Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116563.D
Acq On : 26 Aug 2019 8:10
Operator : HP/JU
Sample : K4450-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-G2

Quant Time: Aug 26 08:55:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	131477	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	482151	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	214096	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	299801	20.00	ng	0.00
76) Chrysene-d12	14.03	240	207490	20.00	ng	0.00
87) Perylene-d12	15.50	264	175837	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	713784	79.33	ng	0.01
7) Phenol-d6	6.51	99	963153	87.30	ng	0.00
23) Nitrobenzene-d5	7.44	82	556761	63.18	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	137682	74.89	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1079776	81.22	ng	0.00
79) Terphenyl-d14	12.98	244	806590	72.61	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.52	94	27987	2.336	ng	95
50) Dimethylphthalate	9.63	163	219556	14.698	ng	98
71) Phenanthrene	11.42	178	65187	3.991	ng	99
75) Fluoranthene	12.60	202	79953	4.735	ng	98
78) Pyrene	12.83	202	57980	3.494	ng	98
83) Chrysene	14.06	228	31341	2.301	ng	99

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

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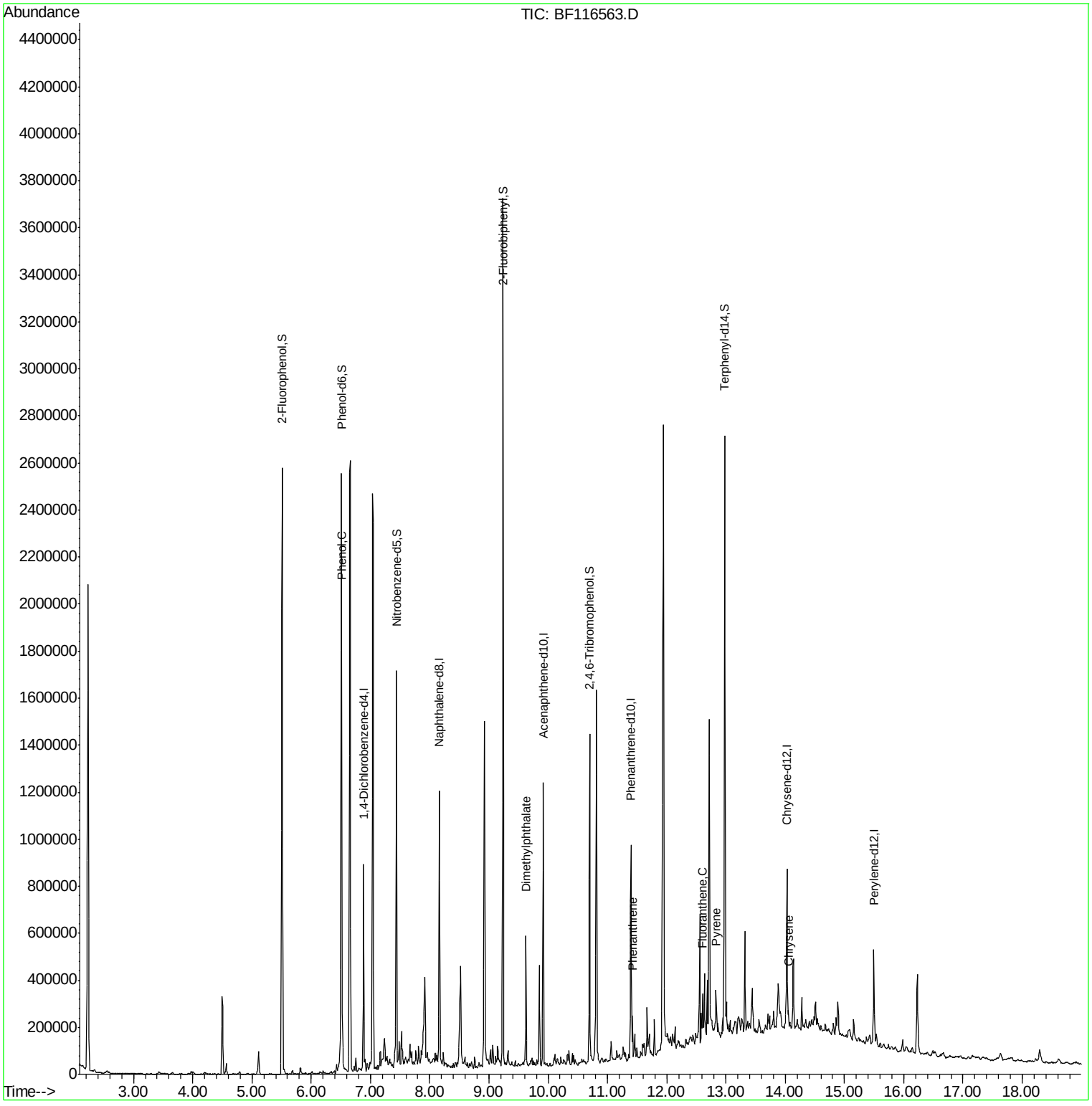
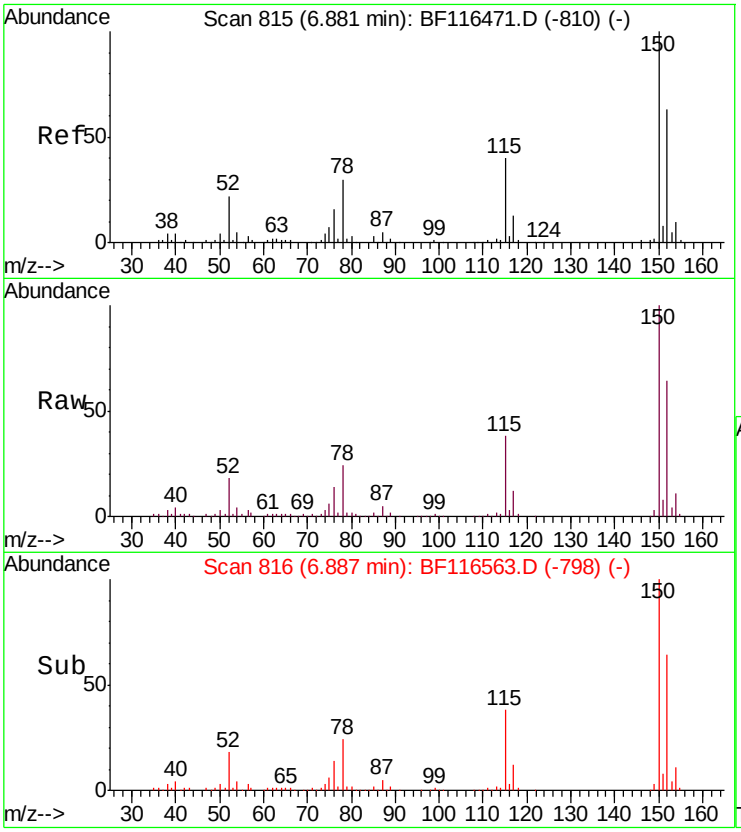


