Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116091.D
Acq On : 9 Aug 2019 2:04
Operator : HP/JU
Sample : K4154-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 09 09:16:38 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	6.84	152	141529	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	590986	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	313781	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	509740	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	335244	20.00	ng		-0.01
87) Perylene-d12	15.46	264	364989	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	416437	49.26	ng		-0.01
7) Phenol-d6	6.47	99	575402	53.94	ng		-0.02
23) Nitrobenzene-d5	7.40	82	351432	34.33	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	136536	44.88	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	552229	32.96	ng		-0.02
79) Terphenyl-d14	12.93	244	477202	29.99	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	45475	6.880	ng	#	80
25) Isophorone	7.40	82	351430	17.951	ng	#	65
50) Dimethylphthalate	9.59	163	155790	7.292	ng		98
57) 2,4-Dinitrotoluene	9.87	165	40674	6.580	ng	#	20
71) Phenanthrene	11.38	178	88456	3.394	ng		97
75) Fluoranthene	12.57	202	136528	5.004	ng		98
78) Pyrene	12.80	202	106694	4.222	ng		98
81) Benzo(a)anthracene	13.99	228	49349	2.303	ng		98
83) Chrysene	14.02	228	52248	2.512	ng		98
88) Benzo(b)fluoranthene	15.04	252	83719	3.967	ng	#	90
89) Benzo(k)fluoranthene	15.04	252	83719	4.073	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116091.D
Acq On : 9 Aug 2019 2:04
Operator : HP/JU
Sample : K4154-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
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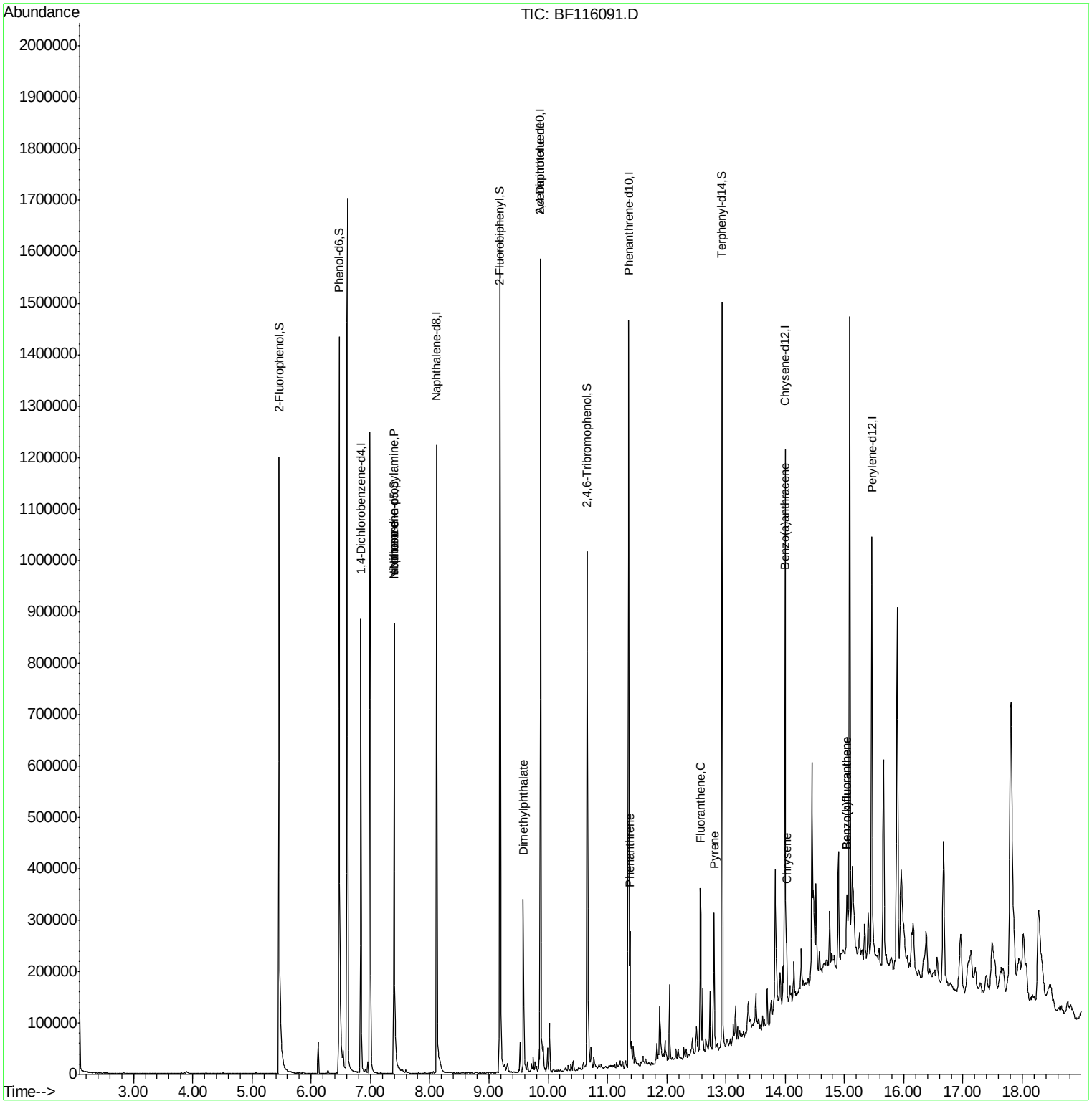
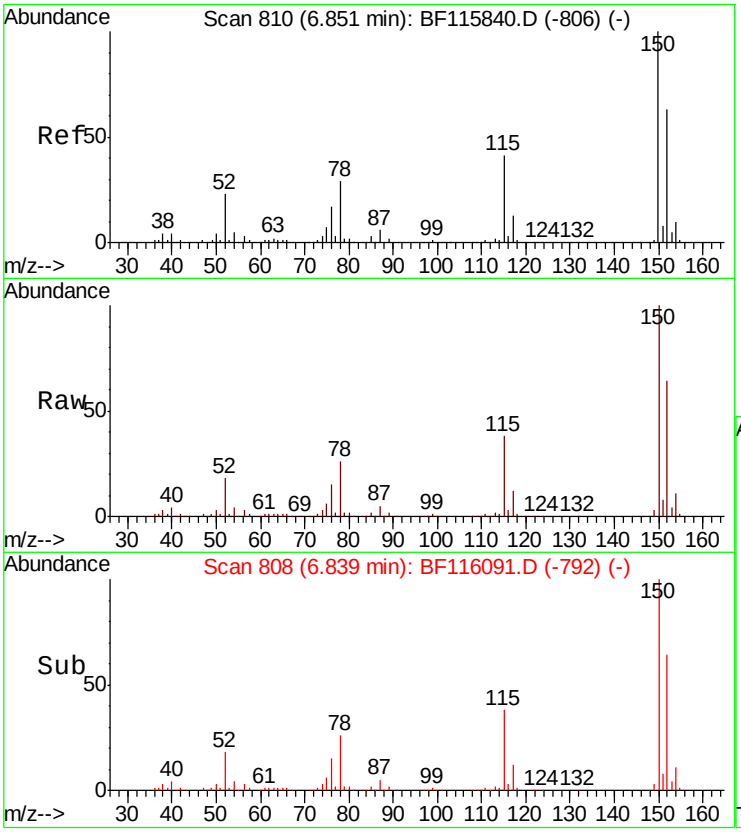
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration



