Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100919\
Data File : BF117355.D
Acq On : 9 Oct 2019 15:18
Operator : JU
Sample : K5165-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NBP-2019

Quant Time: Oct 09 16:21:25 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	6.80	152	43913	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	173452	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	86444	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	122324	20.00	ng		0.00
76) Chrysene-d12	13.97	240	92219	20.00	ng		0.00
87) Perylene-d12	15.43	264	105712	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	266310	94.68	ng		0.00
7) Phenol-d6	6.45	99	359464	98.89	ng		0.00
23) Nitrobenzene-d5	7.36	82	224839	68.11	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	64260	88.94	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	424439	76.77	ng		0.00
79) Terphenyl-d14	12.90	244	315607	63.97	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	9.55	163	39713	6.488	ng		100
71) Phenanthrene	11.35	178	86099	12.392	ng		100
72) Anthracene	11.40	178	25149	3.545	ng		97
75) Fluoranthene	12.54	202	146889	20.576	ng		98
78) Pyrene	12.77	202	130031	16.805	ng		97
81) Benzo(a)anthracene	13.96	228	73852	11.986	ng		96
83) Chrysene	13.99	228	71611	11.917	ng		97
84) Bis(2-ethylhexyl)phthalate	13.93	149	12263	2.601	ng	#	93
86) Indeno(1,2,3-cd)pyrene	16.89	276	35793	8.164	ng		95
88) Benzo(b)fluoranthene	15.01	252	97290m	15.194	ng		
89) Benzo(k)fluoranthene	15.03	252	28172m	4.644	ng		
90) Benzo(a)pyrene	15.37	252	62075	11.047	ng	#	91
91) Dibenzo(a,h)anthracene	16.89	278	9535	2.130	ng	#	73
92) Benzo(g,h,i)perylene	17.33	276	34065	7.637	ng		96

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

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Acq On : 9 Oct 2019 15:18
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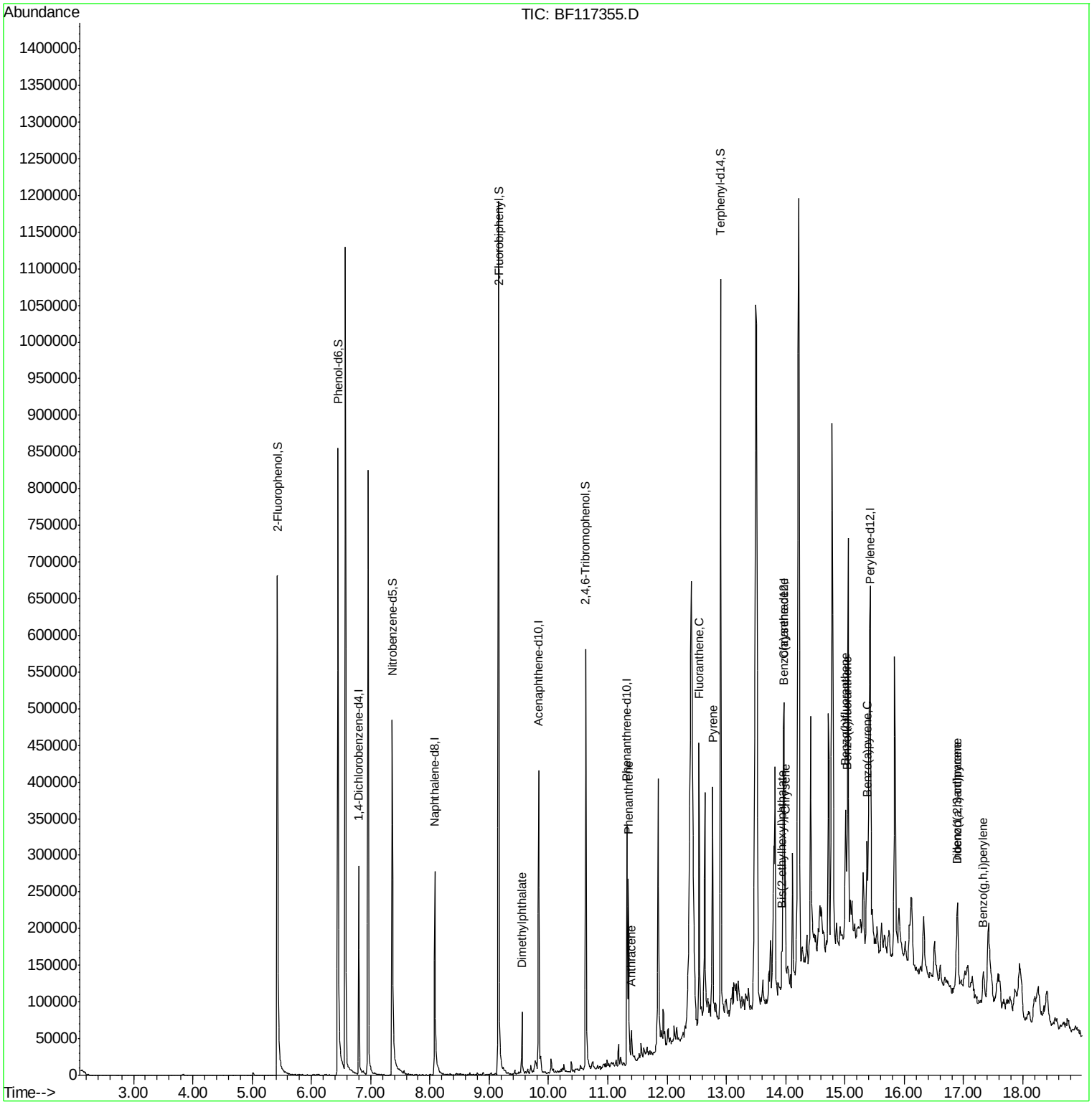
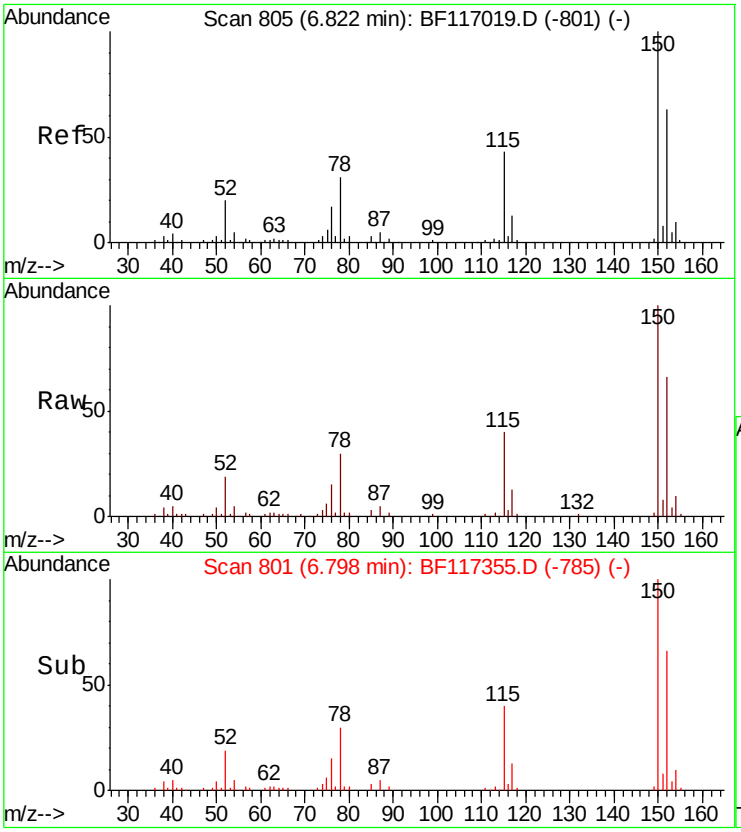
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Quant Time: Oct 09 16:21:25 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



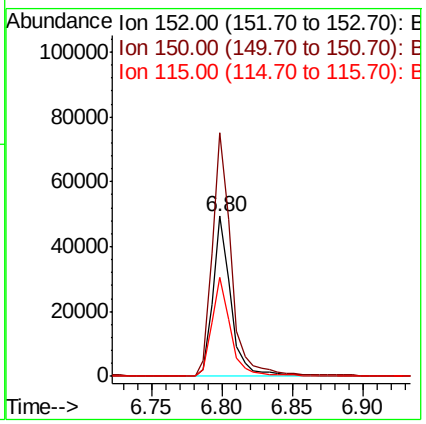


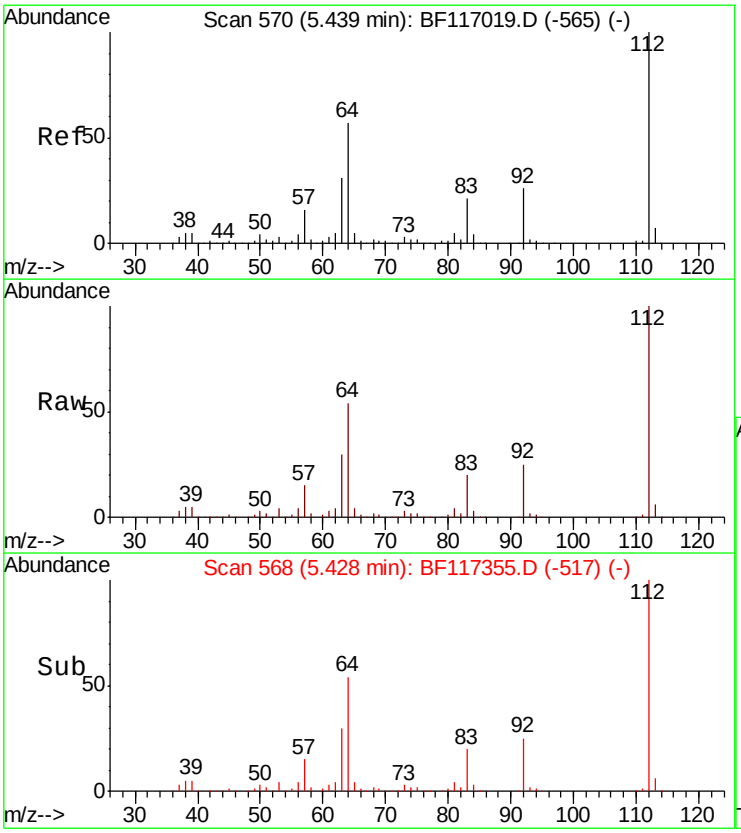
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:152 Resp: 43913

