Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116820.D
Acq On : 4 Sep 2019 17:21
Operator : HP/JU
Sample : K4639-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

Quant Time: Sep 05 04:06:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	59899	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	240792	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	122334	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	185894	20.00	ng		0.00
76) Chrysene-d12	14.00	240	143916	20.00	ng		0.00
87) Perylene-d12	15.46	264	127439	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	369632	99.97	ng		0.00
7) Phenol-d6	6.48	99	498905	102.76	ng		0.00
23) Nitrobenzene-d5	7.40	82	304343	72.15	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	97117	118.75	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	540557	74.54	ng		0.00
79) Terphenyl-d14	12.95	244	461099	59.27	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	15657	2.912	ng		97
50) Dimethylphthalate	9.59	163	82017	9.711	ng		99
71) Phenanthrene	11.39	178	43111	4.166	ng		97
75) Fluoranthene	12.58	202	91325	8.980	ng		99
78) Pyrene	12.80	202	78428	6.130	ng		97
81) Benzo(a)anthracene	13.99	228	20418m	2.242	ng		
83) Chrysene	14.03	228	50169	5.346	ng	#	95
84) Bis(2-ethylhexyl)phthalate	13.99	149	262225	34.145	ng		97
86) Indeno(1,2,3-cd)pyrene	16.92	276	15697	2.083	ng		96
88) Benzo(b)fluoranthene	15.04	252	49563m	6.433	ng		
90) Benzo(a)pyrene	15.40	252	18758	2.798	ng	#	1
92) Benzo(g,h,i)perylene	17.36	276	17277	2.887	ng	#	74

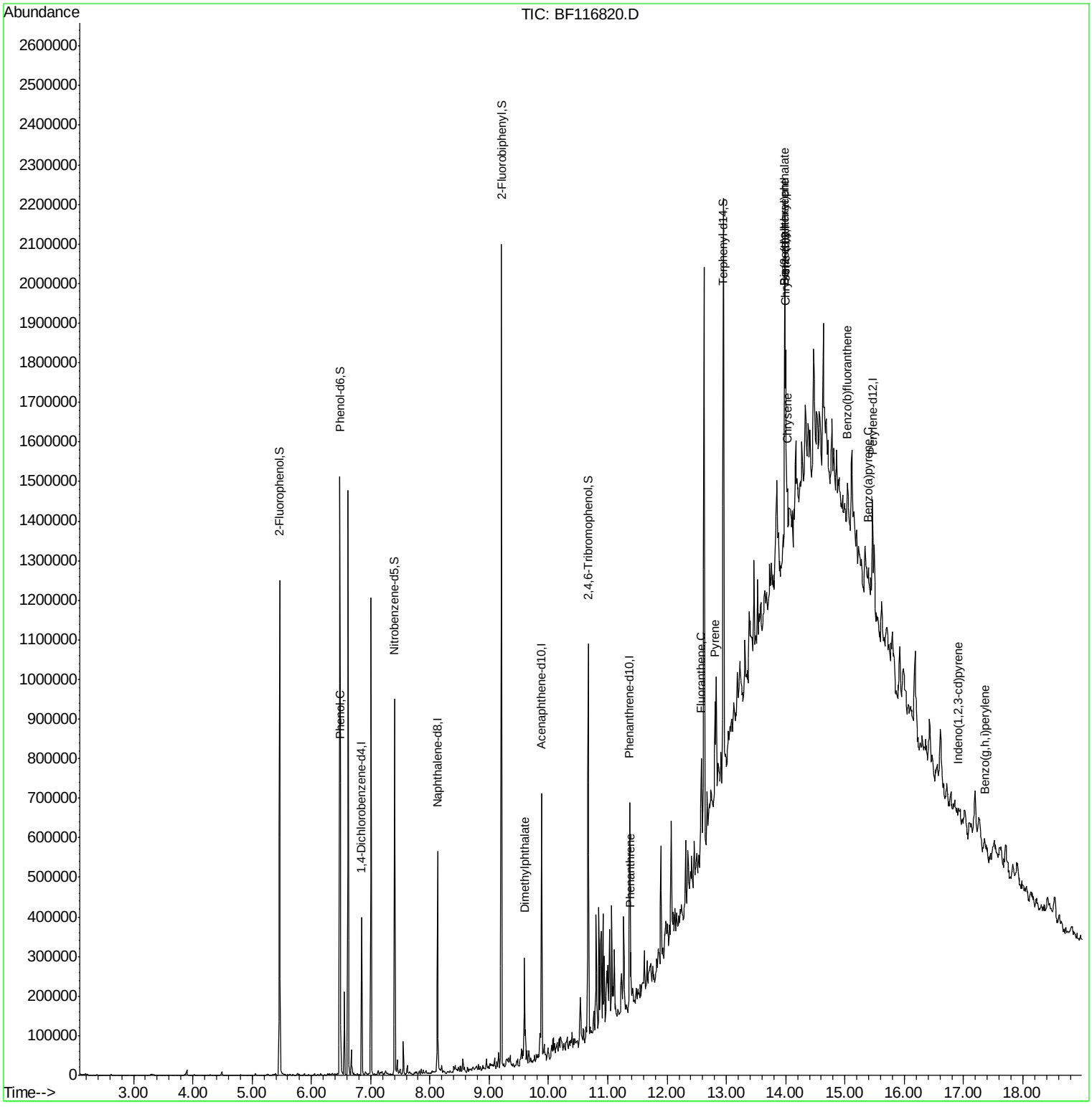
(#) = qualifier out of range (m) = manual integration (+) = signals summed

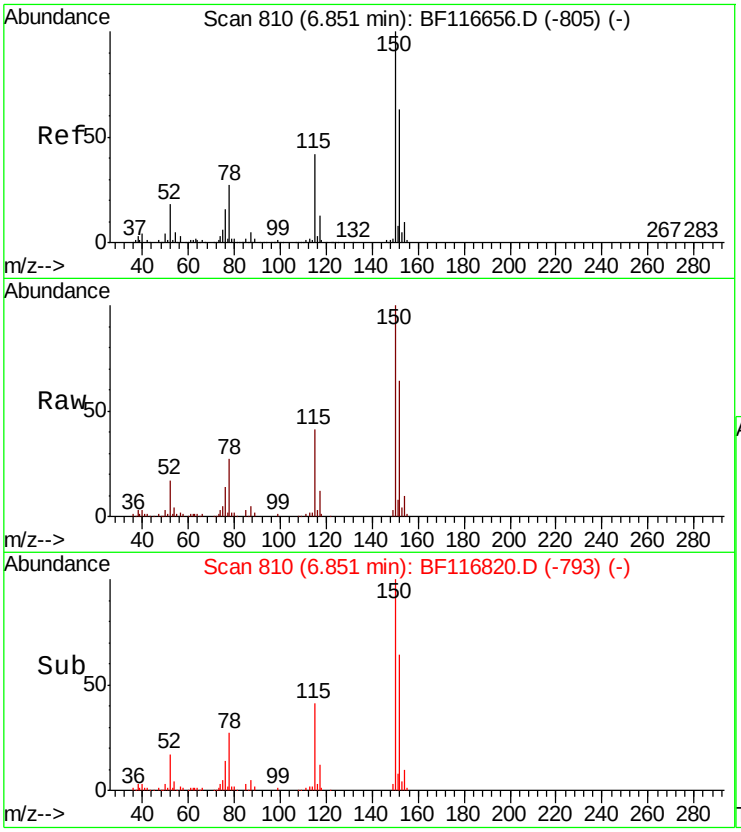
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116820.D
Acq On : 4 Sep 2019 17:21
Operator : HP/JU
Sample : K4639-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

Quant Time: Sep 05 04:06:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



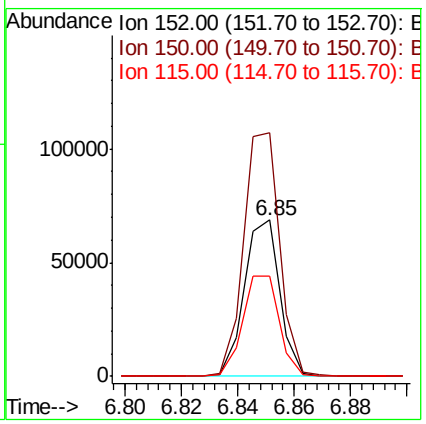


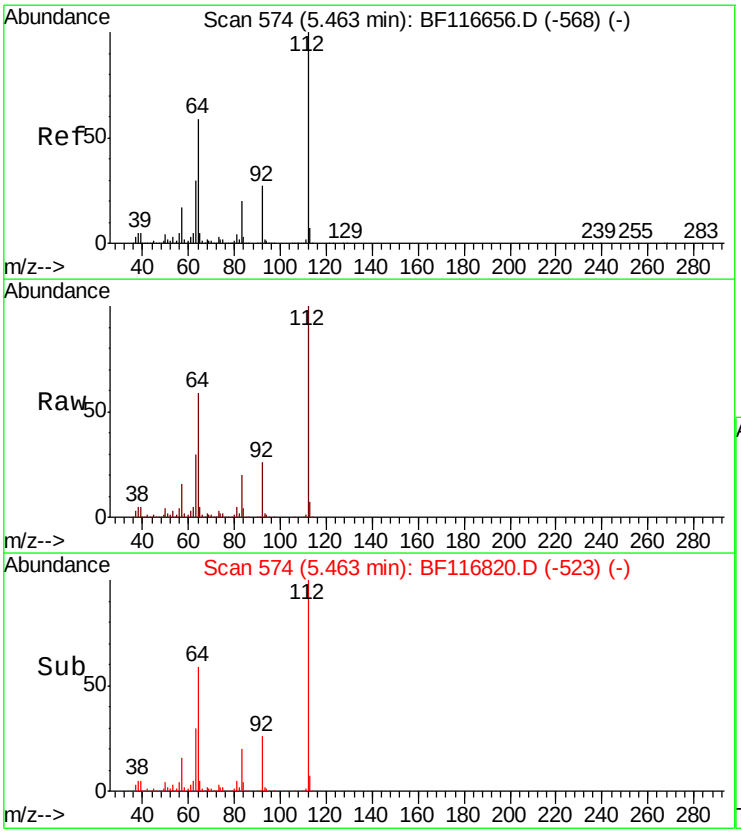
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Instrument :
BNA_F
ClientSampleId :
DW-02