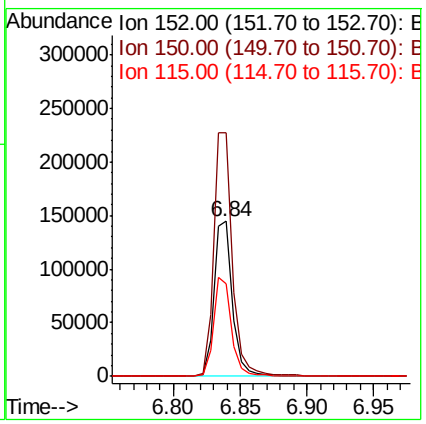


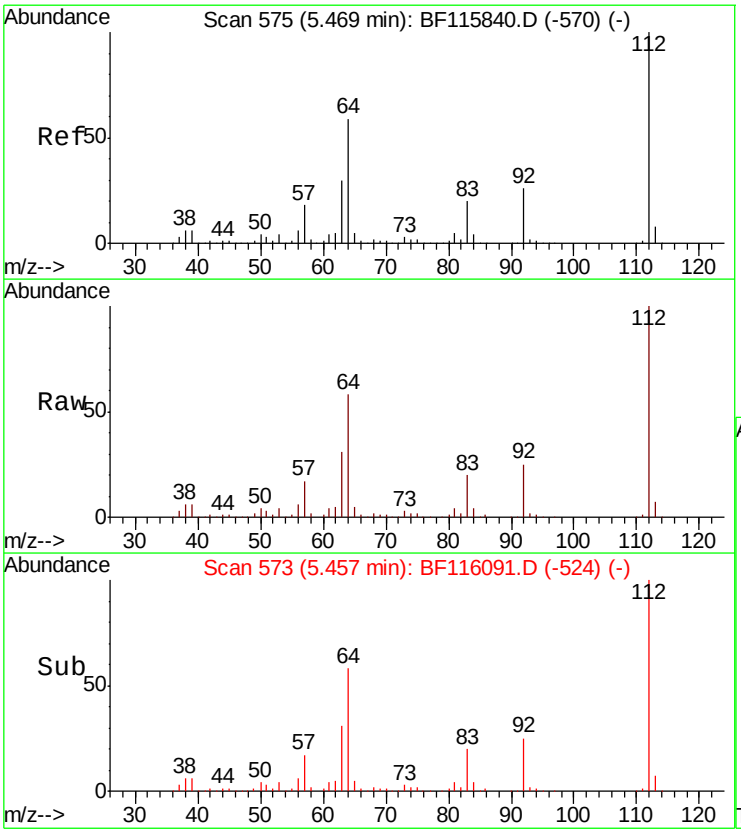
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 141529

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	59.9	49.9	74.9

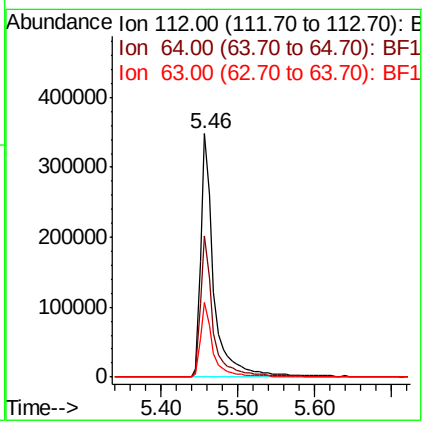


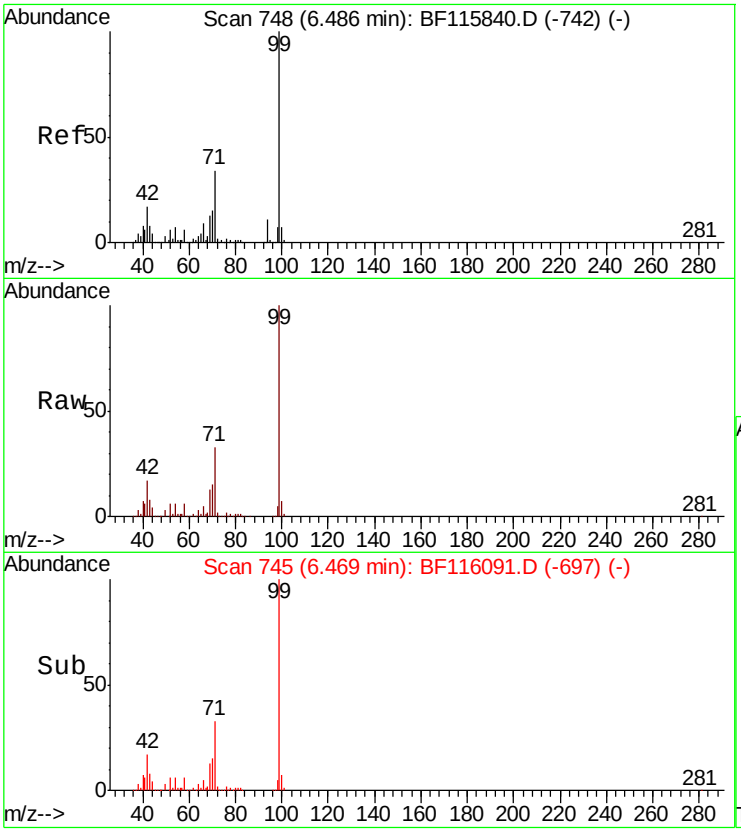


#5
2-Fluorophenol
Concen: 49.258 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion:112 Resp: 416437

Ion	Ratio	Lower	Upper
112	100		
64	58.0	45.4	68.2
63	30.8	23.7	35.5



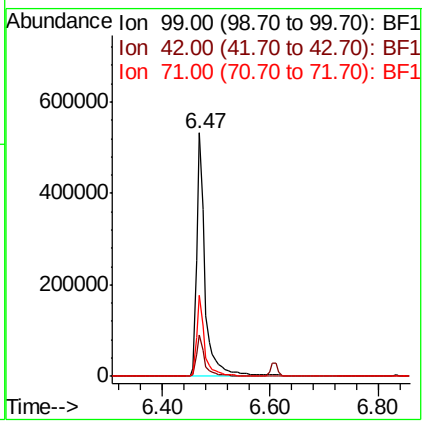


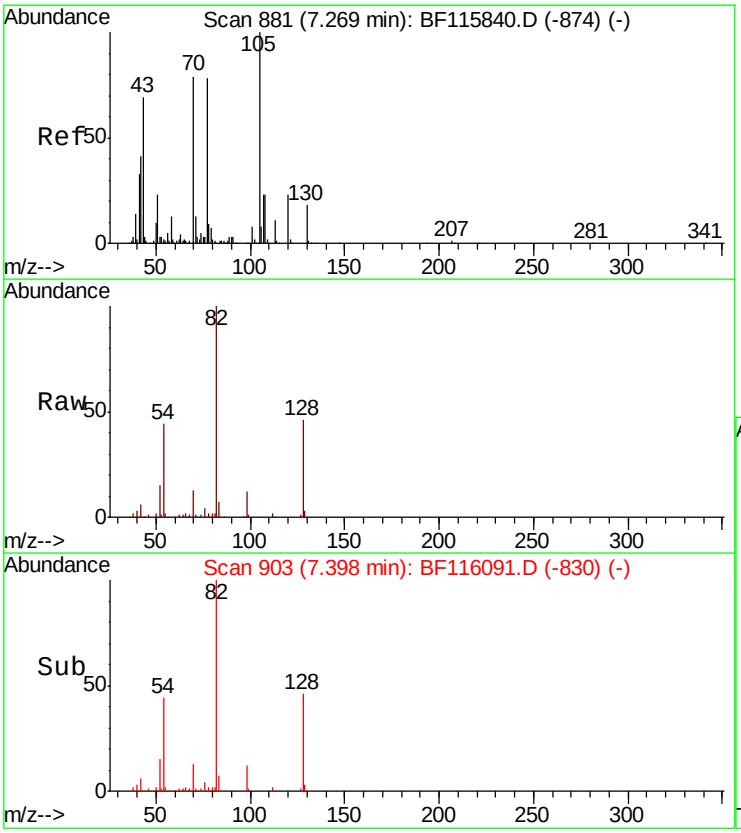
#7
Phenol-d6
Concen: 53.945 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 575402

