Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
Data File : BF116409.D
Acq On : 20 Aug 2019 1:05
Operator : HP/JU
Sample : K4223-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-6

Quant Time: Aug 20 03:44:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105612	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	409714	20.00	ng		-0.02
39) Acenaphthene-d10	9.83	164	226538	20.00	ng		-0.02
64) Phenanthrene-d10	11.32	188	413353	20.00	ng		-0.02
76) Chrysene-d12	13.96	240	259915	20.00	ng		-0.02
87) Perylene-d12	15.42	264	302740	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	632488	100.26	ng		0.00
7) Phenol-d6	6.45	99	850078	106.80	ng		-0.01
23) Nitrobenzene-d5	7.37	82	528191	74.41	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	236599	107.72	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	847520	70.08	ng		-0.01
79) Terphenyl-d14	12.90	244	855107	69.32	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	68947	13.979	ng	#	78
25) Isophorone	7.37	82	528191	38.917	ng	#	65
50) Dimethylphthalate	9.55	163	201820	13.084	ng		98
57) 2,4-Dinitrotoluene	9.83	165	29911	6.702	ng	#	21
67) 4-Bromophenyl-phenylether	10.63	248	14404	3.255	ng	#	1
71) Phenanthrene	11.35	178	49846	2.359	ng		98
72) Anthracene	11.35	178	49846	2.331	ng		100
75) Fluoranthene	12.54	202	85632	3.871	ng		98
78) Pyrene	12.77	202	72358	3.693	ng		98
88) Benzo(b)fluoranthene	15.01	252	55688	3.181	ng	#	87
89) Benzo(k)fluoranthene	15.01	252	55688	3.266	ng	#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
Data File : BF116409.D
Acq On : 20 Aug 2019 1:05
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Sample : K4223-11
Misc :
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Instrument :
BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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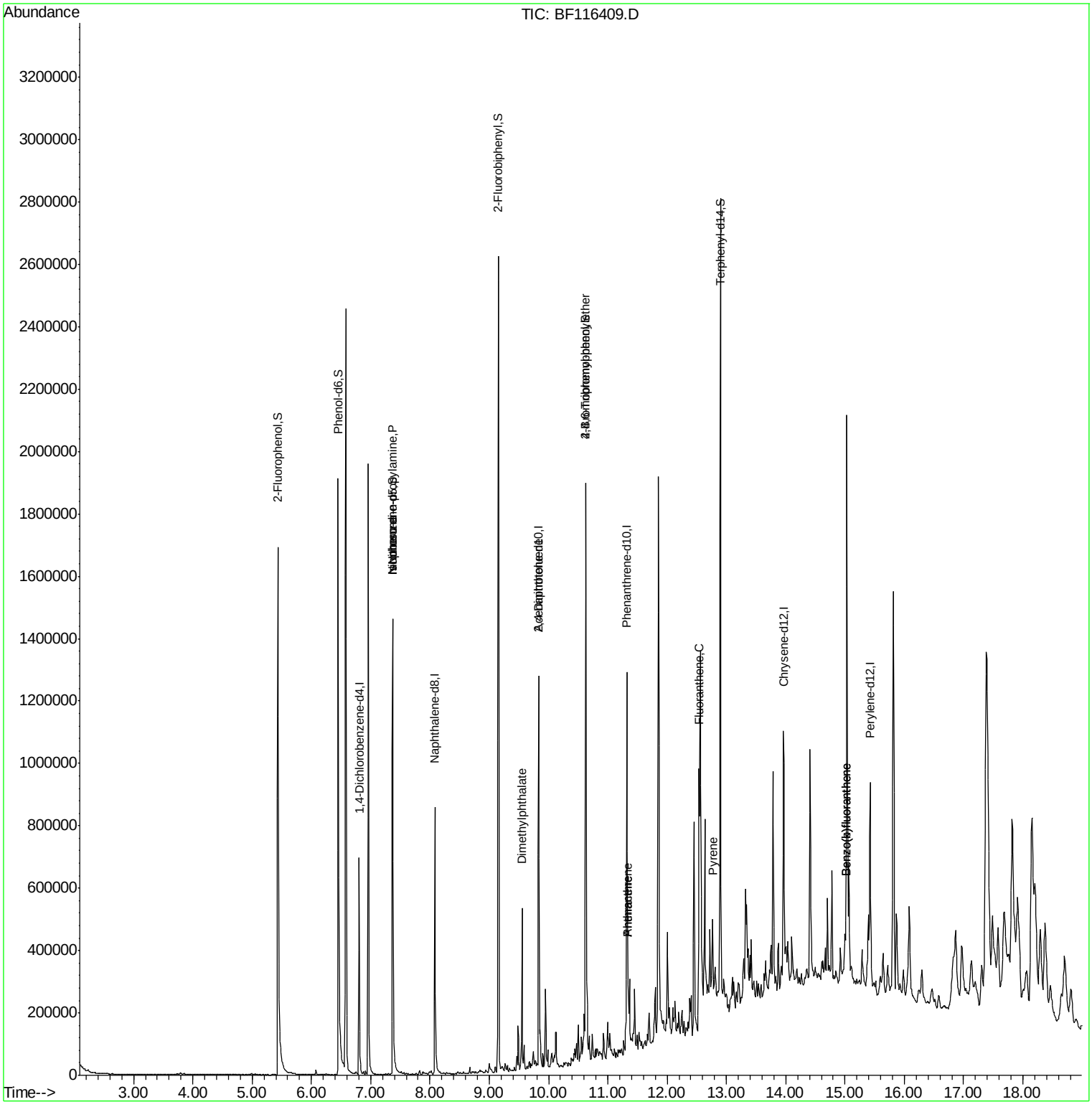
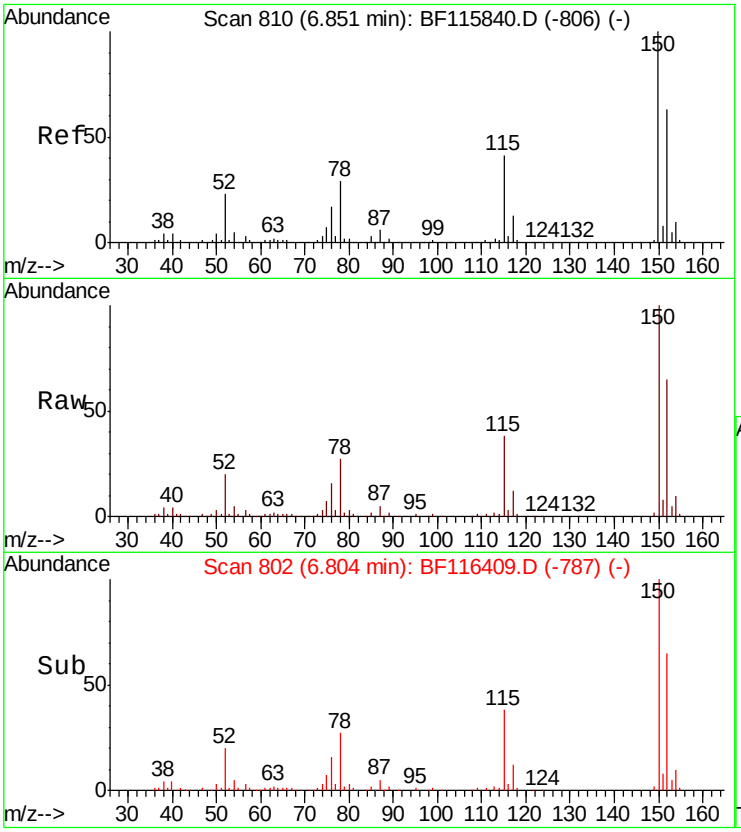


