Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116561.D
Acq On : 26 Aug 2019 7:17
Operator : HP/JU
Sample : K4509-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 26 08:43:07 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	6.88	152	138021	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	507570	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	227787	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	313001	20.00	ng		0.00
76) Chrysene-d12	14.03	240	211098	20.00	ng		0.00
87) Perylene-d12	15.50	264	185447	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	715913	75.79	ng		0.01
7) Phenol-d6	6.51	99	939661	81.13	ng		0.00
23) Nitrobenzene-d5	7.44	82	553570	59.67	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	101693	51.99	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1011947	71.54	ng		0.00
79) Terphenyl-d14	12.98	244	702049	62.12	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	74106	9.377	ng	#	77
25) Isophorone	7.44	82	553560	30.278	ng	#	67
50) Dimethylphthalate	9.62	163	132622	8.345	ng		99
57) 2,4-Dinitrotoluene	9.92	165	28958	6.996	ng	#	21
67) 4-Bromophenyl-phenylether	10.70	248	6605	2.013	ng	#	1
71) Phenanthrene	11.42	178	246888	14.479	ng		99
72) Anthracene	11.47	178	61539	3.592	ng		98
75) Fluoranthene	12.61	202	384100	21.789	ng		99
78) Pyrene	12.83	202	351667	20.831	ng		99
81) Benzo(a)anthracene	14.02	228	161923	11.843	ng		98
83) Chrysene	14.06	228	152536	11.007	ng		97
86) Indeno(1,2,3-cd)pyrene	16.96	276	54904	4.625	ng		96
88) Benzo(b)fluoranthene	15.07	252	205038	17.898	ng		97
89) Benzo(k)fluoranthene	15.07	252	205038	19.756	ng		98
90) Benzo(a)pyrene	15.43	252	105641	10.434	ng		97
92) Benzo(g,h,i)perylene	17.40	276	52198	6.581	ng		95

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

Quantitation Report (Not Reviewed)