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.8
71	33.1	27.3	40.9

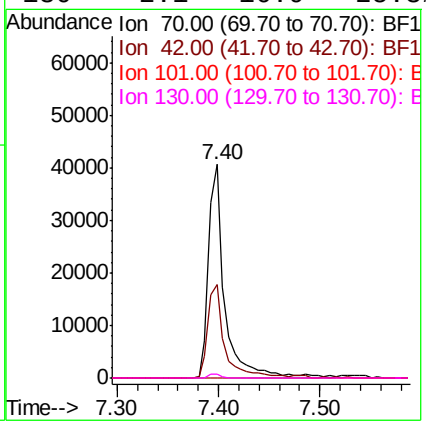


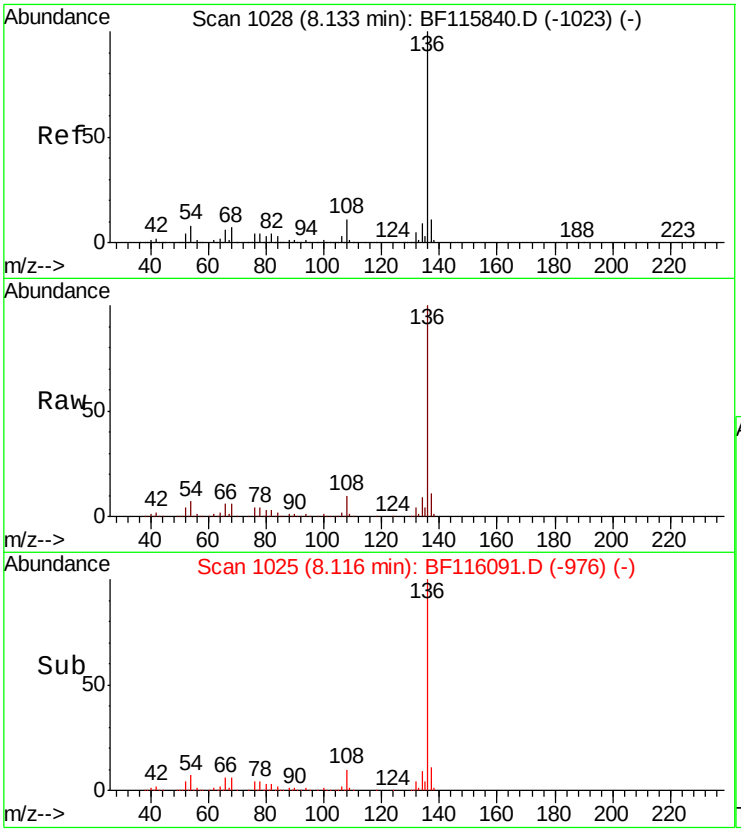


#19
n-Nitroso-di-n-propylamine
Concen: 6.880 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion: 70 Resp: 45475

Ion	Ratio	Lower	Upper
70	100		
42	43.5	40.9	61.3
101	0.0	7.9	11.9#
130	2.1	16.9	25.3#



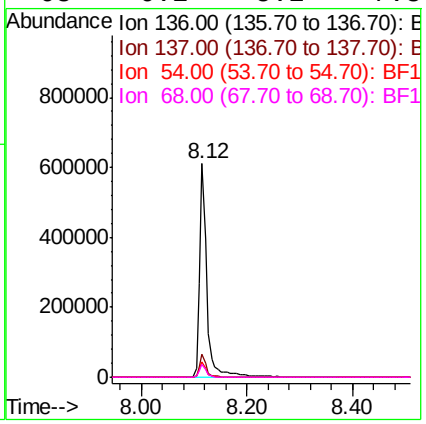


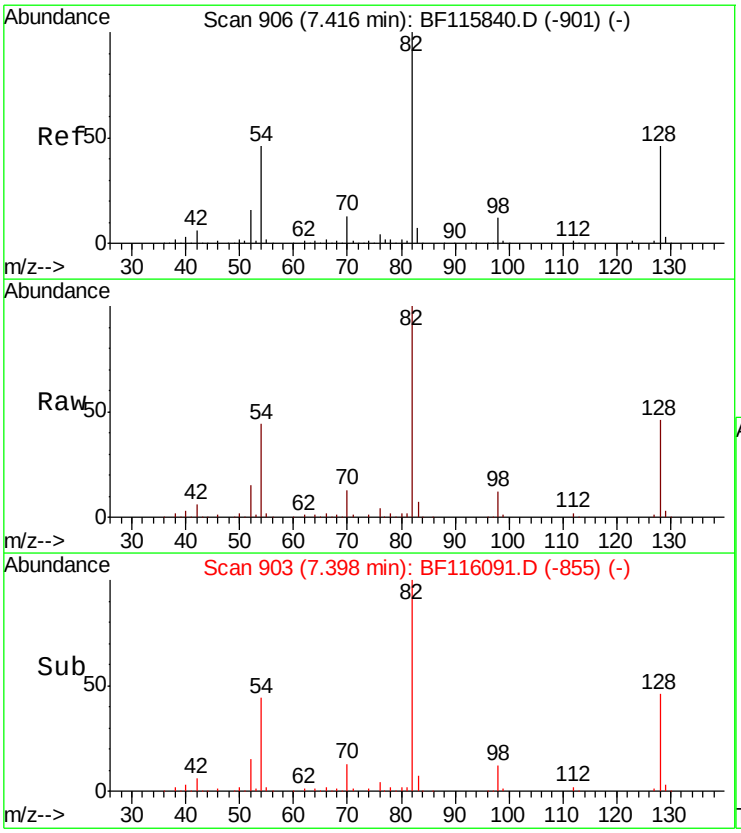
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 590986

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.0	5.8	8.6
68	6.2	5.2	7.8

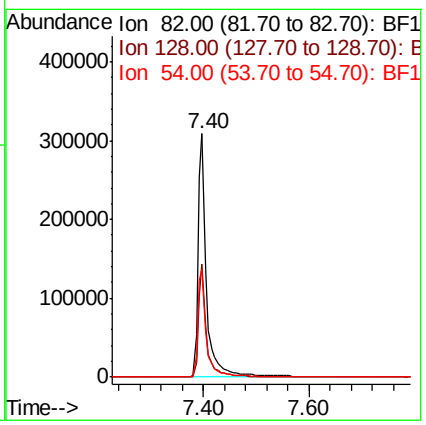


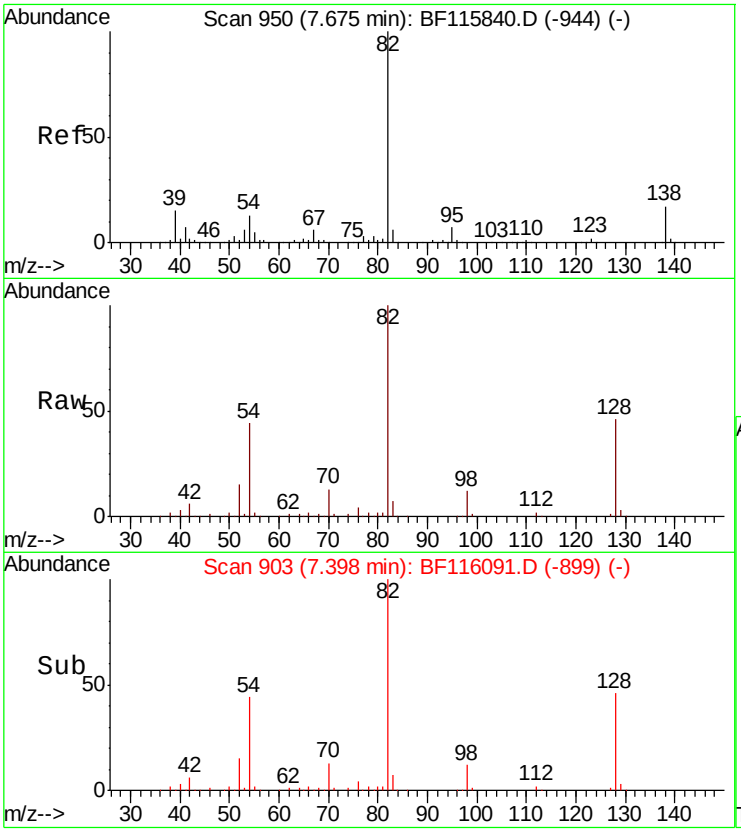


#23
Nitrobenzene-d5
Concen: 34.325 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion: 82 Resp: 351432

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.5	54.7
54	44.4	36.0	54.0



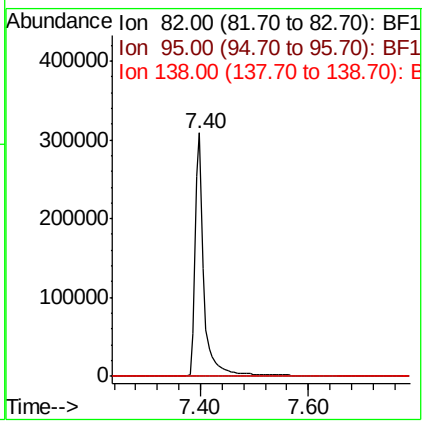


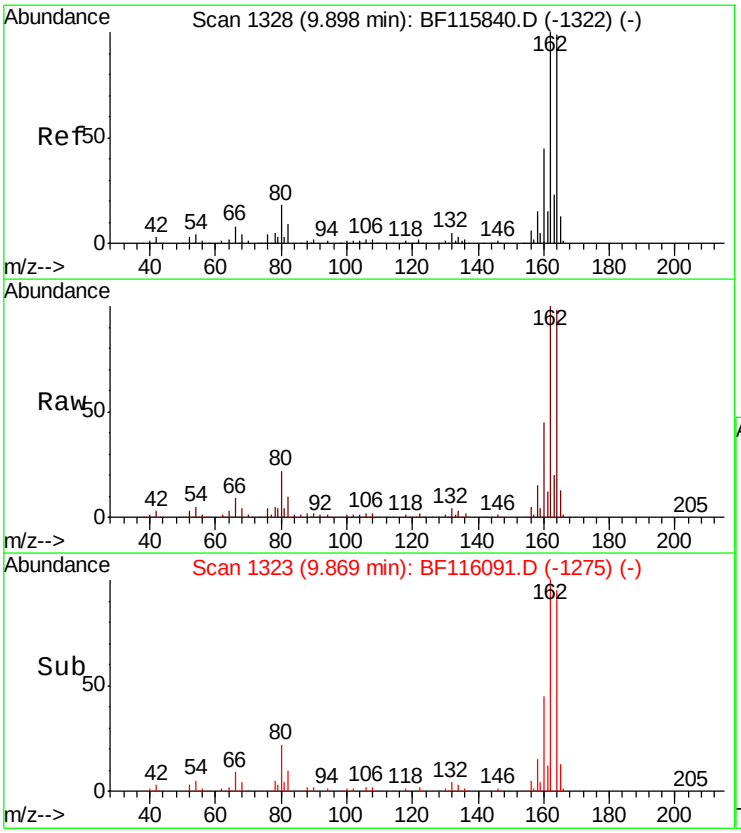
#25
Isophorone
Concen: 17.951 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 351430