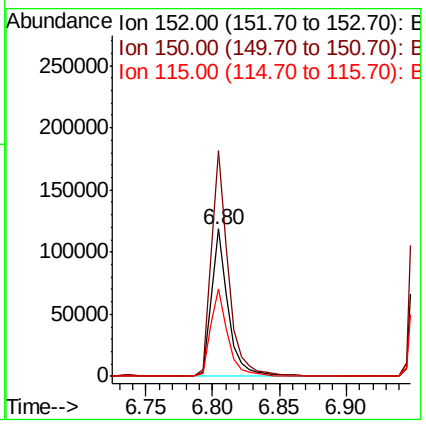


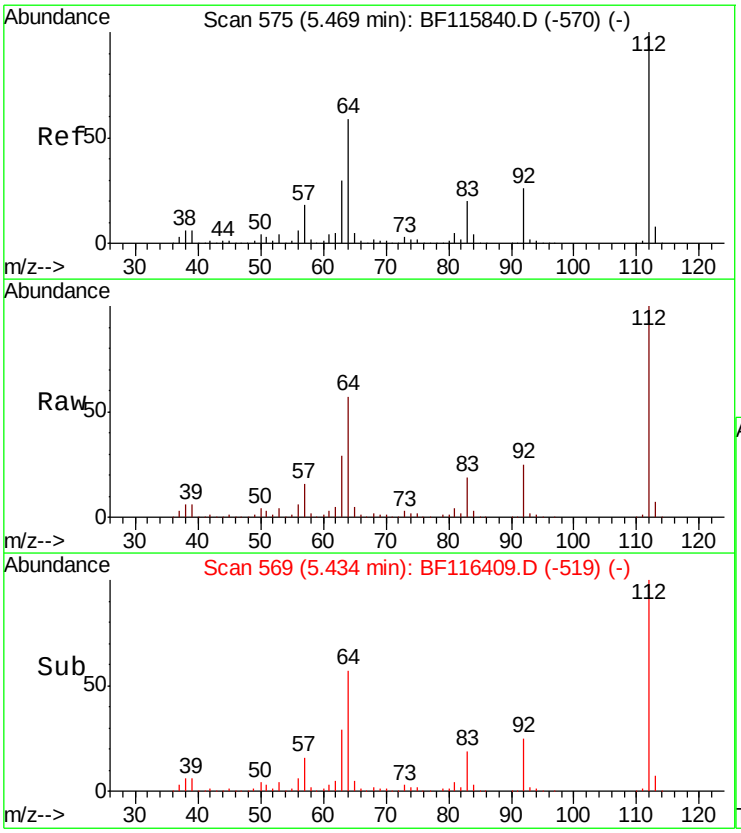
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:152 Resp: 105612

Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.2	189.2
115	59.0	49.9	74.9

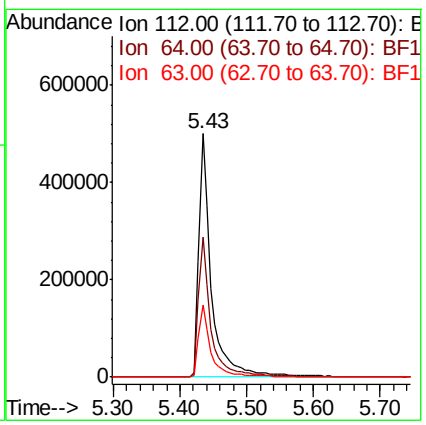


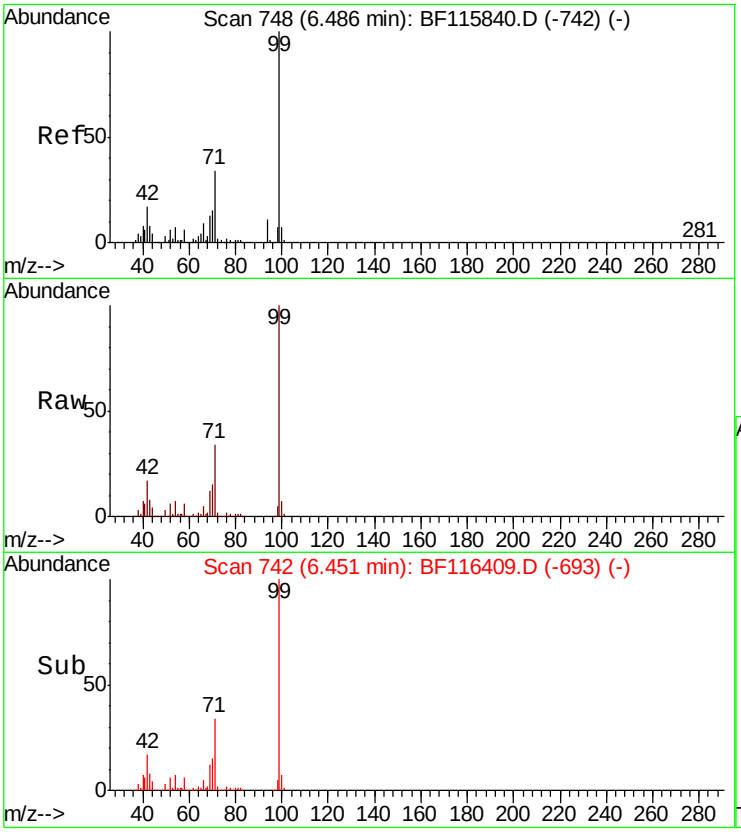


#5
2-Fluorophenol
Concen: 100.256 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Tgt Ion:112 Resp: 632488

Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.4	68.2
63	29.5	23.7	35.5



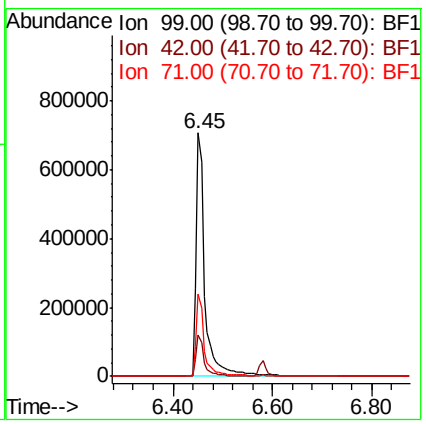


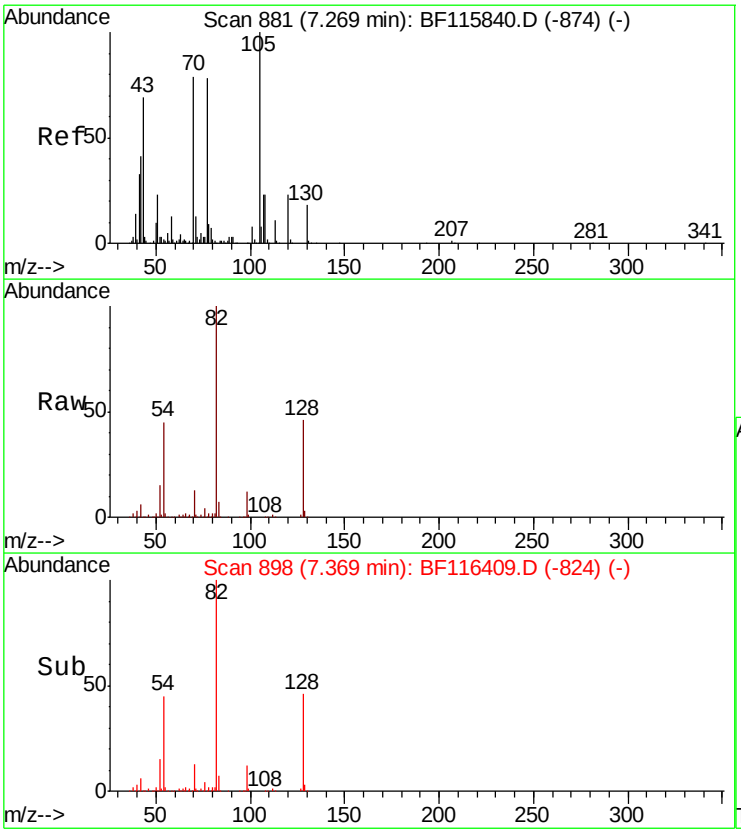
#7
Phenol-d6
Concen: 106.799 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion: 99 Resp: 850078

