Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116085.D
Acq On : 8 Aug 2019 23:25
Operator : HP/JU
Sample : K4152-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 09 09:15:02 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	128799	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	518788	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	292187	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	539213	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	403238	20.00	ng		0.00
87) Perylene-d12	15.47	264	385401	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	928439	120.67	ng		0.00
7) Phenol-d6	6.47	99	1217362	125.41	ng		-0.01
23) Nitrobenzene-d5	7.40	82	794129	88.36	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	326946	115.41	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1312381	84.13	ng		-0.01
79) Terphenyl-d14	12.95	244	1520876	79.48	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	105498	17.538	ng	#	79
25) Isophorone	7.40	82	794125	46.209	ng	#	65
50) Dimethylphthalate	9.59	163	311400	15.652	ng		98
57) 2,4-Dinitrotoluene	9.87	165	37544	6.522	ng	#	20
71) Phenanthrene	11.38	178	139041	5.044	ng		99
72) Anthracene	11.38	178	139041	4.984	ng		99
75) Fluoranthene	12.57	202	236712	8.202	ng		76
78) Pyrene	12.80	202	197372	6.493	ng	#	77
81) Benzo(a)anthracene	13.99	228	98661	3.828	ng		94
83) Chrysene	13.99	228	98661	3.943	ng		91
88) Benzo(b)fluoranthene	15.05	252	121889	5.470	ng	#	95
89) Benzo(k)fluoranthene	15.05	252	121889	5.616	ng	#	95
90) Benzo(a)pyrene	15.41	252	61324	3.078	ng	#	94

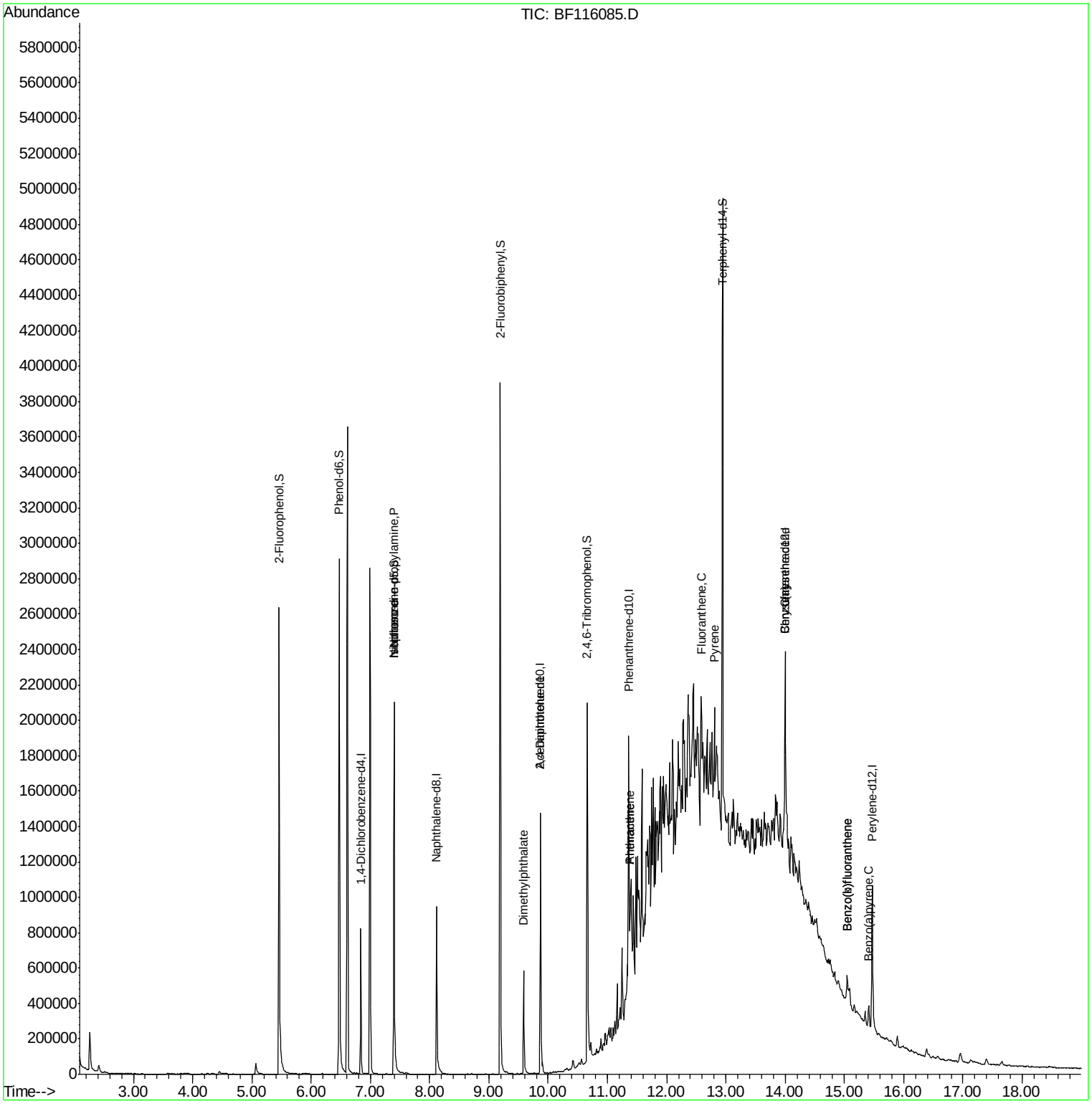
(#) = qualifier out of range (m) = manual integration (+) = signals summed

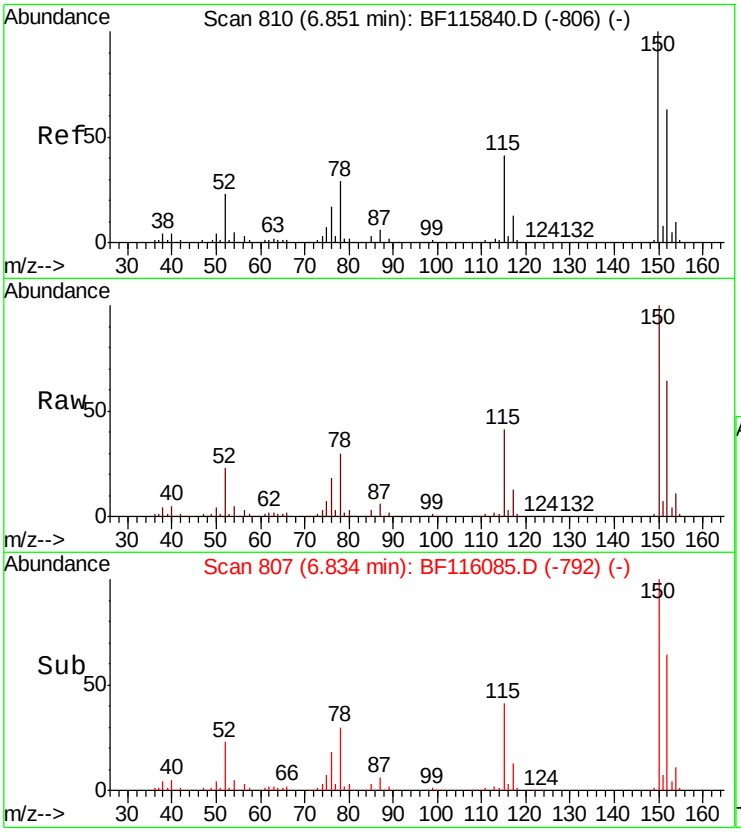
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116085.D
Acq On : 8 Aug 2019 23:25
Operator : HP/JU
Sample : K4152-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 09 09:15:02 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



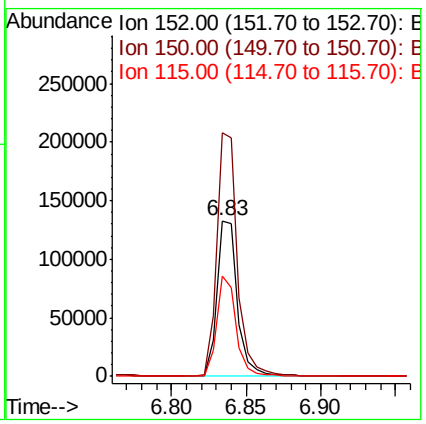


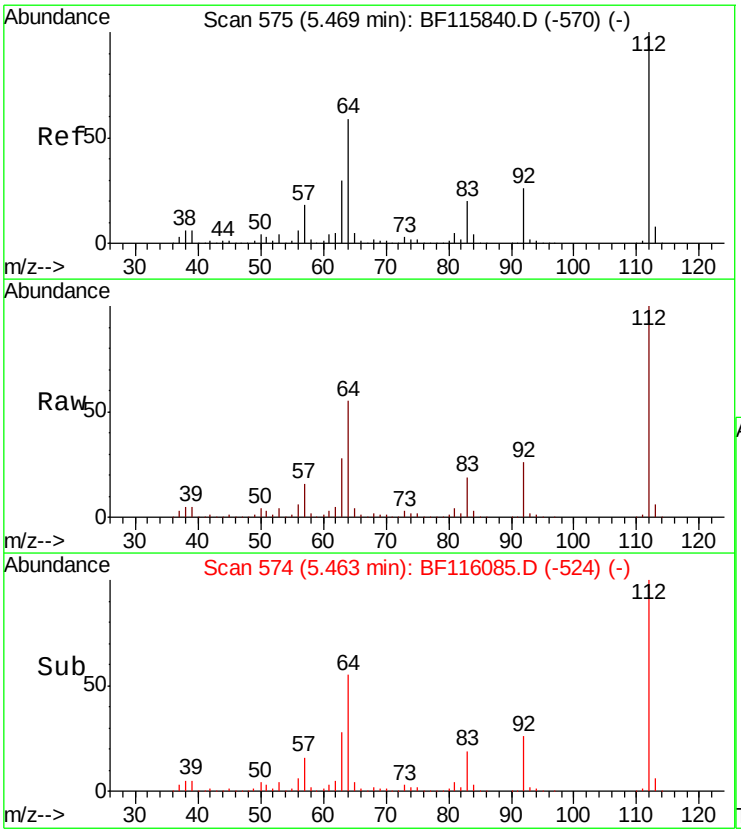
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128799