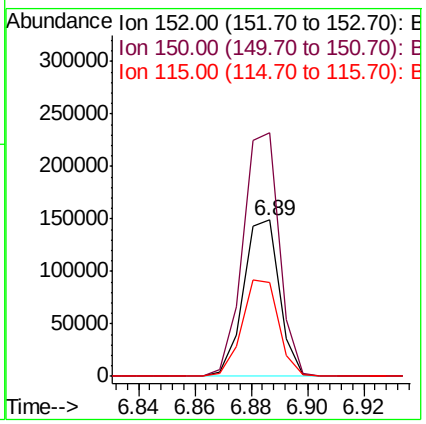


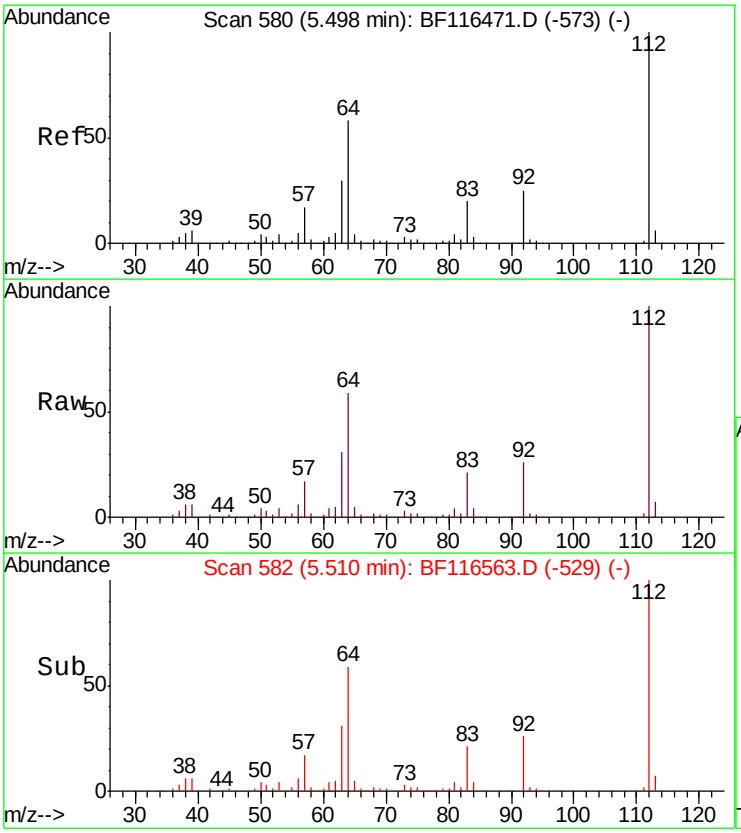
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Instrument :
BNA_F
ClientSampleId :
WC-G2

Tgt Ion:152 Resp: 131477

Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.7	190.1
115	60.0	50.9	76.3

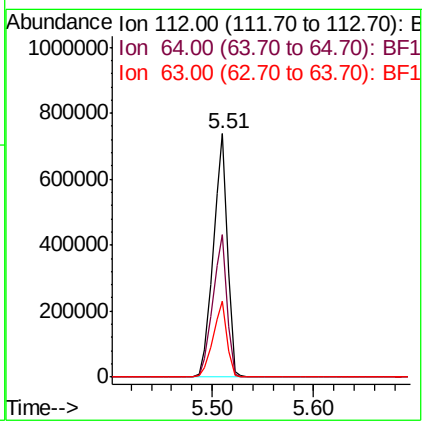


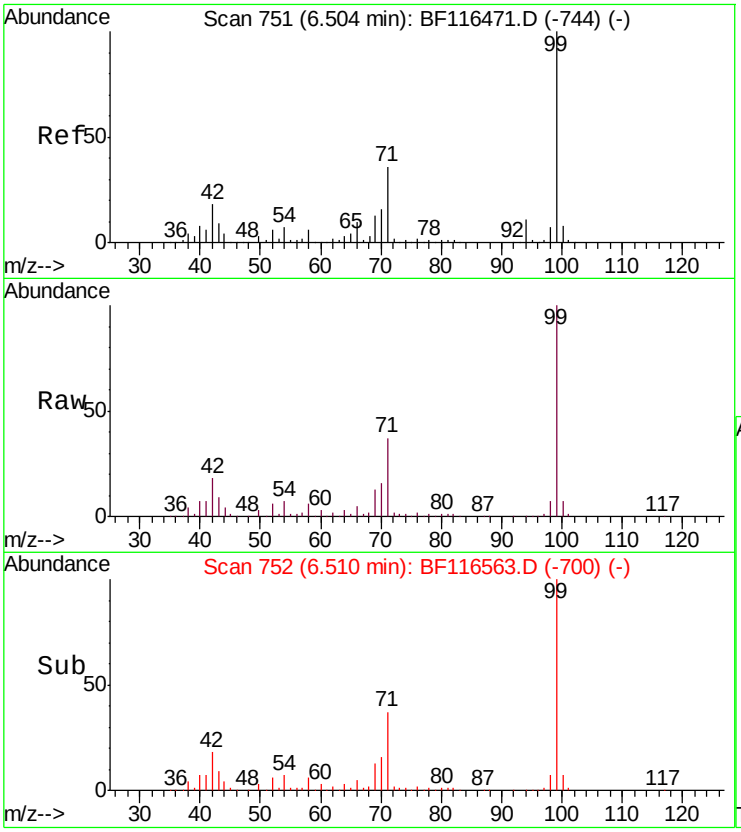


#5
2-Fluorophenol
Concen: 79.325 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion:112 Resp: 713784

Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.3	69.5
63	31.1	24.2	36.4



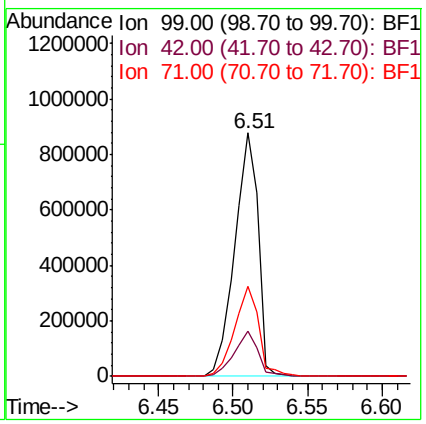


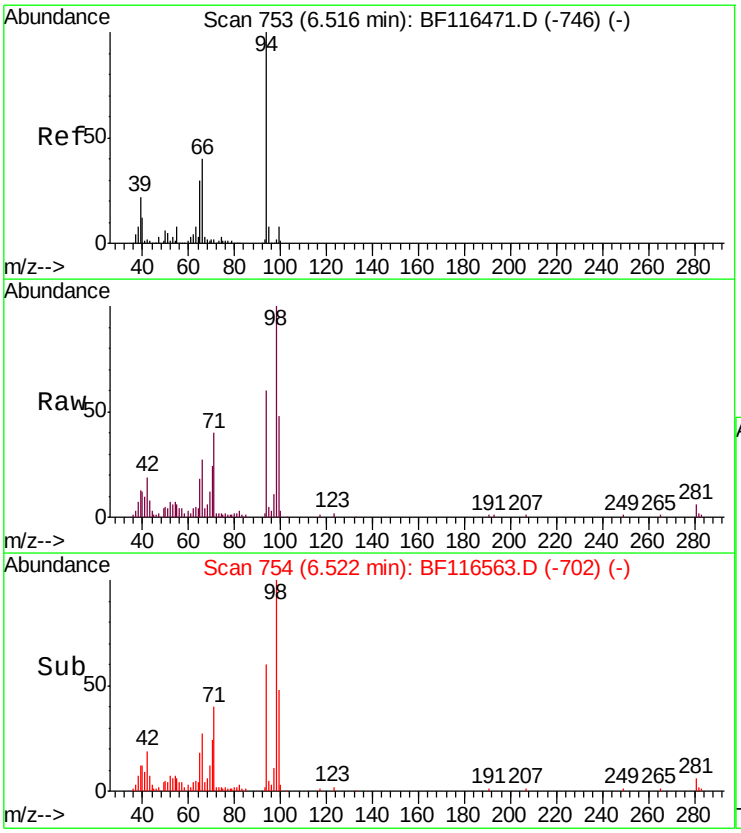
#7
Phenol-d6
Concen: 87.296 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Instrument :
BNA_F
ClientSampleId :
WC-G2

Tgt Ion: 99 Resp: 963153

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.6	21.8
71	37.0	28.5	42.7

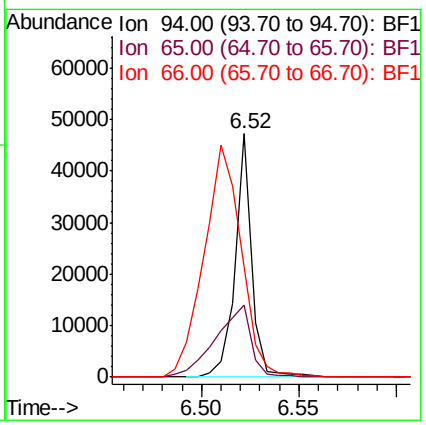


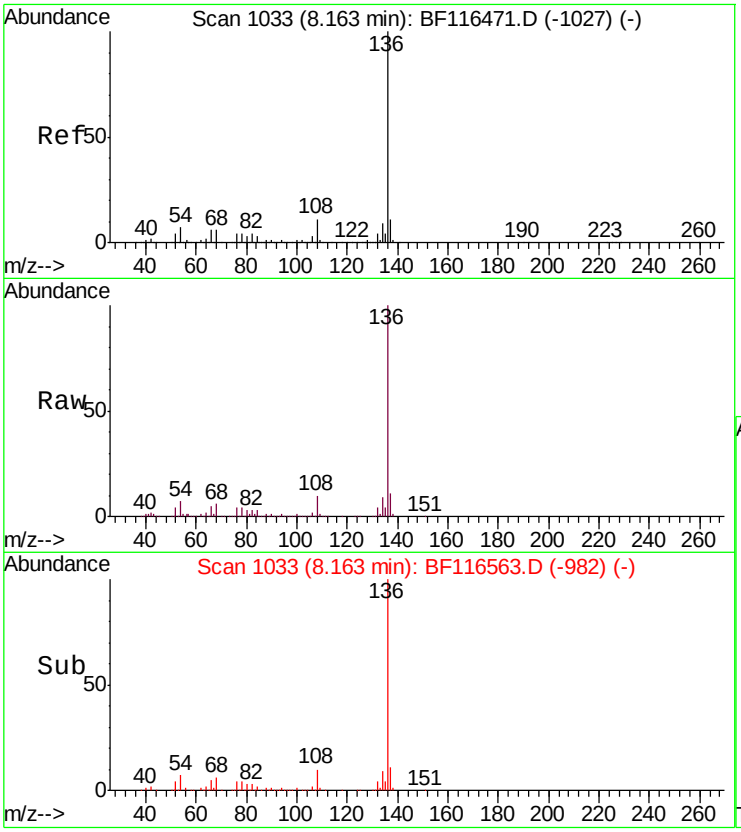


#10
Phenol
Concen: 2.336 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion: 94 Resp: 27987

Ion	Ratio	Lower	Upper
94	100		
65	29.7	10.0	50.0
66	45.1	19.8	59.8



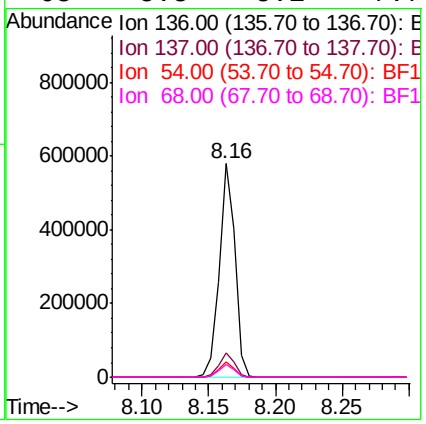


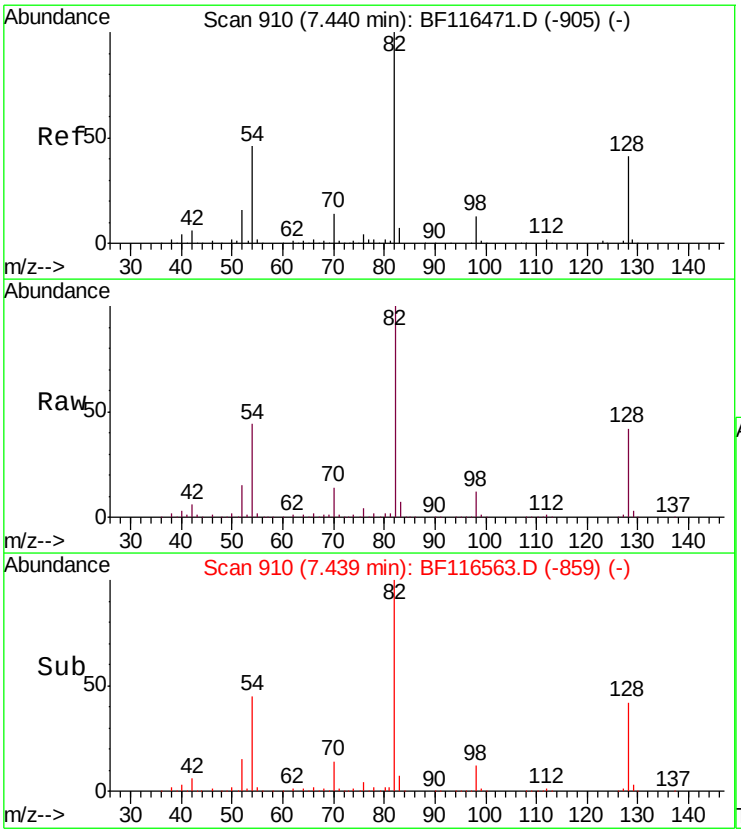
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Instrument :
BNA_F
ClientSampleId :
WC-G2