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.8
71	33.9	27.3	40.9

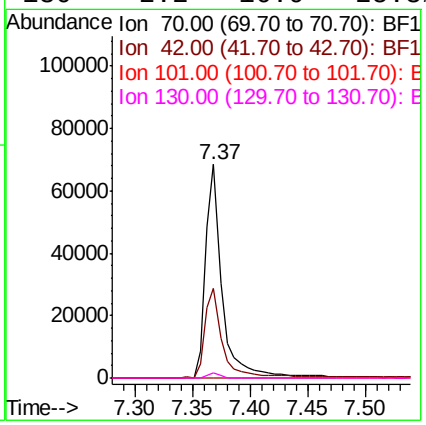


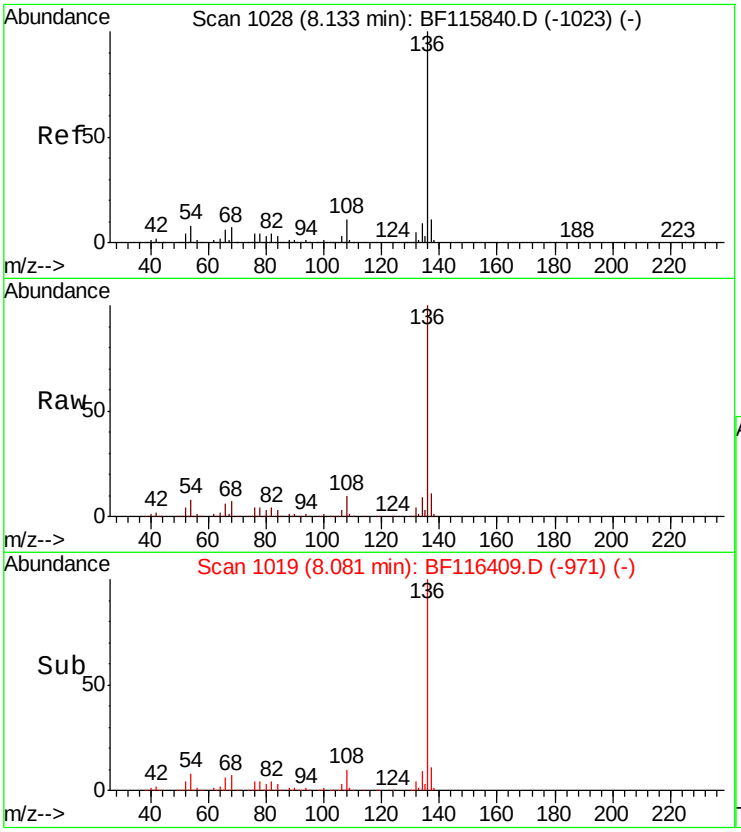


#19
n-Nitroso-di-n-propylamine
Concen: 13.979 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Tgt Ion: 70 Resp: 68947

Ion	Ratio	Lower	Upper
70	100		
42	42.2	40.9	61.3
101	0.0	7.9	11.9#
130	2.2	16.9	25.3#



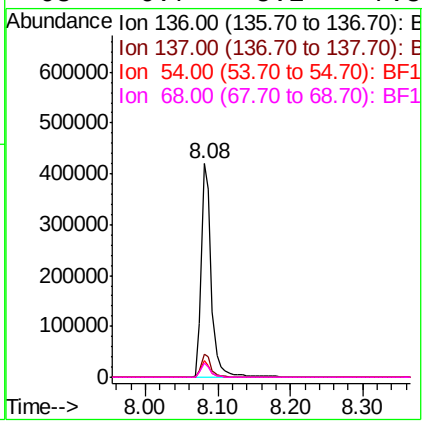


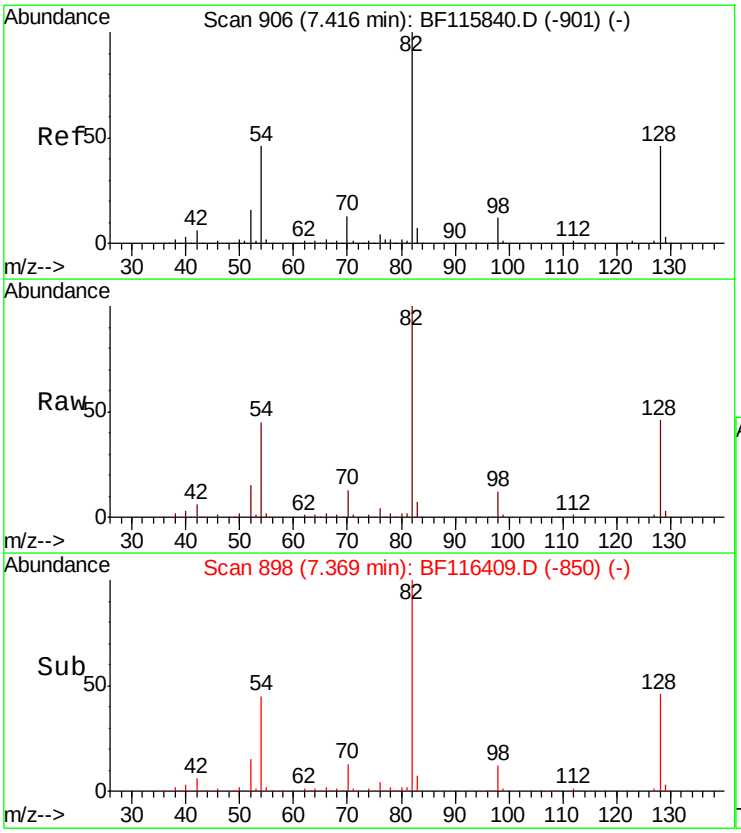
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:136 Resp: 409714

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.6	5.8	8.6
68	6.7	5.2	7.8

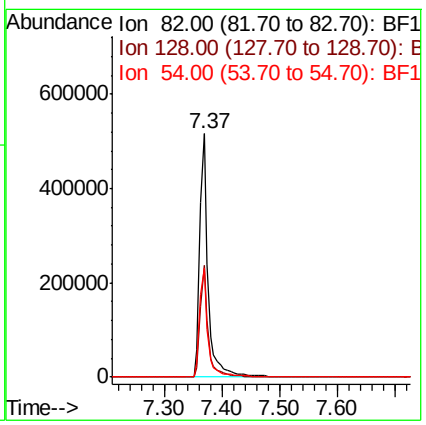


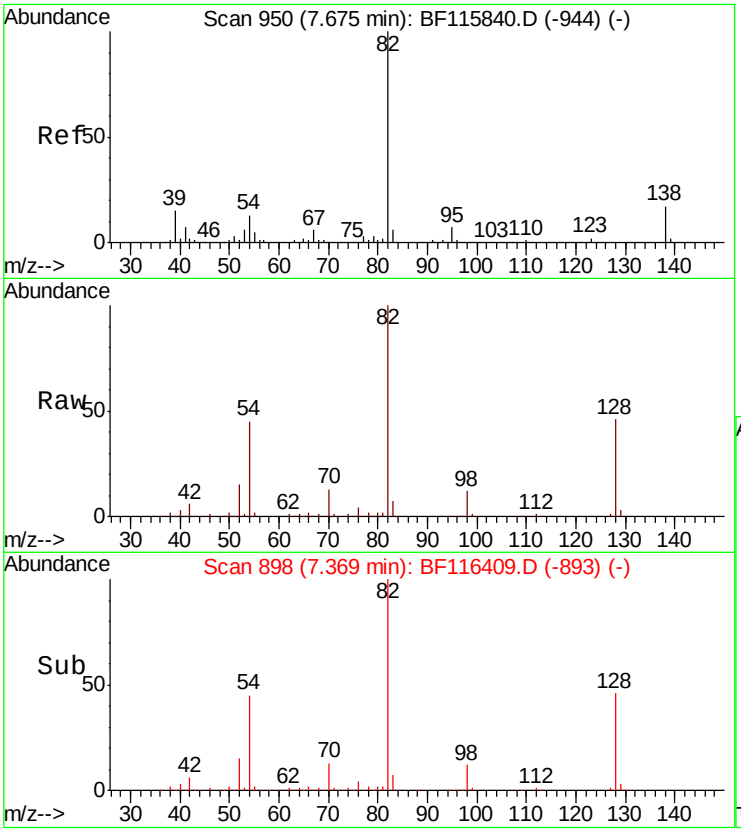


#23
Nitrobenzene-d5
Concen: 74.415 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Tgt Ion: 82 Resp: 528191

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.5	54.7
54	44.7	36.0	54.0



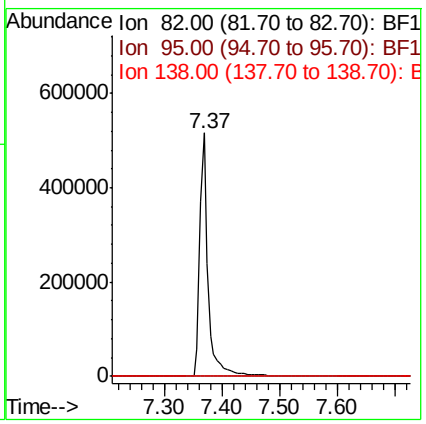


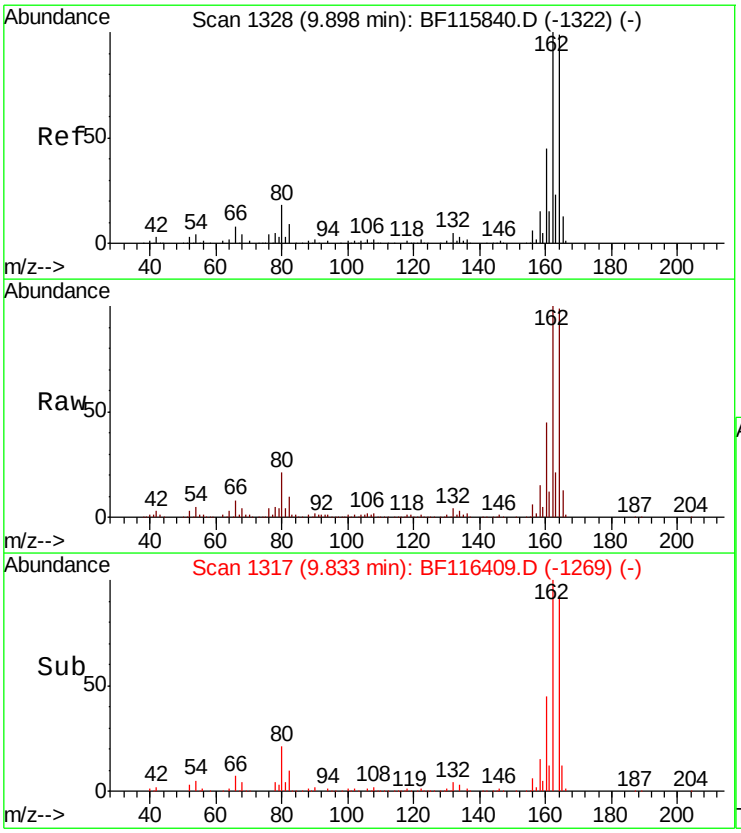
#25
Isophorone
Concen: 38.917 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion: 82 Resp: 528191