Ion	Ratio	Lower	Upper
152	100		
150	151.9	127.5	191.3
115	61.5	55.0	82.4

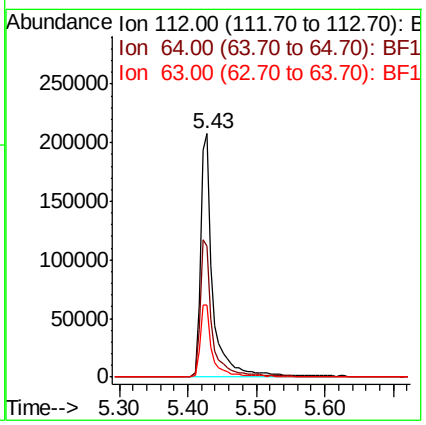


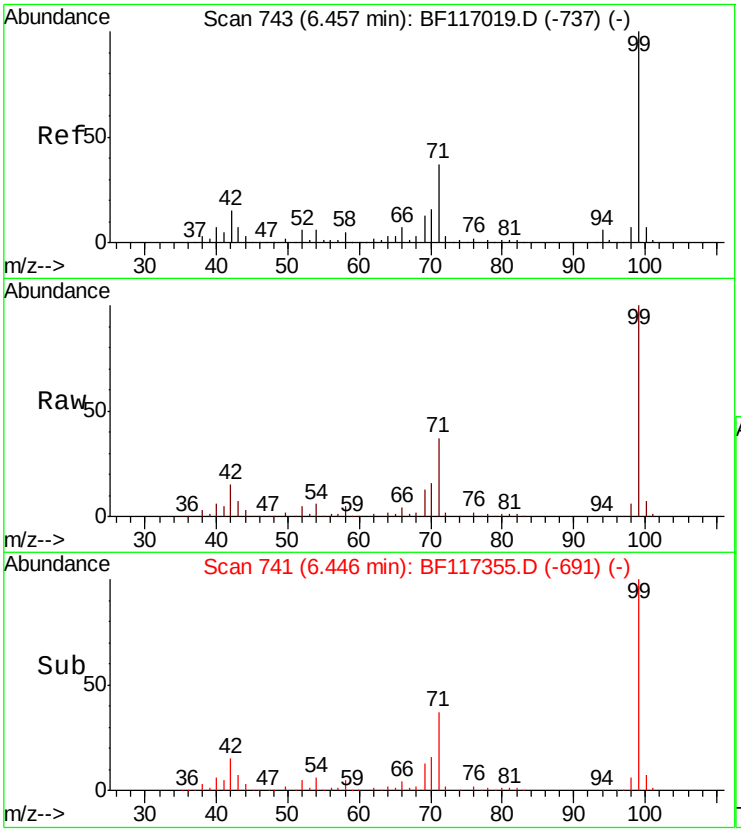


#5
2-Fluorophenol
Concen: 94.682 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Tgt Ion:112 Resp: 266310

Ion	Ratio	Lower	Upper
112	100		
64	53.7	45.7	68.5
63	29.8	24.9	37.3



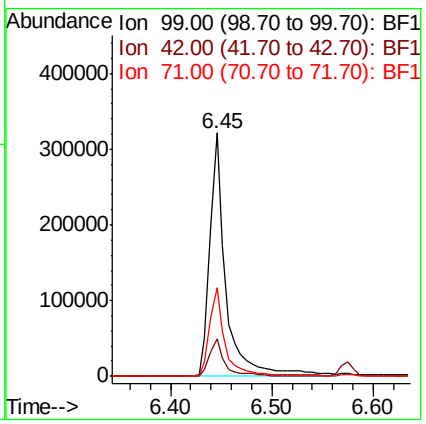


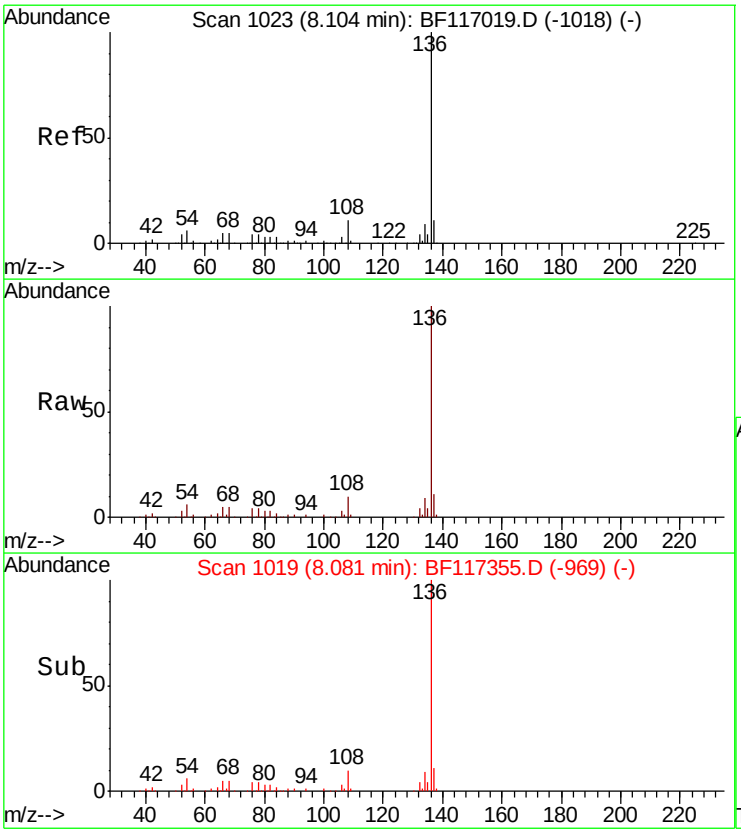
#7
Phenol-d6
Concen: 98.890 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion: 99 Resp: 359464

