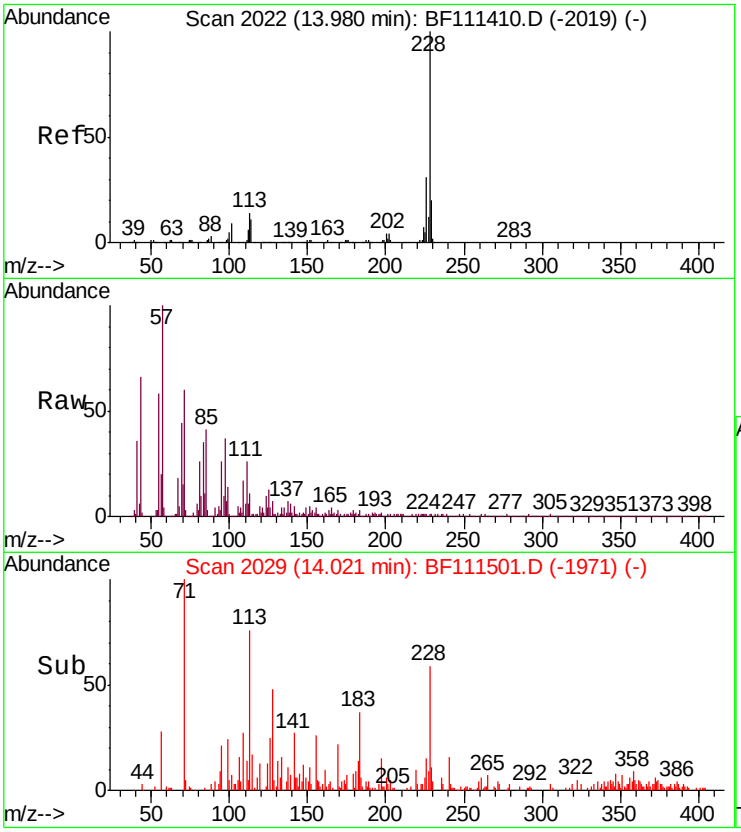


#81
Benzo(a)anthracene
Concen: 3.111 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.04 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:228 Resp: 24604

Ion	Ratio	Lower	Upper
228	100		
226	34.8	22.6	34.0#
229	43.0	16.3	24.5#



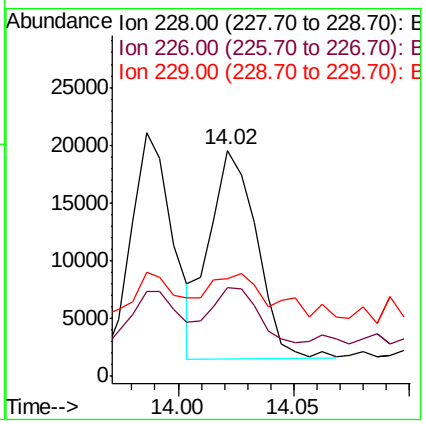


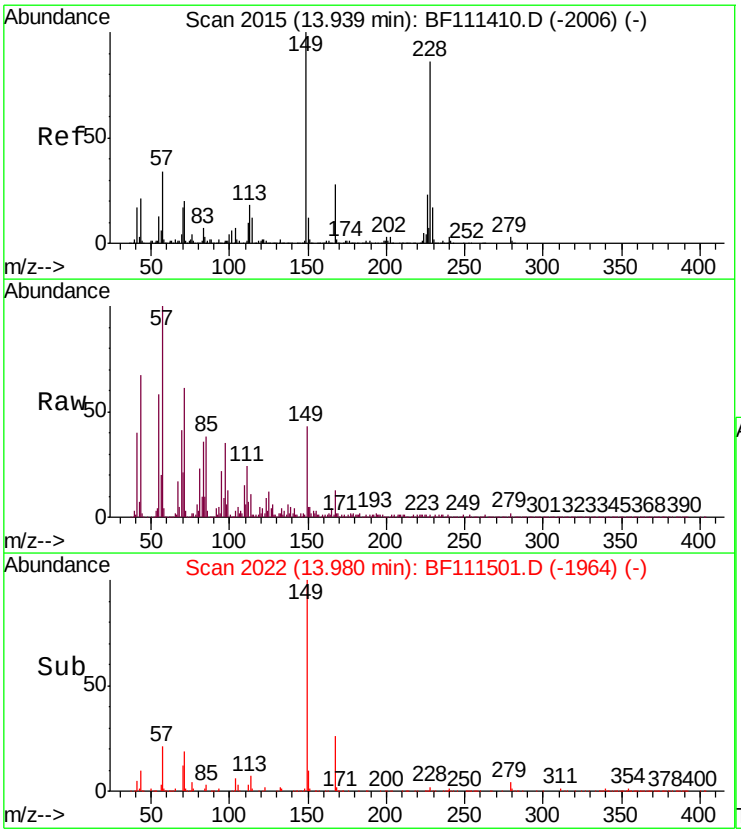
#83
Chrysene
Concen: 3.086 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.04 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:228 Resp: 25708