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

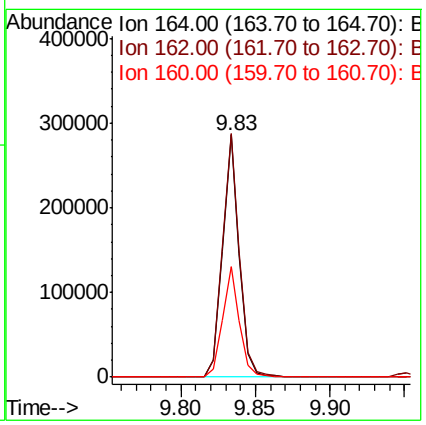


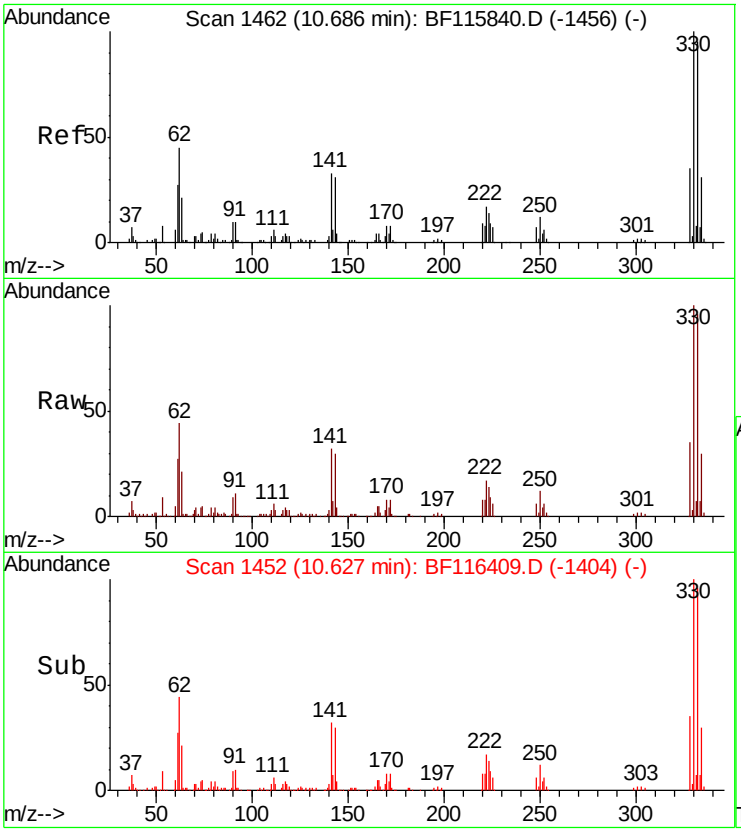


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Tgt Ion:164 Resp: 226538

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	124.0
160	45.5	37.6	56.4



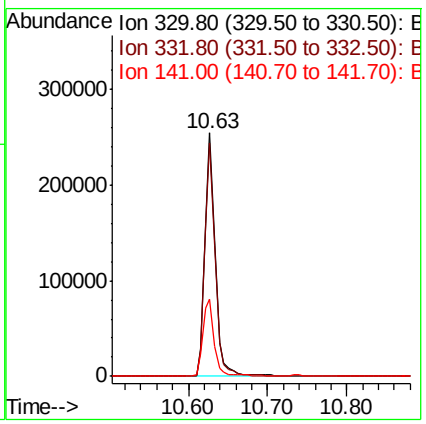


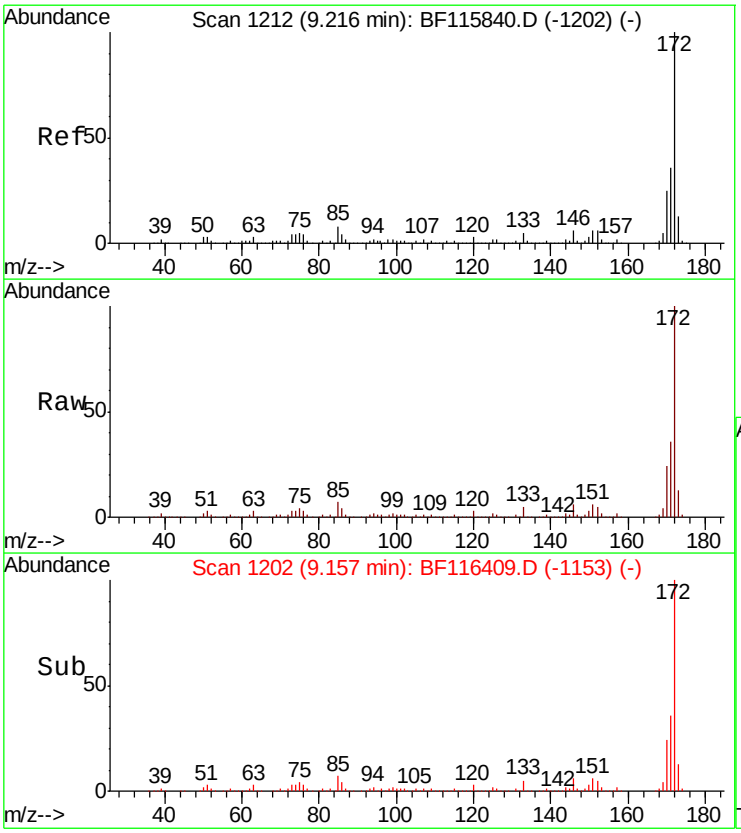
#42
2,4,6-Tribromophenol
Concen: 107.724 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:330 Resp: 236599

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	34.8	26.3	39.5

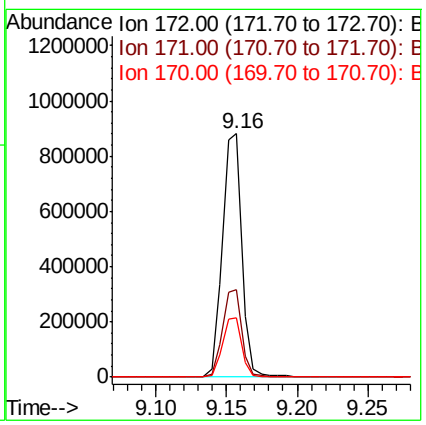


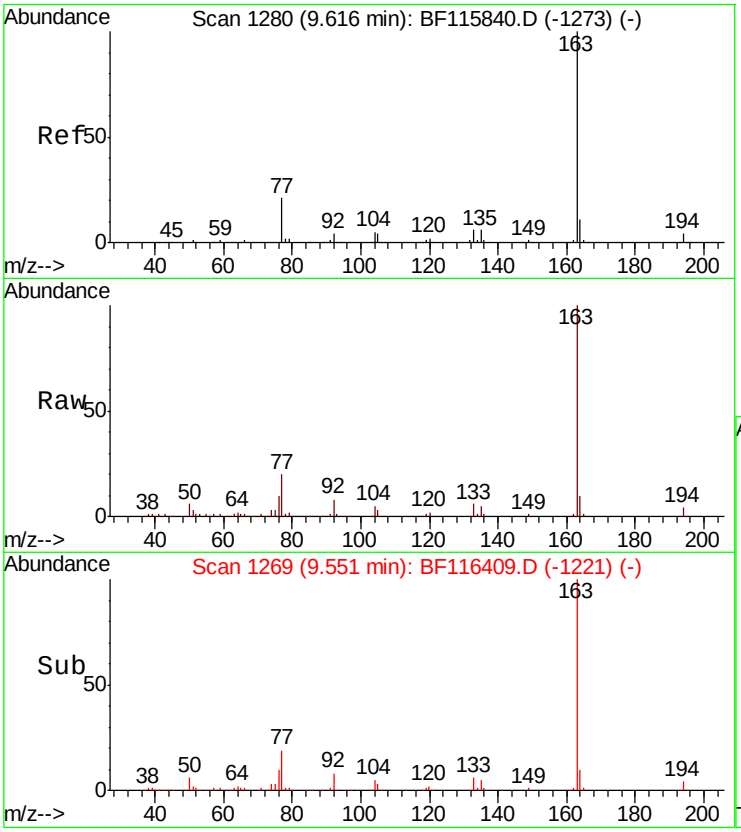


#45
2-Fluorobiphenyl
Concen: 70.075 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Tgt Ion:172 Resp: 847520