Tgt Ion:152 Resp: 59899

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.4	186.6
115	63.9	49.9	74.9

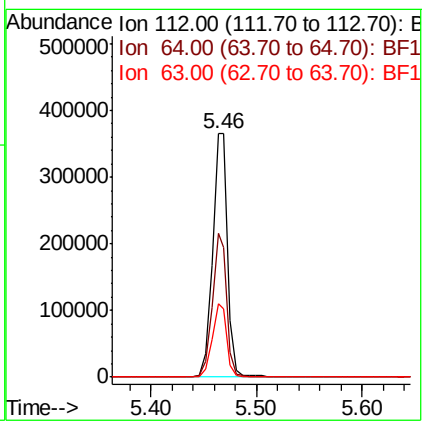


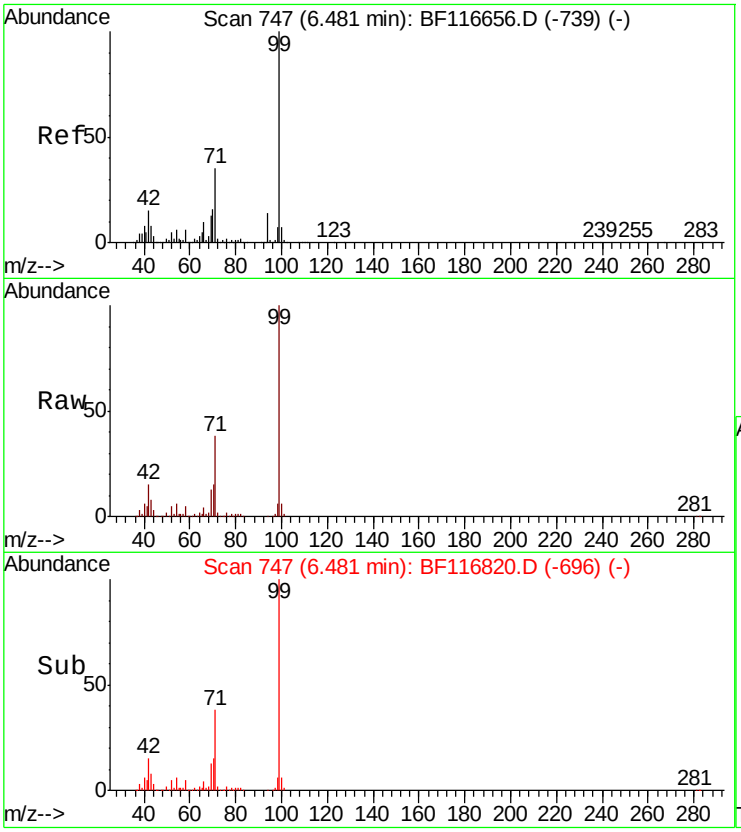


#5
2-Fluorophenol
Concen: 99.972 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Tgt Ion:112 Resp: 369632

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.1	70.7
63	30.3	24.9	37.3



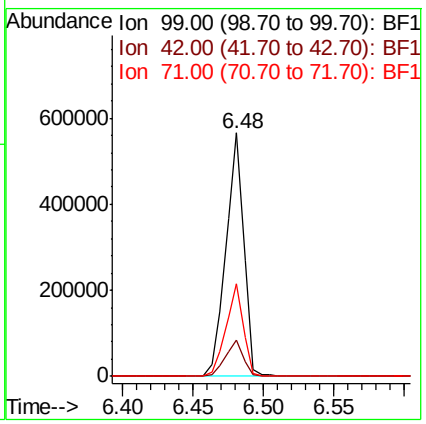


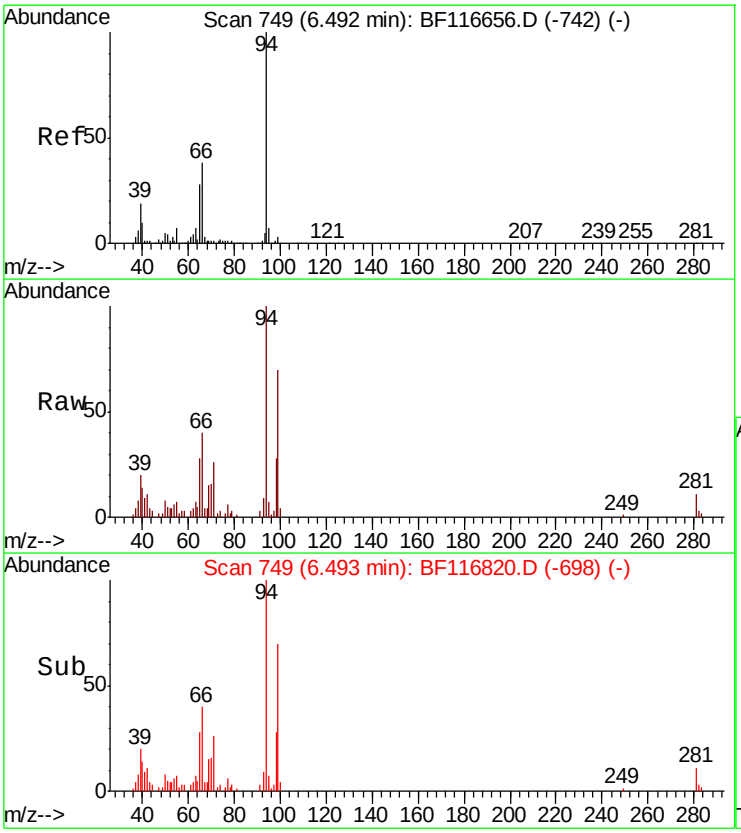
#7
Phenol-d6
Concen: 102.761 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Instrument :
BNA_F
ClientSampleId :
DW-02

Tgt Ion: 99 Resp: 498905

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.7	20.5
71	37.9	30.8	46.2

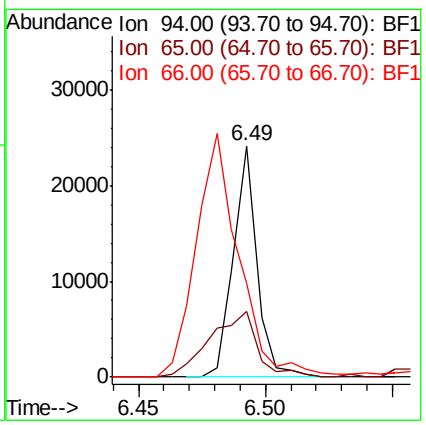


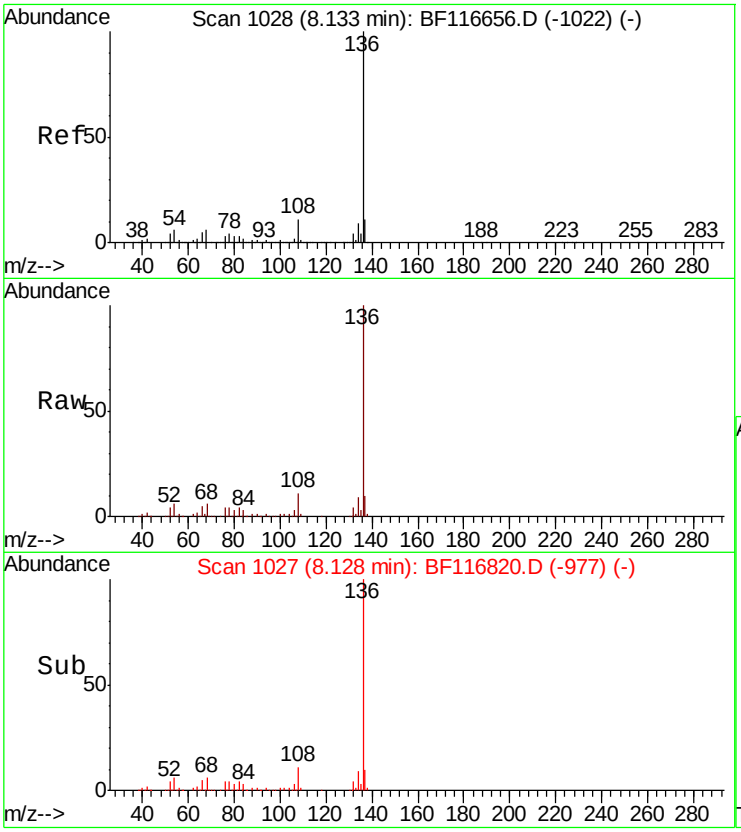


#10
Phenol
Concen: 2.912 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Tgt Ion: 94 Resp: 15657