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

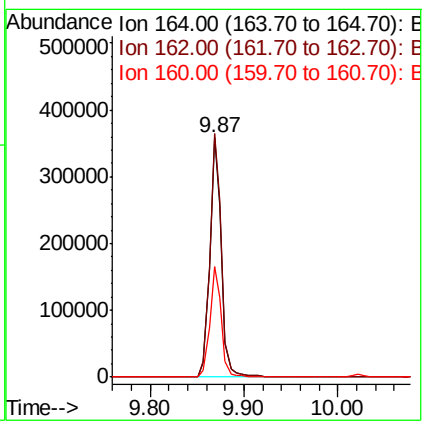


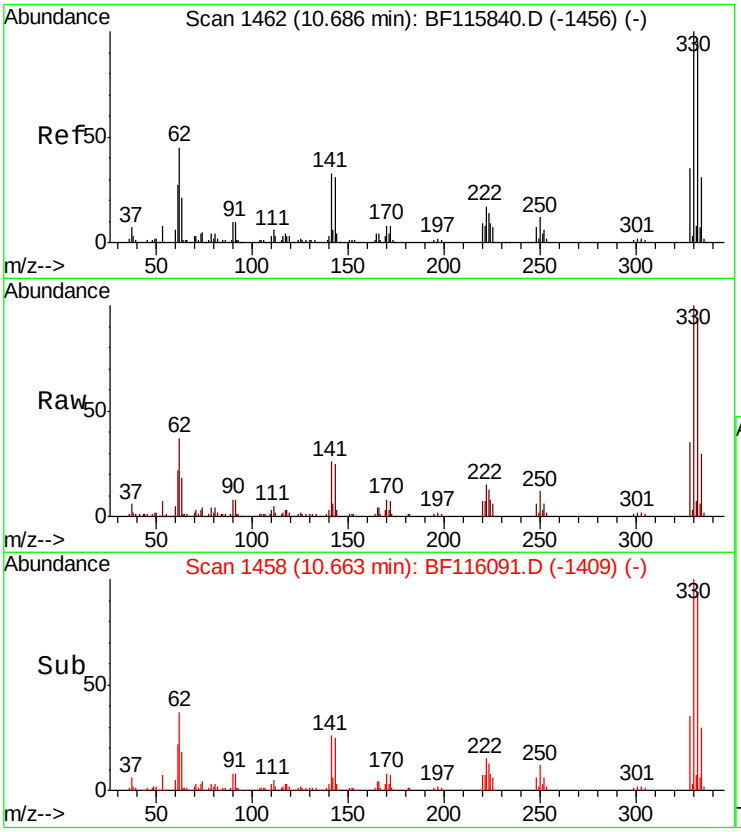


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion:164 Resp: 313781

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	124.0
160	46.0	37.6	56.4



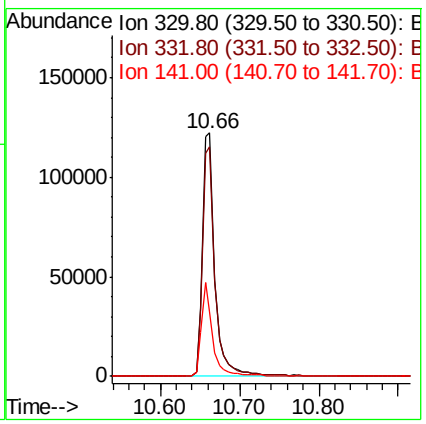


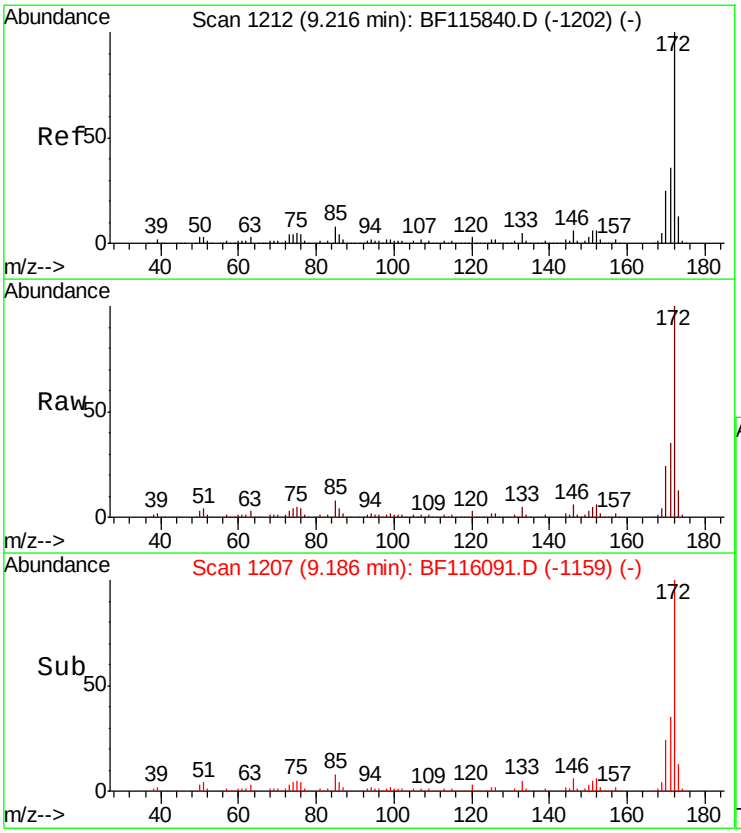
#42
2,4,6-Tribromophenol
Concen: 44.881 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 136536

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.8	115.2
141	34.5	26.3	39.5

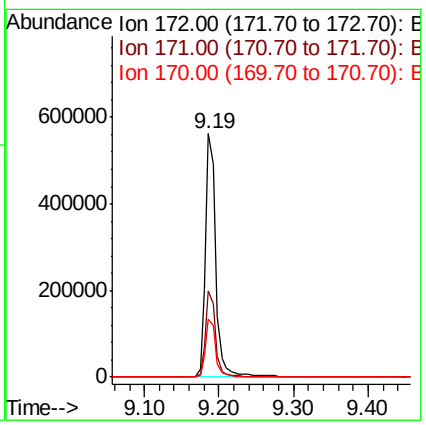


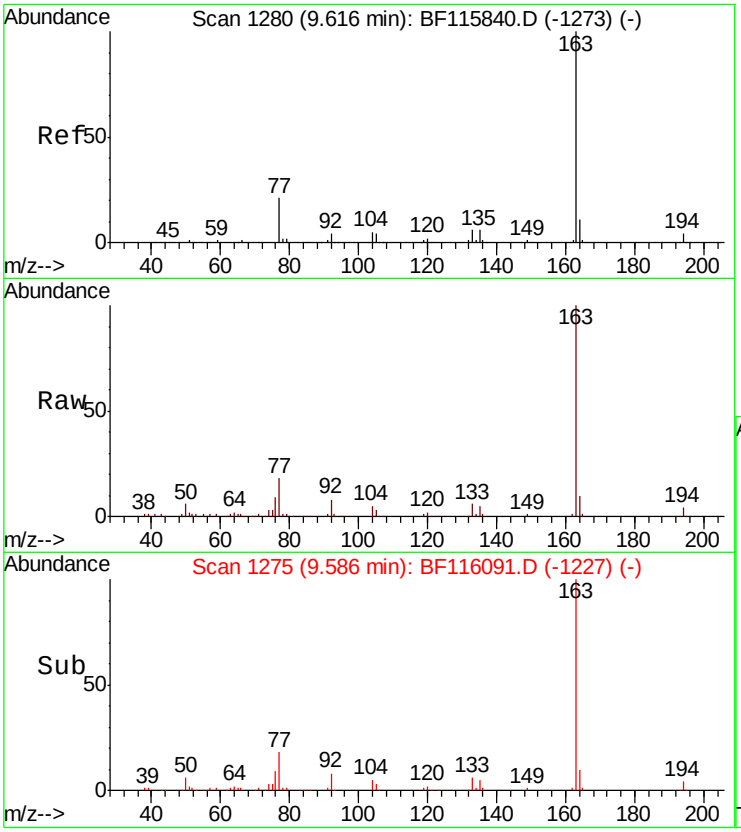


#45
2-Fluorobiphenyl
Concen: 32.965 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion:172 Resp: 552229