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	64.5	49.9	74.9

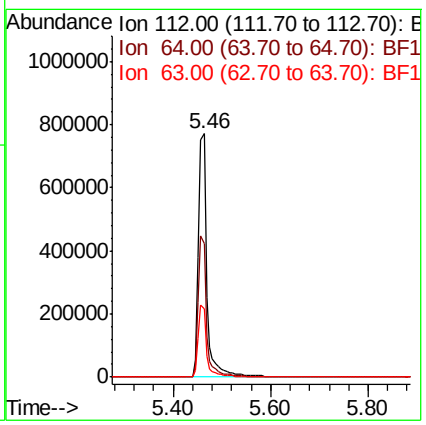


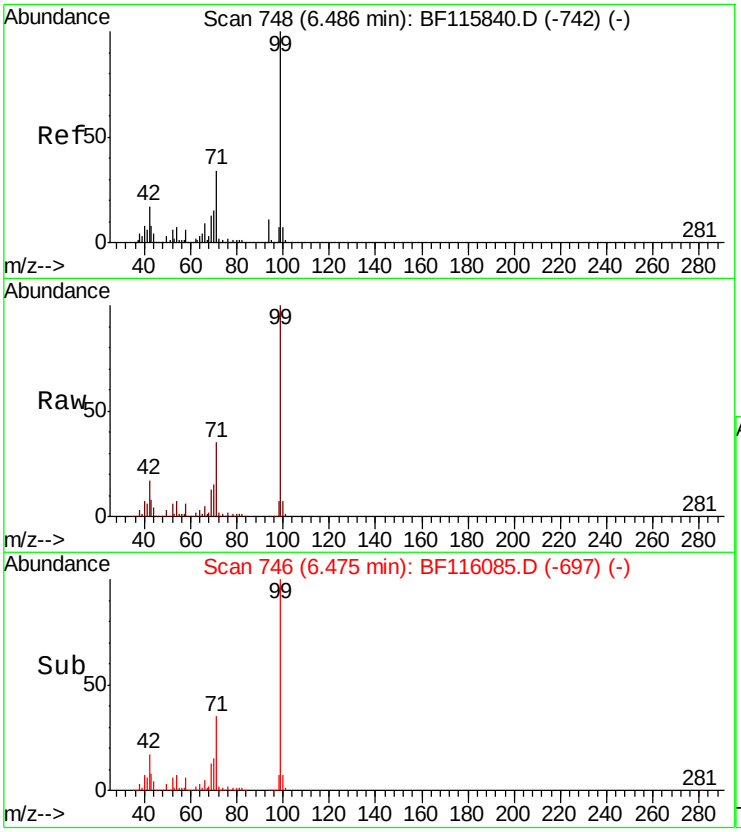


#5
2-Fluorophenol
Concen: 120.674 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Tgt Ion:112 Resp: 928439

Ion	Ratio	Lower	Upper
112	100		
64	55.0	45.4	68.2
63	28.3	23.7	35.5



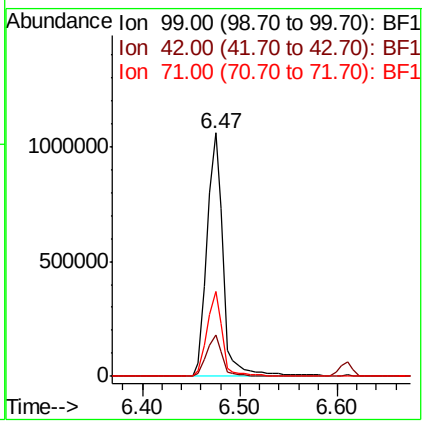


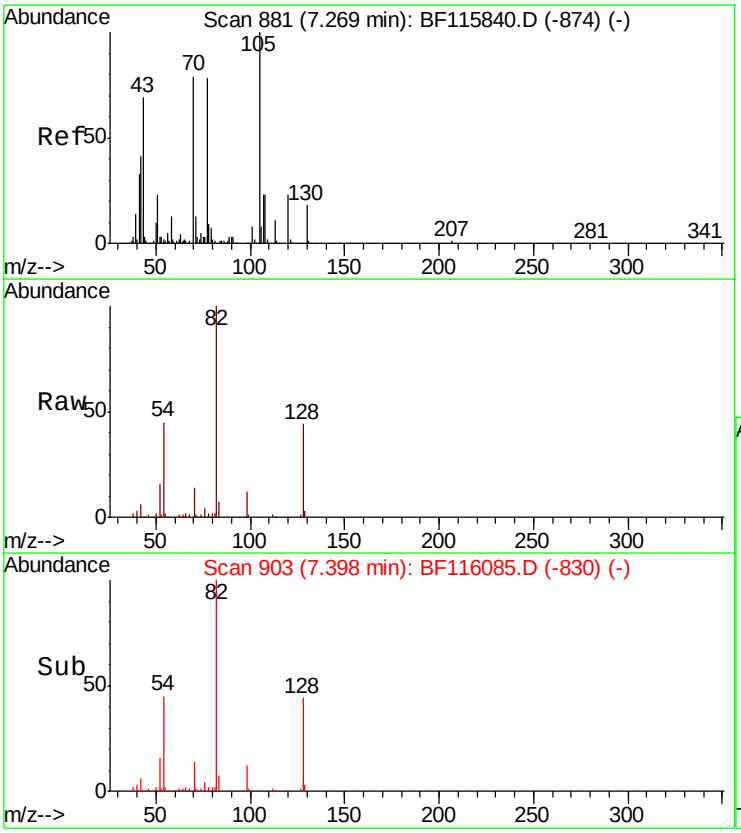
#7
Phenol-d6
Concen: 125.410 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1217362

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.8
71	34.7	27.3	40.9

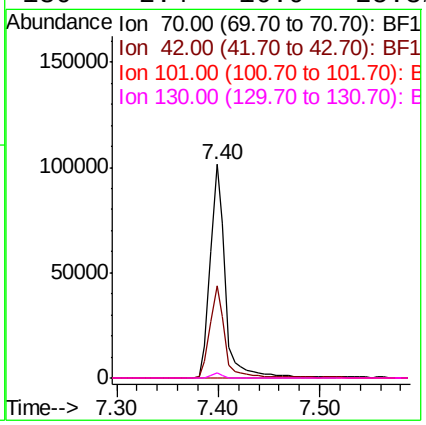


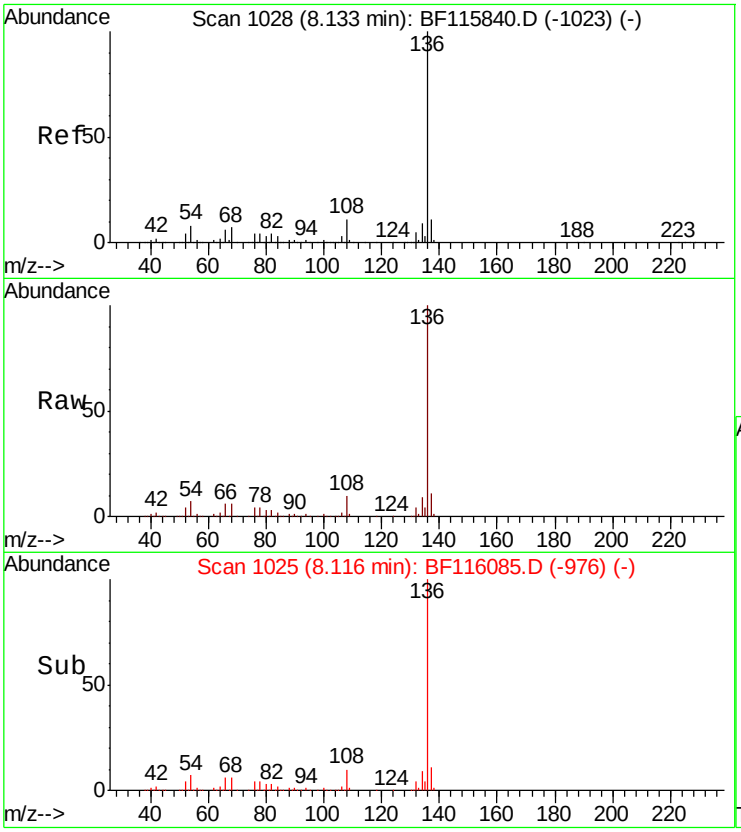


#19
n-Nitroso-di-n-propylamine
Concen: 17.538 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Tgt Ion: 70 Resp: 105498