Ion	Ratio	Lower	Upper
94	100		
65	28.3	10.8	50.8
66	40.4	21.1	61.1



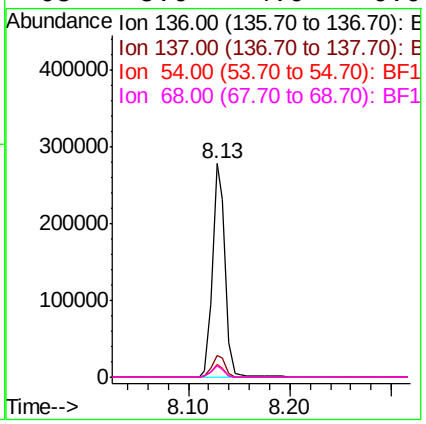


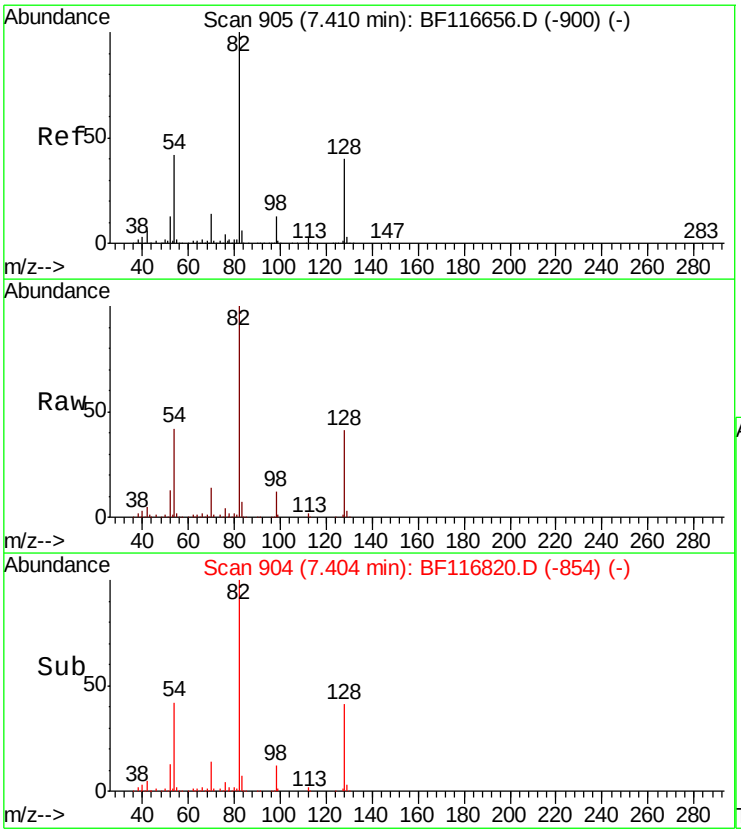
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Instrument :
BNA_F
ClientSampleId :
DW-02

Tgt Ion:136 Resp: 240792

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	5.8	4.8	7.2
68	5.6	4.0	6.0

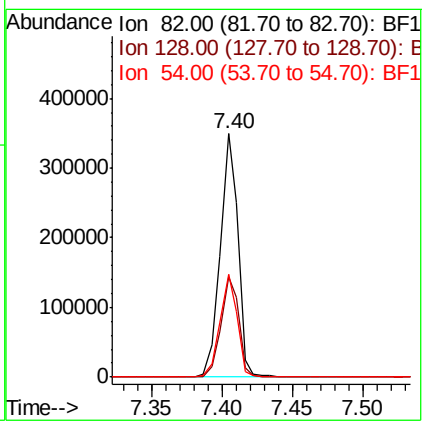


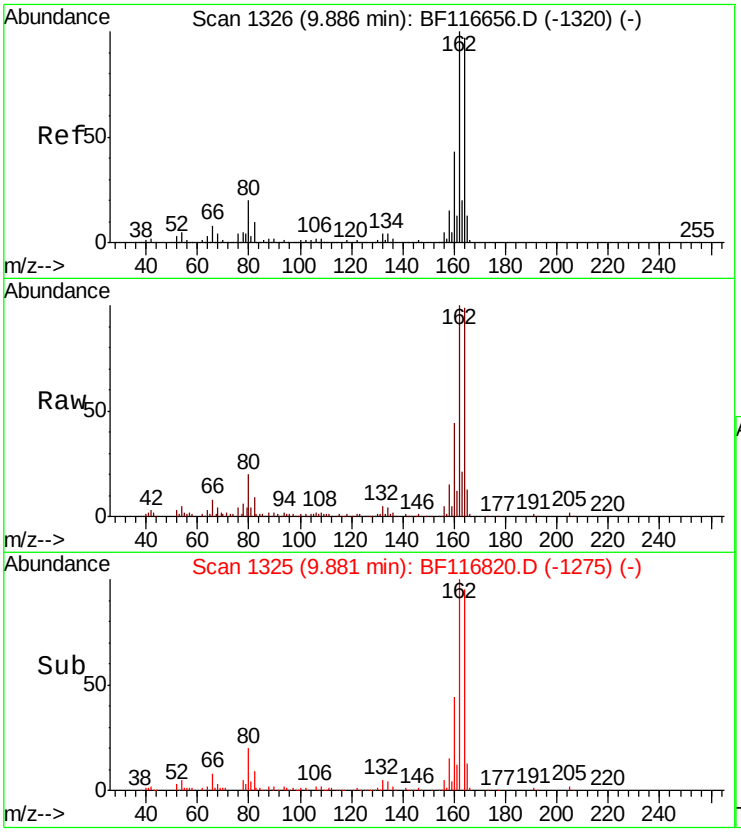


#23
Nitrobenzene-d5
Concen: 72.154 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Tgt Ion: 82 Resp: 304343

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.8	49.2
54	42.0	36.9	55.3



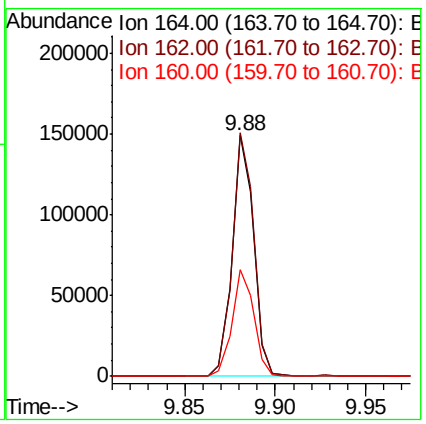


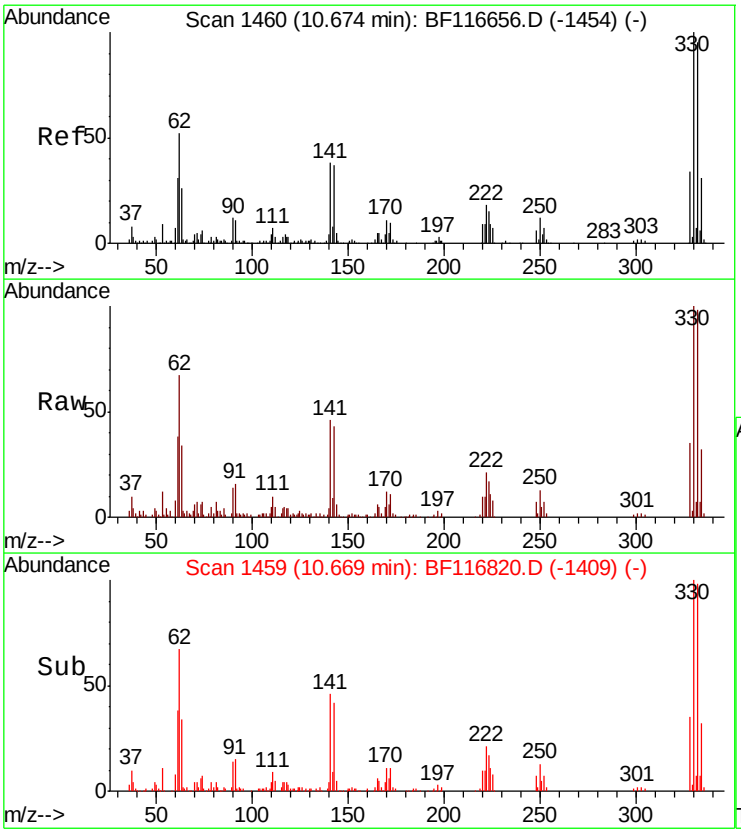
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Instrument :
BNA_F
ClientSampleId :
DW-02