Ion	Ratio	Lower	Upper
228	100		
226	39.0	25.3	37.9#
229	43.1	17.2	25.8#

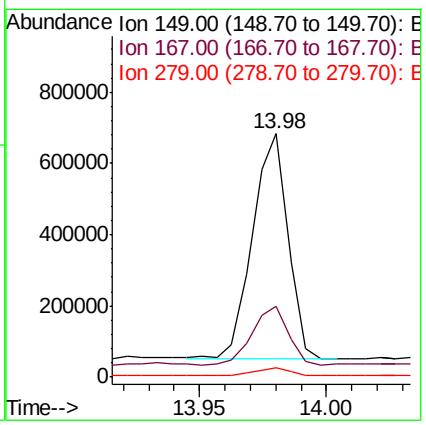


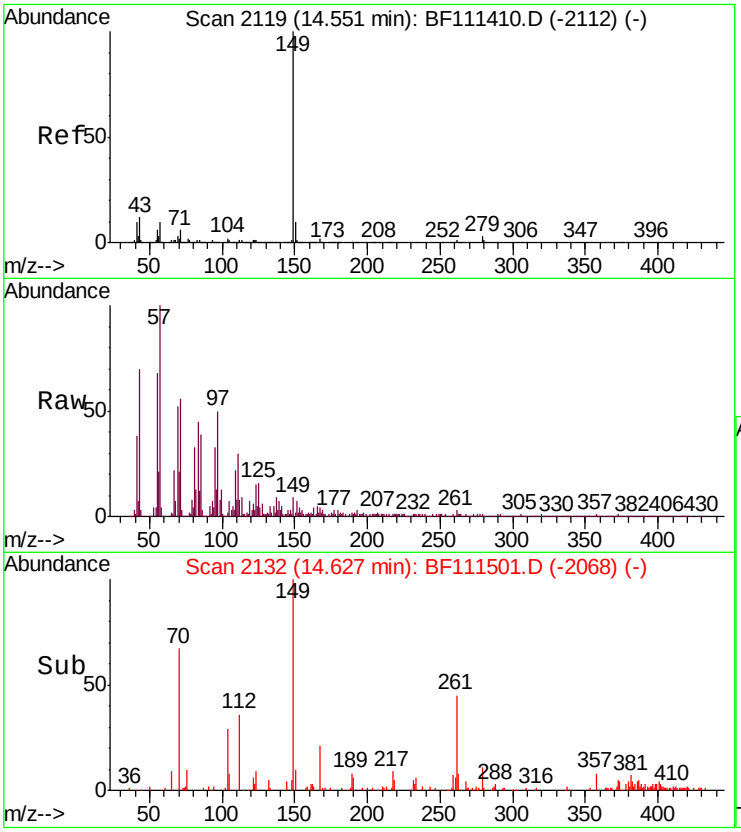


#84
Bis(2-ethylhexyl)phthalate
Concen: 96.833 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.04 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:149 Resp: 618205