Ion	Ratio	Lower	Upper
70	100		
42	43.0	40.9	61.3
101	0.0	7.9	11.9#
130	2.4	16.9	25.3#



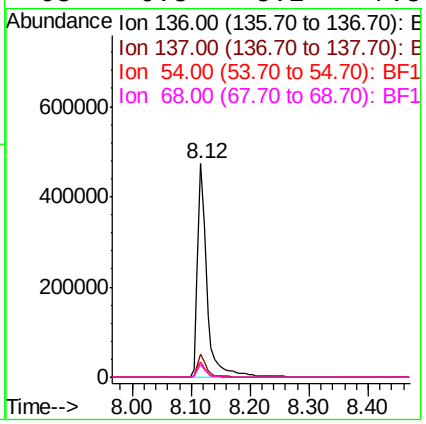


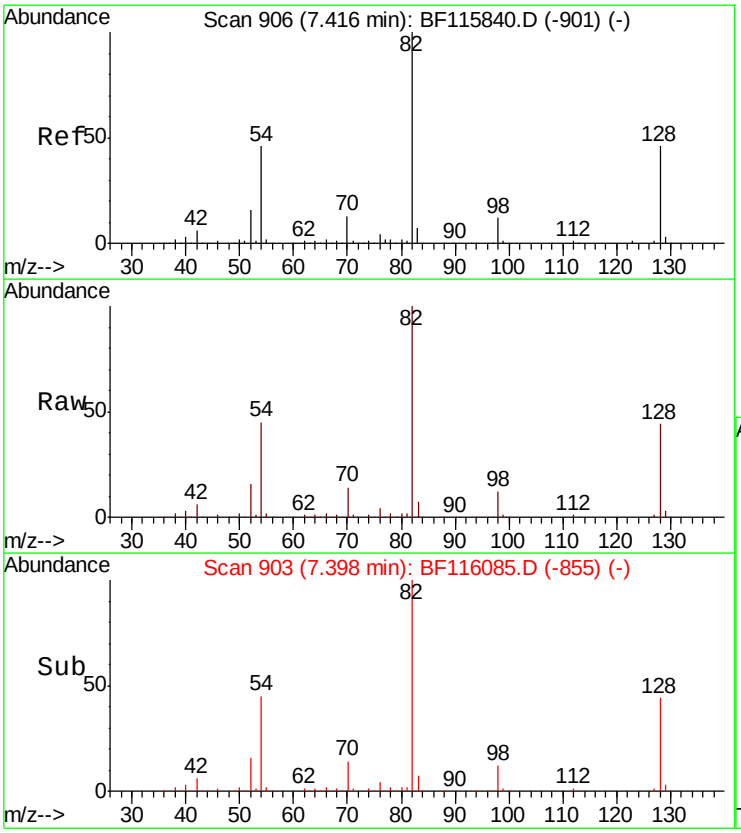
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 518788

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.2	5.8	8.6
68	6.3	5.2	7.8

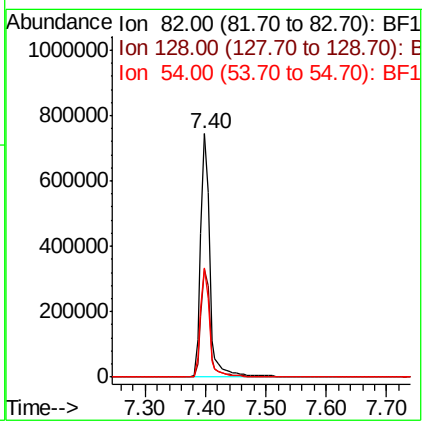


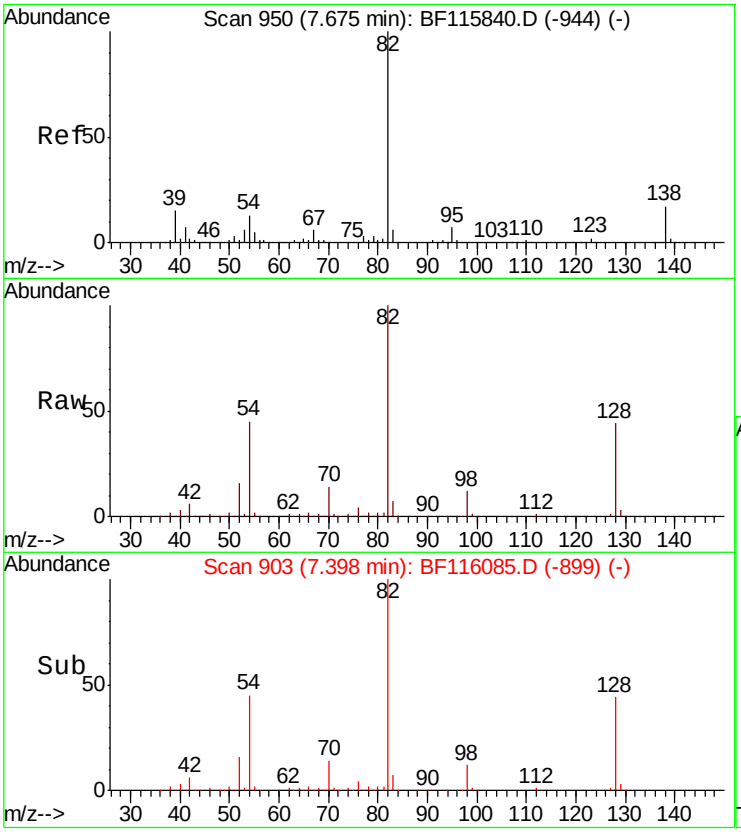


#23
Nitrobenzene-d5
Concen: 88.359 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Tgt Ion: 82 Resp: 794129

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.5	54.7
54	45.1	36.0	54.0



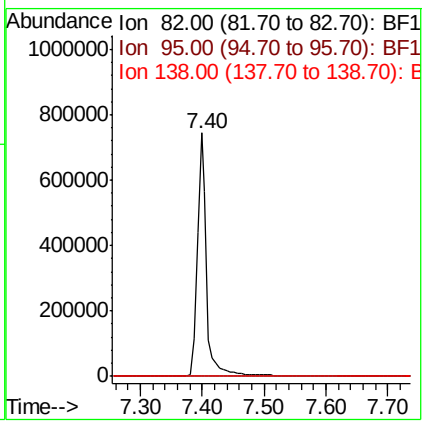


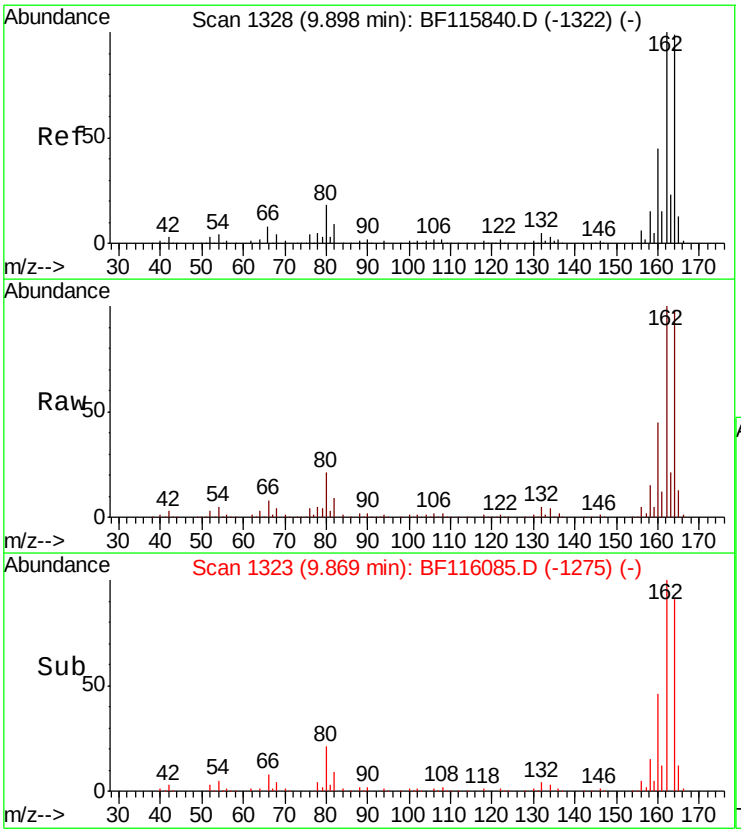
#25
Isophorone
Concen: 46.209 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 794125