Tgt Ion:164 Resp: 122334

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	44.2	35.4	53.2

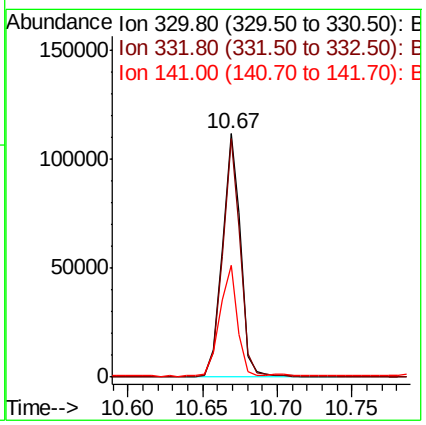


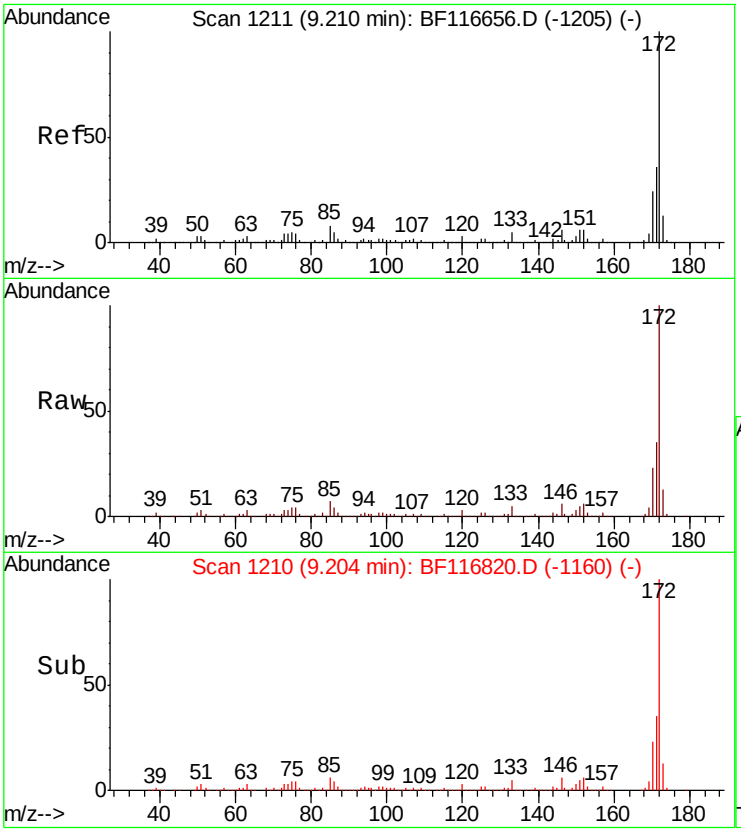


#42
2,4,6-Tribromophenol
Concen: 118.750 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Tgt Ion:330 Resp: 97117

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	44.0	31.4	47.2



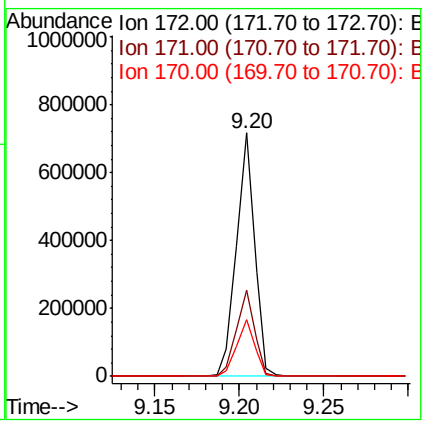


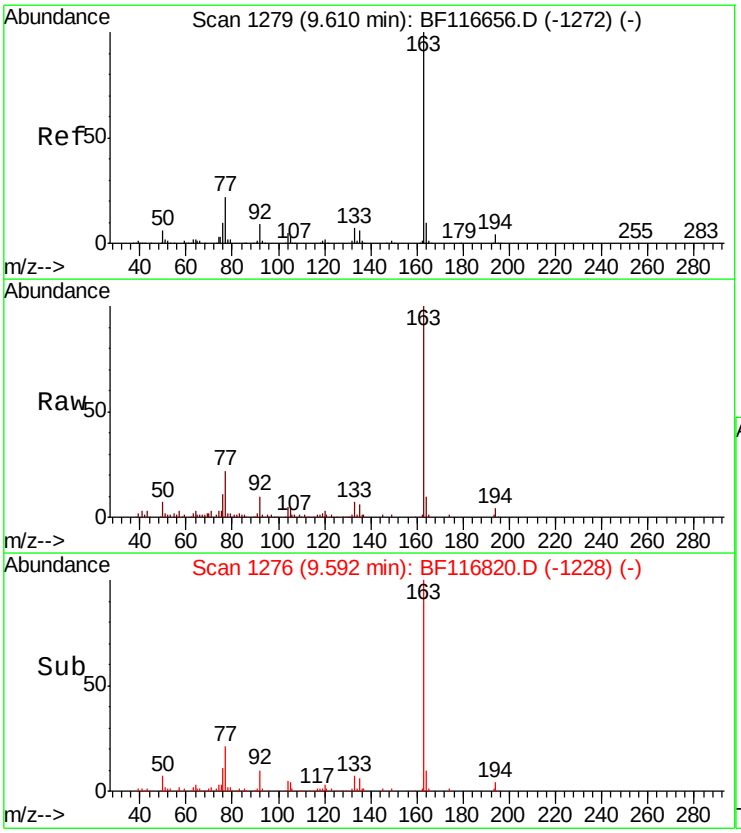
#45
2-Fluorobiphenyl
Concen: 74.539 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Instrument :
BNA_F
ClientSampleId :
DW-02

Tgt Ion:172 Resp: 540557

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	23.4	18.9	28.3

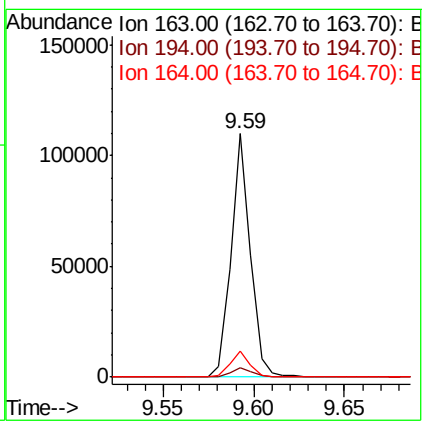


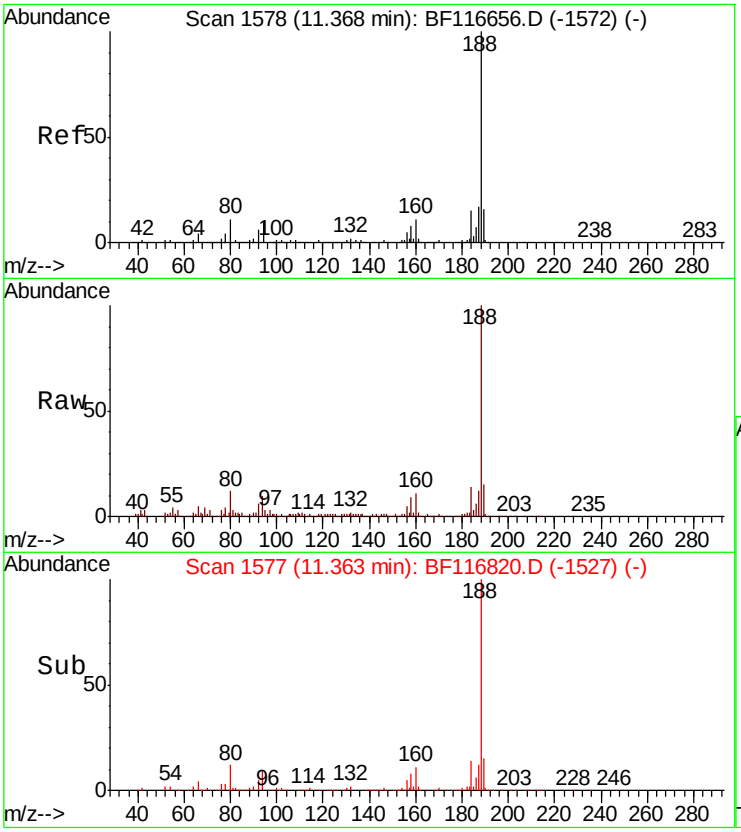


#50
Dimethylphthalate
Concen: 9.711 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Tgt Ion:163 Resp: 82017