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.5	33.7
279	4.0	2.6	4.0



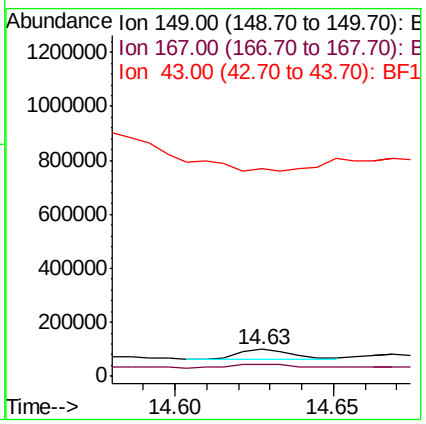


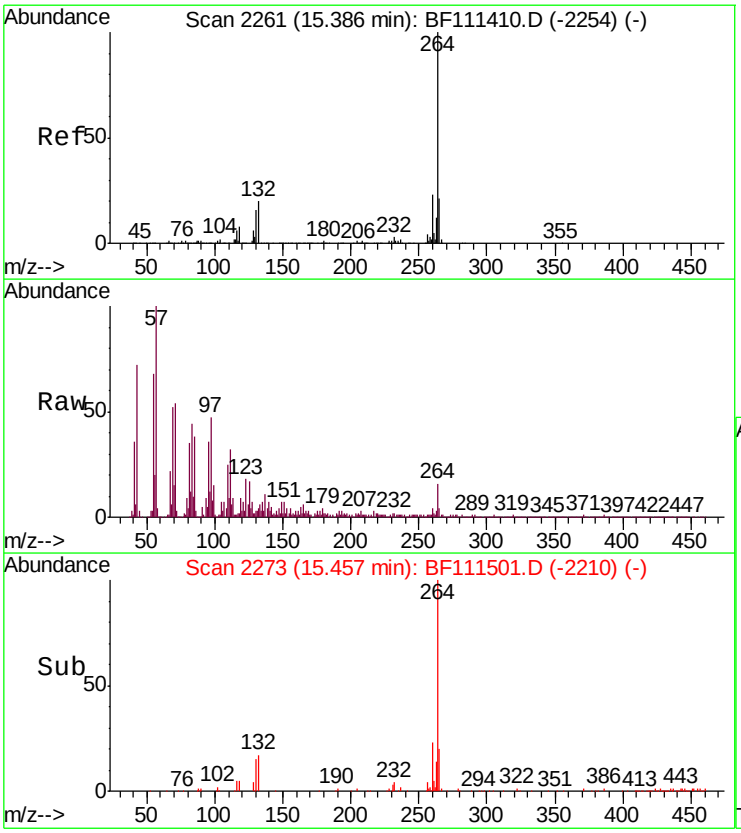
#85
Di-n-octyl phthalate
Concen: 3.974 ng
RT: 14.63 min Scan# 2132
Delta R.T. 0.08 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:149 Resp: 42791

Ion	Ratio	Lower	Upper
149	100		
167	50.1	1.3	1.9#
43	0.0	10.9	16.3#

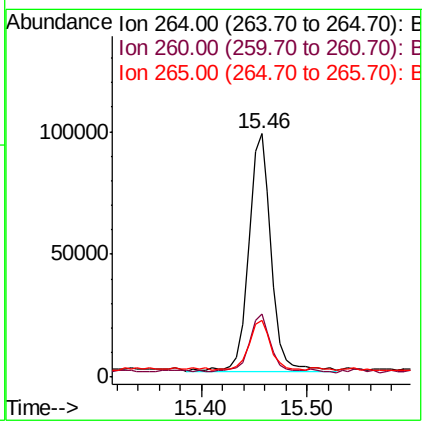


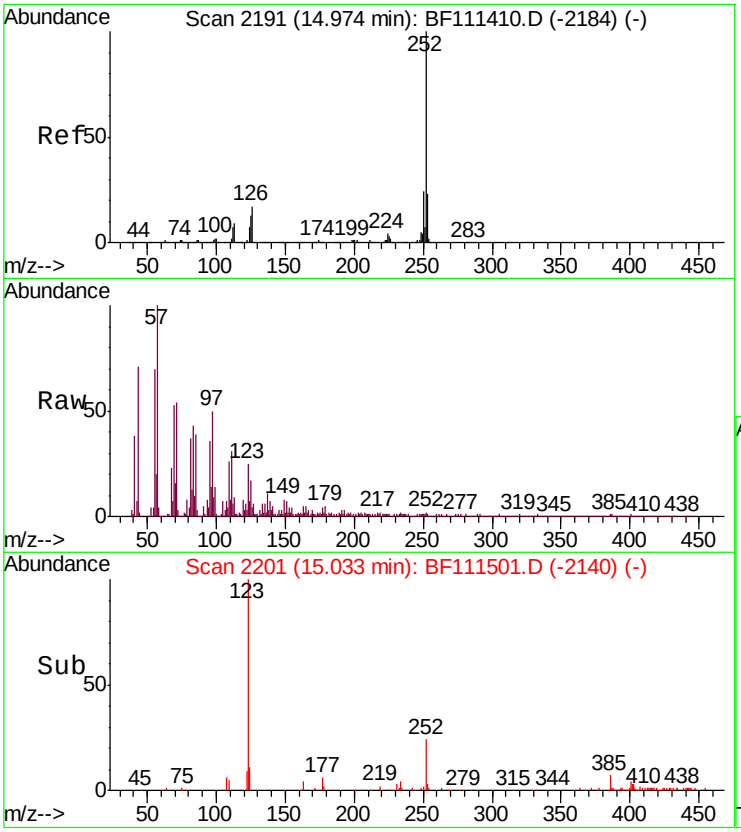


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.07 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:264 Resp: 142286