Tgt Ion:136 Resp: 482151

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.9	5.8	8.6
68	5.8	5.1	7.7

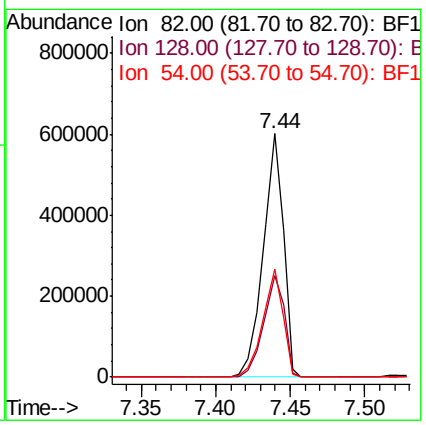


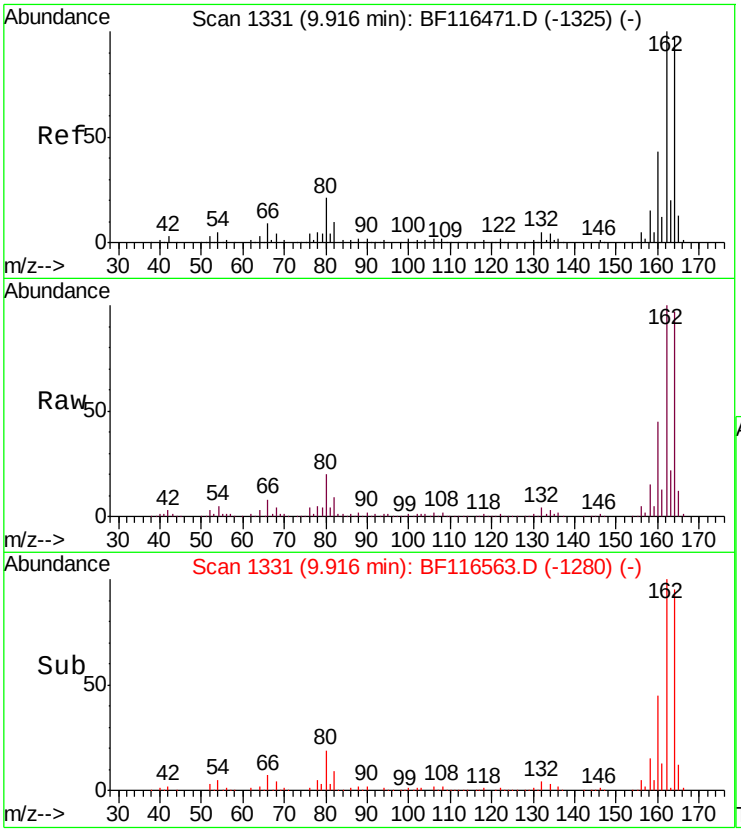


#23
Nitrobenzene-d5
Concen: 63.176 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion: 82 Resp: 556761

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.2	48.4
54	44.5	36.5	54.7



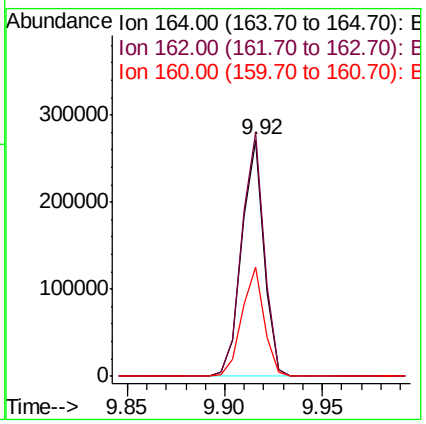


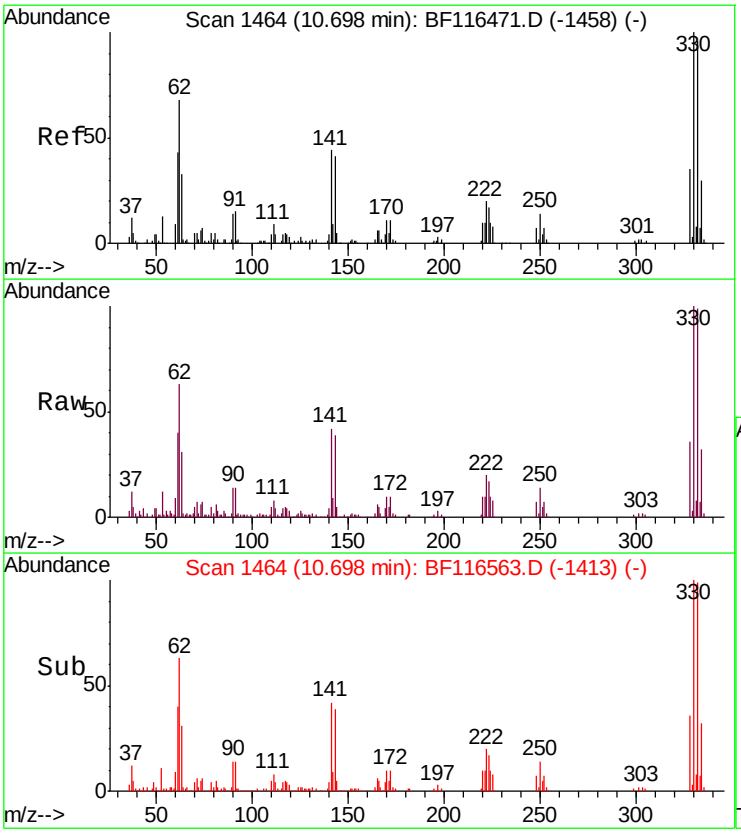
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Instrument :
BNA_F
ClientSampleId :
WC-G2