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ALS Vial : 36 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
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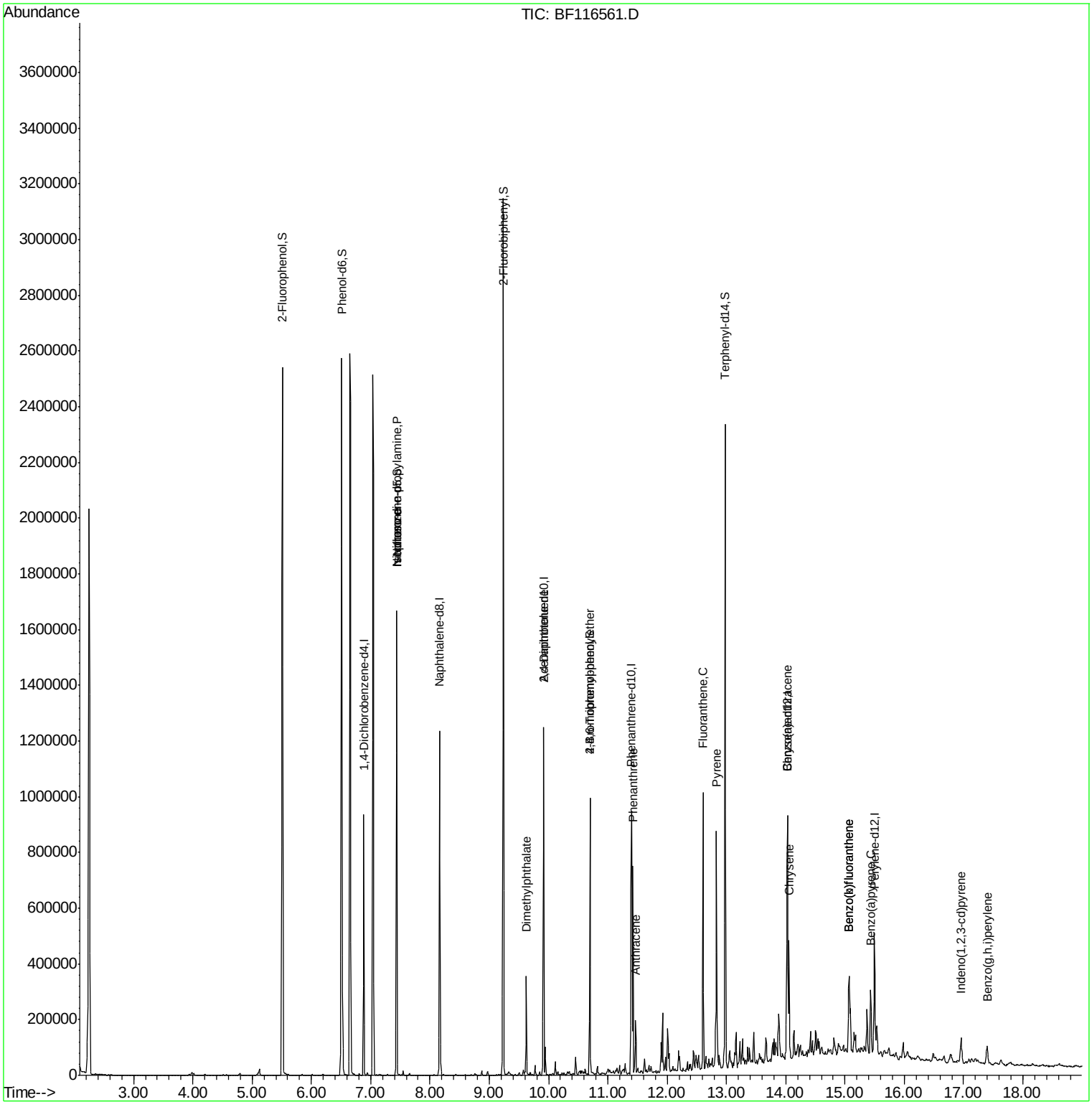
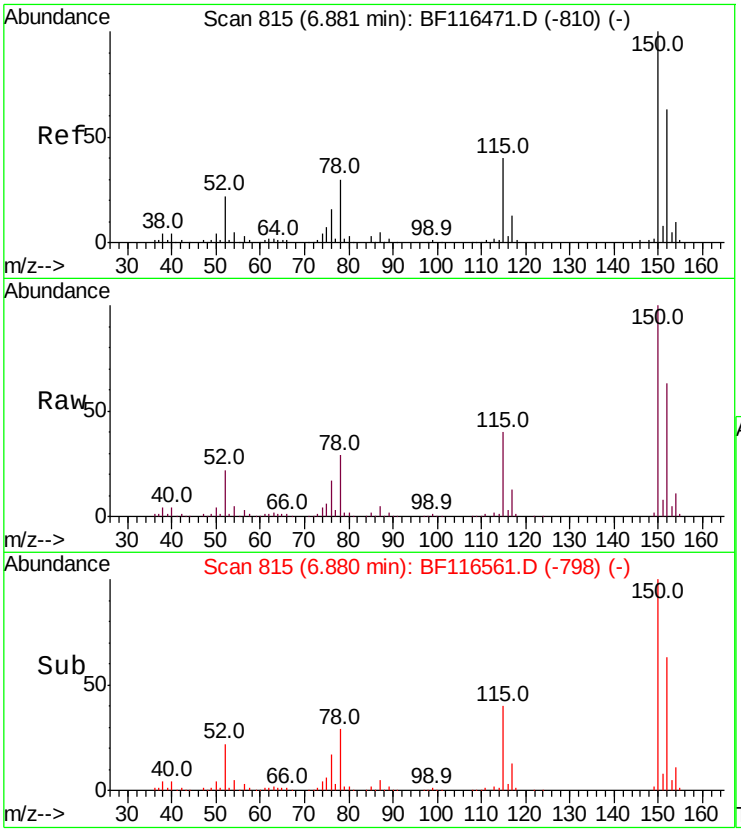