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	36.6	29.8	44.8

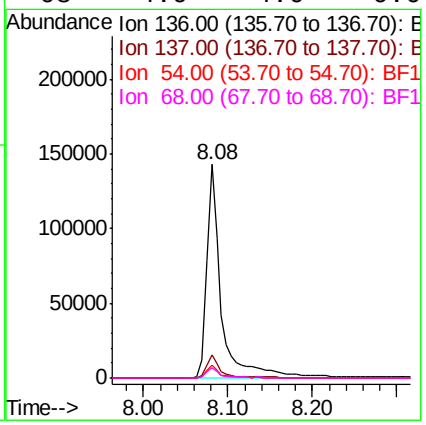


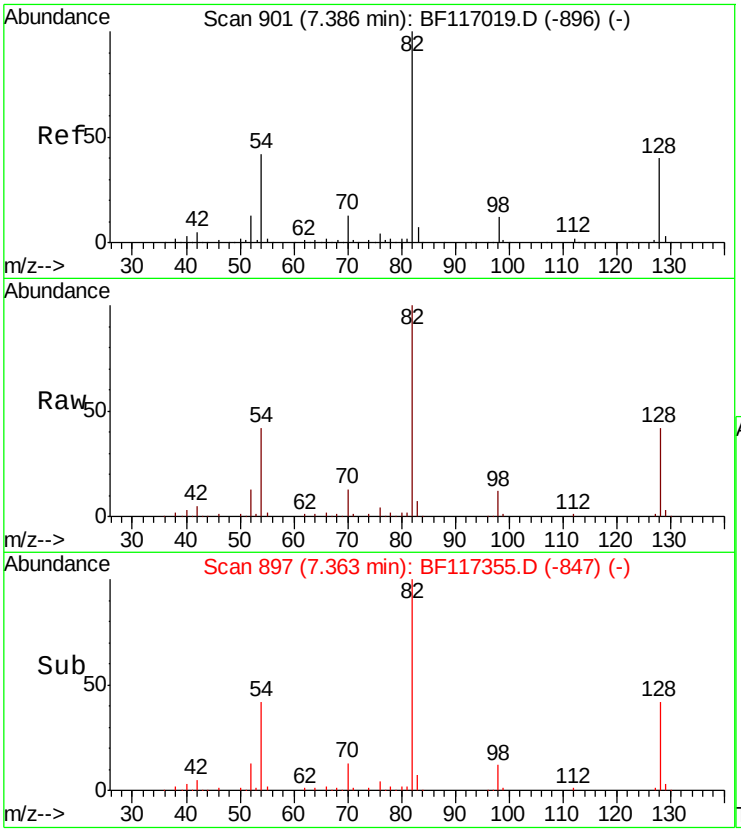


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Tgt Ion:136 Resp: 173452

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.0	4.5	6.7
68	4.9	4.0	6.0



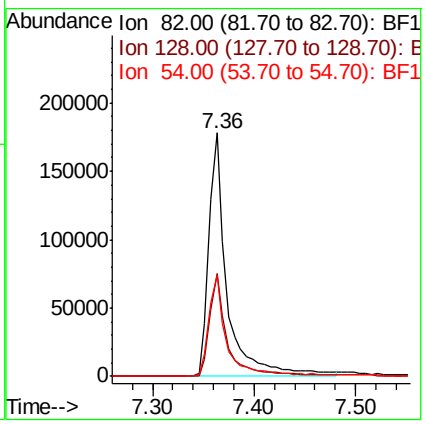


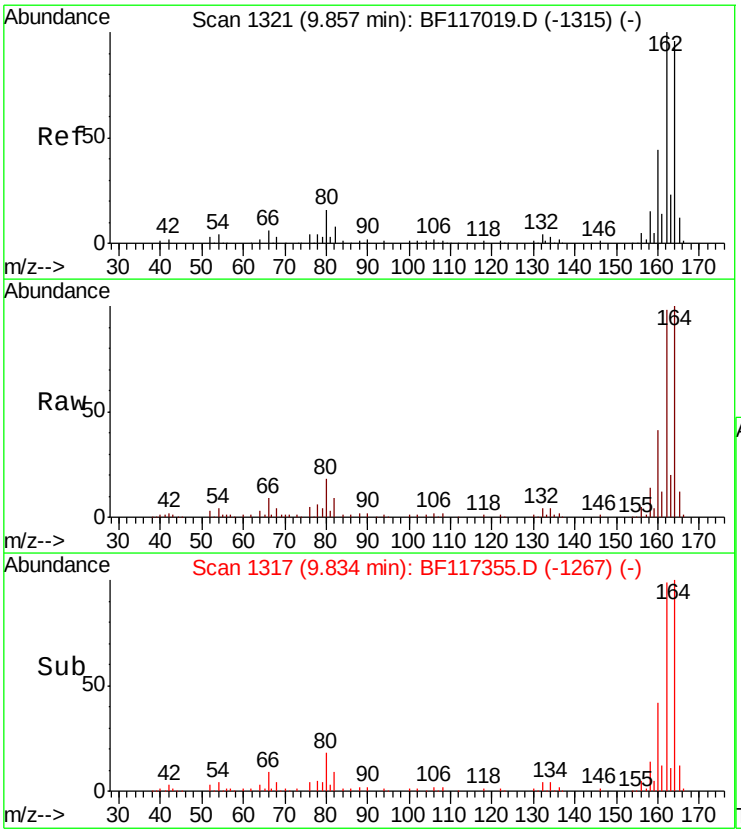
#23
Nitrobenzene-d5
Concen: 68.109 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion: 82 Resp: 224839

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.3	48.5
54	41.9	33.3	49.9

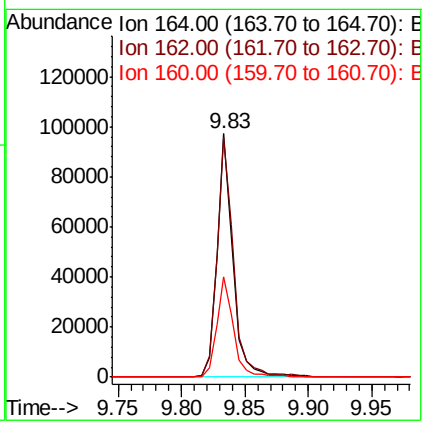


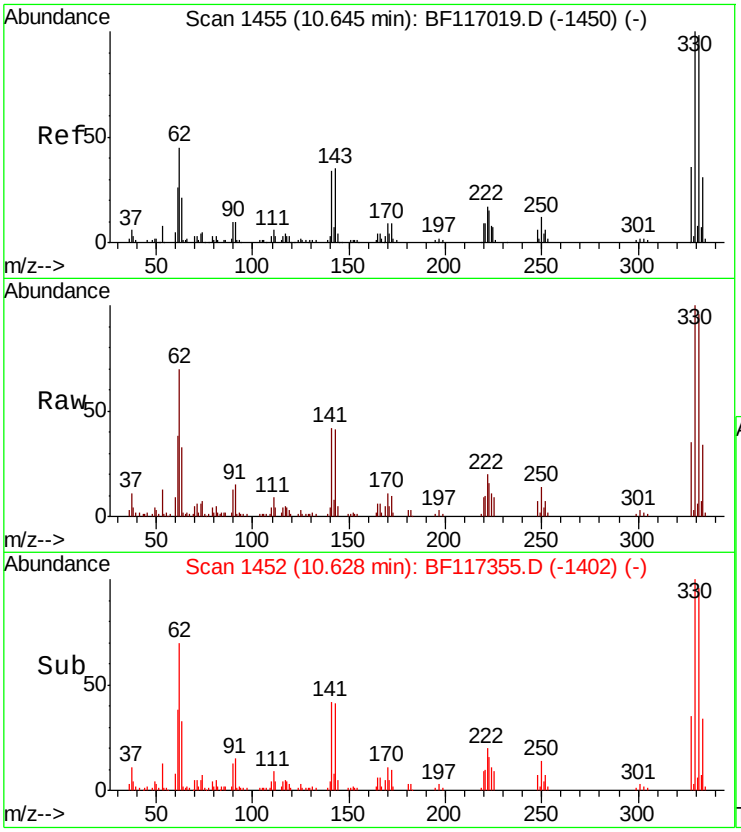


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Tgt Ion:164 Resp: 86444

Ion	Ratio	Lower	Upper
164	100		
162	98.3	83.4	125.2
160	41.2	36.4	54.6



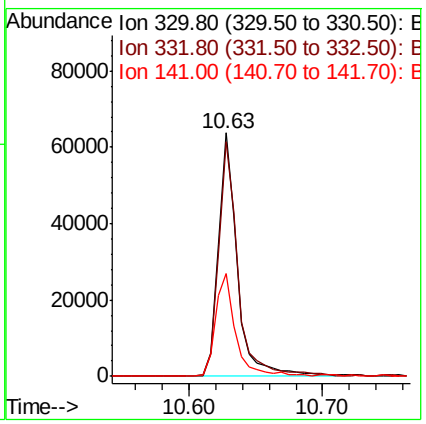


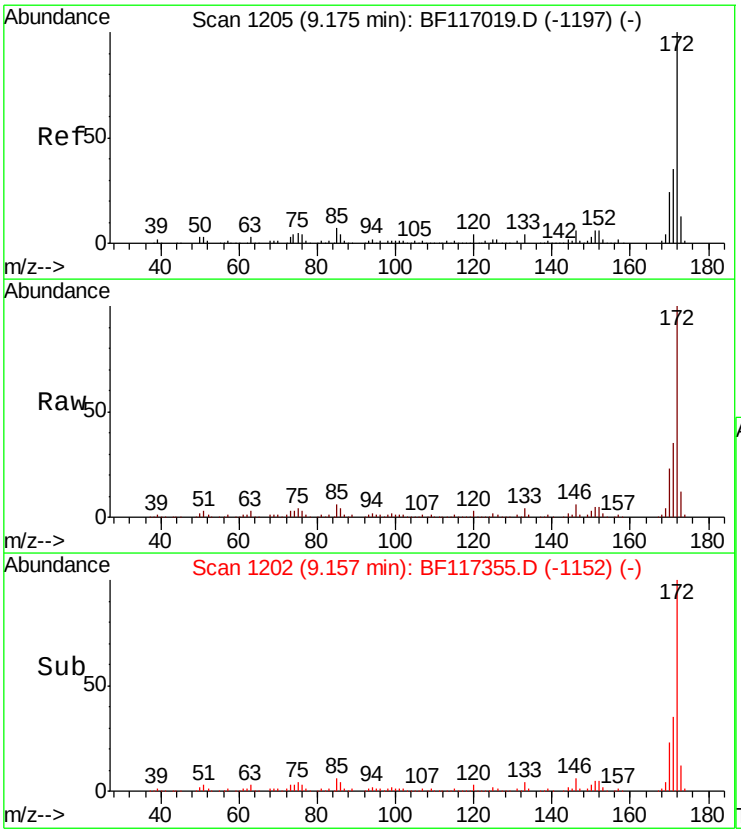
#42
2,4,6-Tribromophenol
Concen: 88.944 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:330 Resp: 64260

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.0	117.0
141	44.5	35.8	53.6

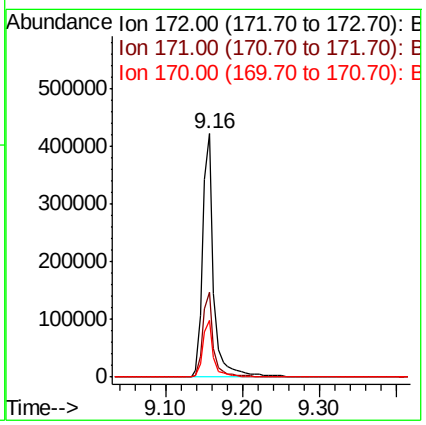


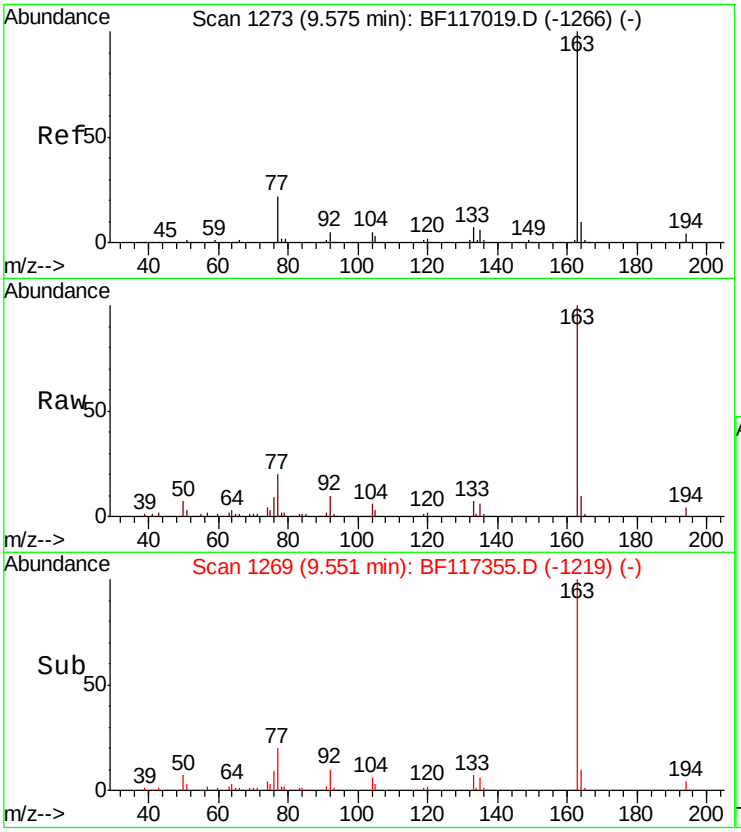


#45
2-Fluorobiphenyl
Concen: 76.771 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Tgt Ion:172 Resp: 424439