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	24.0	20.1	30.1

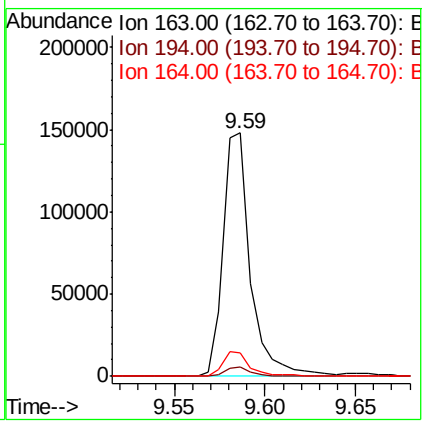




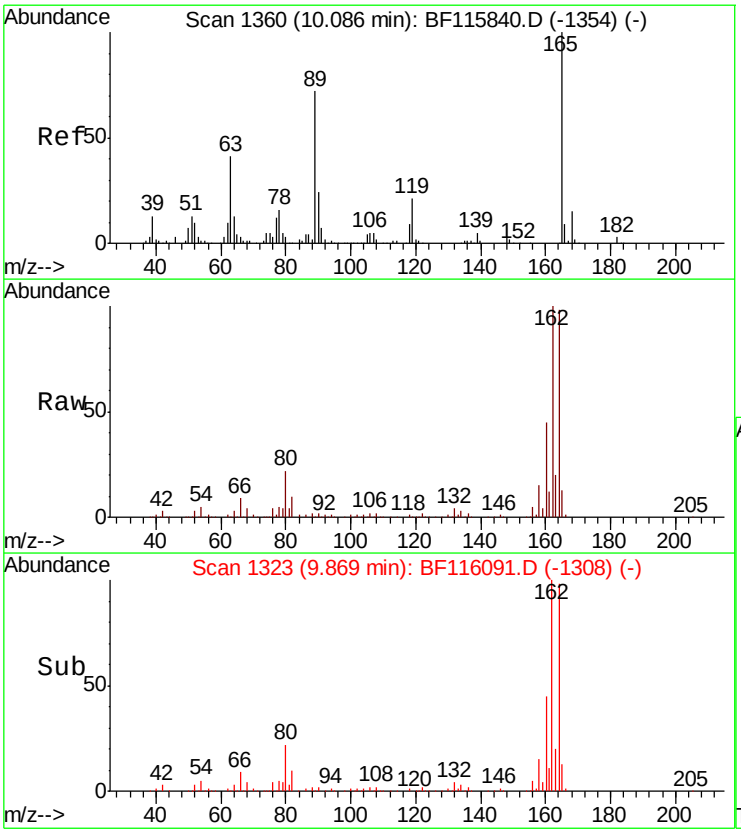
#50
Dimethylphthalate
Concen: 7.292 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion:163 Resp: 155790

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.8	8.4	12.6



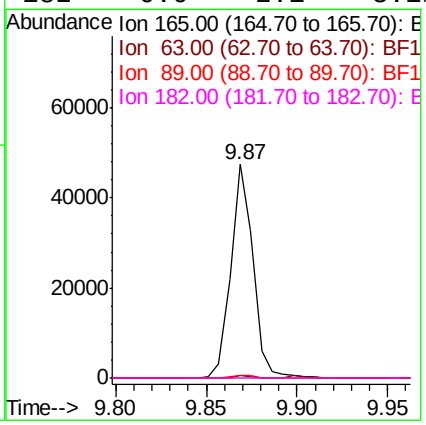
Instrument :
BNA_F
ClientSampleId :

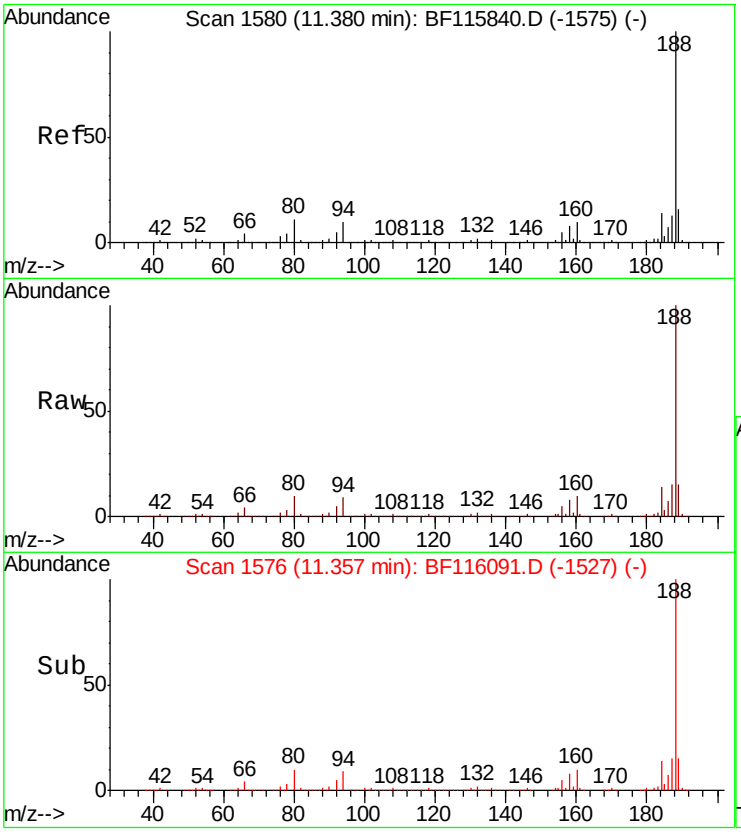


#57
2,4-Dinitrotoluene
Concen: 6.580 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion:165 Resp: 40674

Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.6	59.4#
89	1.4	62.2	93.2#
182	0.0	2.1	3.1#



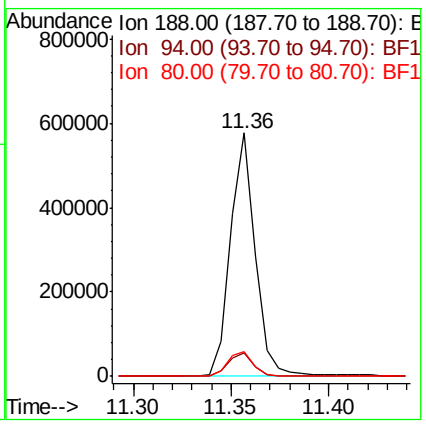


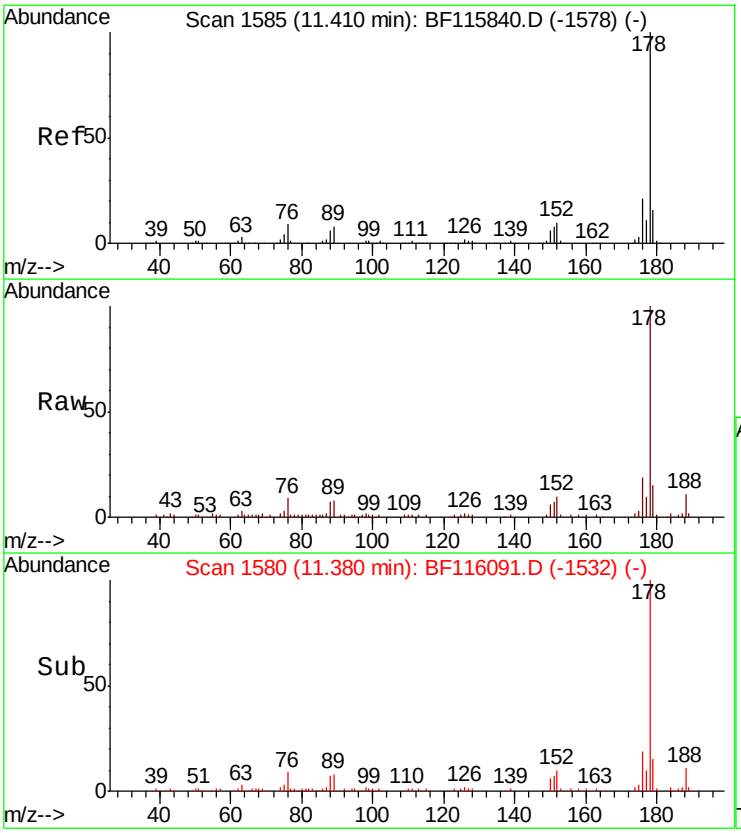
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 509740