Tgt Ion:164 Resp: 214096

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	46.1	35.8	53.8

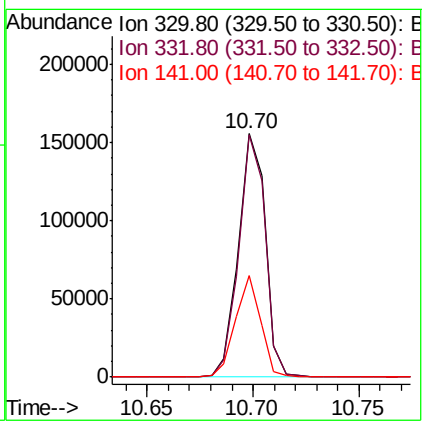


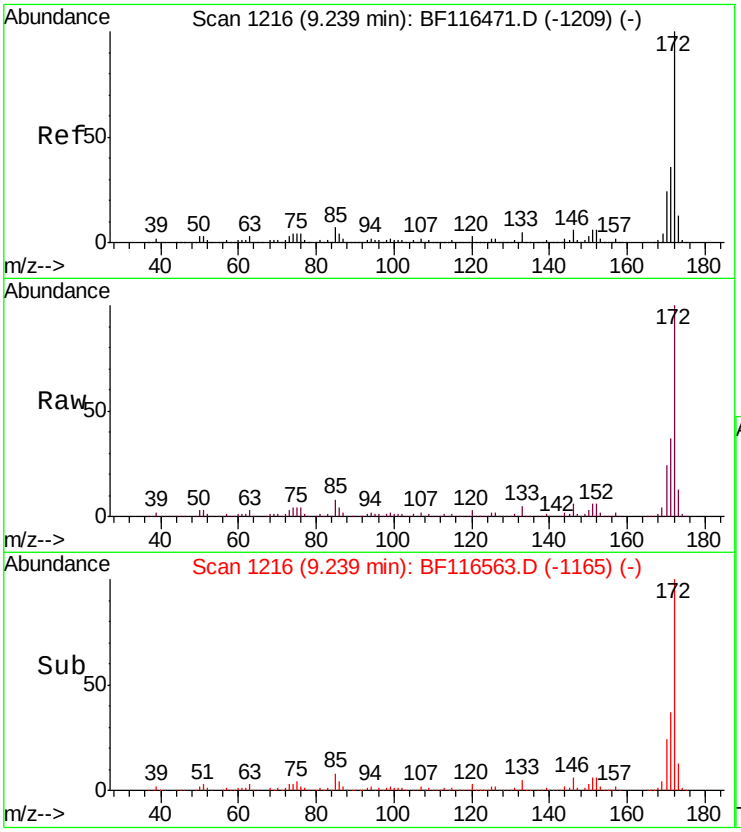


#42
2,4,6-Tribromophenol
Concen: 74.893 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion:330 Resp: 137682

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.2	115.8
141	39.5	33.3	49.9



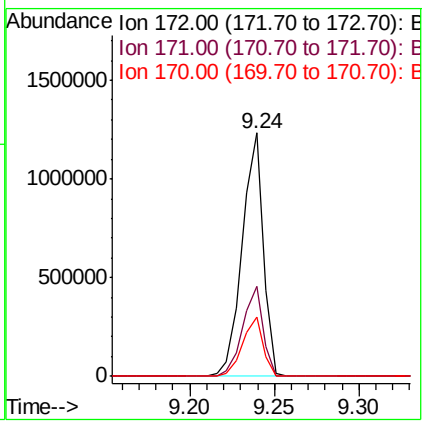


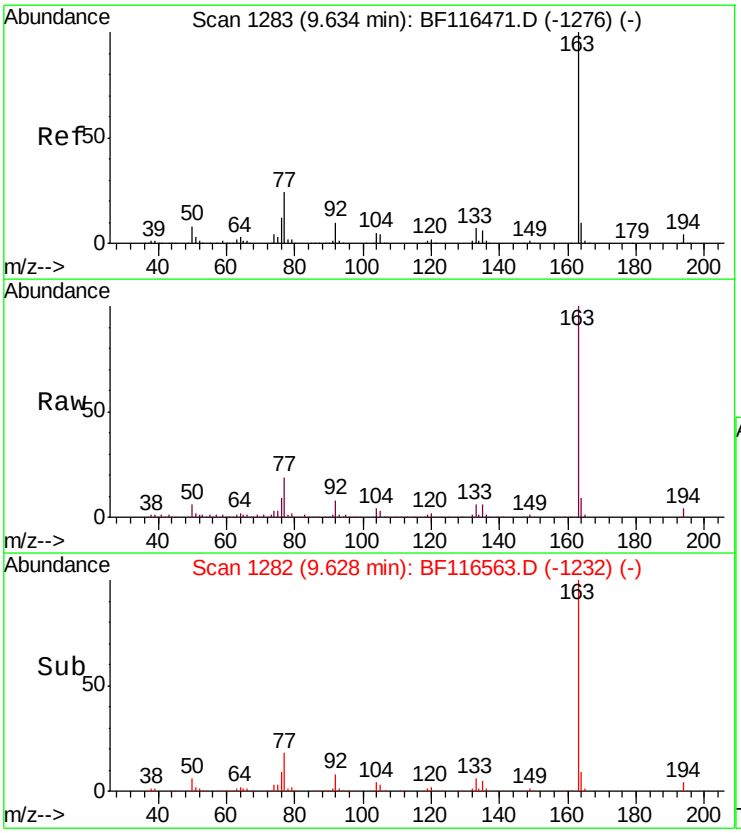
#45
2-Fluorobiphenyl
Concen: 81.220 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Instrument :
BNA_F
ClientSampleId :
WC-G2

Tgt Ion:172 Resp: 1079776

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.4	19.4	29.0

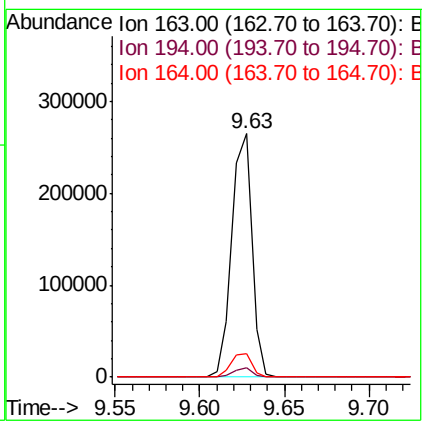


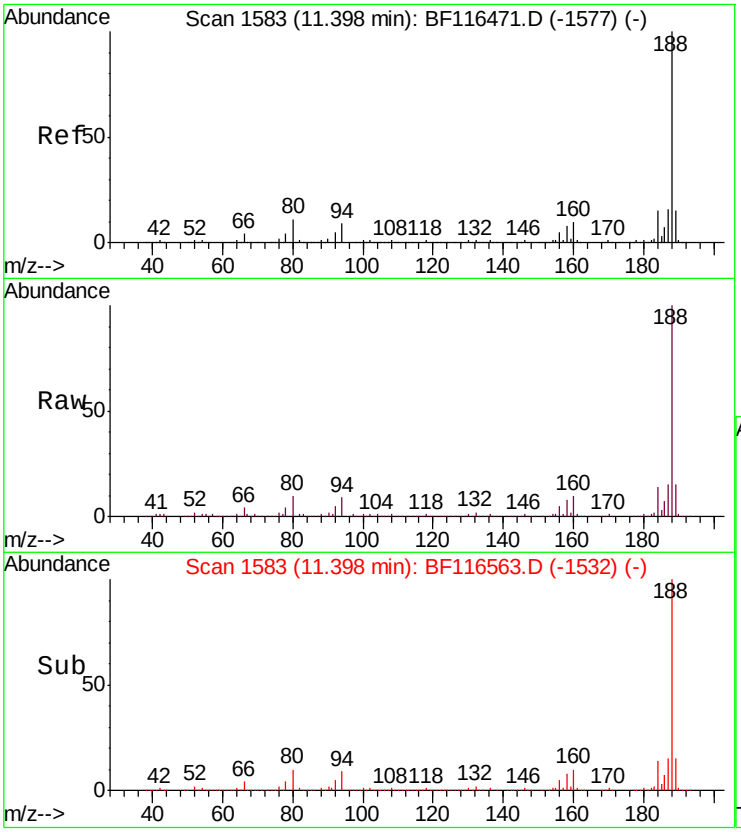


#50
Dimethylphthalate
Concen: 14.698 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion:163 Resp: 219556