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	10.5	8.6	12.8



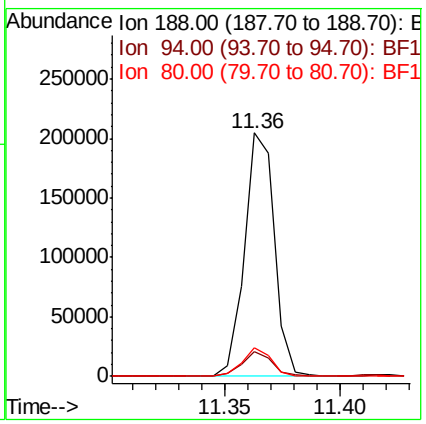


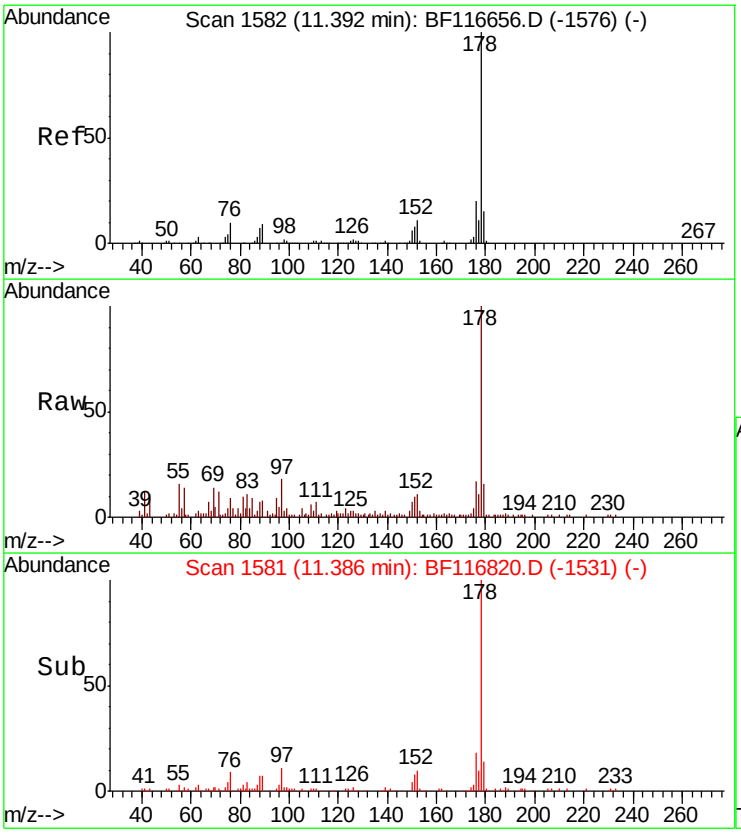
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Instrument :
BNA_F
ClientSampleId :
DW-02

Tgt Ion:188 Resp: 185894

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.3	10.9
80	11.9	8.4	12.6

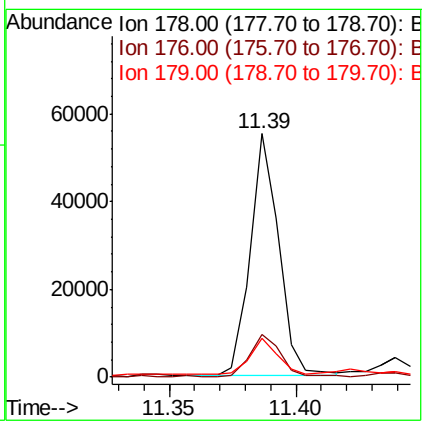


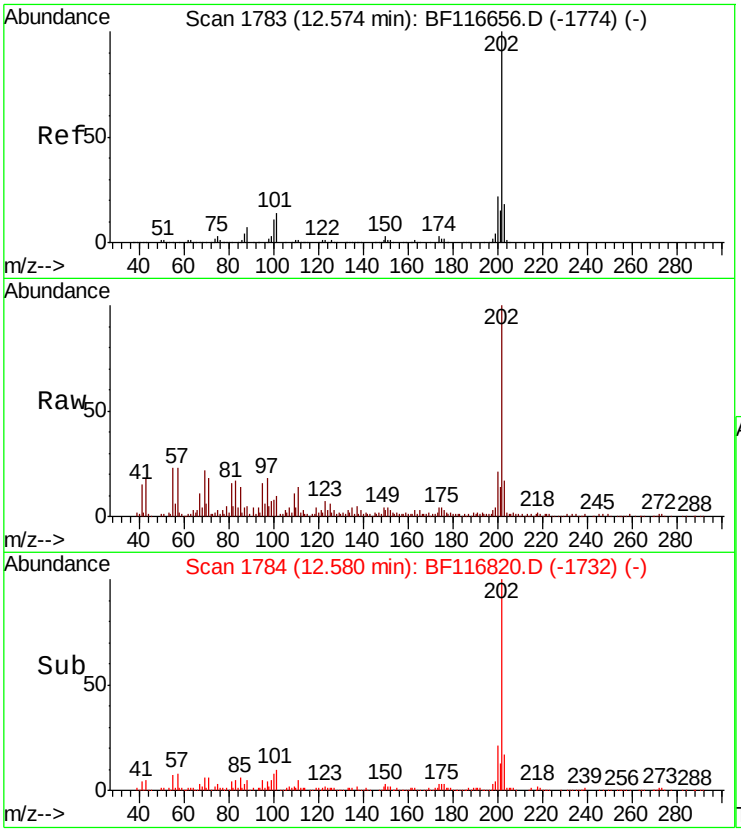


#71
Phenanthrene
Concen: 4.166 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Tgt Ion:178 Resp: 43111

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.4	23.0
179	15.7	12.2	18.2



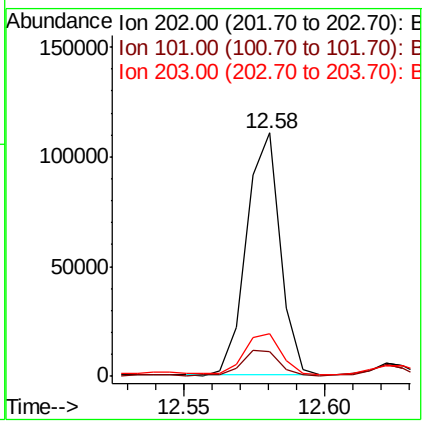


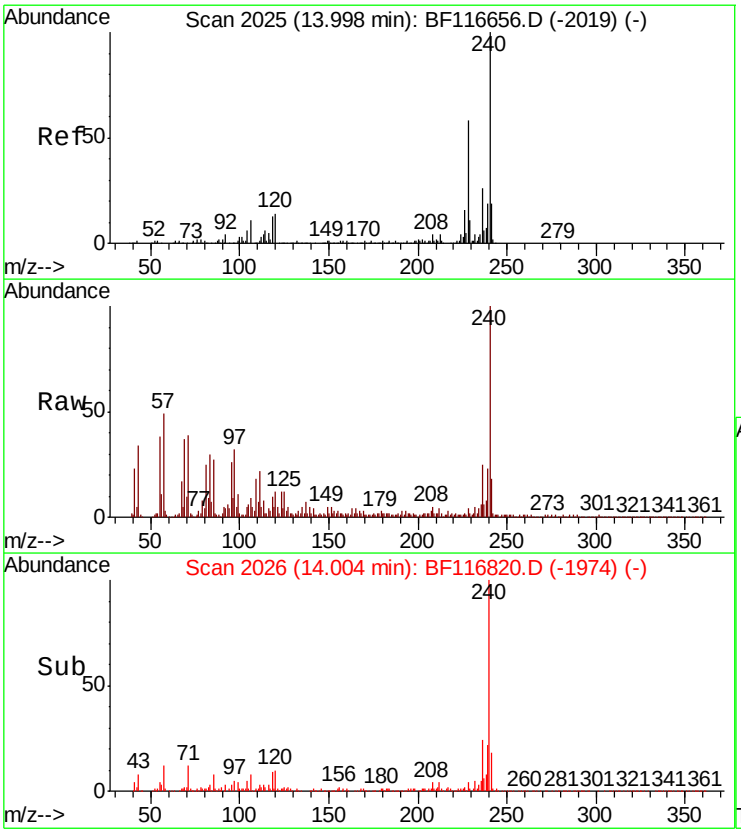
#75
Fluoranthene
Concen: 8.980 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Instrument :
BNA_F
ClientSampleId :
DW-02