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.1	12.1
80	10.3	8.7	13.1

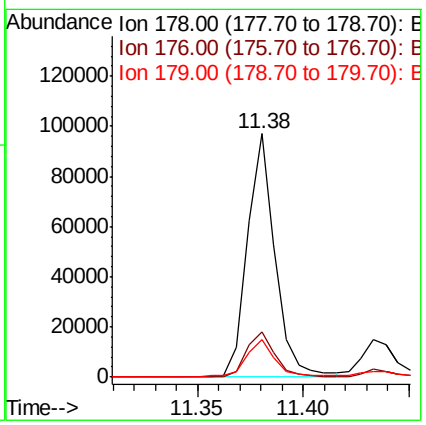


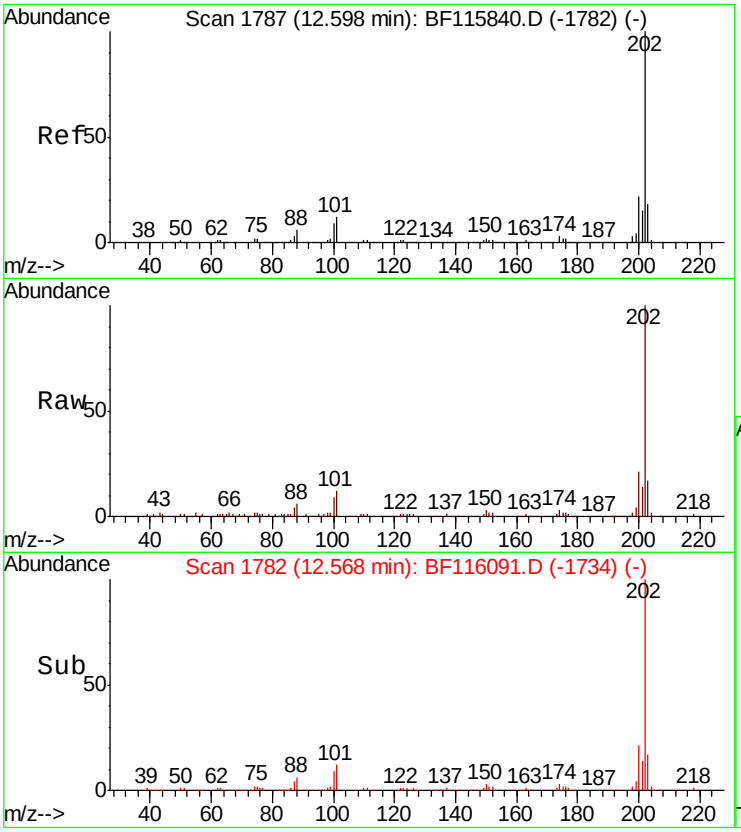


#71
Phenanthrene
Concen: 3.394 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion:178 Resp: 88456

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.6	24.8
179	15.2	12.5	18.7



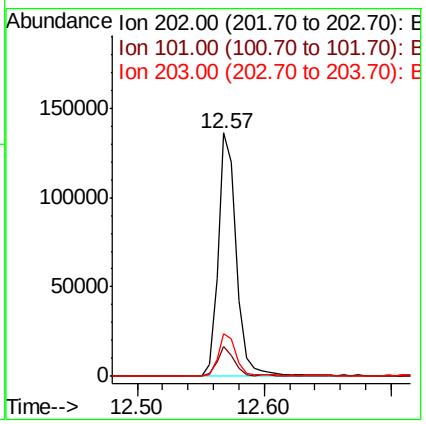


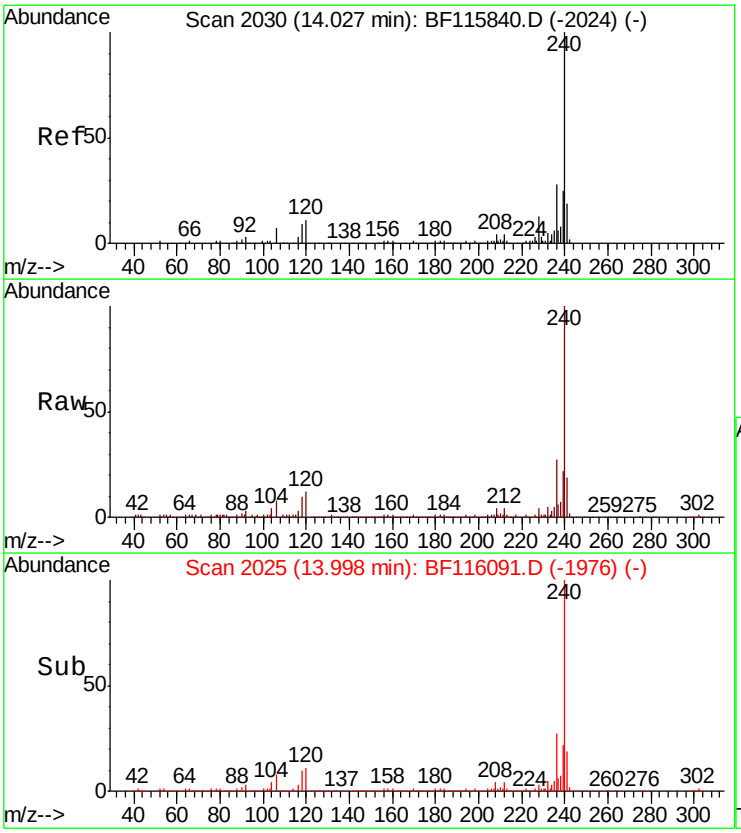
#75
Fluoranthene
Concen: 5.004 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 136528