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.9	4.3
164	9.4	8.2	12.2



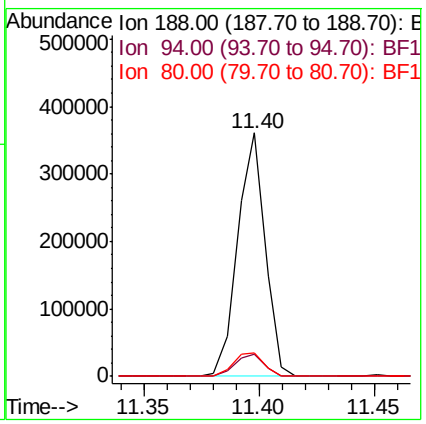


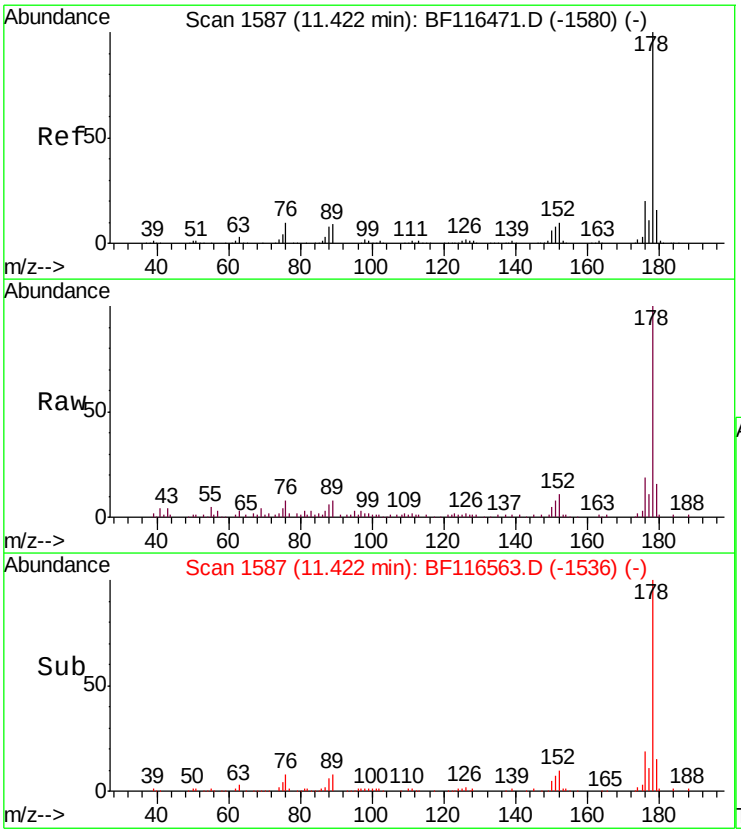
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Instrument :
BNA_F
ClientSampleId :
WC-G2

Tgt Ion:188 Resp: 299801

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.8	8.6	12.8

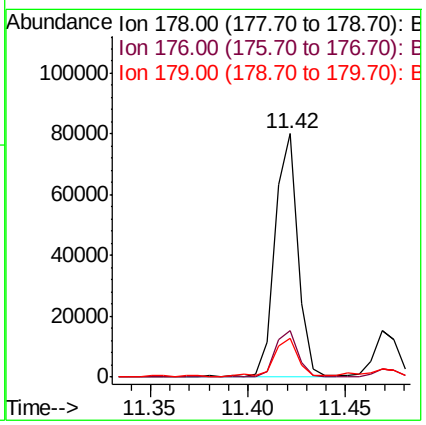


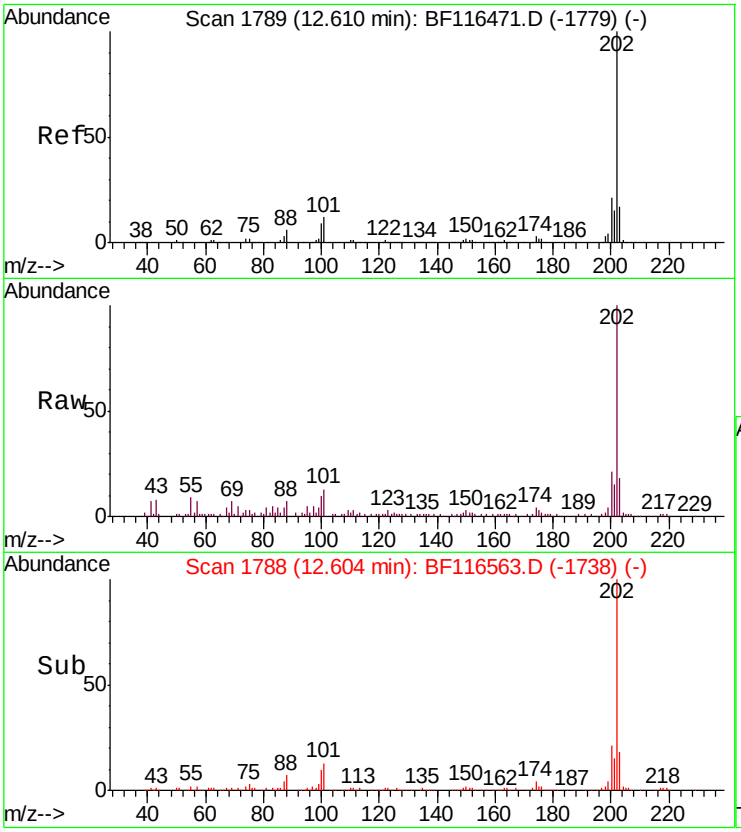


#71
Phenanthrene
Concen: 3.991 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion:178 Resp: 65187