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.3	27.5
265	23.2	17.7	26.5



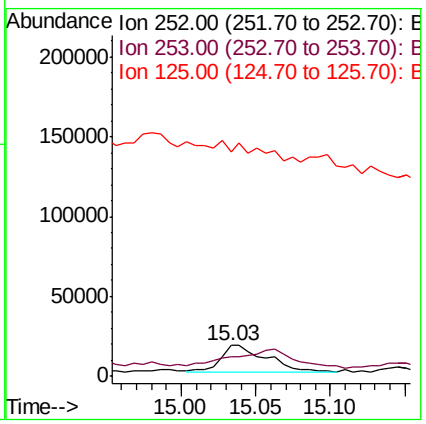


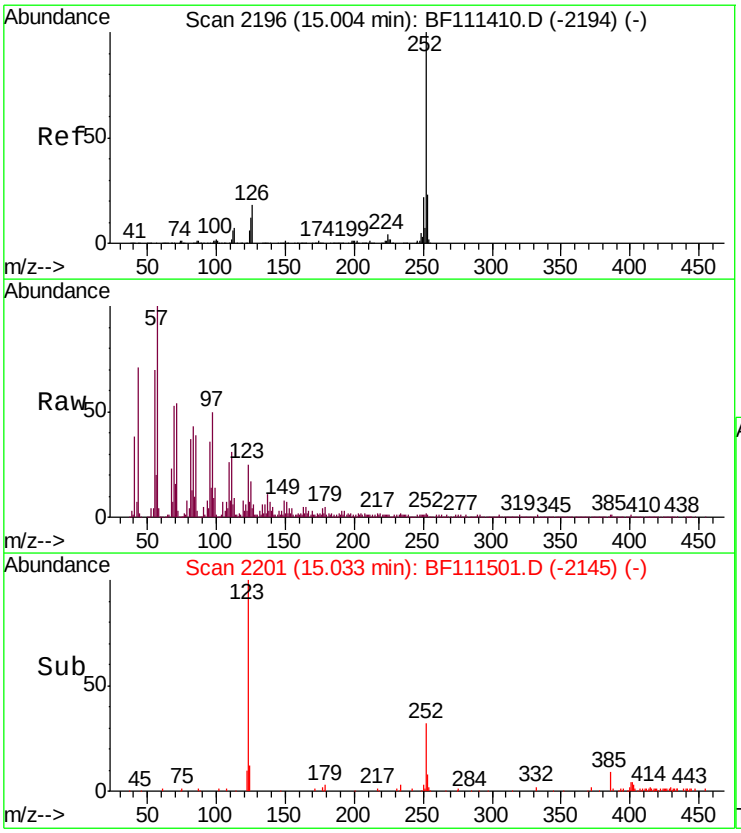
#88
Benzo(b)fluoranthene
Concen: 4.239 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.06 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:252 Resp: 35162