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

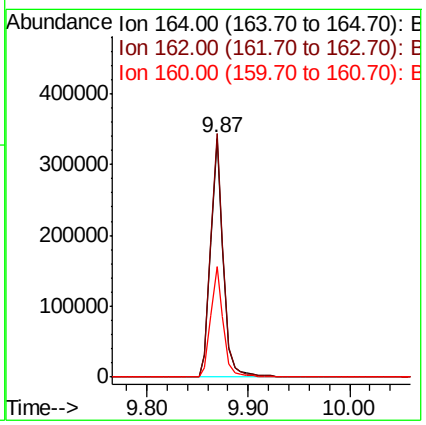


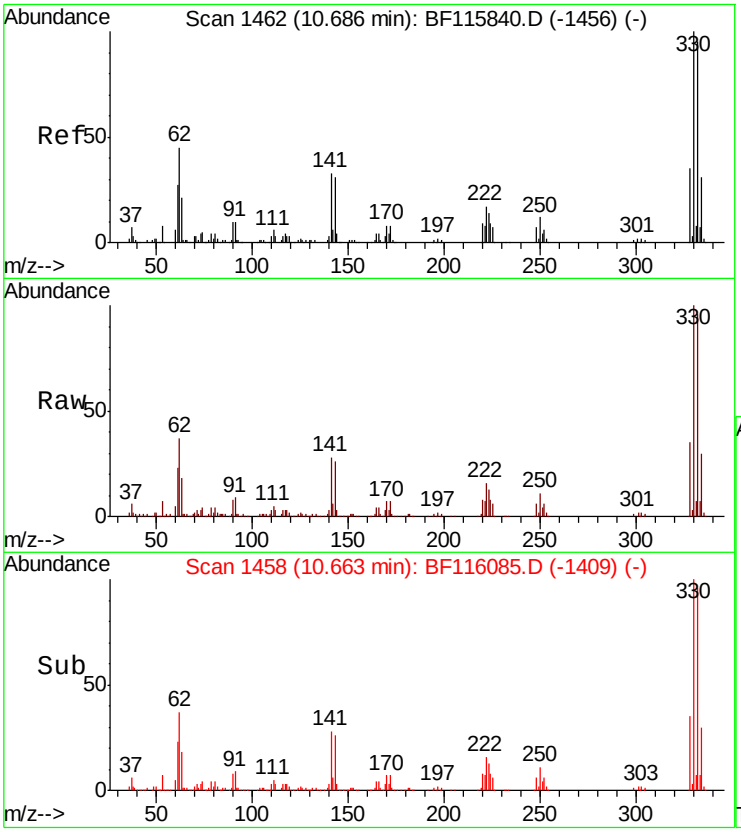


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Tgt Ion:164 Resp: 292187

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	124.0
160	46.4	37.6	56.4



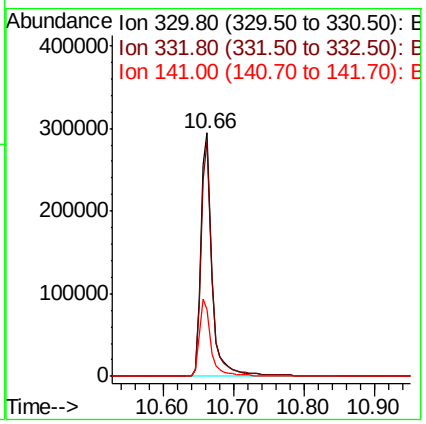


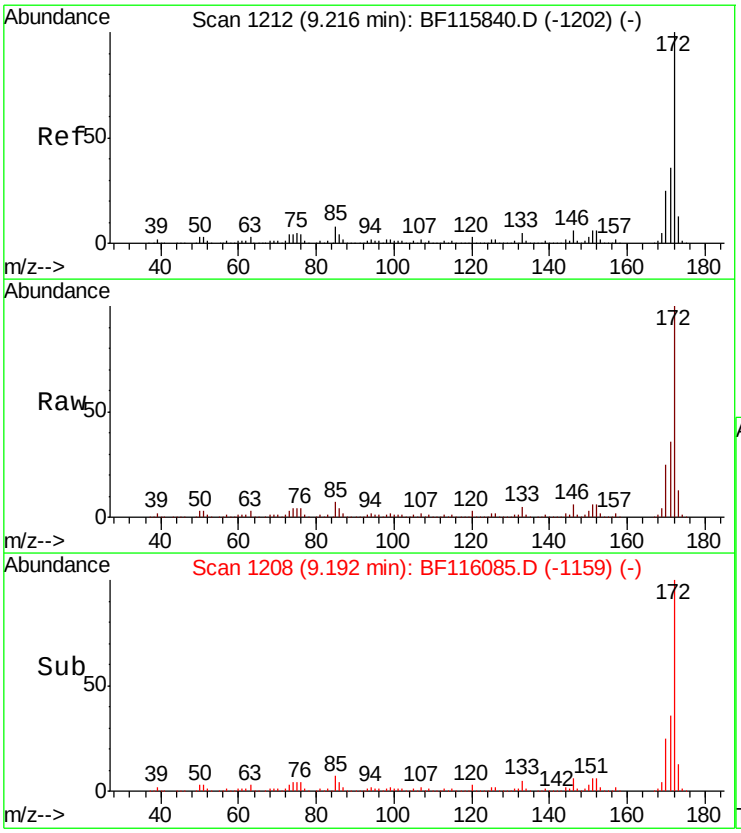
#42
2,4,6-Tribromophenol
Concen: 115.413 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 326946

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.8	115.2
141	33.8	26.3	39.5

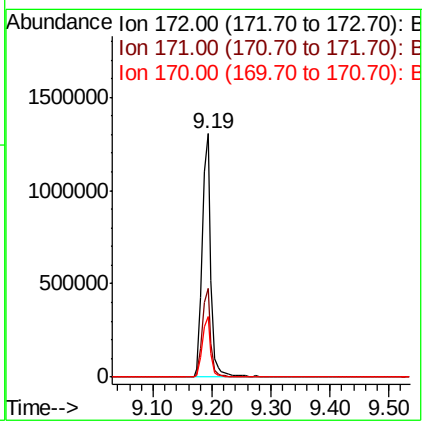


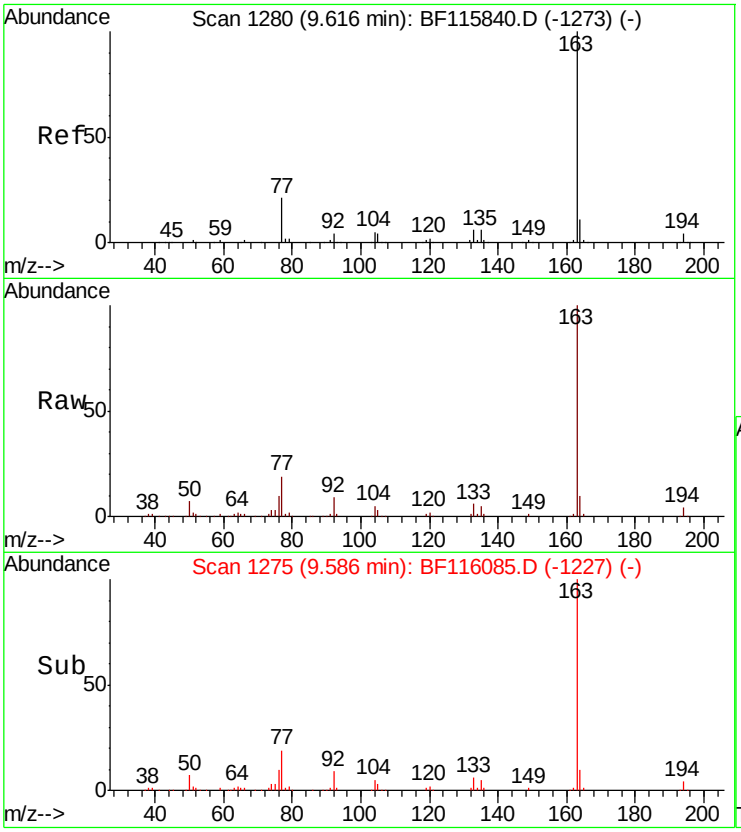


#45
2-Fluorobiphenyl
Concen: 84.131 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Tgt Ion:172 Resp: 1312381

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	25.1	20.1	30.1



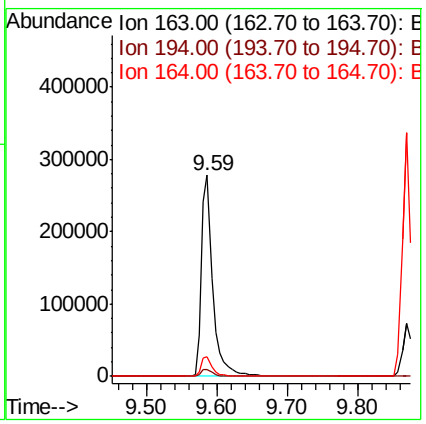


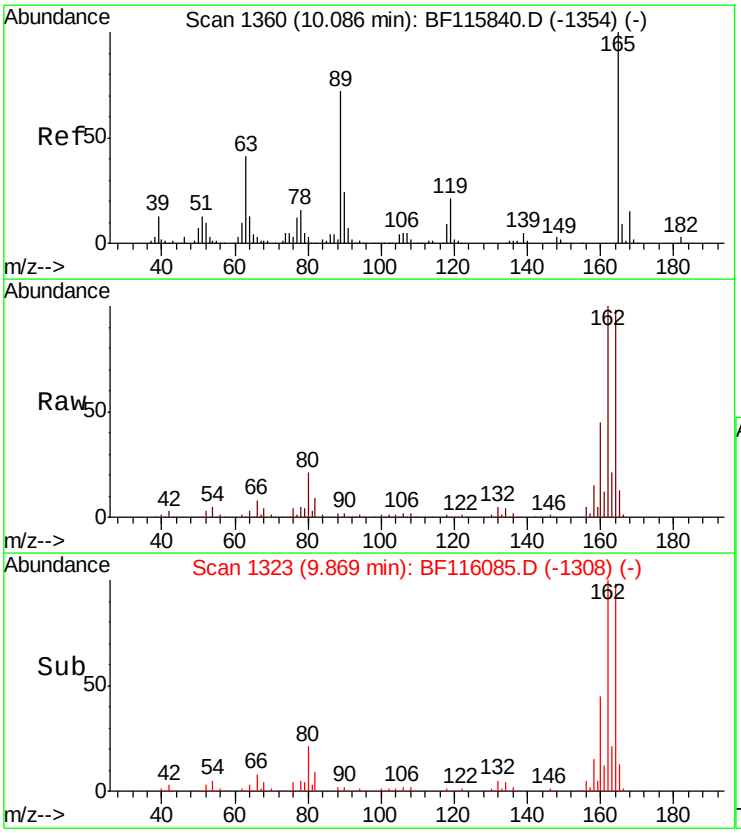
#50
Dimethylphthalate
Concen: 15.652 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 311400