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	23.1	18.9	28.3



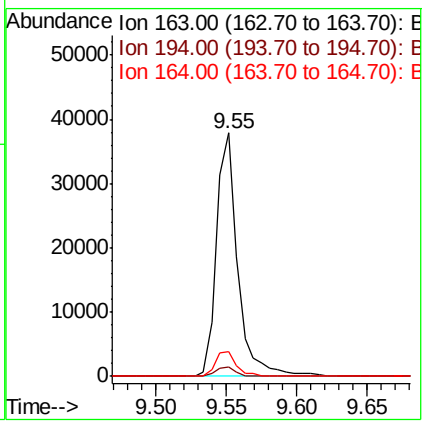


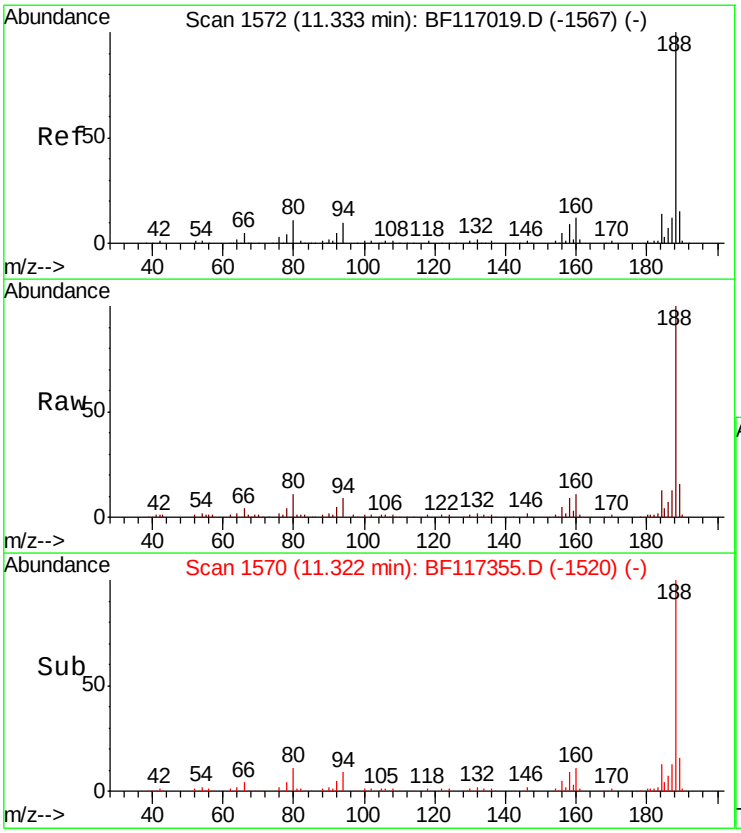
#50
Dimethylphthalate
Concen: 6.488 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:163 Resp: 39713

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.4	8.2	12.4

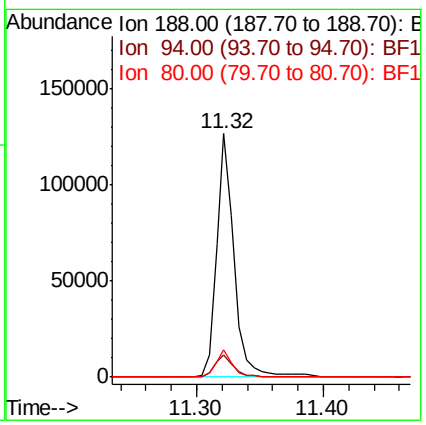


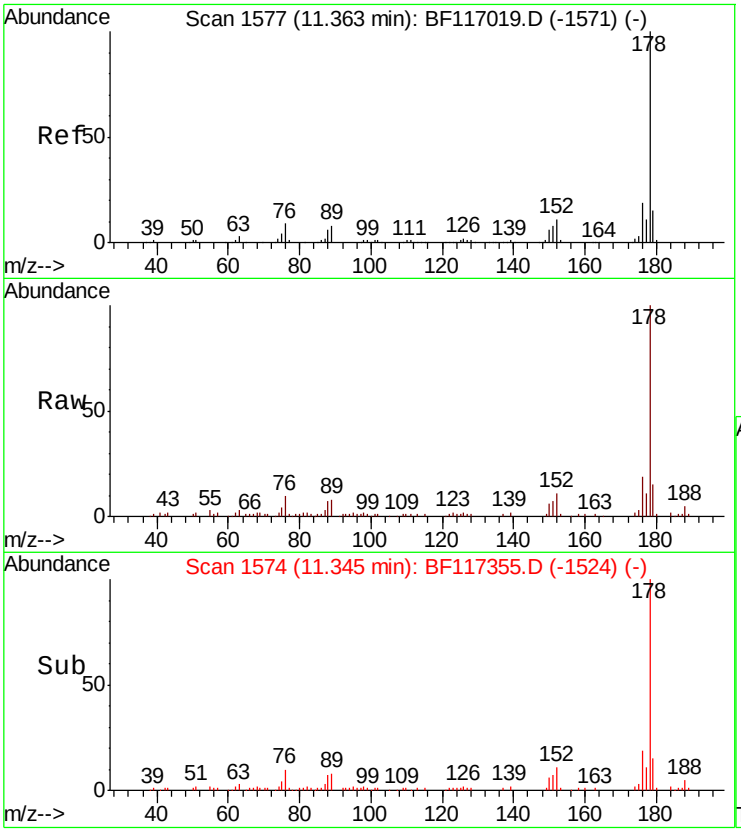


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Tgt Ion:188 Resp: 122324

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	11.5	9.0	13.6



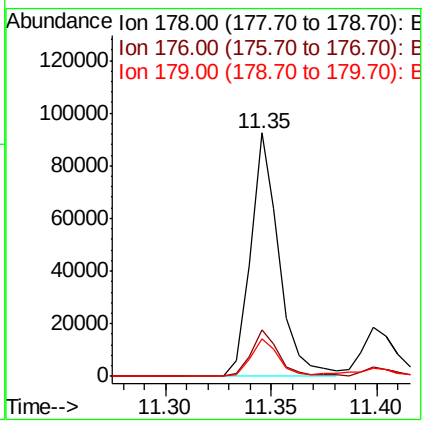


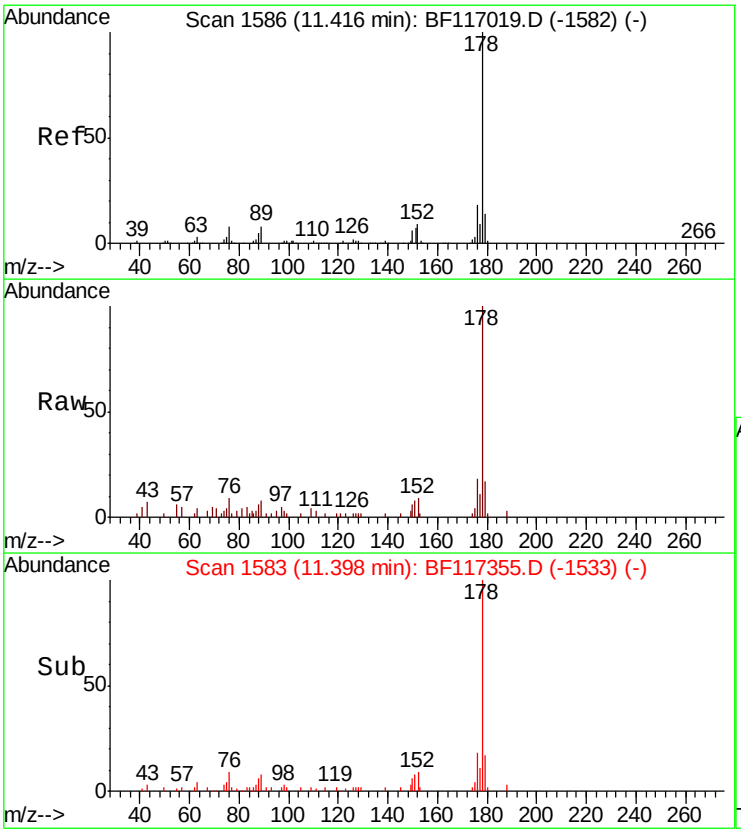
#71
Phenanthrene
Concen: 12.392 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:178 Resp: 86099