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.9	12.8	19.2



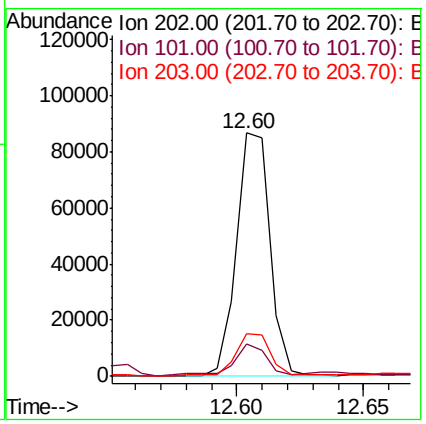


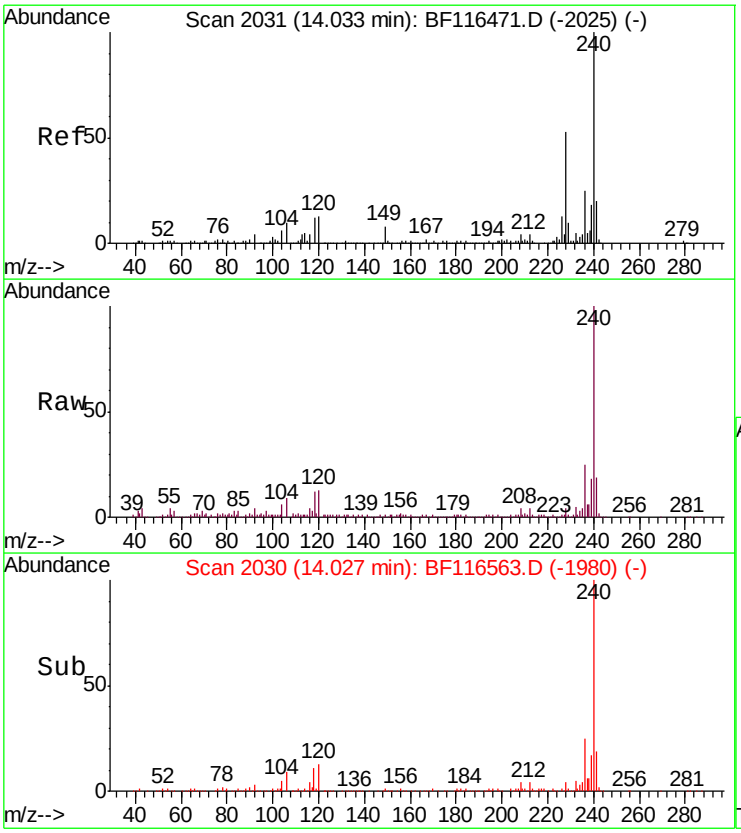
#75
Fluoranthene
Concen: 4.735 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Instrument :
BNA_F
ClientSampleId :
WC-G2

Tgt Ion:202 Resp: 79953

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.5
203	17.5	0.0	37.5

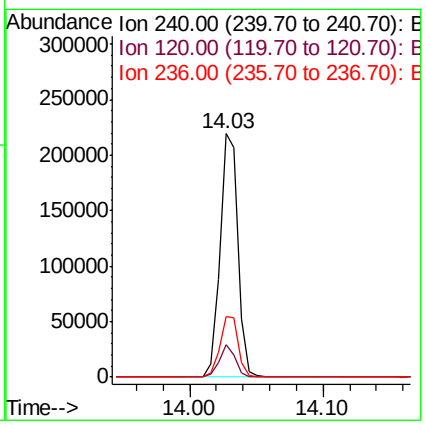


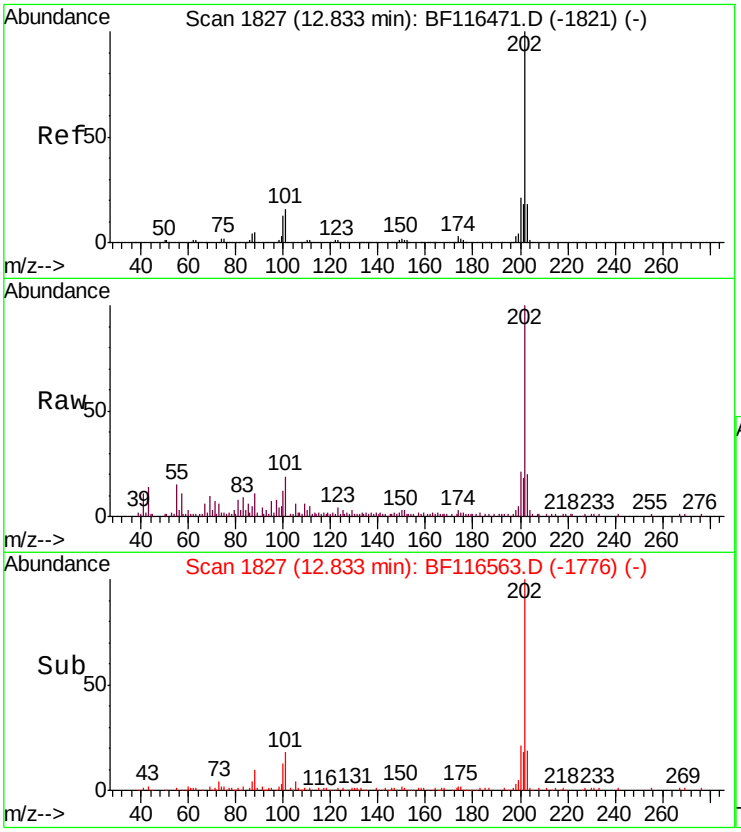


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion:240 Resp: 207490

Ion	Ratio	Lower	Upper
240	100		
120	13.3	10.5	15.7
236	25.0	20.2	30.2



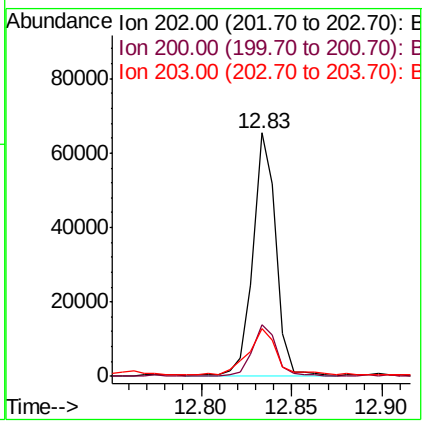


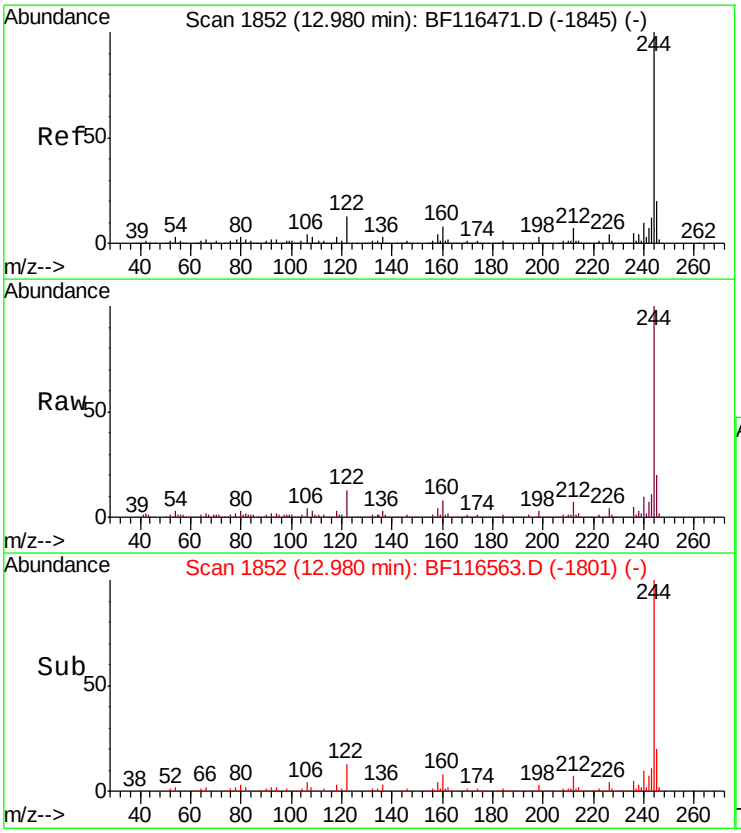
#78
Pyrene
Concen: 3.494 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Instrument :
BNA_F
ClientSampleId :
WC-G2