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	9.7	8.4	12.6

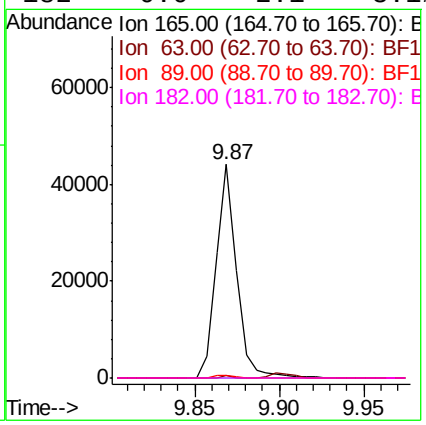


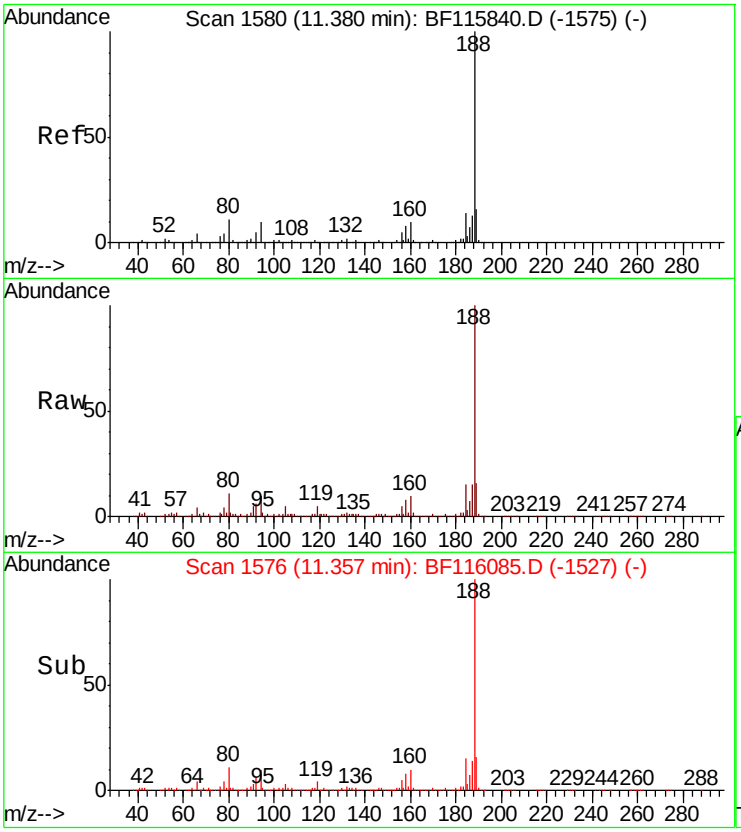


#57
2,4-Dinitrotoluene
Concen: 6.522 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Tgt Ion:165 Resp: 37544

Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#



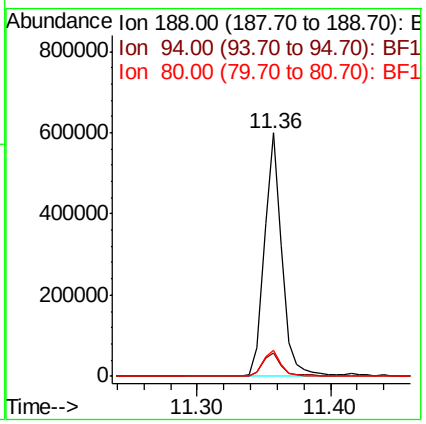


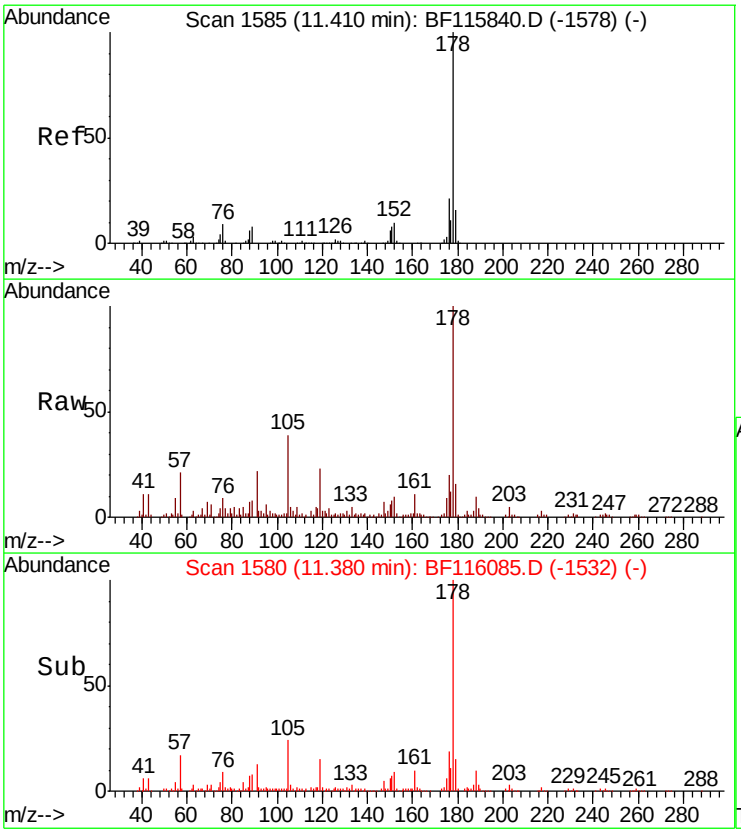
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 539213

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.9	8.7	13.1

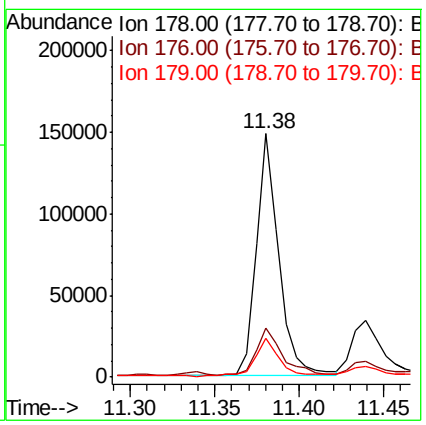


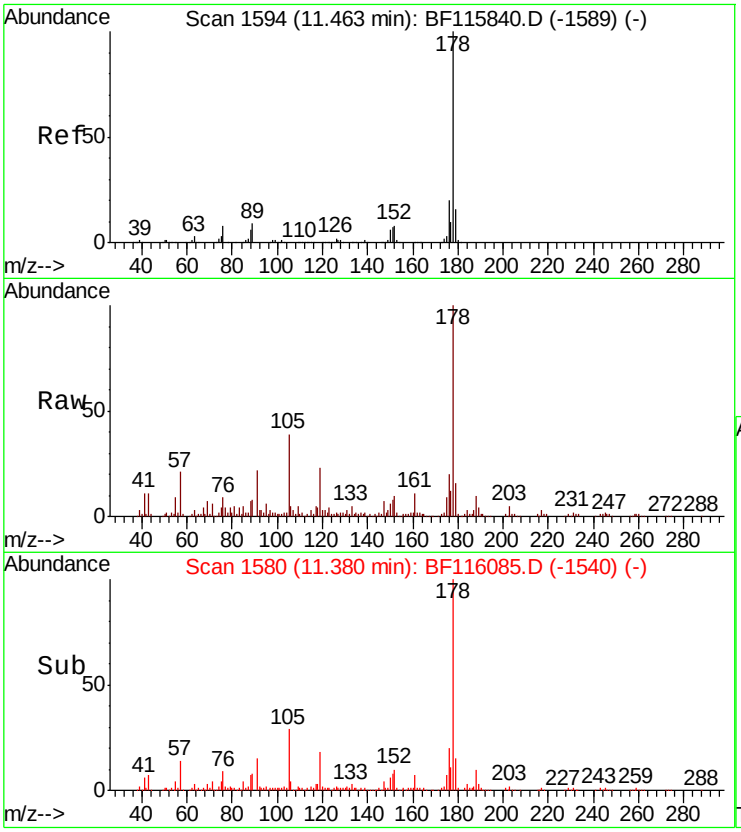


#71
Phenanthrene
Concen: 5.044 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Tgt Ion:178 Resp: 139041