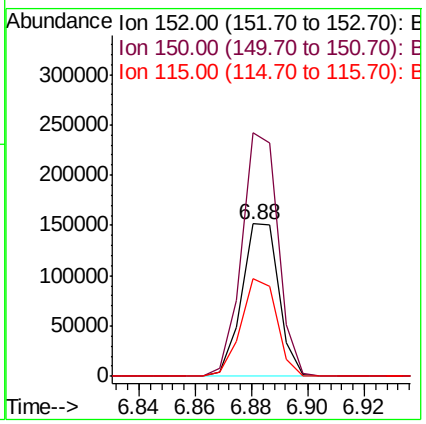


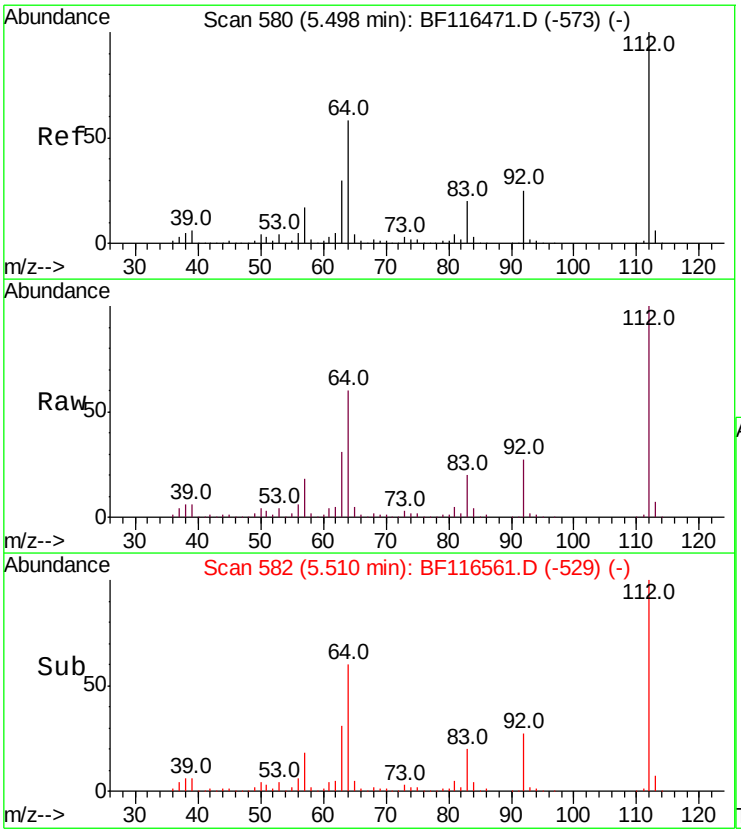
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 138021

Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.7	190.1
115	64.3	50.9	76.3

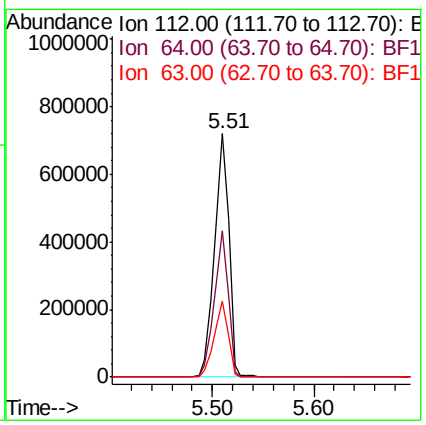


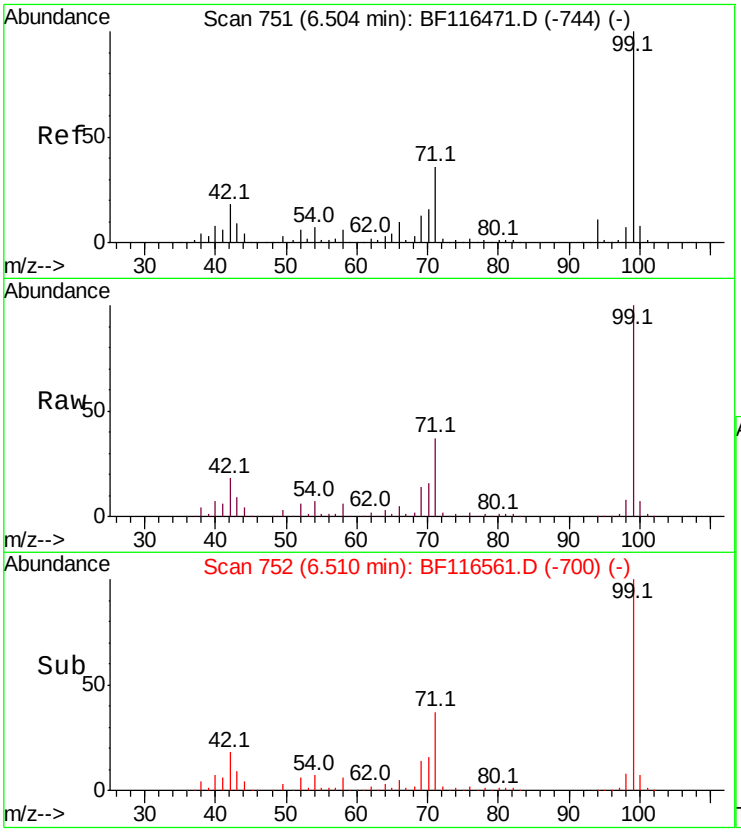


#5
2-Fluorophenol
Concen: 75.789 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion:112 Resp: 715913

Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.3	69.5
63	31.2	24.2	36.4



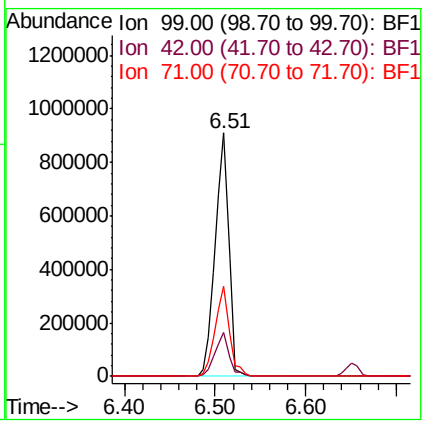


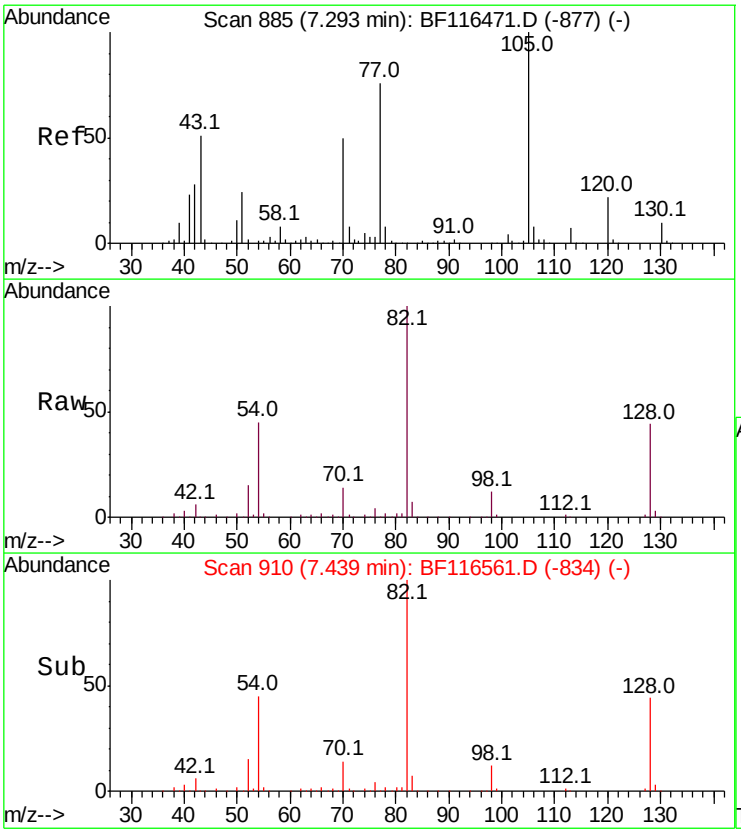
#7
Phenol-d6
Concen: 81.129 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 939661