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.5	20.1	30.1



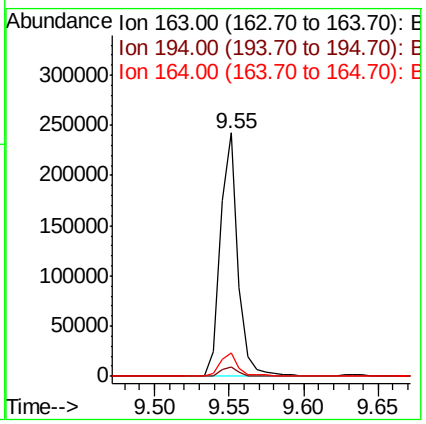


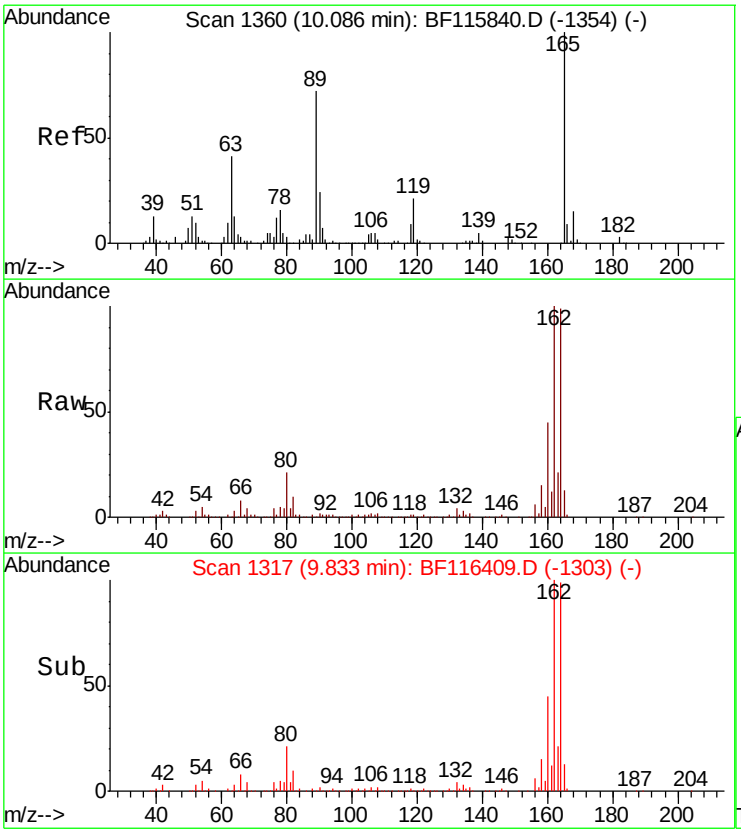
#50
Dimethylphthalate
Concen: 13.084 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:163 Resp: 201820

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.7	8.4	12.6

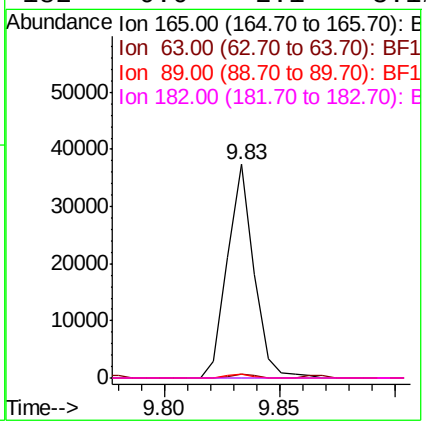


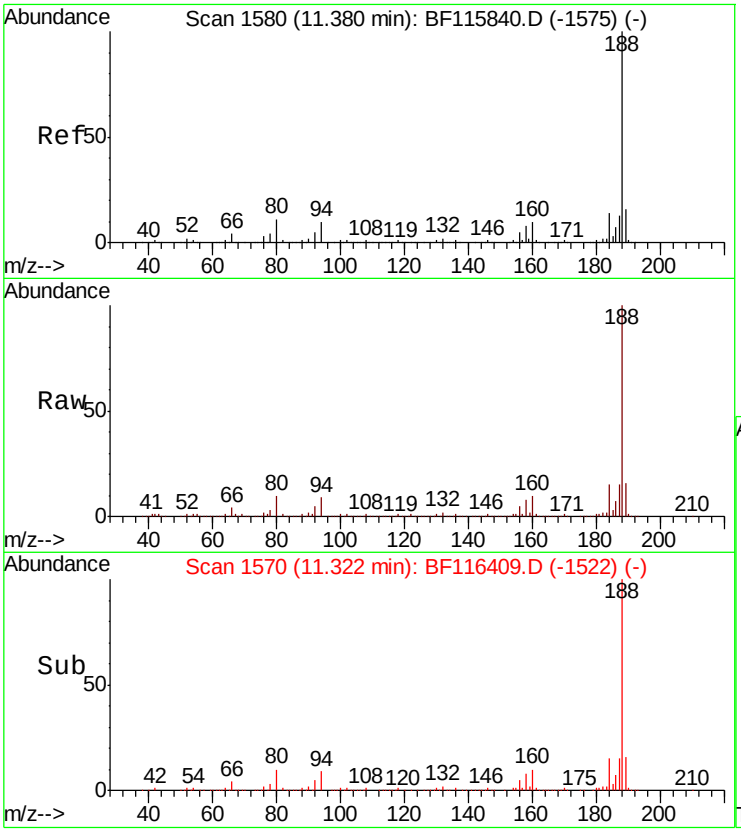


#57
2,4-Dinitrotoluene
Concen: 6.702 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.22 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Tgt Ion:165 Resp: 29911

Ion	Ratio	Lower	Upper
165	100		
63	1.5	39.6	59.4#
89	1.6	62.2	93.2#
182	0.0	2.1	3.1#



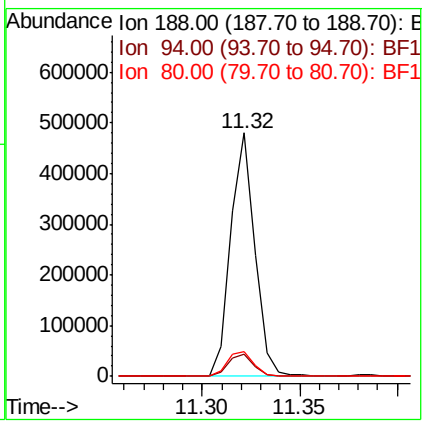


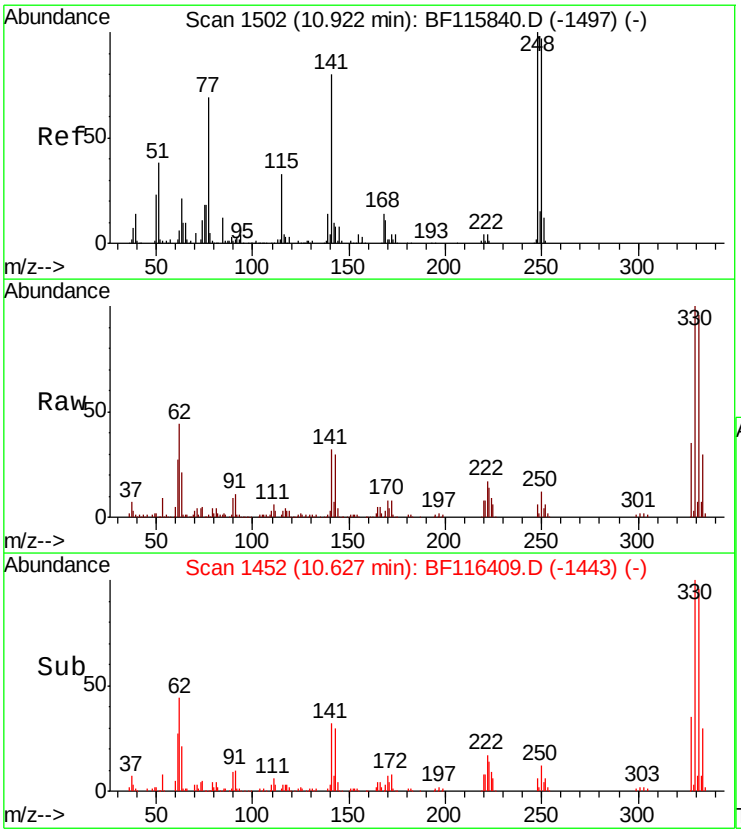
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:188 Resp: 413353