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.3	12.4	18.6

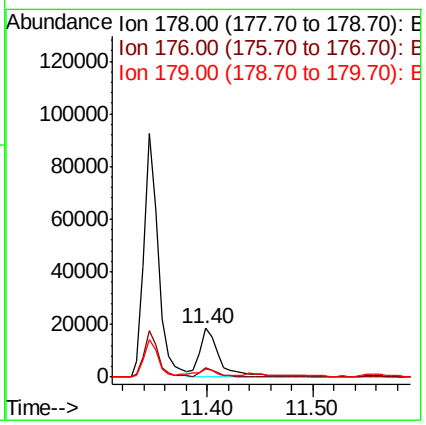


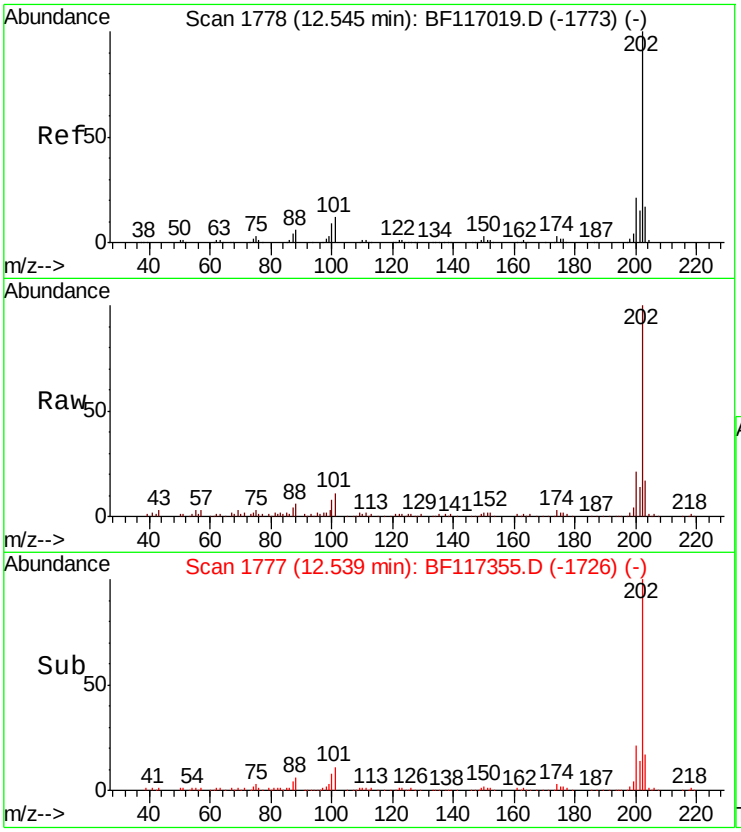


#72
Anthracene
Concen: 3.545 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Tgt Ion:178 Resp: 25149

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	16.9	11.6	17.4



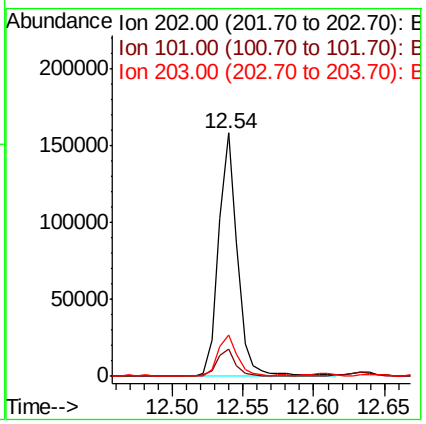


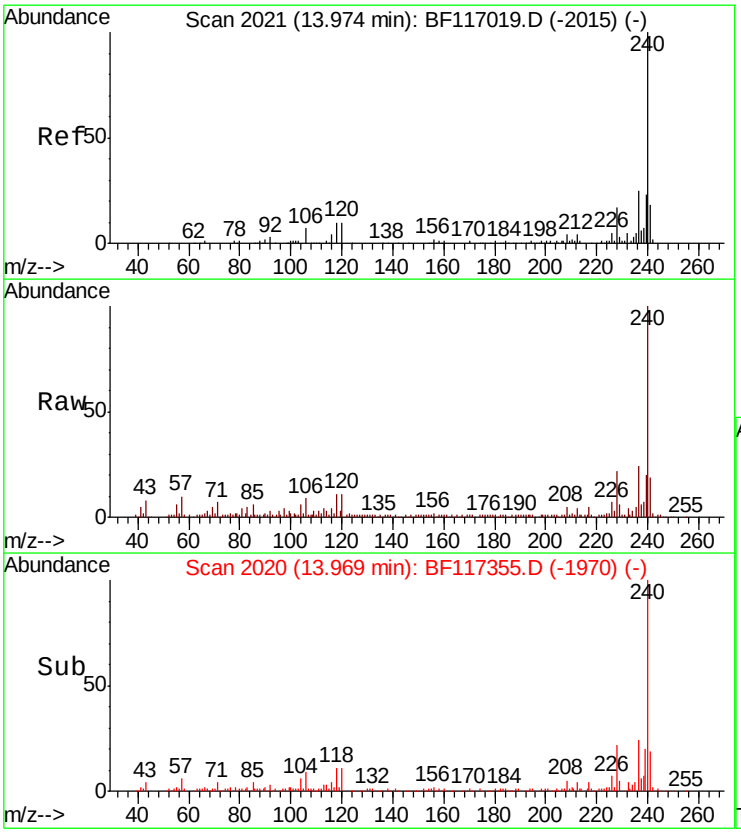
#75
Fluoranthene
Concen: 20.576 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:202 Resp: 146889

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.3
203	17.2	0.0	37.1

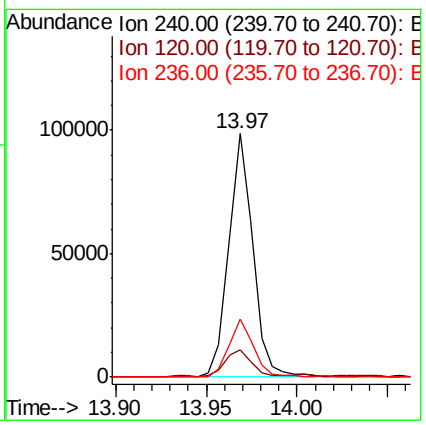


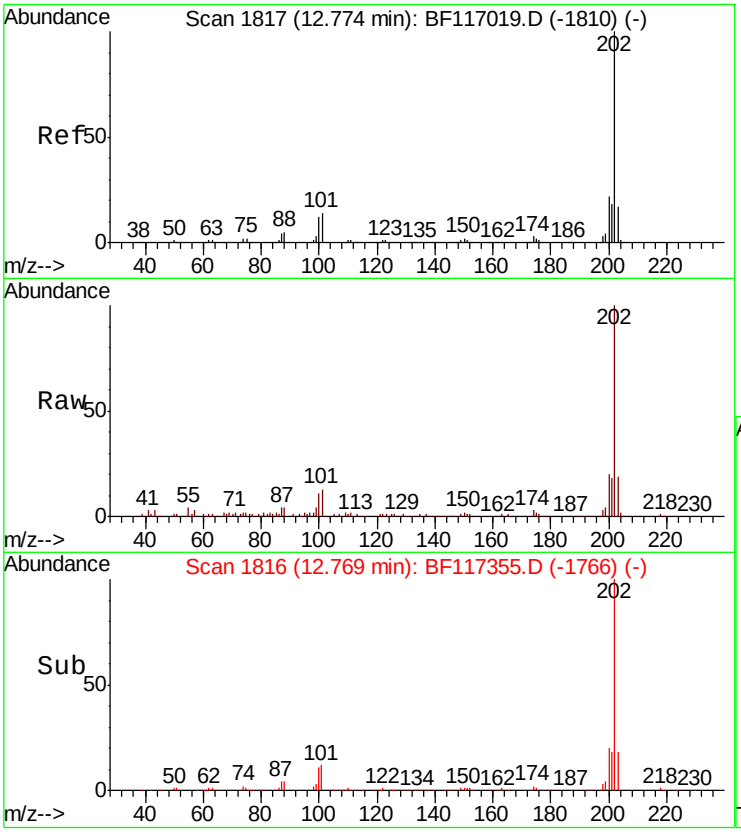


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Tgt Ion:240 Resp: 92219

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	23.7	20.3	30.5



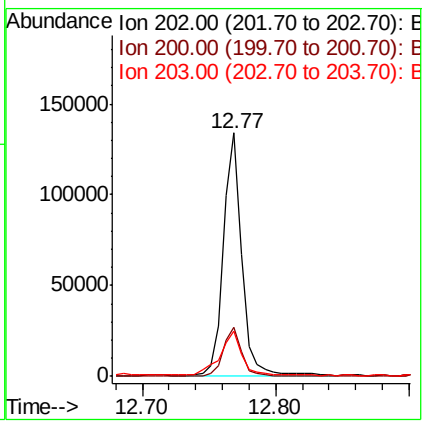


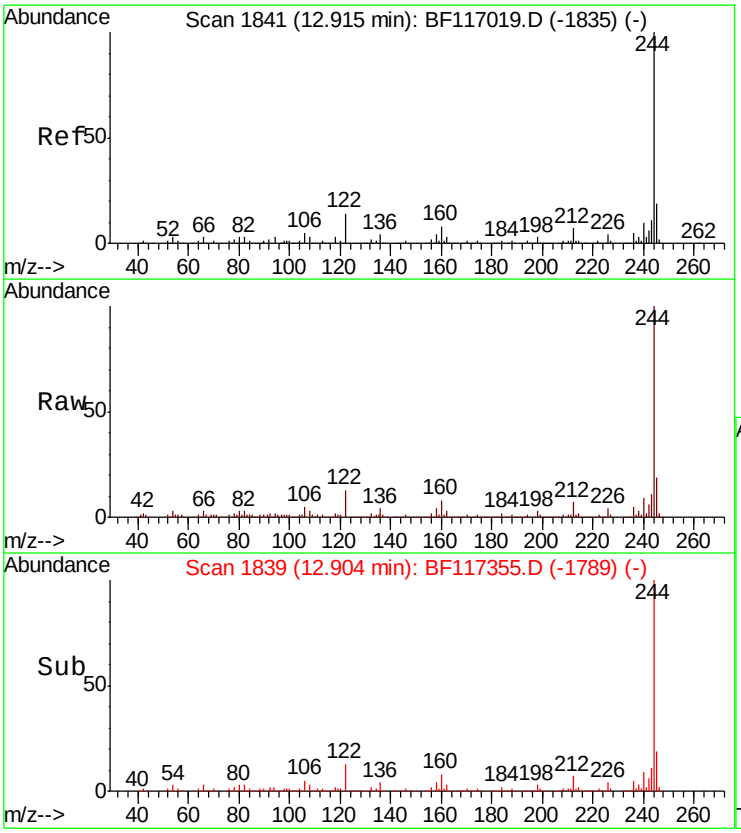
#78
Pyrene
Concen: 16.805 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:202 Resp: 130031