Tgt Ion:202 Resp: 57980

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	19.6	14.2	21.4

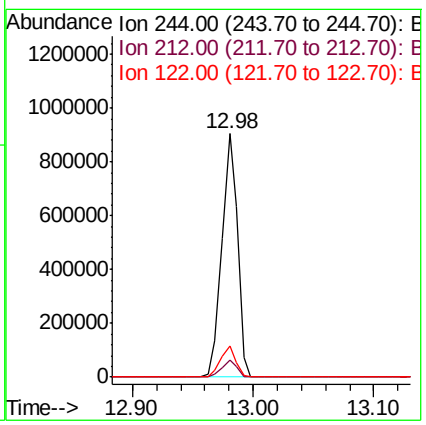


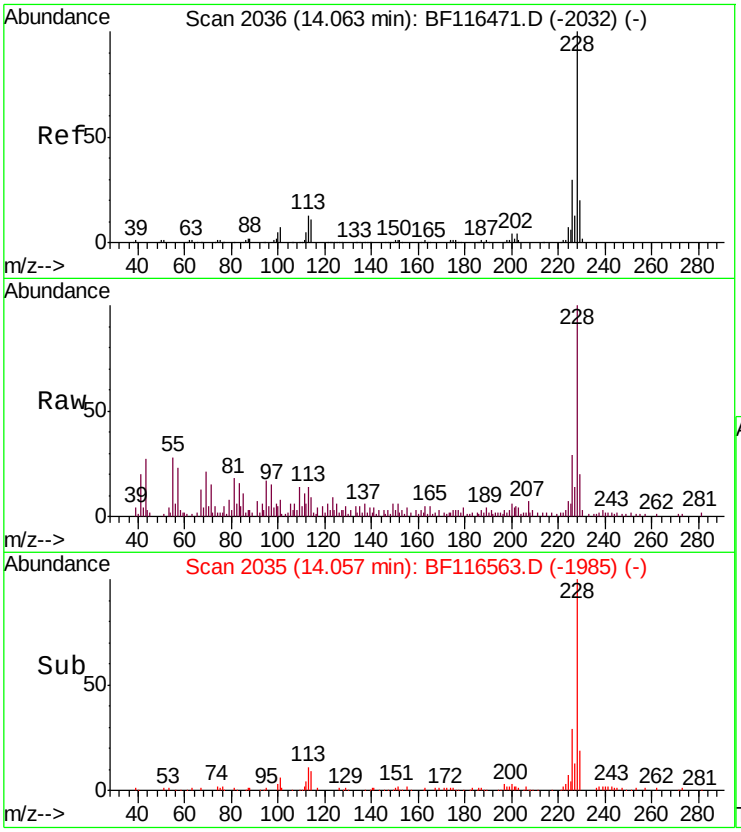


#79
Terphenyl-d14
Concen: 72.612 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion:244 Resp: 806590

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	12.6	10.2	15.4



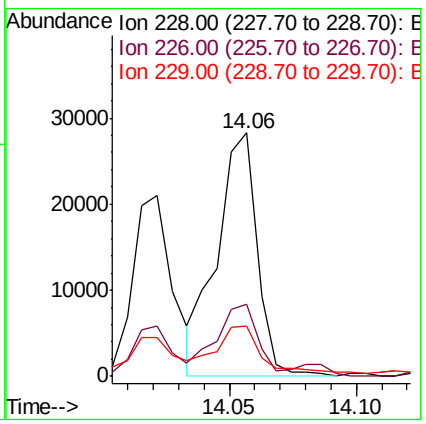


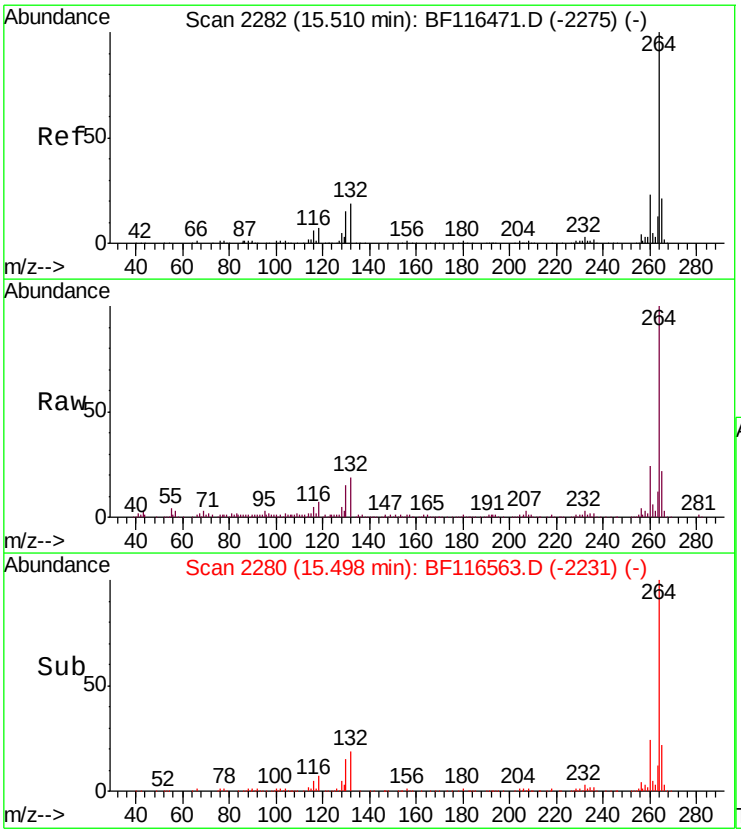
#83
Chrysene
Concen: 2.301 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Instrument :
BNA_F
ClientSampleId :
WC-G2

Tgt Ion:228 Resp: 31341

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.2
229	20.5	15.8	23.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116563.D
Acq: 26 Aug 2019 8:10

Tgt Ion:264 Resp: 175837

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	21.8	17.1	25.7