Tgt Ion:202 Resp: 91325

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.3
203	17.3	0.0	37.6

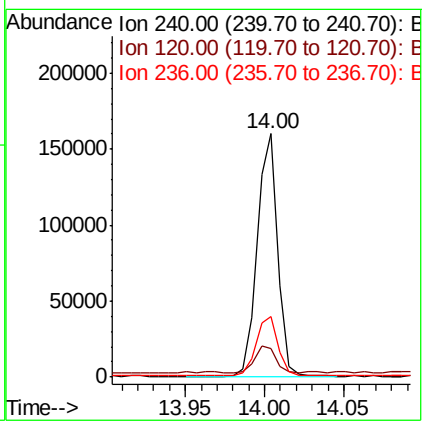


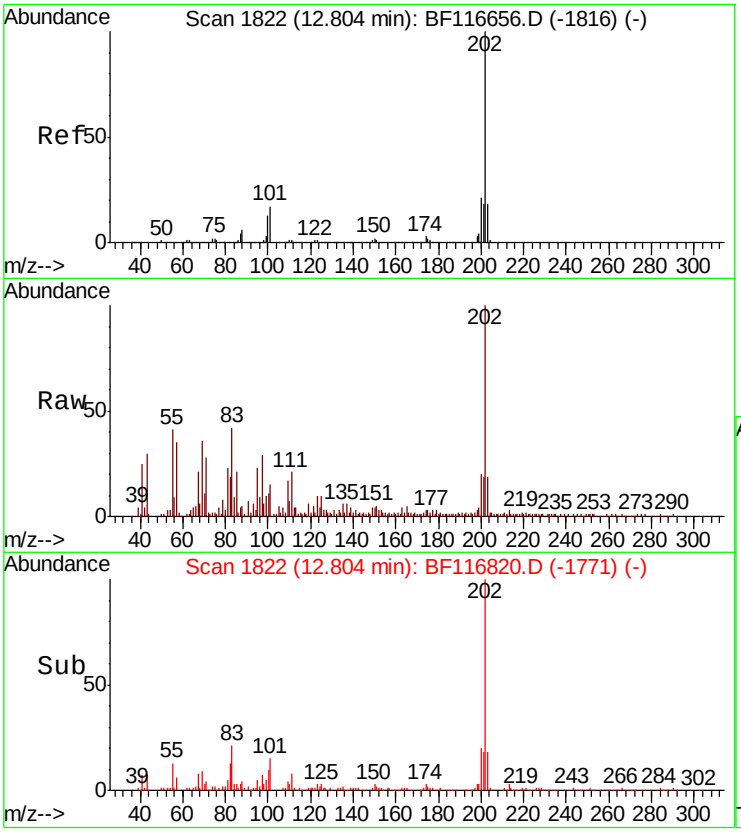


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Tgt Ion:240 Resp: 143916

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.1	13.7
236	24.9	21.1	31.7



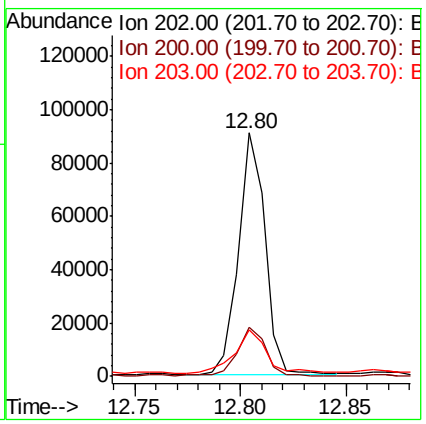


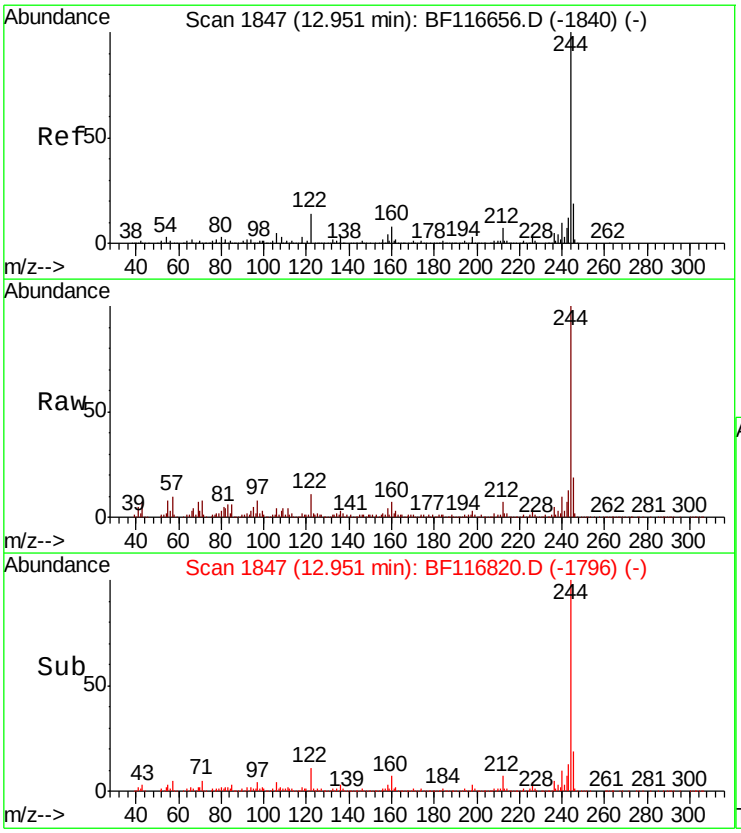
#78
Pyrene
Concen: 6.130 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Instrument :
BNA_F
ClientSampleId :
DW-02

Tgt Ion:202 Resp: 78428

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.5	24.7
203	19.1	13.7	20.5

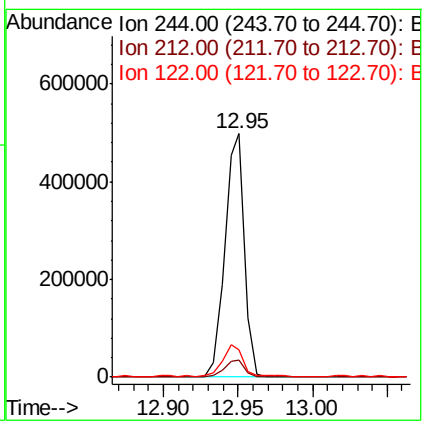


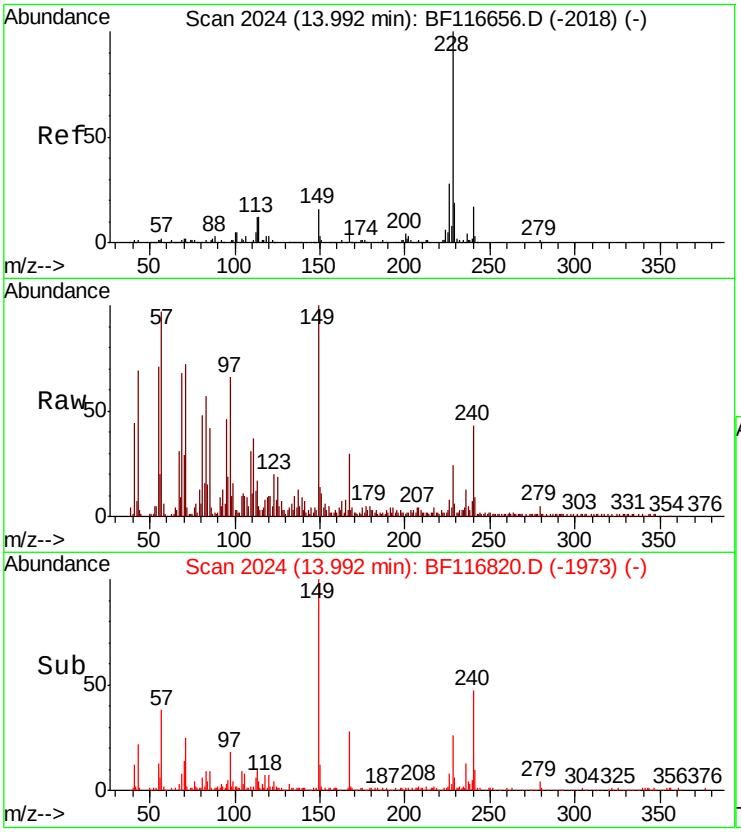


#79
Terphenyl-d14
Concen: 59.271 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Tgt Ion:244 Resp: 461099

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	11.3	10.2	15.4



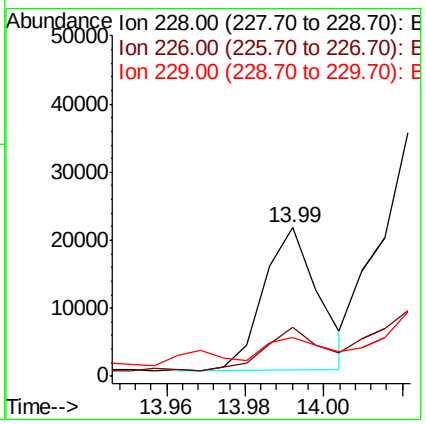


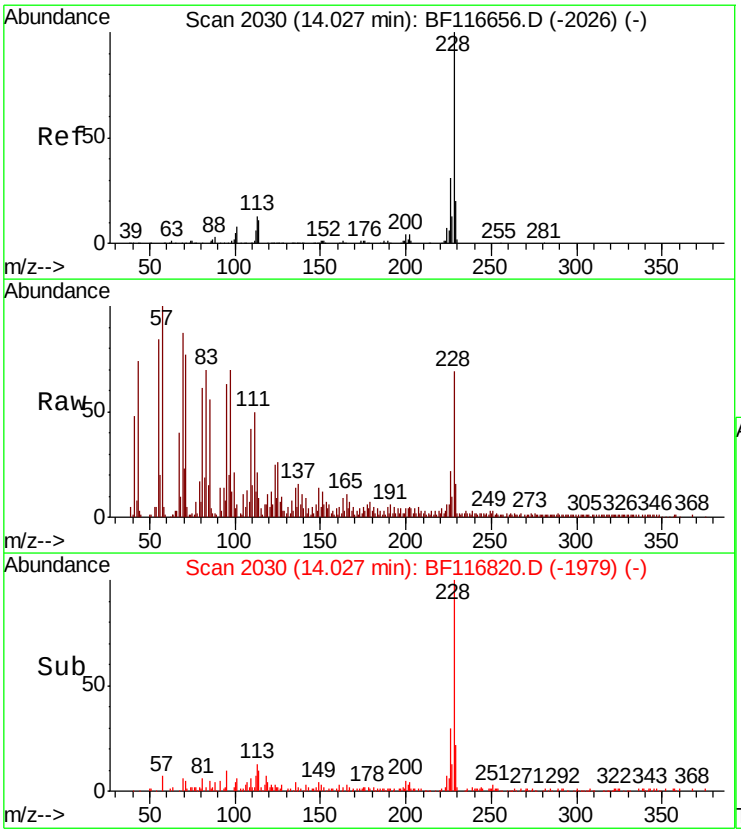
#81
Benzo(a)anthracene
Concen: 2.242 ng m
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Instrument :
BNA_F
ClientSampleId :
DW-02