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.2	25.8
203	18.7	14.0	21.0

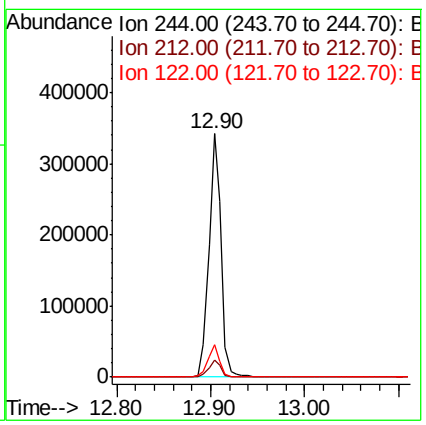


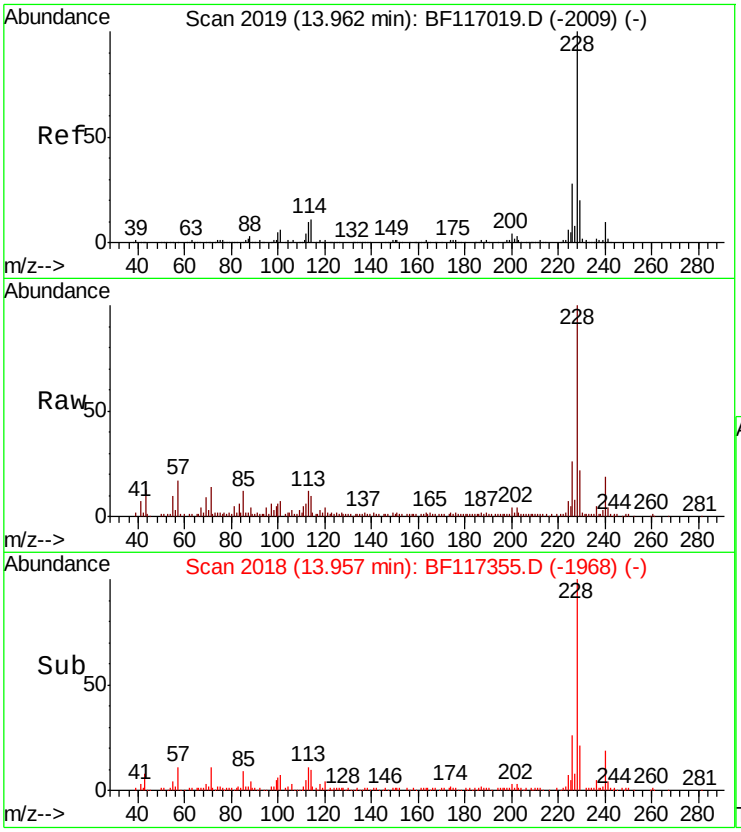


#79
Terphenyl-d14
Concen: 63.972 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Tgt Ion:244 Resp: 315607

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.1	11.3	16.9



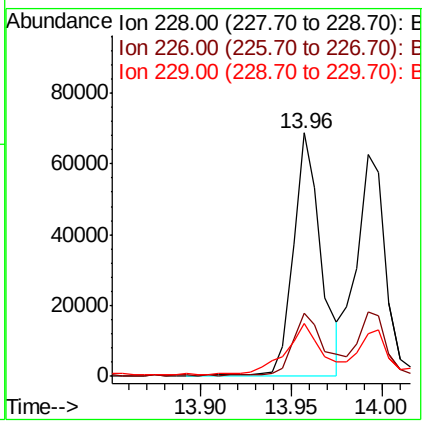


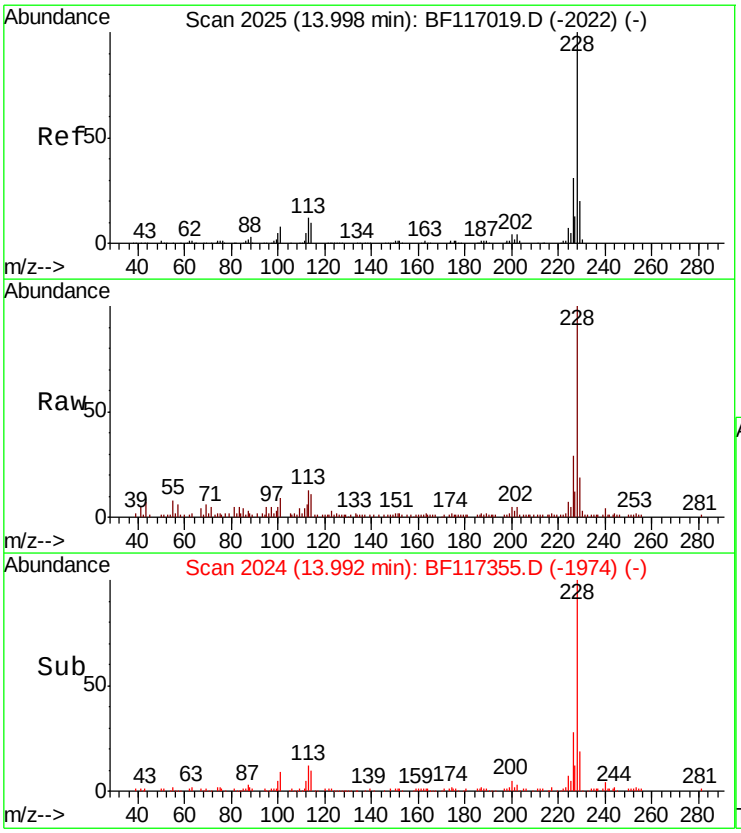
#81
Benzo(a)anthracene
Concen: 11.986 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:228 Resp: 73852

Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.3	33.5
229	21.5	15.9	23.9

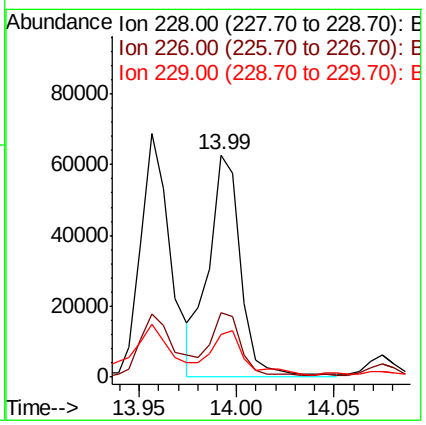


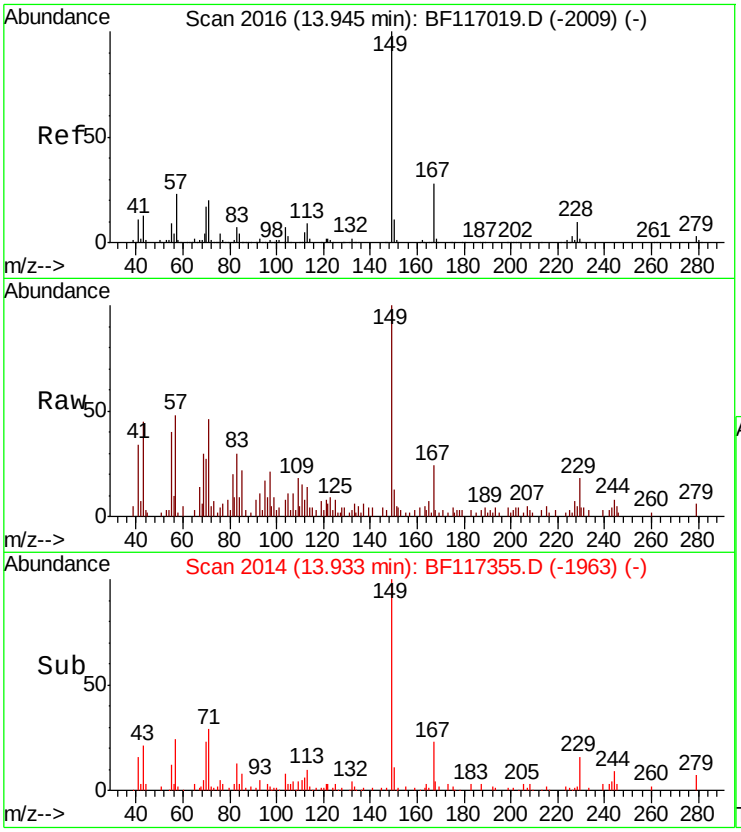


#83
Chrysene
Concen: 11.917 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Tgt Ion:228 Resp: 71611