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.2
203	17.4	0.0	37.8

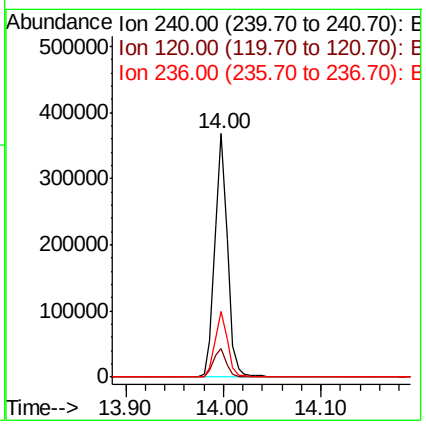


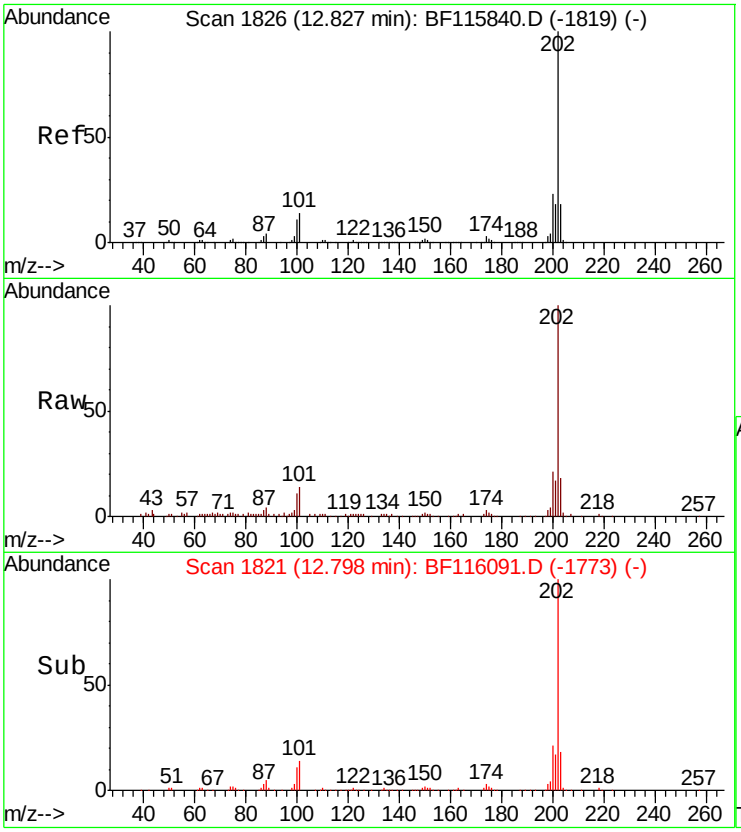


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion:240 Resp: 335244

Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.7	16.1
236	27.0	22.2	33.2



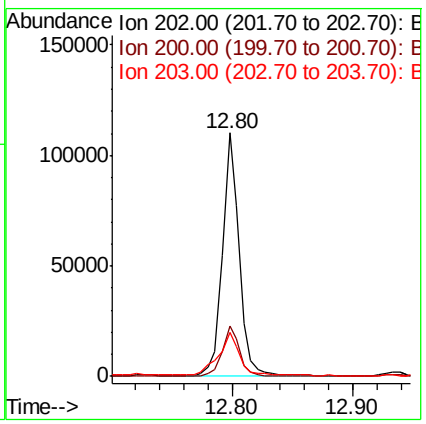


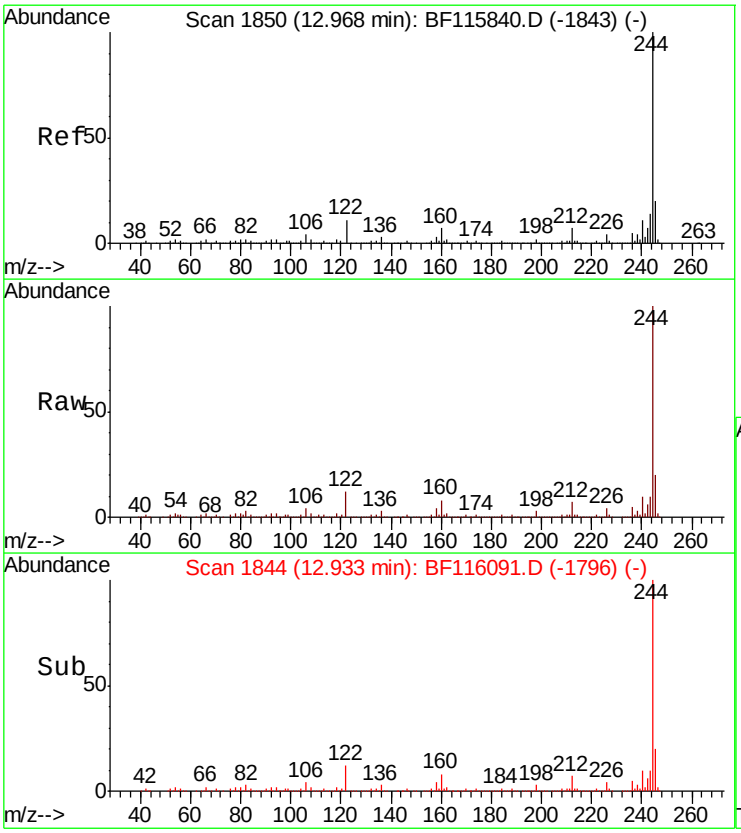
#78
Pyrene
Concen: 4.222 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 106694

Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.0	27.0
203	17.9	14.1	21.1

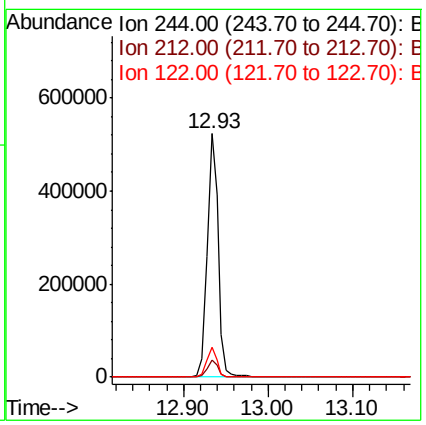


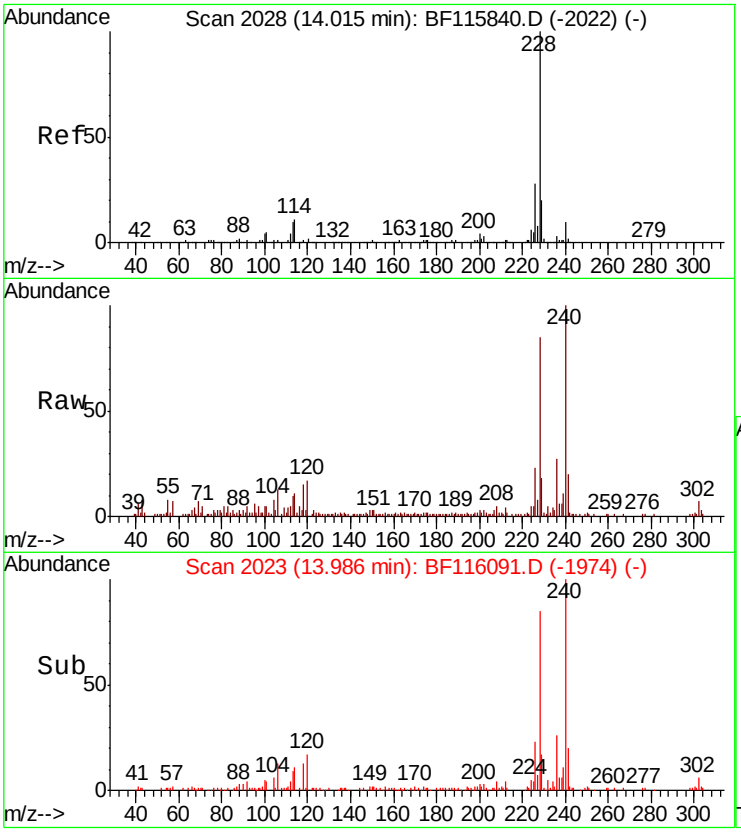


#79
Terphenyl-d14
Concen: 29.994 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion:244 Resp: 477202

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.2	9.0	13.4



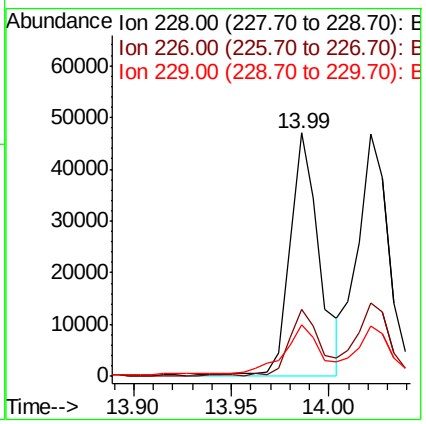


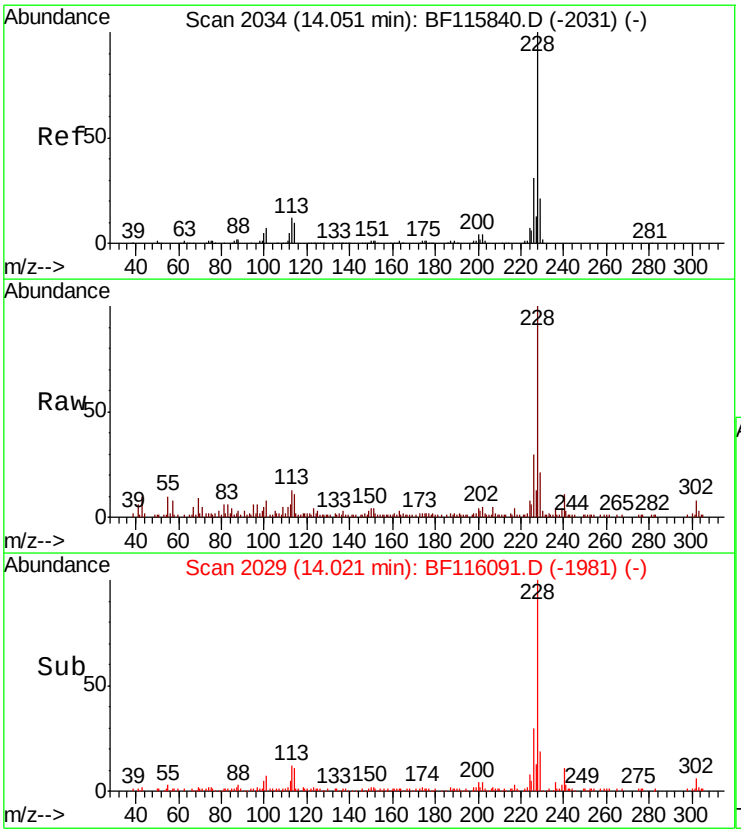
#81
Benzo(a)anthracene
Concen: 2.303 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 49349