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	24.8
179	15.7	12.5	18.7



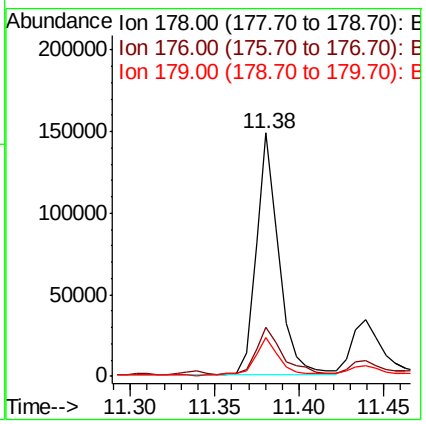


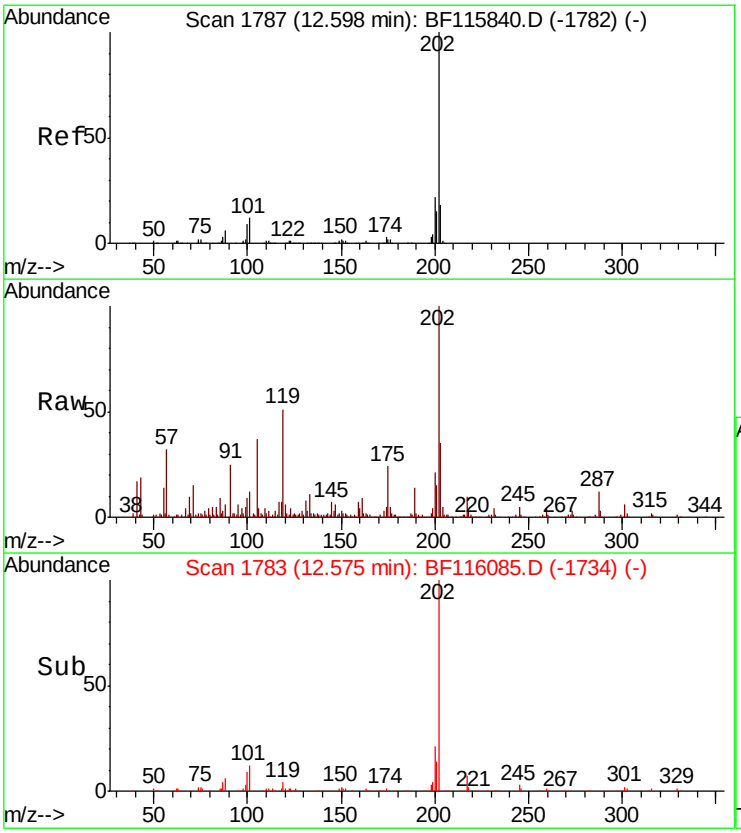
#72
Anthracene
Concen: 4.984 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.06 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 139041

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	15.7	13.0	19.6

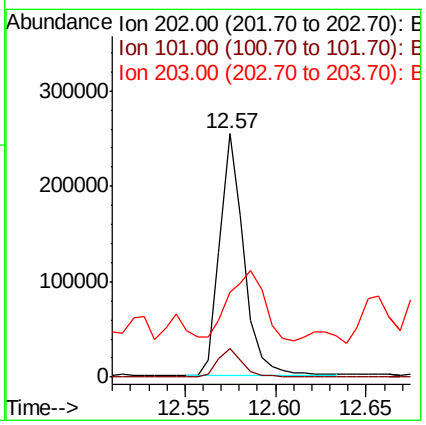


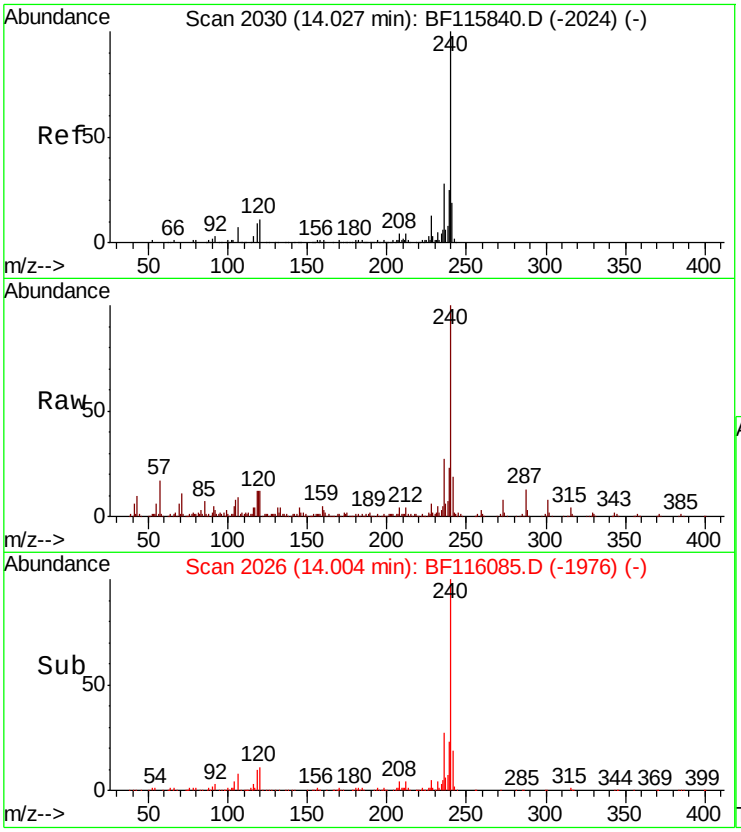


#75
Fluoranthene
Concen: 8.202 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Tgt Ion:202 Resp: 236712

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.2
203	34.6	0.0	37.8



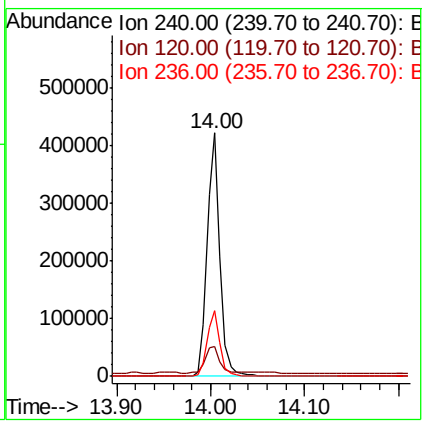


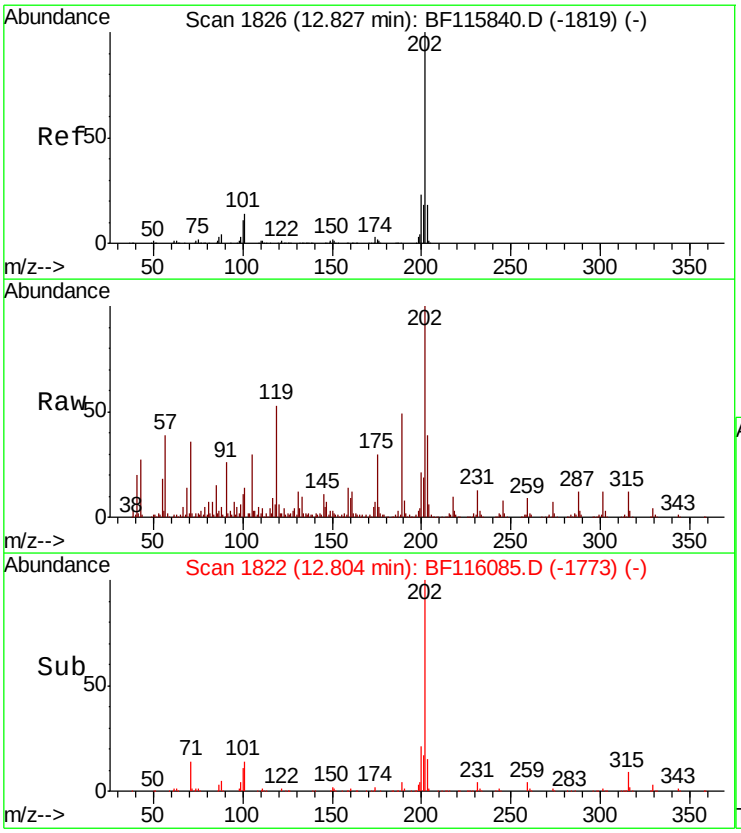
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 403238