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.8	37.2
229	19.4	15.8	23.8



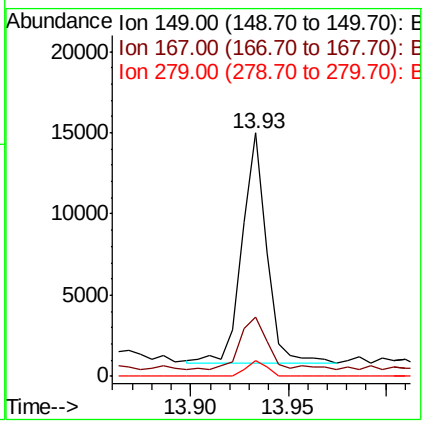


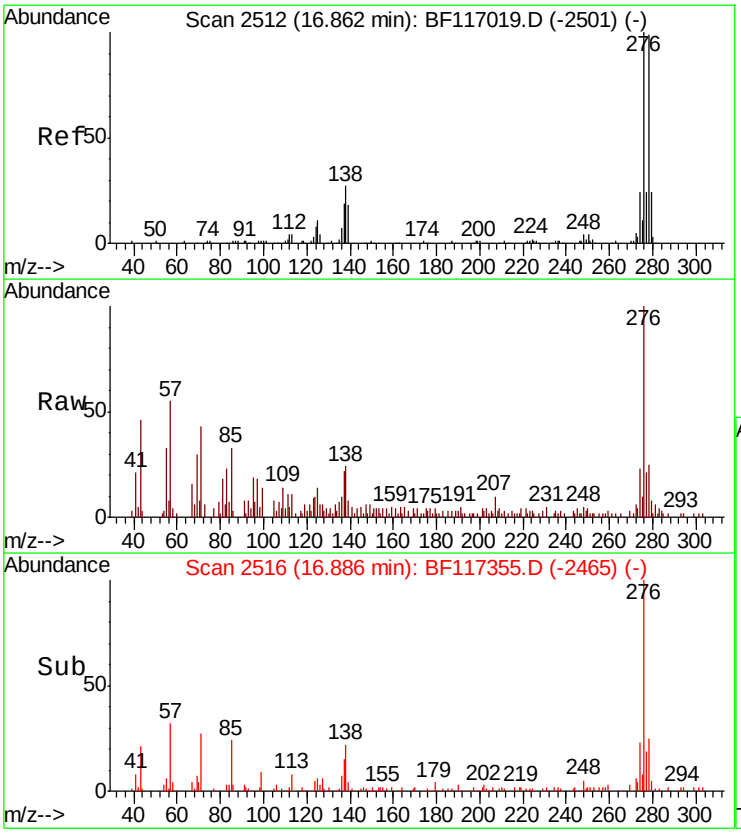
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.601 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:149 Resp: 12263

Ion	Ratio	Lower	Upper
149	100		
167	24.2	22.2	33.2
279	6.4	2.8	4.2#

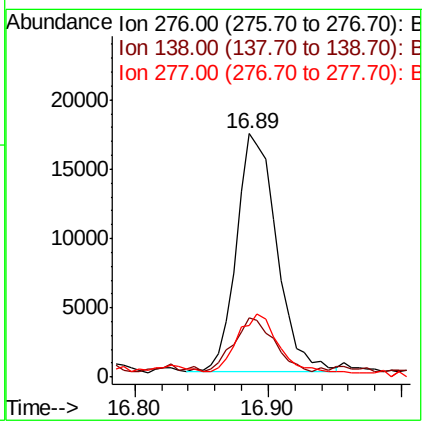


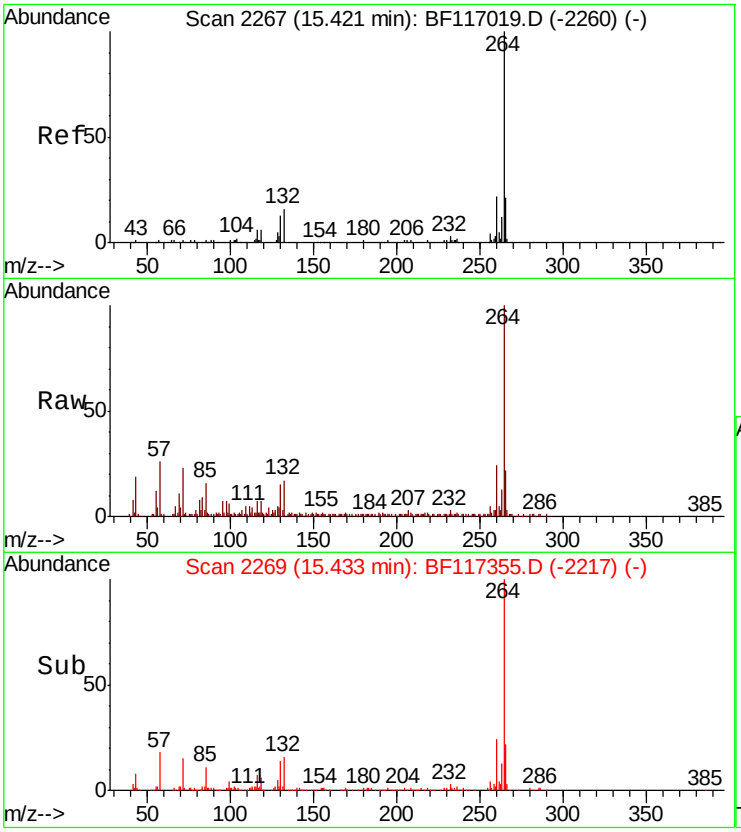


#86
Indeno(1,2,3-cd)pyrene
Concen: 8.164 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Tgt Ion:276 Resp: 35793

Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.7	31.1
277	26.1	19.8	29.8



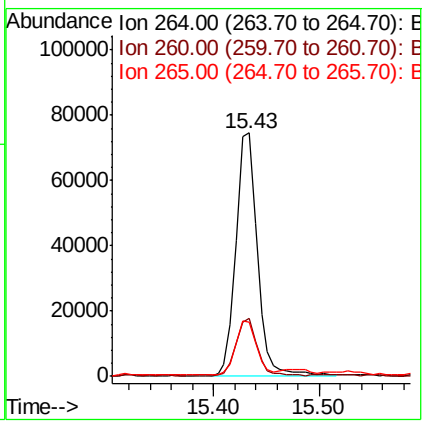


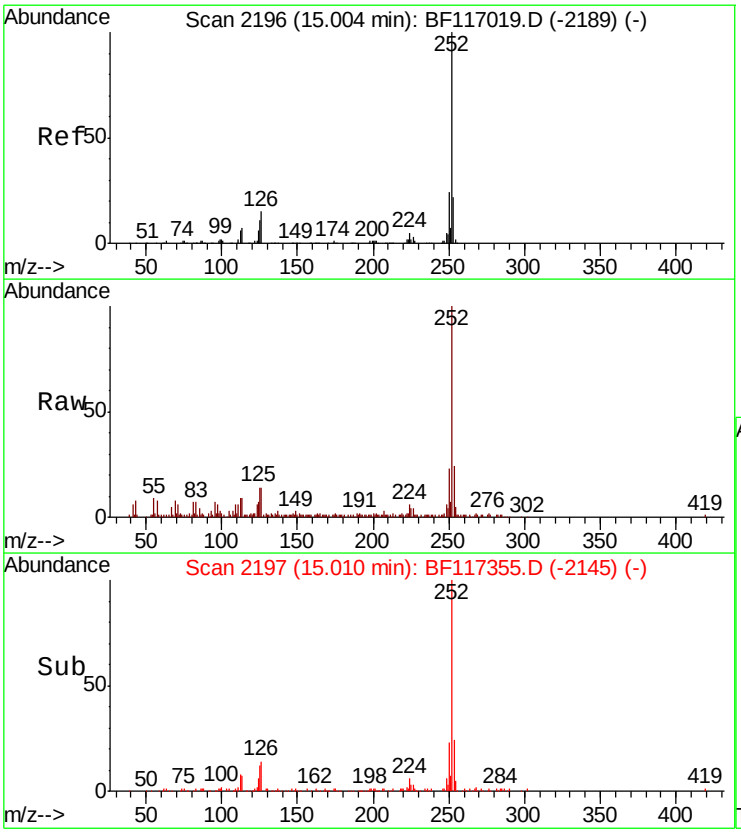
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:264 Resp: 105712

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.6	26.4
265	22.3	16.6	24.8

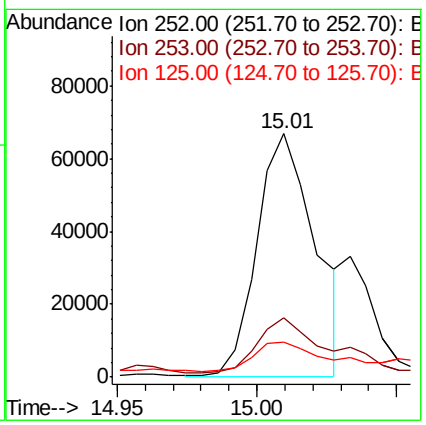


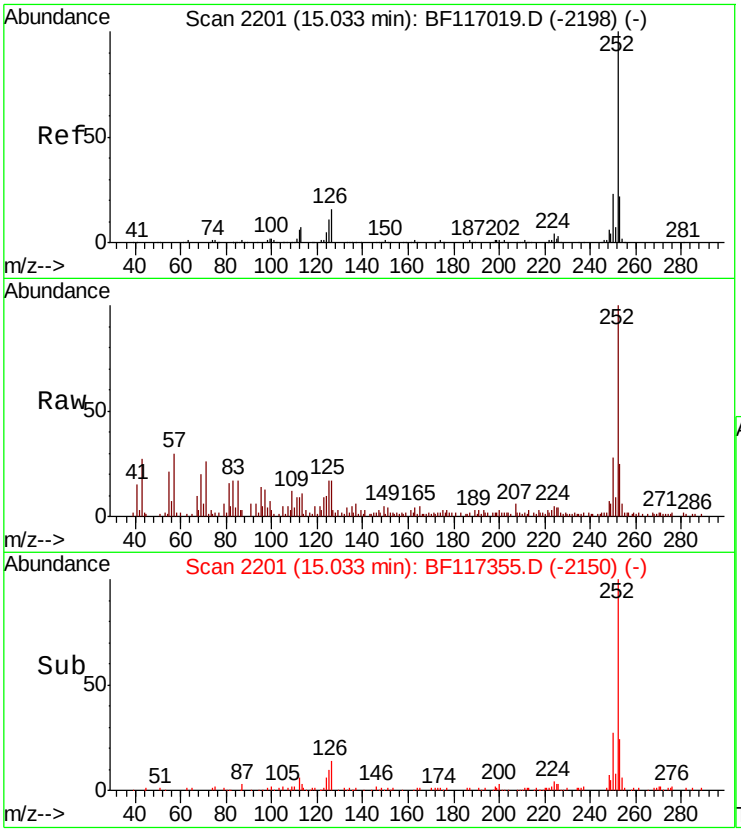


#88
Benzo(b)fluoranthene
Concen: 15.194 ng m
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Tgt Ion:252 Resp: 97290