Ion	Ratio	Lower	Upper
252	100		
253	63.1	18.2	27.2#
125	725.5	10.4	15.6#

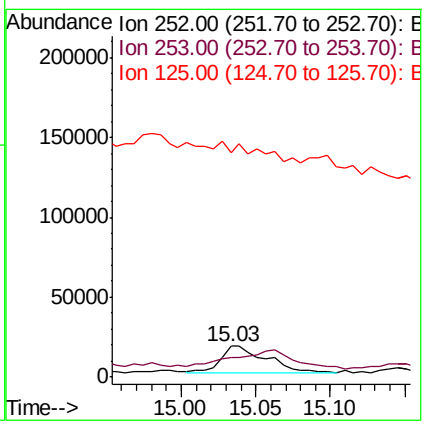


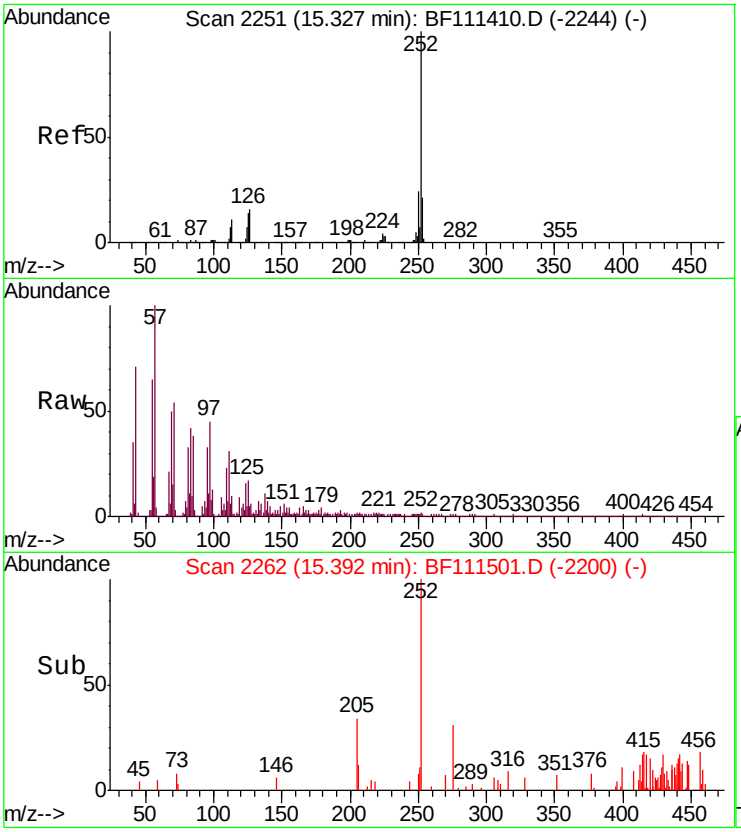


#89
Benzo(k)fluoranthene
Concen: 4.436 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.03 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:252 Resp: 35162

Ion	Ratio	Lower	Upper
252	100		
253	63.1	18.1	27.1#
125	725.5	9.8	14.8#



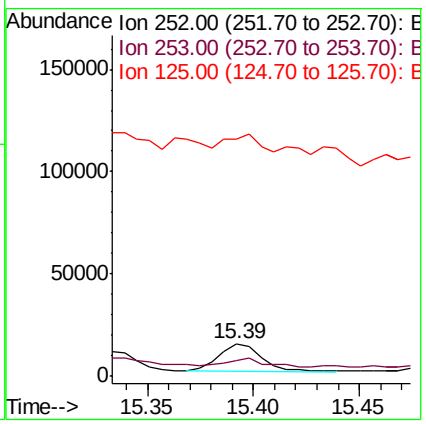


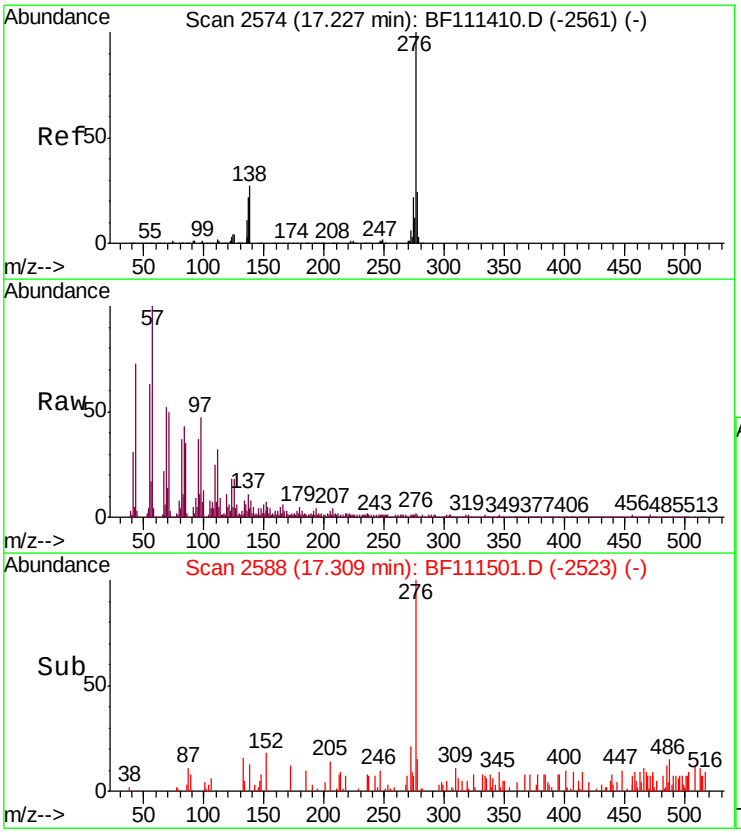
#90
Benzo(a)pyrene
Concen: 2.492 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.06 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:252 Resp: 18645

Ion	Ratio	Lower	Upper
252	100		
253	47.7	17.8	26.8#
125	727.4	12.3	18.5#





#92
Benzo(g,h,i)perylene
Concen: 2.169 ng
RT: 17.31 min Scan# 2588
Delta R.T. 0.08 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:276 Resp: 12561

Ion	Ratio	Lower	Upper
276	100		
277	52.6	19.2	28.8#
138	174.7	24.9	37.3#