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.7	34.1
229	21.2	16.2	24.4

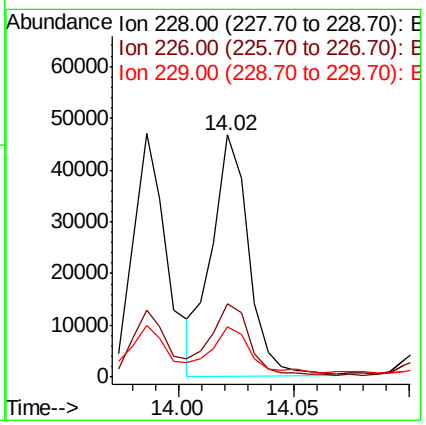


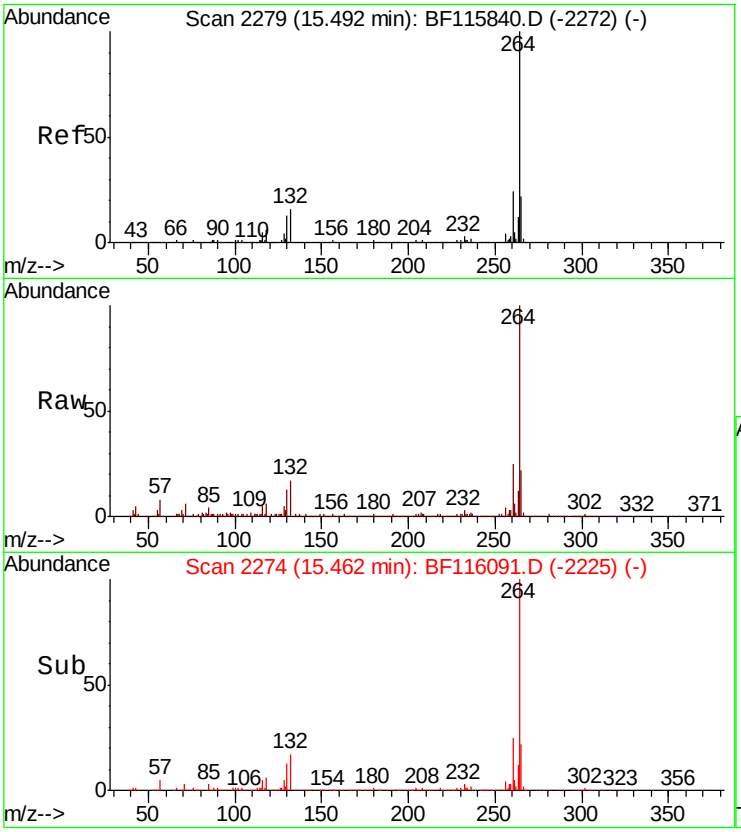


#83
Chrysene
Concen: 2.512 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion:228 Resp: 52248

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.5	38.3
229	20.9	16.6	24.8



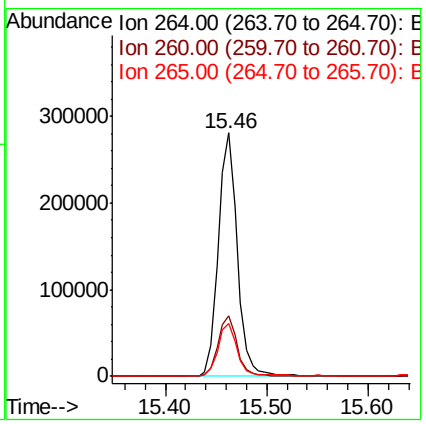


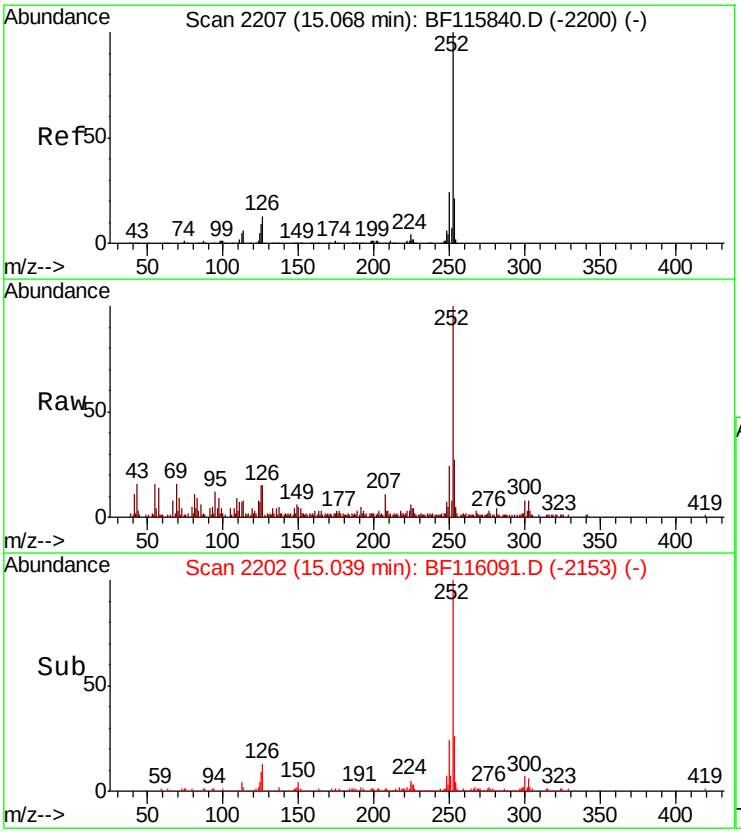
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 364989

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	21.8	17.4	26.0

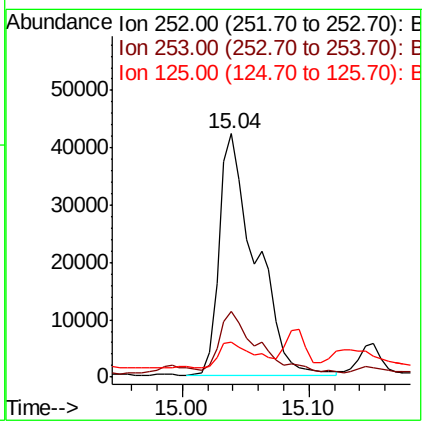


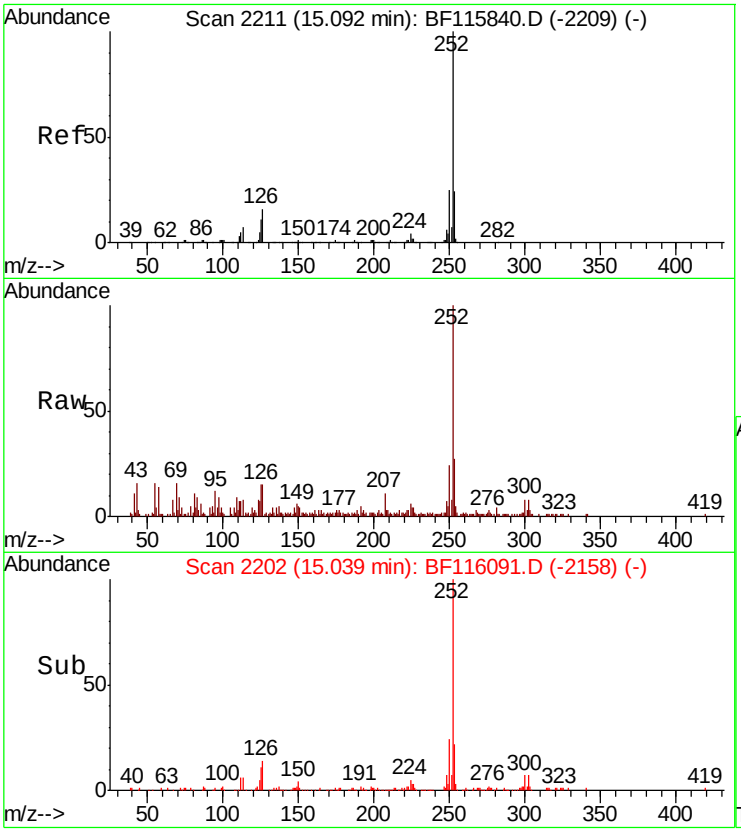


#88
Benzo(b)fluoranthene
Concen: 3.967 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion:252 Resp: 83719

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.8	26.8#
125	14.6	8.4	12.6#





#89
Benzo(k)fluoranthene
Concen: 4.073 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 83719

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.8	26.8#
125	14.6	7.7	11.5#