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.7	16.1
236	27.2	22.2	33.2

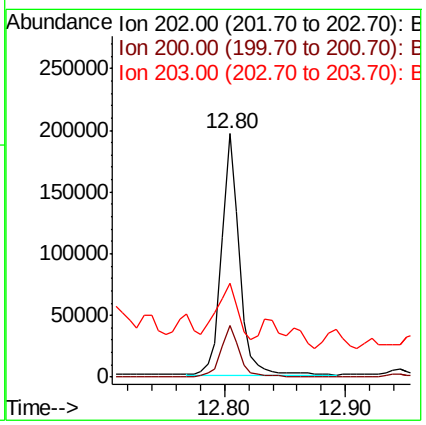


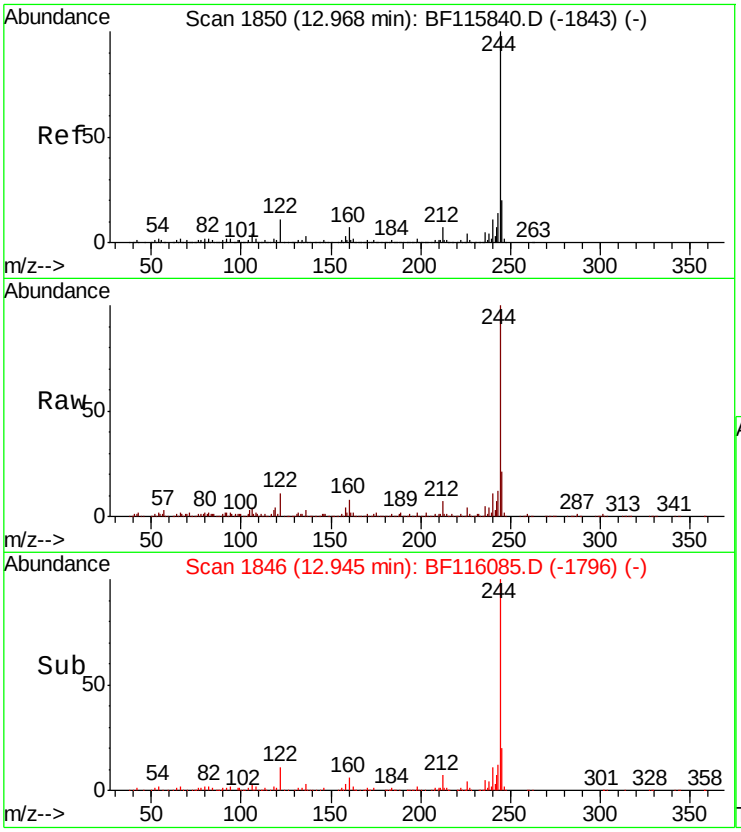


#78
Pyrene
Concen: 6.493 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Tgt Ion:202 Resp: 197372

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.0	27.0
203	38.6	14.1	21.1#



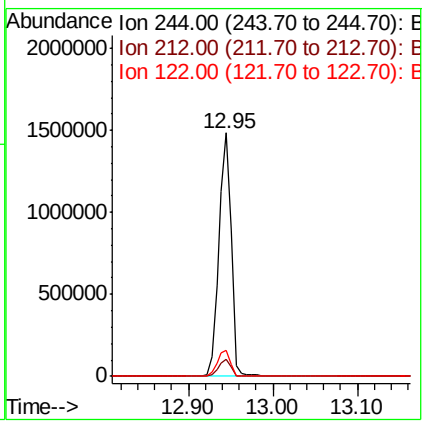


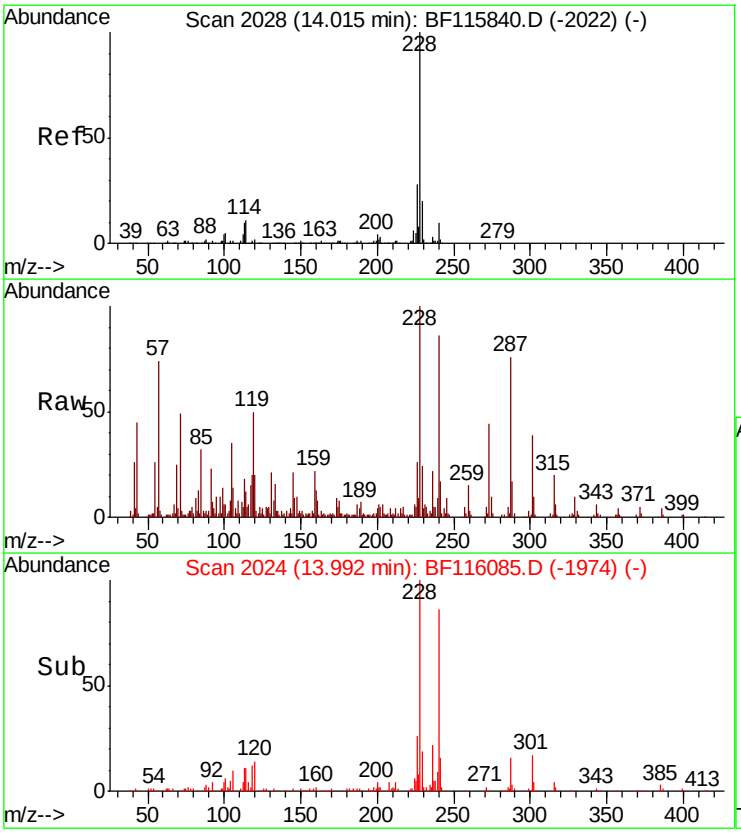
#79
Terphenyl-d14
Concen: 79.475 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1520876

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.7	9.0	13.4

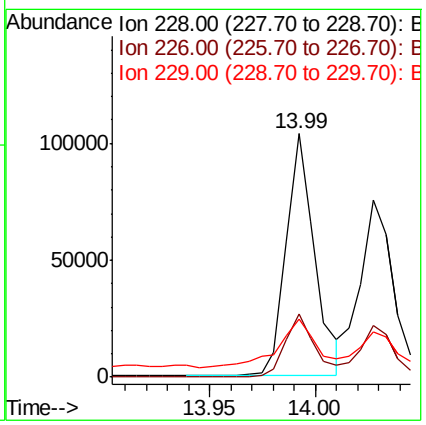


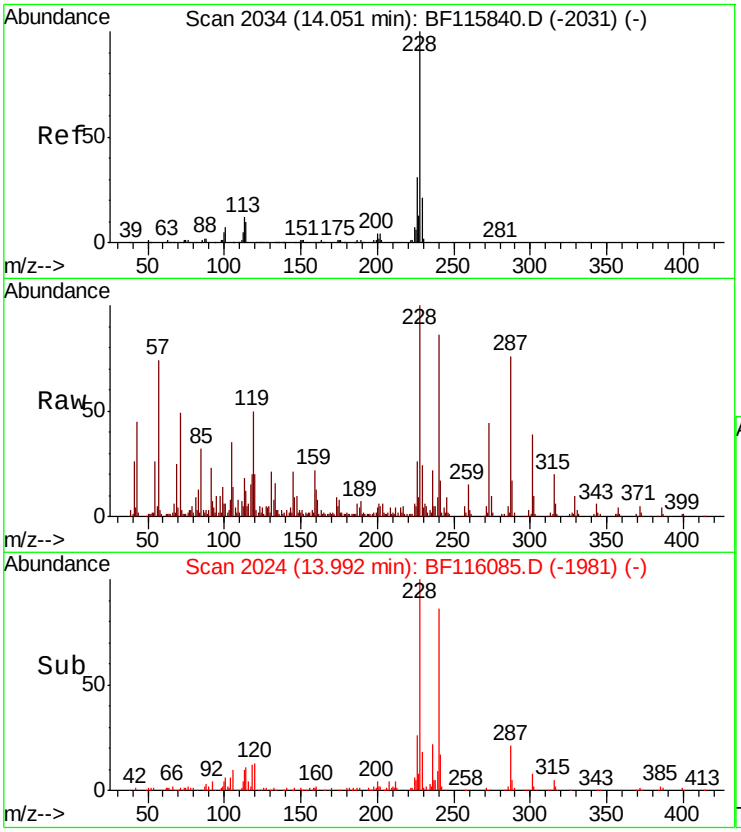


#81
Benzo(a)anthracene
Concen: 3.828 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Tgt Ion:228 Resp: 98661

Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.7	34.1
229	23.9	16.2	24.4



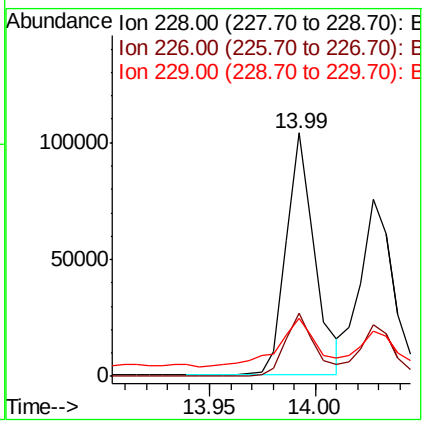


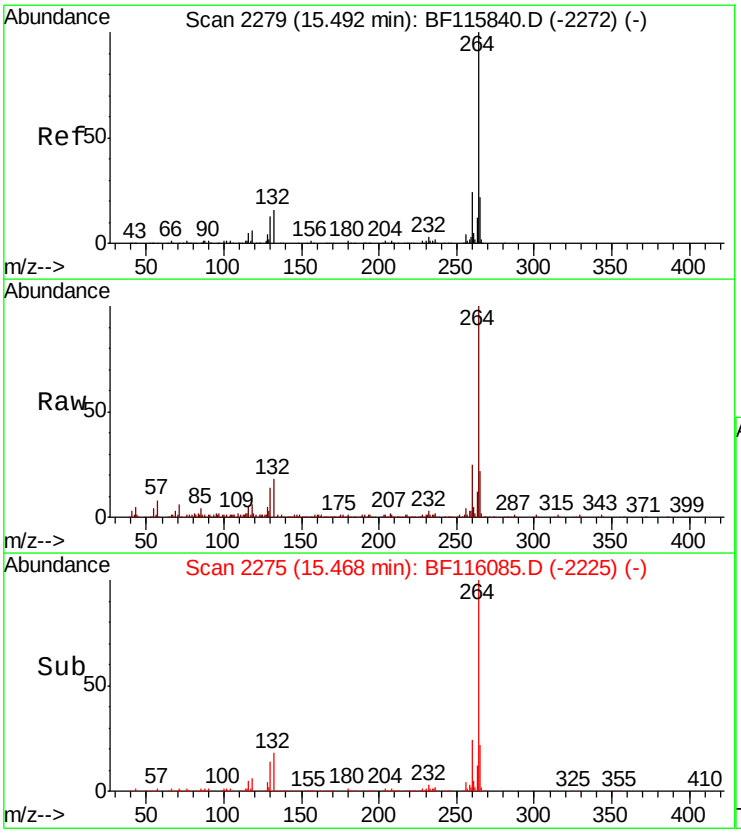
#83
Chrysene
Concen: 3.943 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.05 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 98661