Tgt Ion:228 Resp: 20418

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.0	33.0
229	26.3	16.4	24.6#

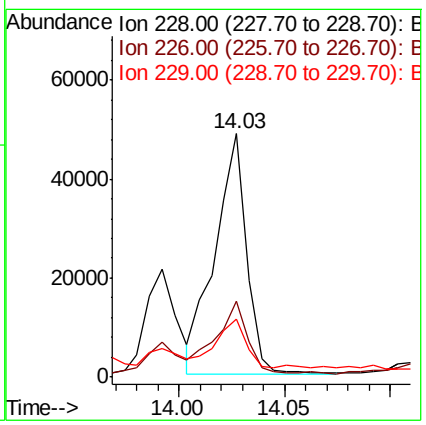


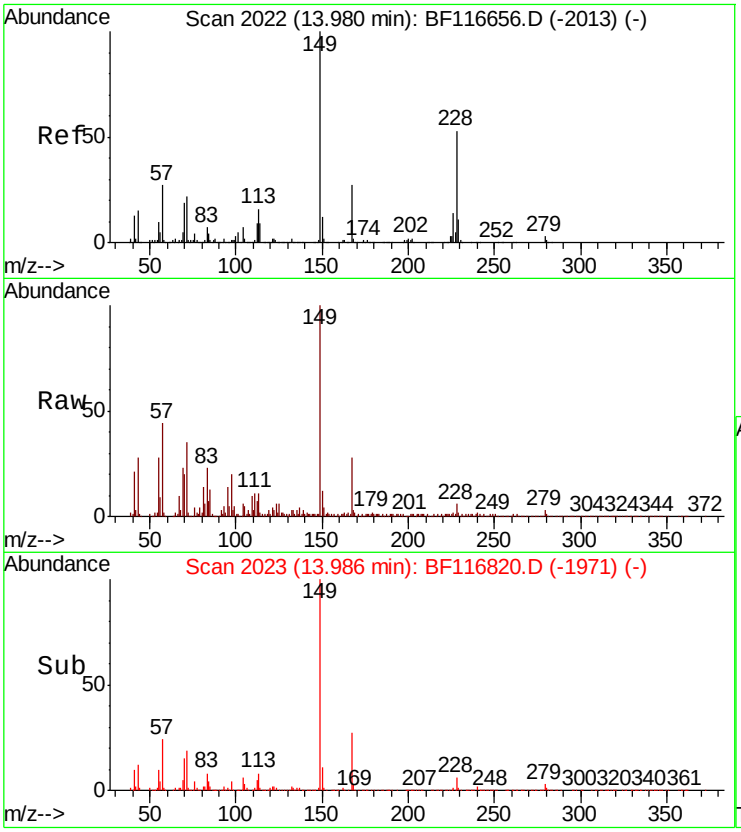


#83
Chrysene
Concen: 5.346 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Tgt Ion:228 Resp: 50169

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	23.7	15.4	23.0#



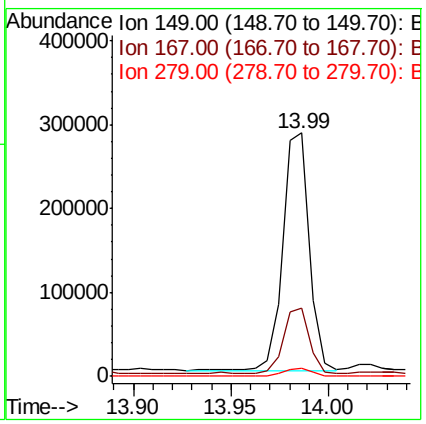


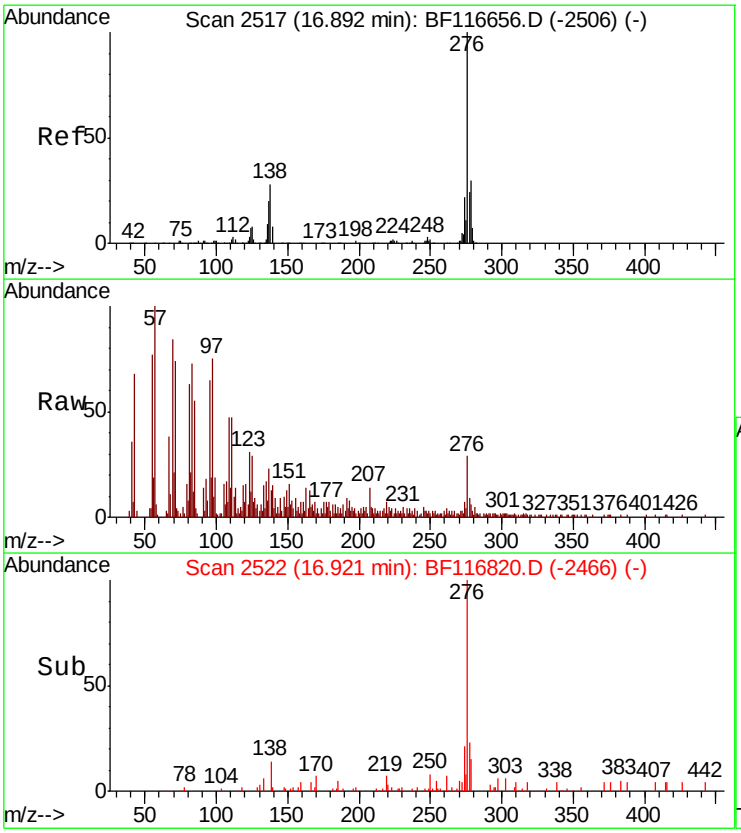
#84
Bis(2-ethylhexyl)phthalate
Concen: 34.145 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Instrument :
BNA_F
ClientSampleId :
DW-02

Tgt Ion:149 Resp: 262225

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.0	31.4
279	3.5	2.8	4.2

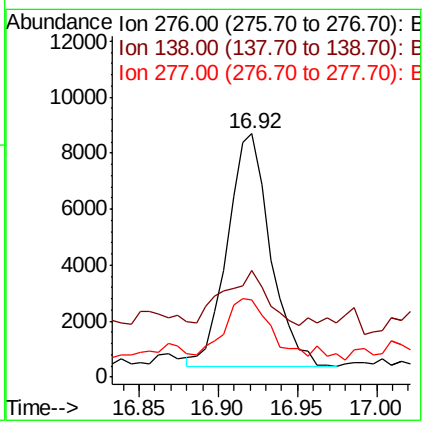


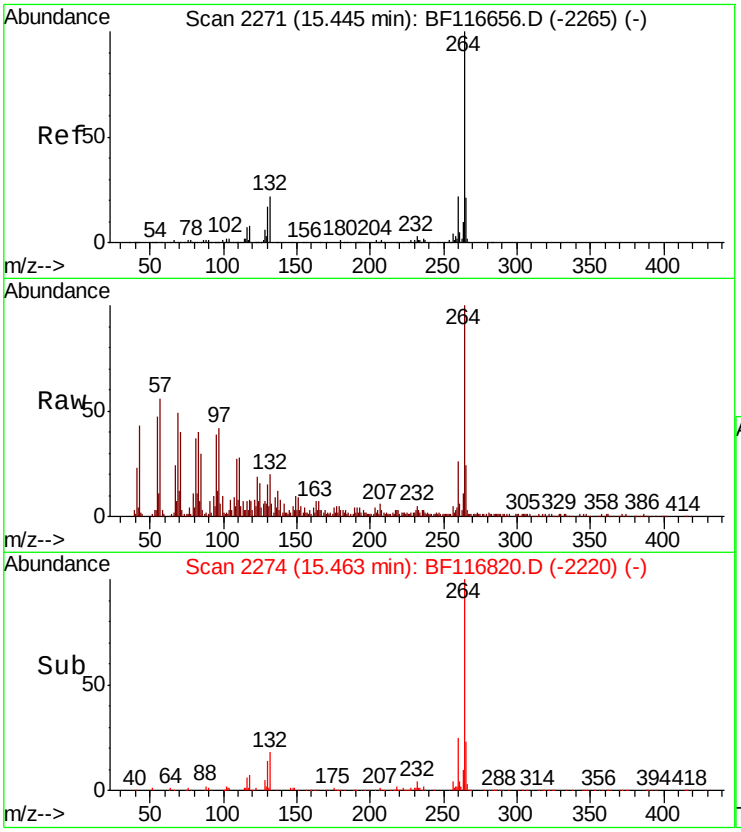


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.083 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.03 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Tgt Ion:276 Resp: 15697