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	14.4	8.6	12.8#



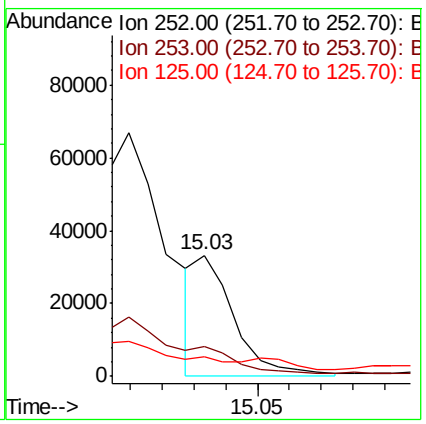


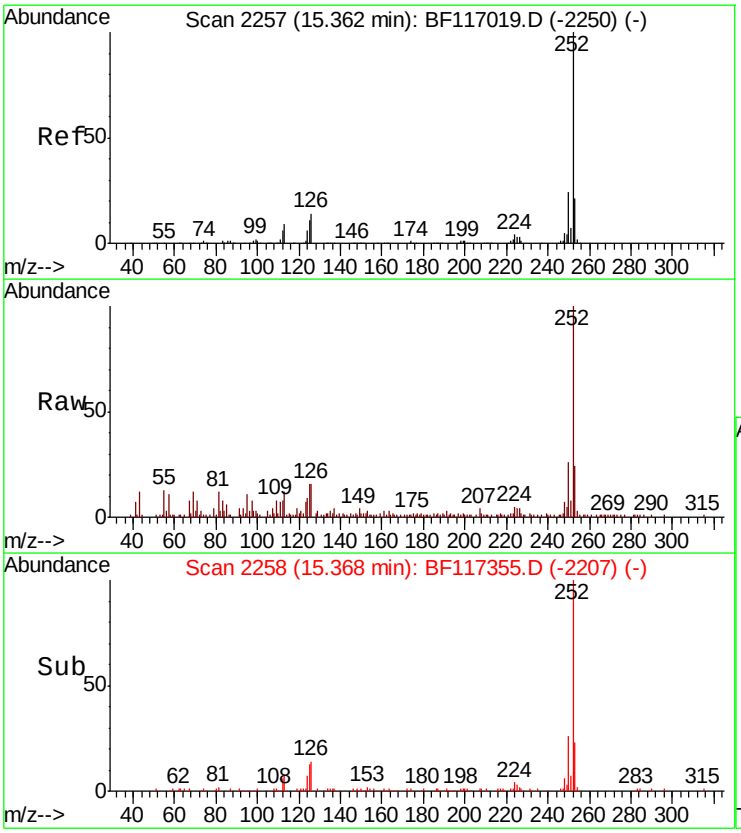
#89
Benzo(k)fluoranthene
Concen: 4.644 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:252 Resp: 28172

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.2
125	16.5	8.8	13.2#

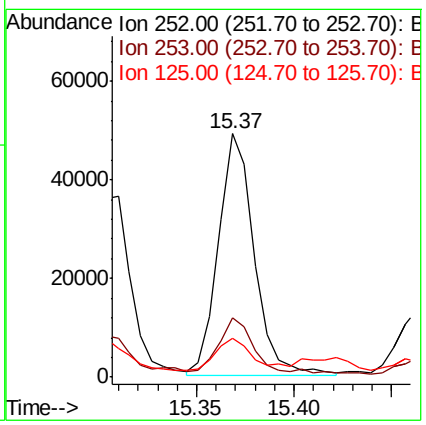


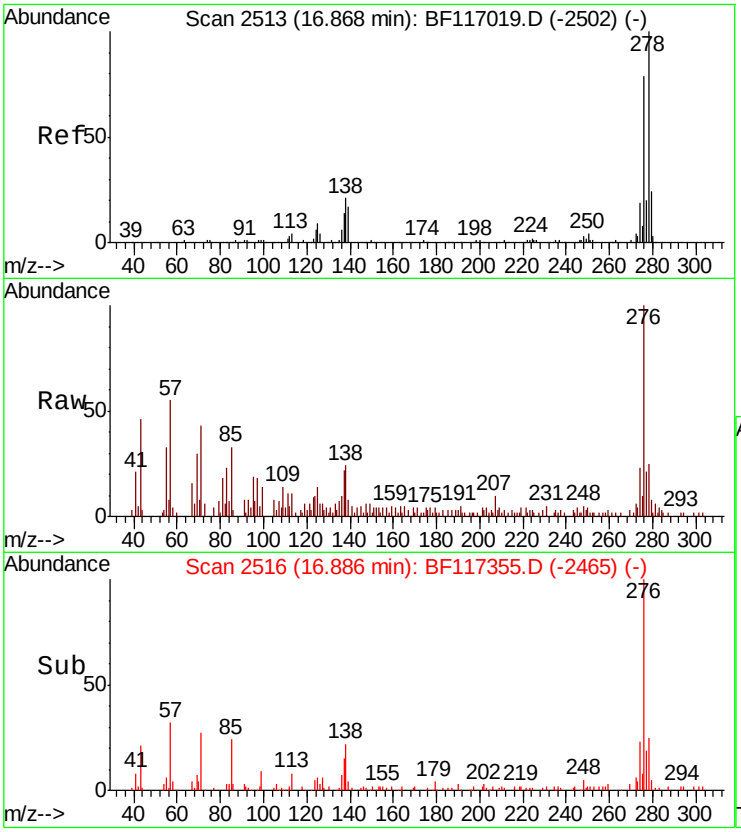


#90
Benzo(a)pyrene
Concen: 11.047 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Tgt Ion:252 Resp: 62075

Ion	Ratio	Lower	Upper
252	100		
253	24.2	16.6	25.0
125	15.8	8.9	13.3#



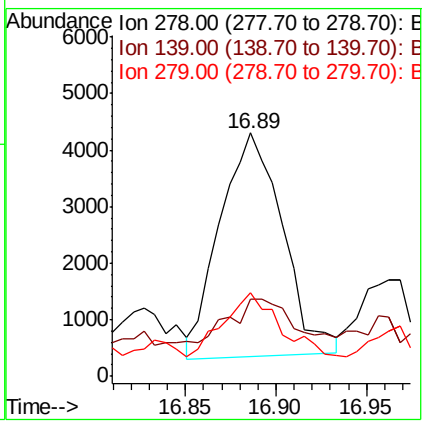


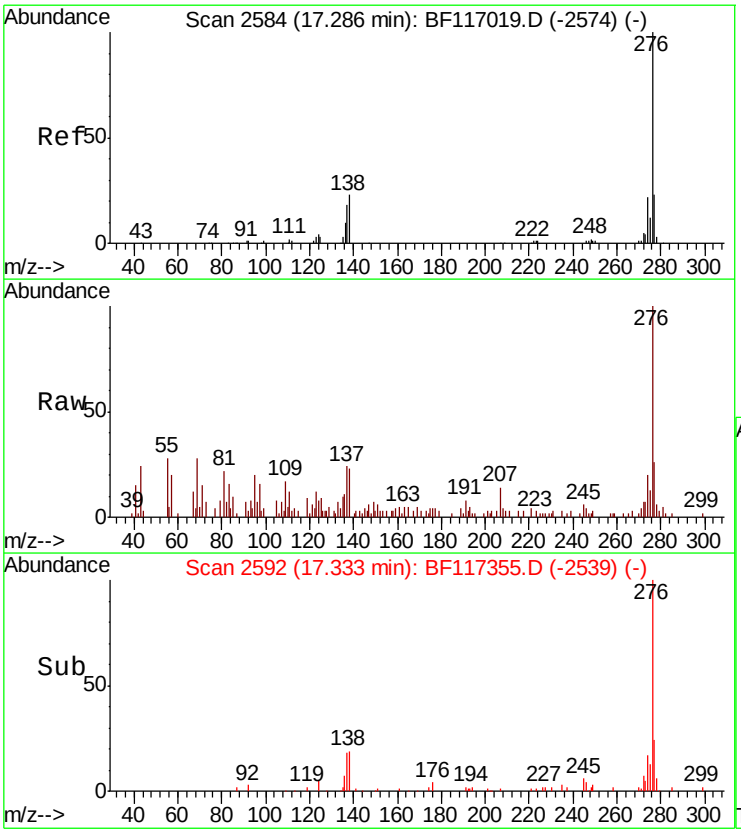
#91
Dibenzo(a,h)anthracene
Concen: 2.130 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:278 Resp: 9535

Ion	Ratio	Lower	Upper
278	100		
139	31.7	13.5	20.3#
279	34.6	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 7.637 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF117355.D
Acq: 9 Oct 2019 15:18

Tgt Ion:276 Resp: 34065

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	27.8
138	22.8	18.0	27.0