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	10.4	8.7	13.1

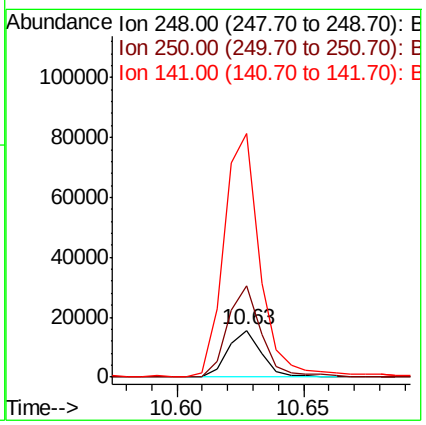


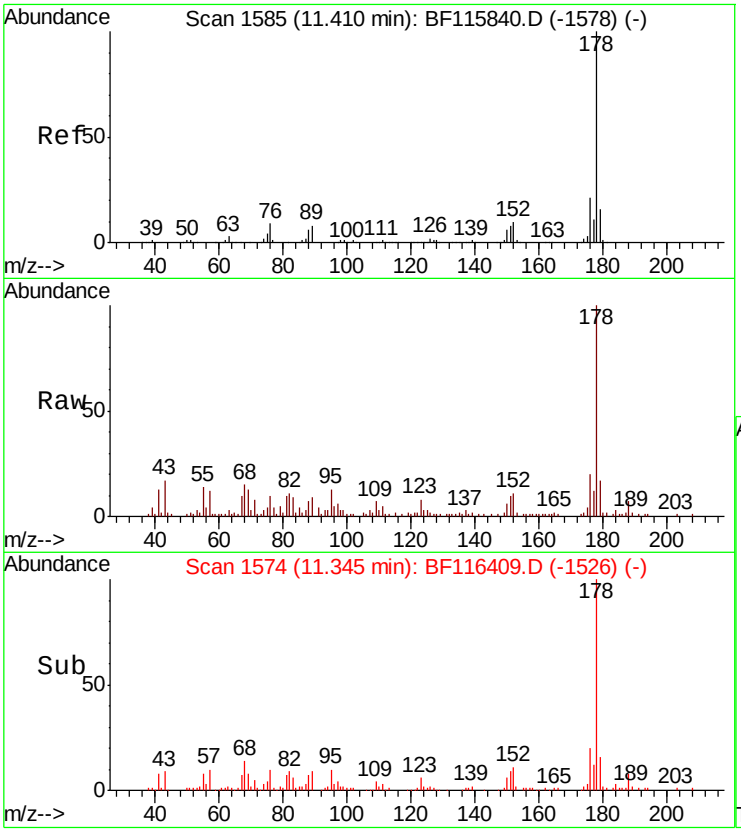


#67
4-Bromophenyl-phenylether
Concen: 3.255 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Tgt Ion:248 Resp: 14404

Ion	Ratio	Lower	Upper
248	100		
250	194.3	77.4	116.2#
141	517.6	56.8	85.2#



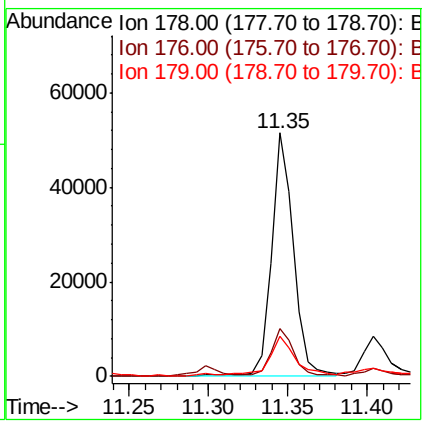


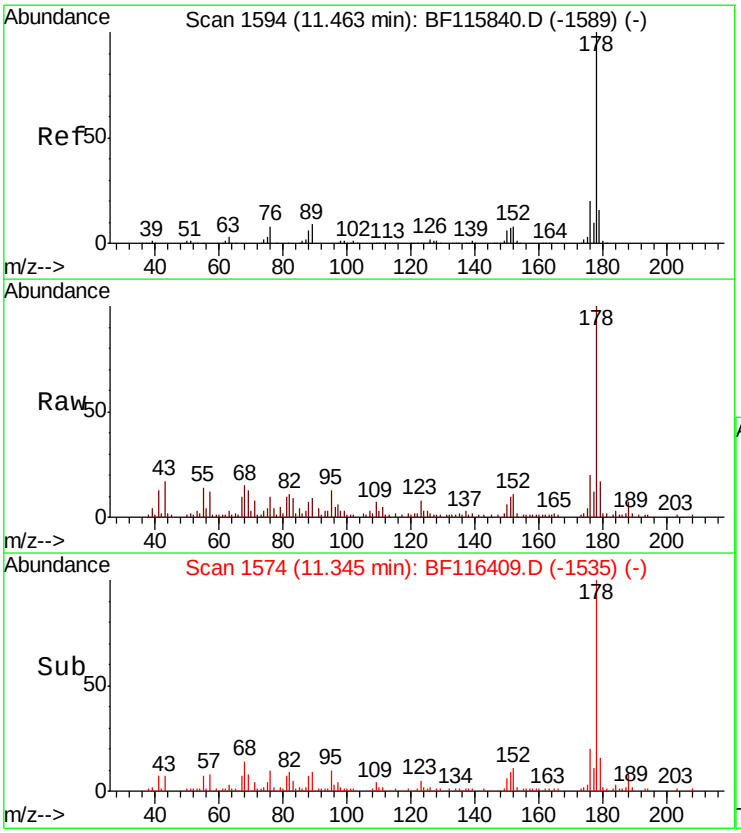
#71
Phenanthrene
Concen: 2.359 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:178 Resp: 49846

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	24.8
179	16.7	12.5	18.7

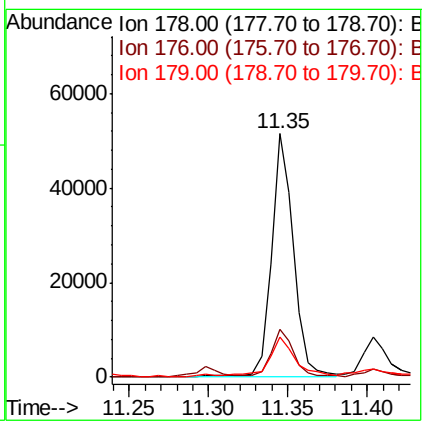


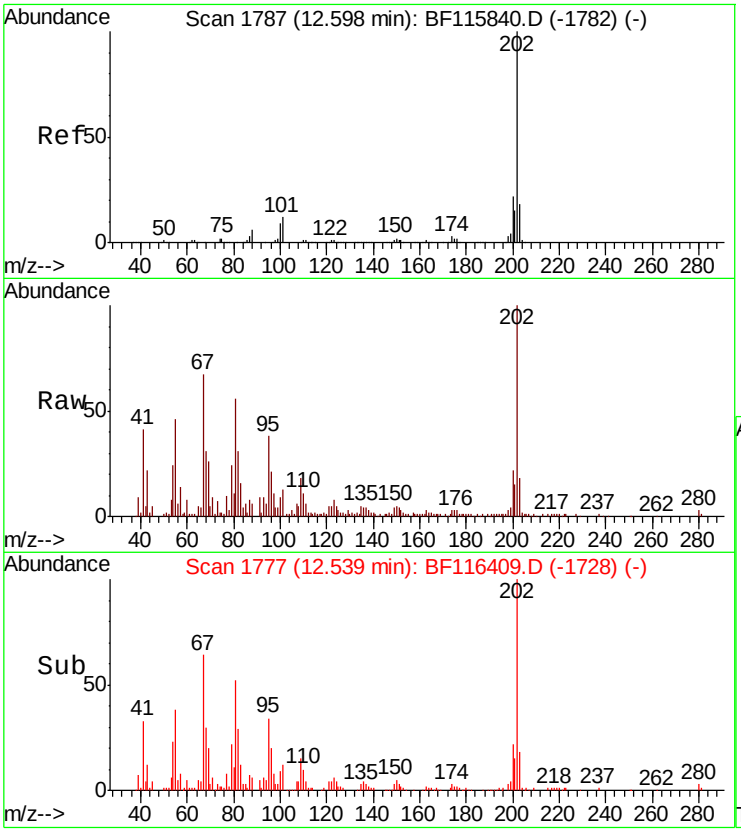


#72
Anthracene
Concen: 2.331 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.07 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Tgt Ion:178 Resp: 49846