Ion	Ratio	Lower	Upper
276	100		
138	25.5	19.4	29.2
277	28.7	20.5	30.7



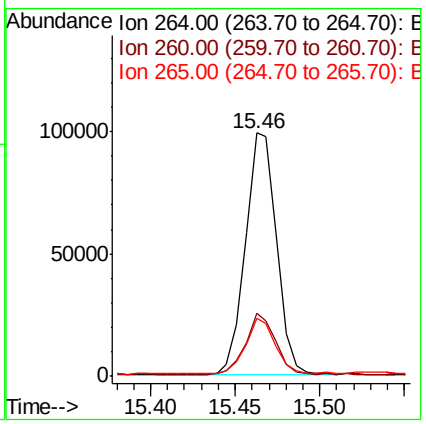


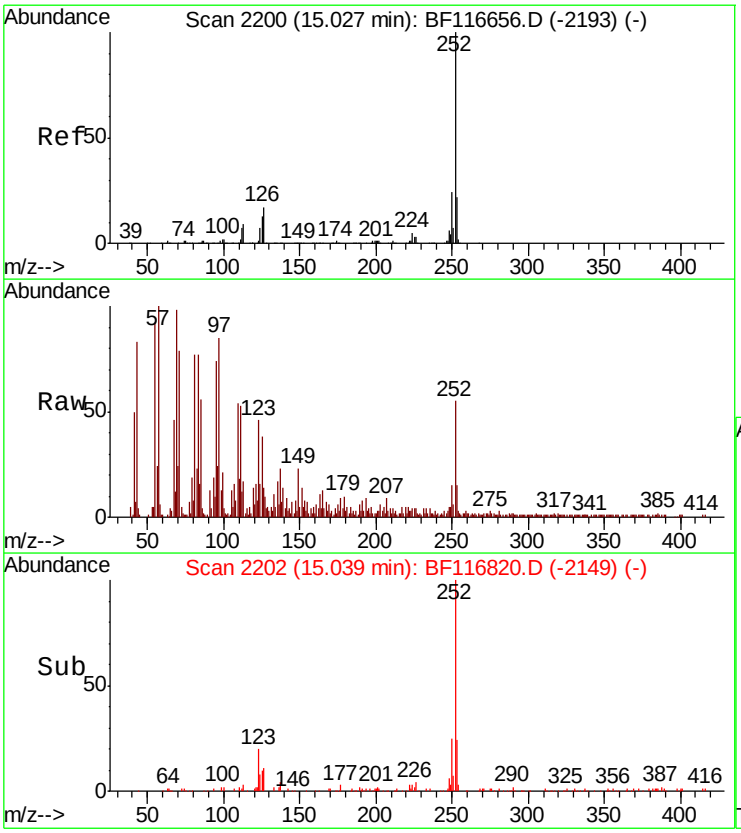
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Instrument :
BNA_F
ClientSampleId :
DW-02

Tgt Ion:264 Resp: 127439

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.3	27.5
265	23.6	16.5	24.7

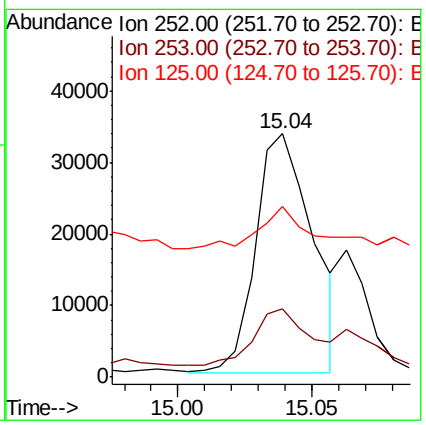


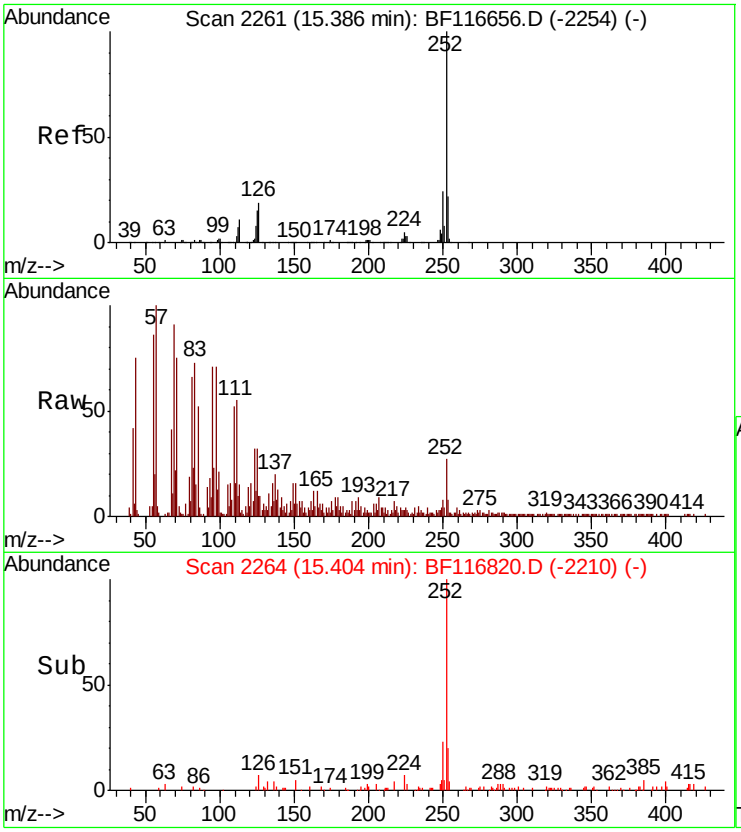


#88
Benzo(b)fluoranthene
Concen: 6.433 ng m
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Tgt Ion:252 Resp: 49563

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.7	26.5#
125	70.0	8.2	12.2#



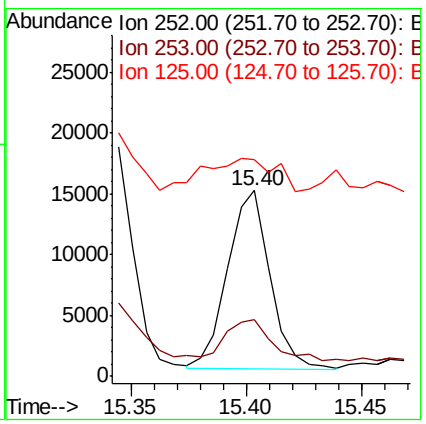


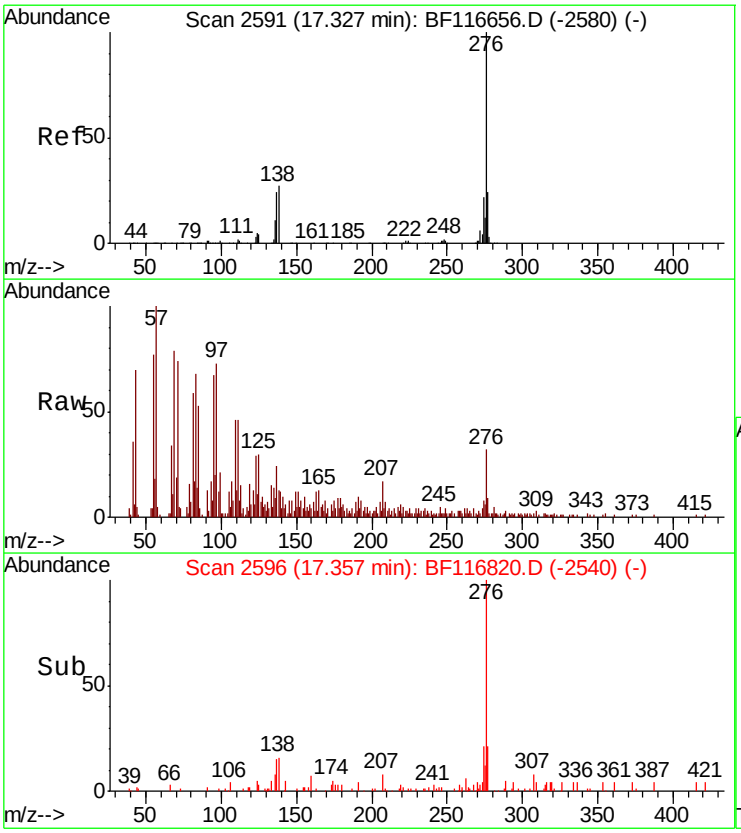
#90
Benzo(a)pyrene
Concen: 2.798 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Instrument :
BNA_F
ClientSampleId :
DW-02

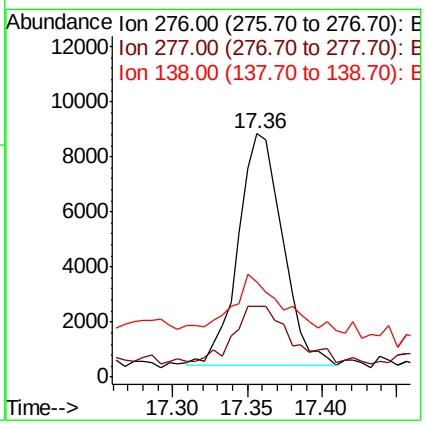
Tgt Ion:252 Resp: 18758

Ion	Ratio	Lower	Upper
252	100		
253	30.5	18.1	27.1#
125	116.6	9.8	14.8#





#92
Benzo(g,h,i)perylene
Concen: 2.887 ng
RT: 17.36 min Scan# 2596
Delta R.T. 0.03 min
Lab File: BF116820.D
Acq: 4 Sep 2019 17:21

Tgt Ion:276 Resp: 17277

Ion	Ratio	Lower	Upper
276	100		
277	29.2	18.5	27.7#
138	39.1	16.2	24.2#