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.6	21.8
71	37.1	28.5	42.7

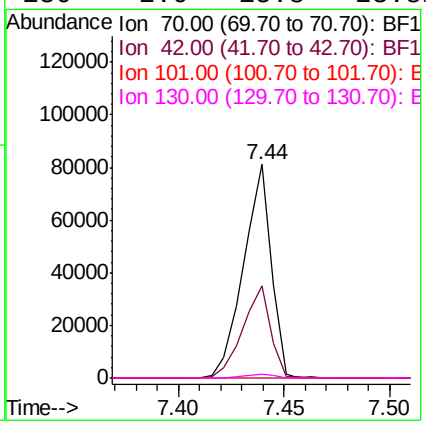


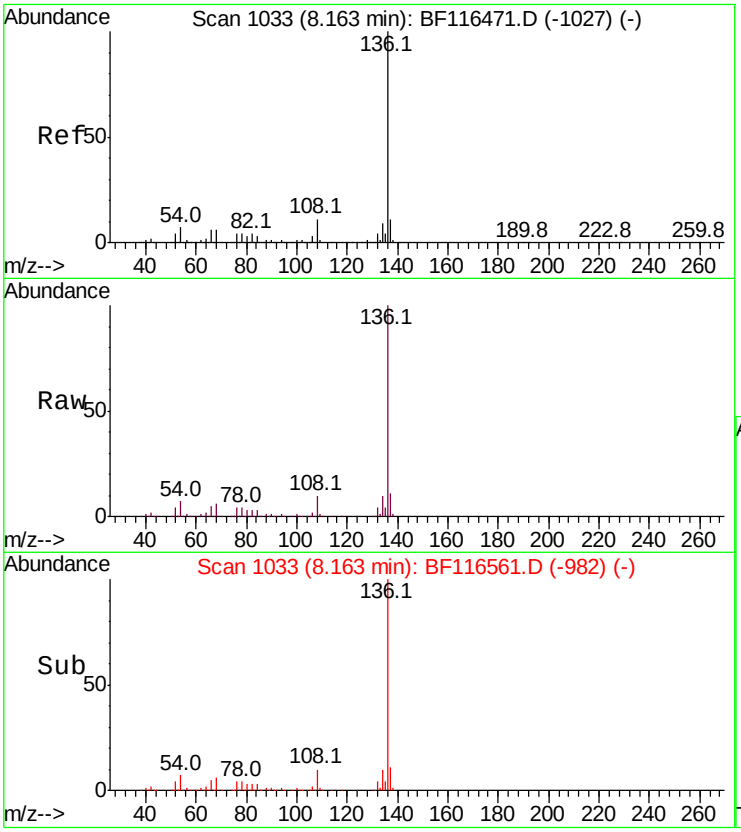


#19
n-Nitroso-di-n-propylamine
Concen: 9.377 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion: 70 Resp: 74106

Ion	Ratio	Lower	Upper
70	100		
42	43.3	44.4	66.6#
101	0.0	7.1	10.7#
130	2.0	15.8	23.8#