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	16.7	13.0	19.6



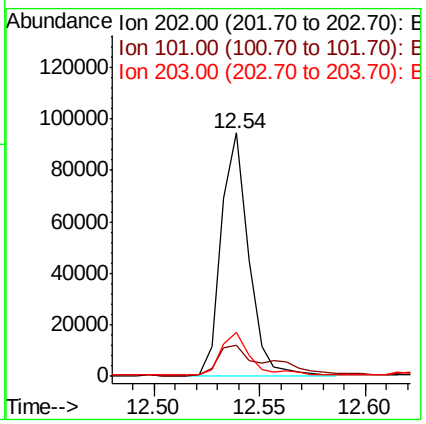


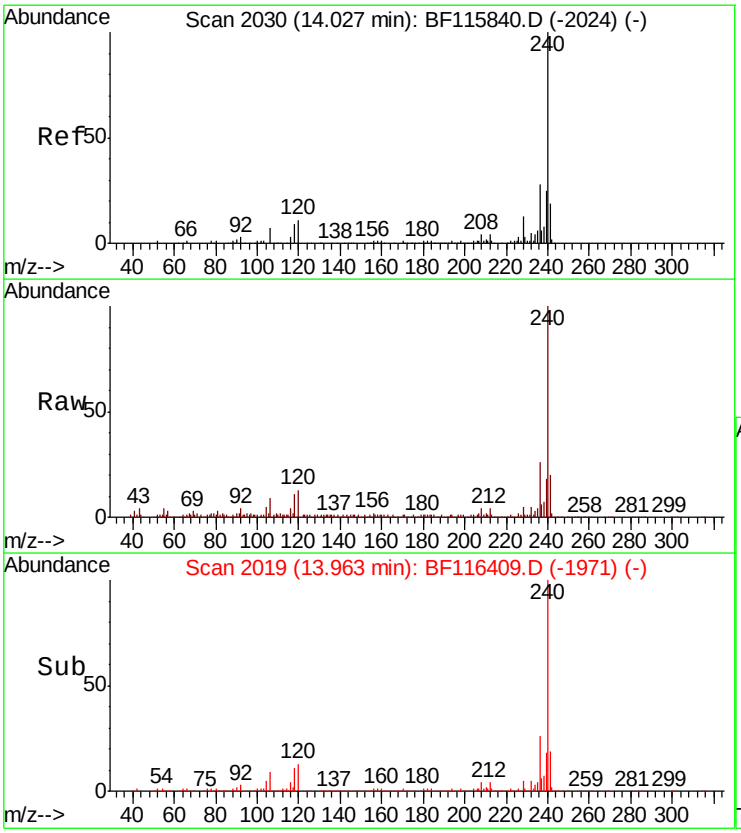
#75
Fluoranthene
Concen: 3.871 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:202 Resp: 85632

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.2
203	18.2	0.0	37.8

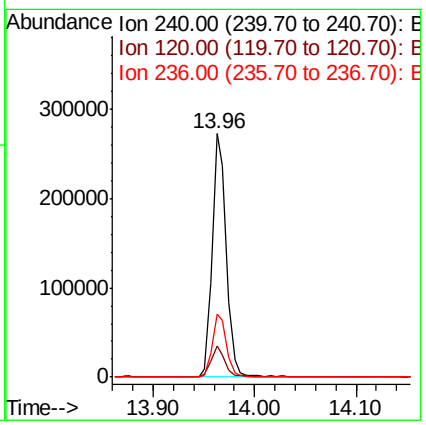


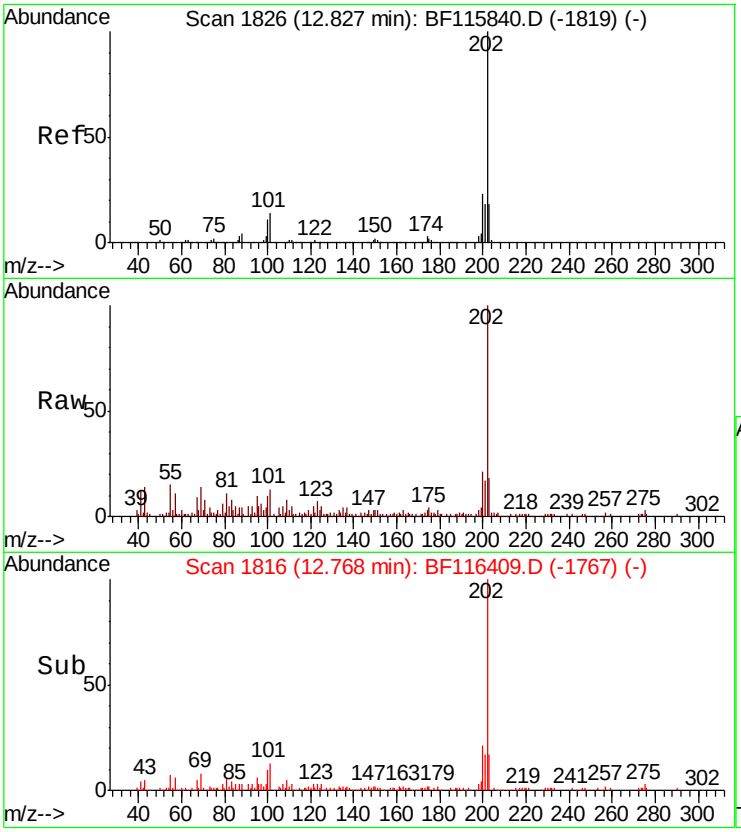


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Tgt Ion:240 Resp: 259915

Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.7	16.1
236	26.1	22.2	33.2



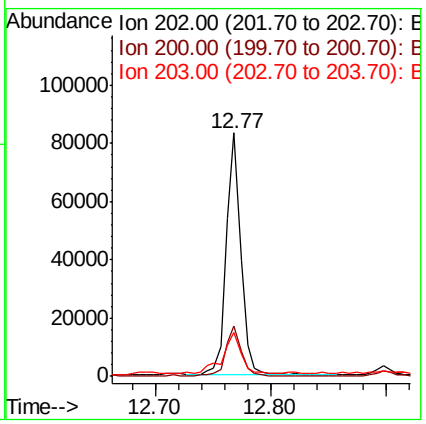


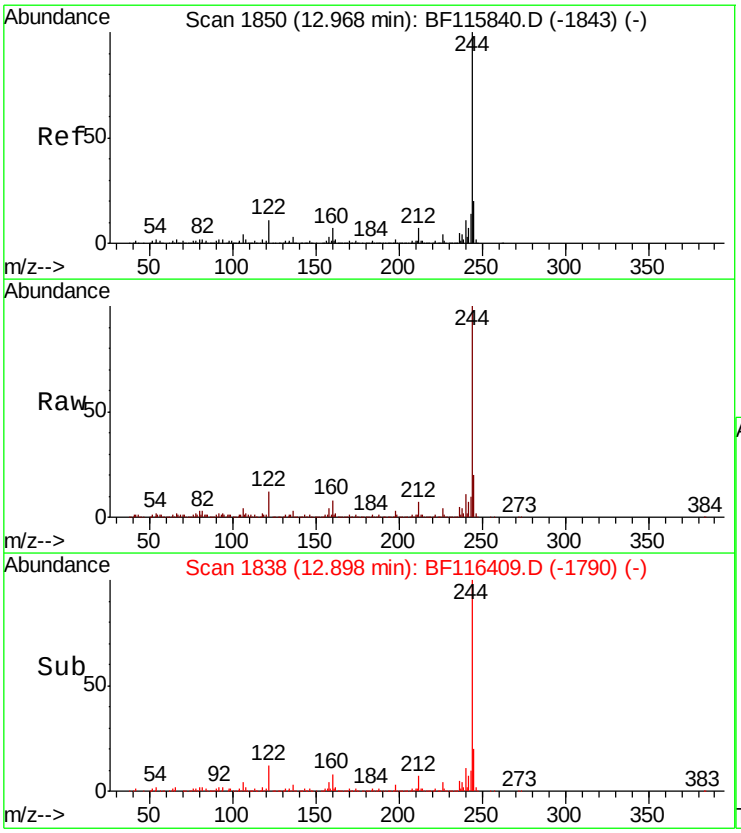
#78
Pyrene
Concen: 3.693 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:202 Resp: 72358