Ion	Ratio	Lower	Upper
228	100		
226	26.1	25.5	38.3
229	23.9	16.6	24.8

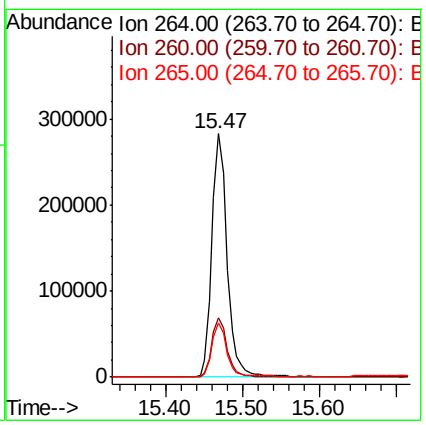


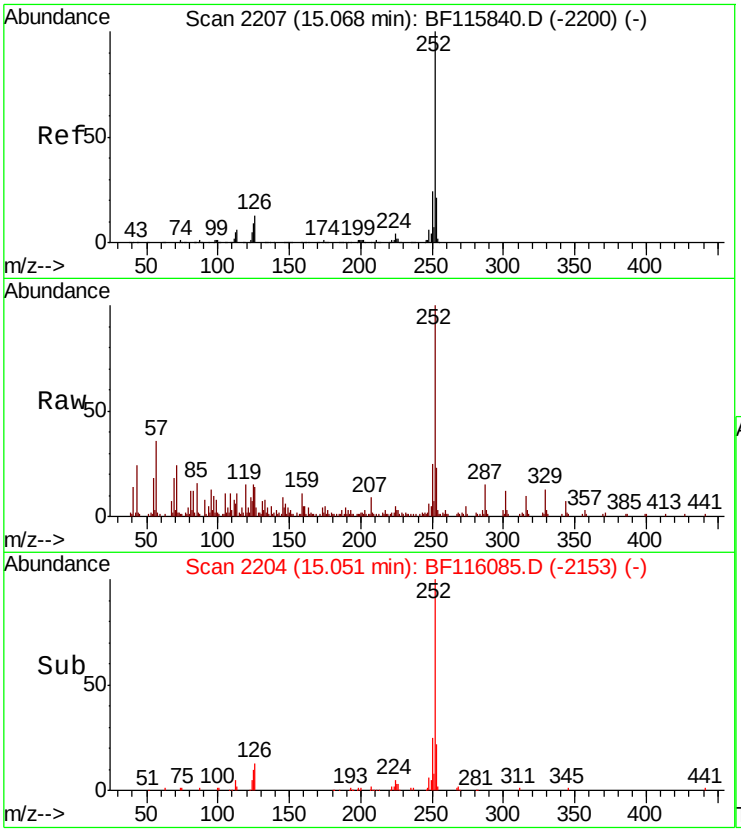


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Tgt Ion:264 Resp: 385401

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.0	17.4	26.0



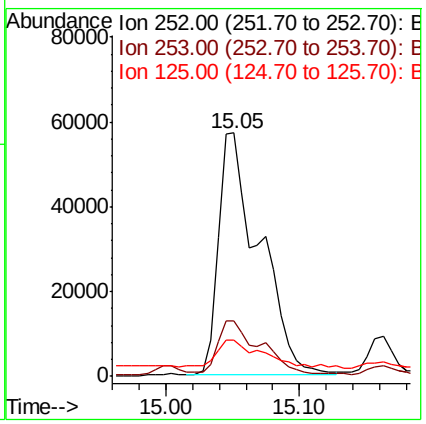


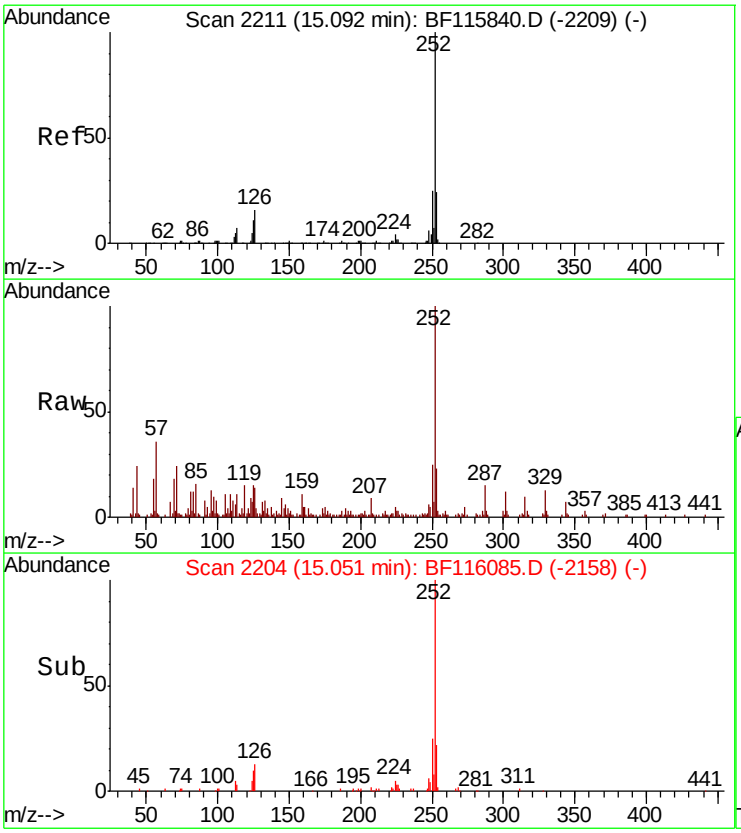
#88
Benzo(b)fluoranthene
Concen: 5.470 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 121889

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	14.9	8.4	12.6#

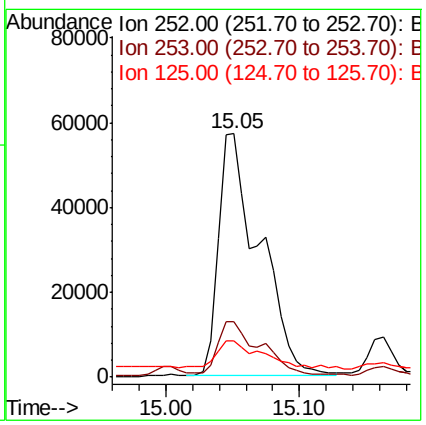


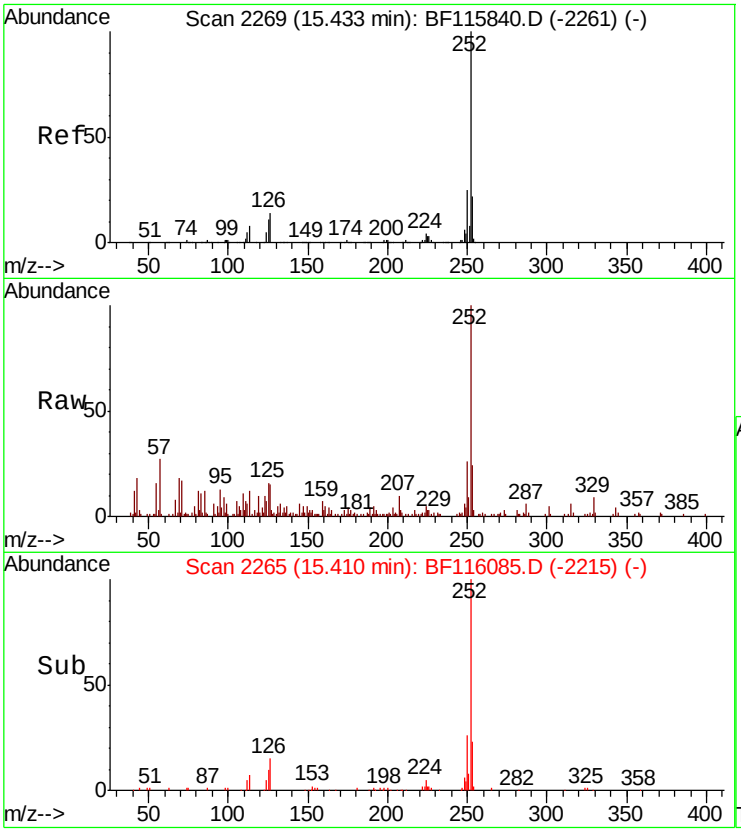


#89
Benzo(k)fluoranthene
Concen: 5.616 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Tgt Ion:252 Resp: 121889

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	14.9	7.7	11.5#





#90
Benzo(a)pyrene
Concen: 3.078 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116085.D
Acq: 8 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 61324

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	15.6	8.9	13.3#