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

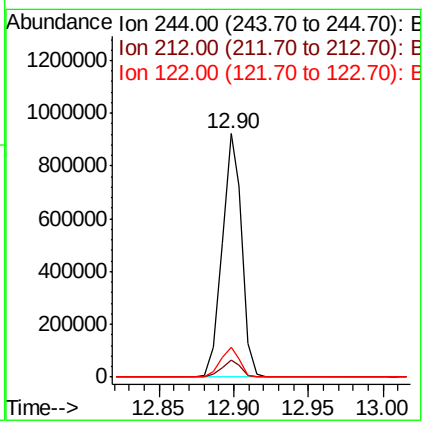


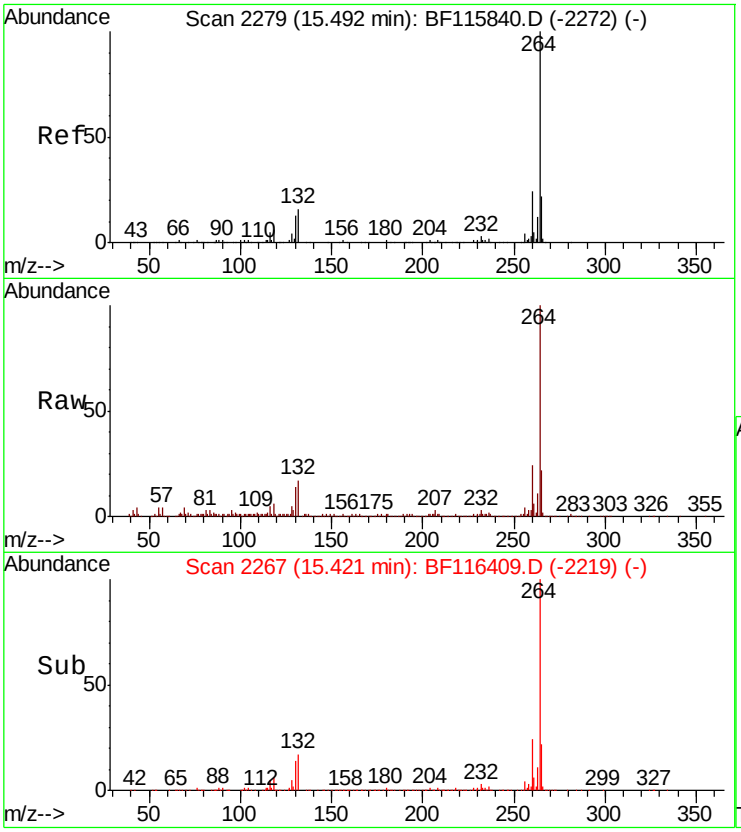


#79
Terphenyl-d14
Concen: 69.325 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Tgt Ion:244 Resp: 855107

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.2	9.0	13.4



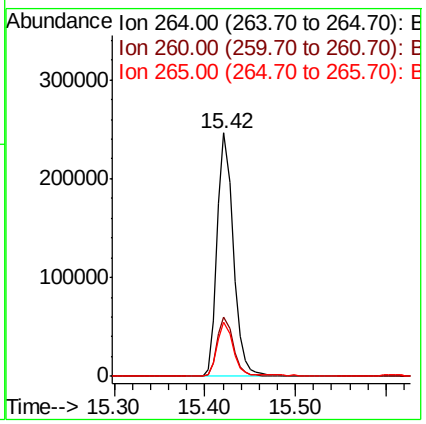


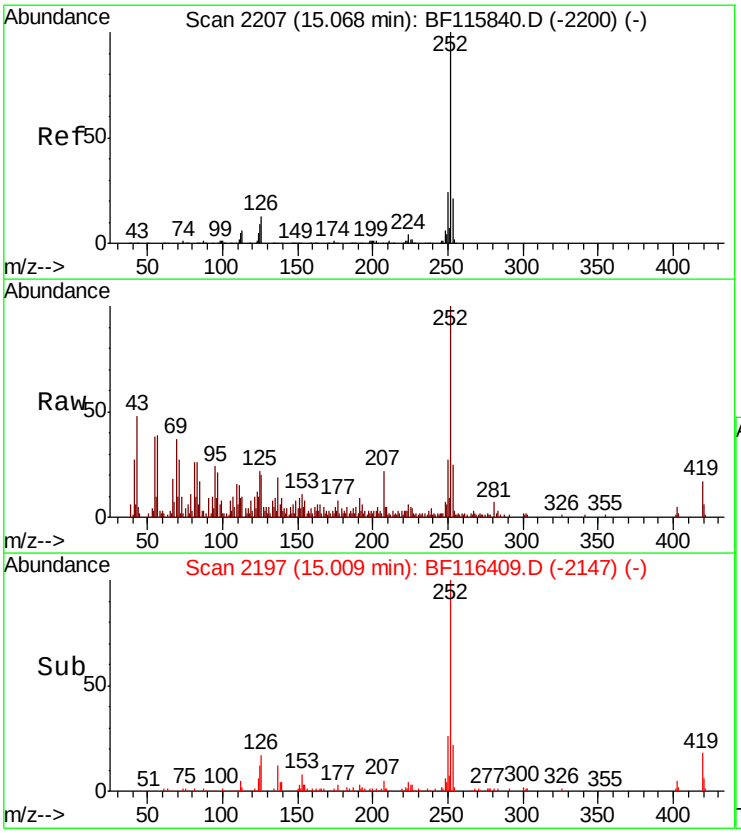
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:264 Resp: 302740

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	22.5	17.4	26.0

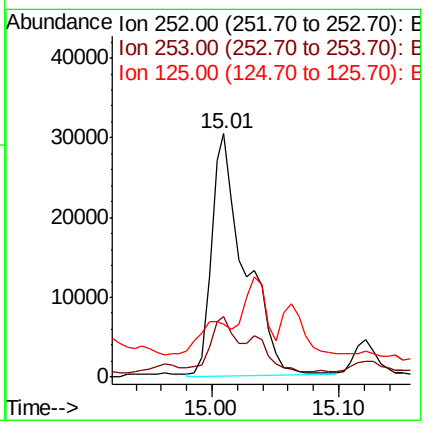


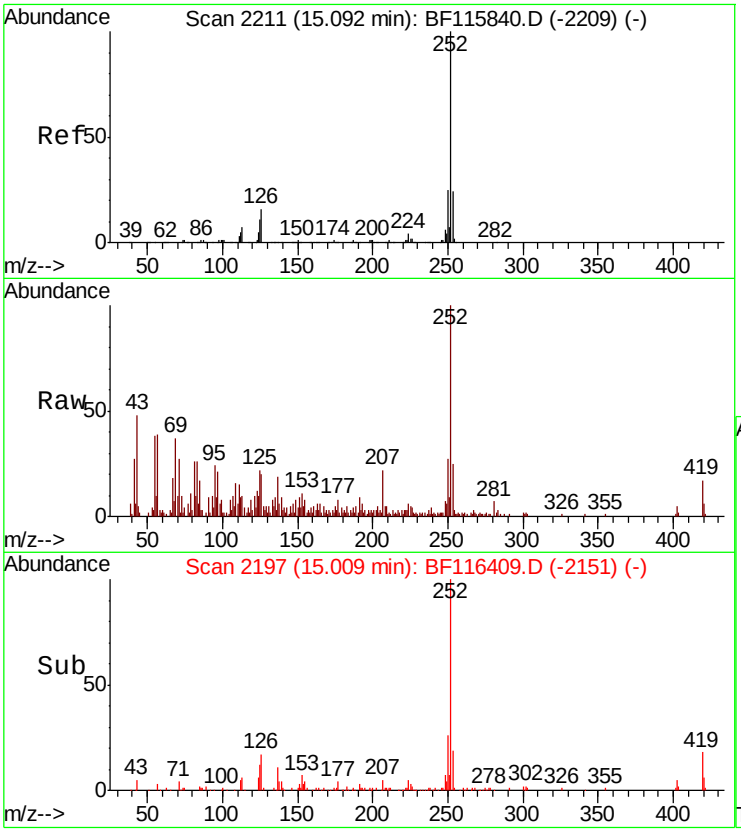


#88
Benzo(b)fluoranthene
Concen: 3.181 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Tgt Ion:252 Resp: 55688

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	21.6	8.4	12.6#





#89
Benzo(k)fluoranthene
Concen: 3.266 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.03 min
Lab File: BF116409.D
Acq: 20 Aug 2019 1:05

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:252 Resp: 55688

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	21.6	7.7	11.5#