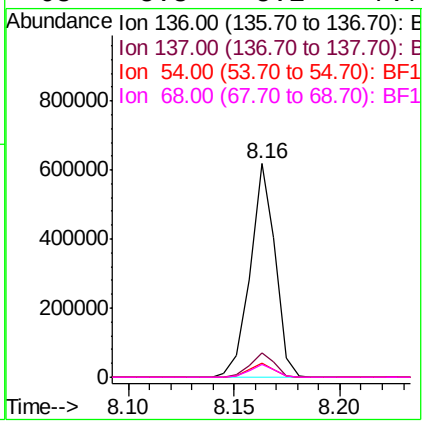


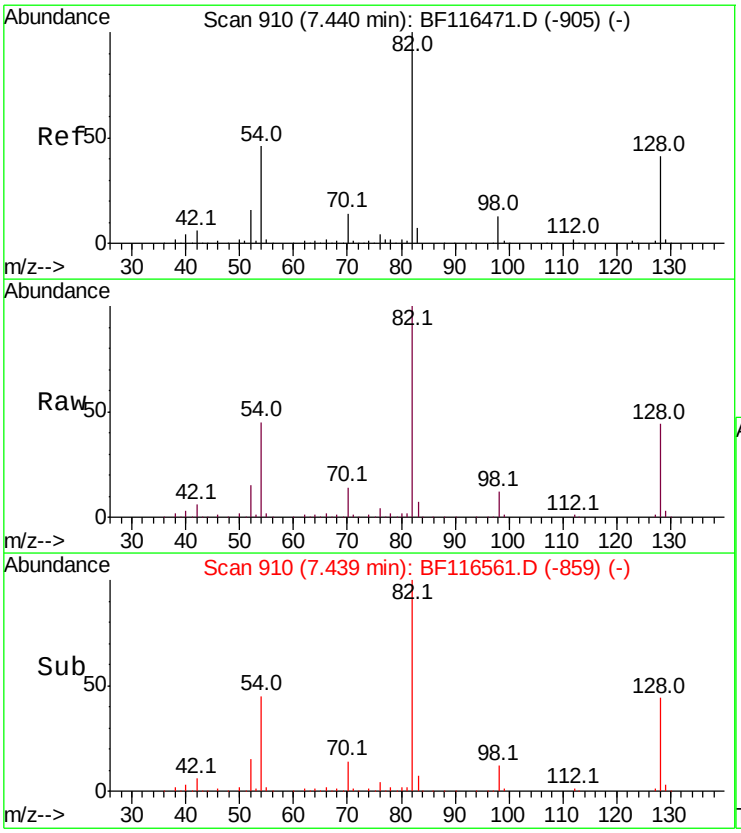
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 507570

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.8	5.8	8.6
68	5.8	5.1	7.7

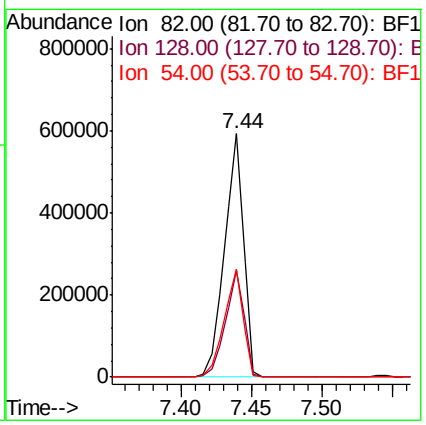


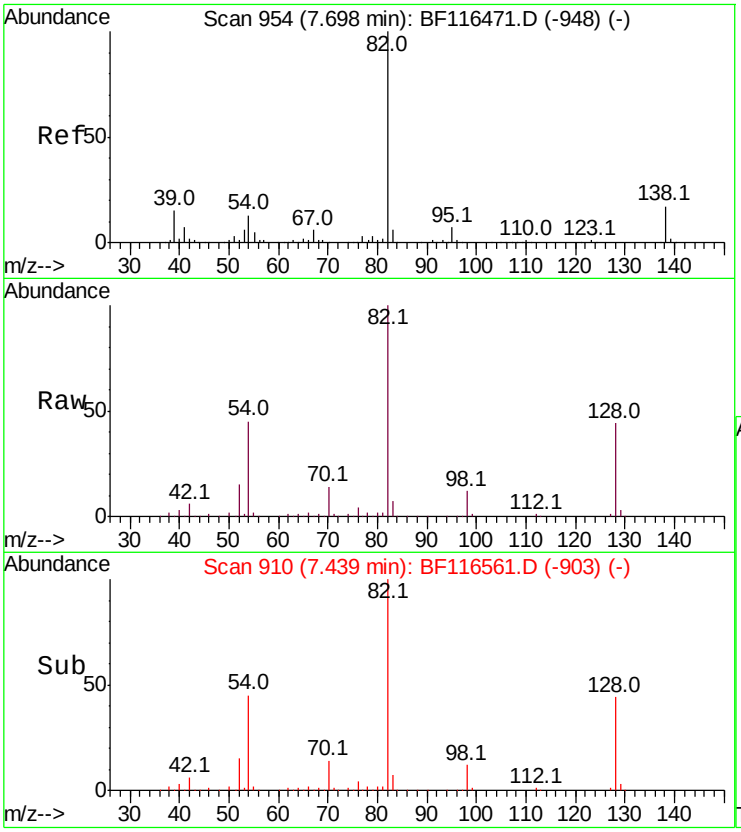


#23
Nitrobenzene-d5
Concen: 59.668 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion: 82 Resp: 553570

Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.2	48.4
54	44.5	36.5	54.7



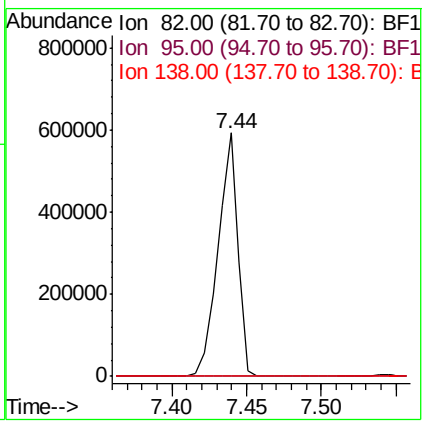


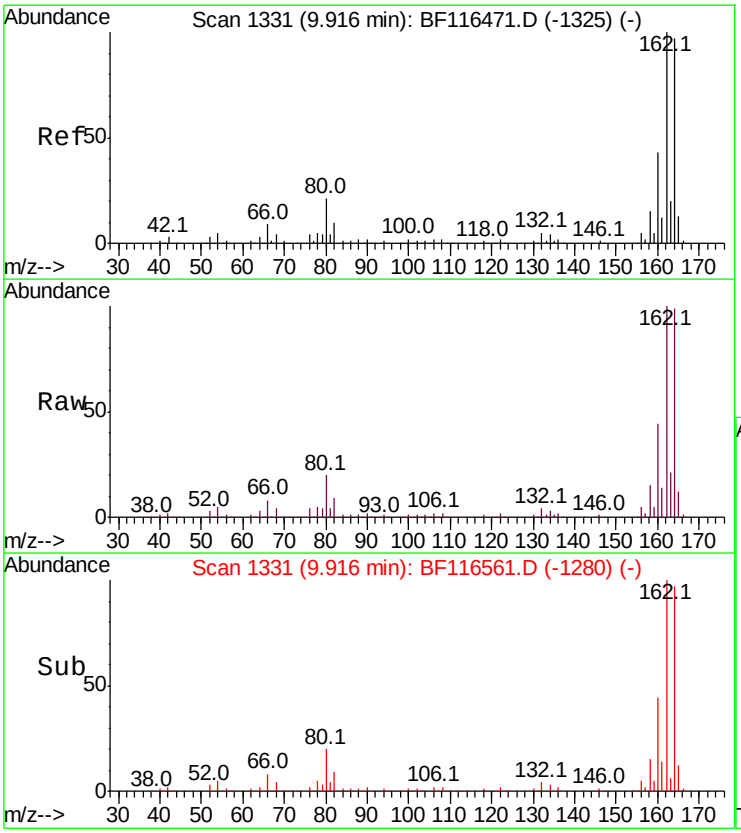
#25
Isophorone
Concen: 30.278 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 553560

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#

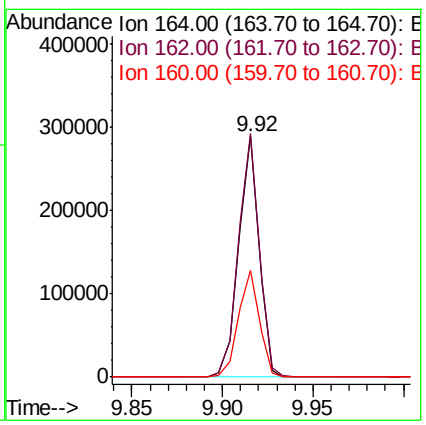


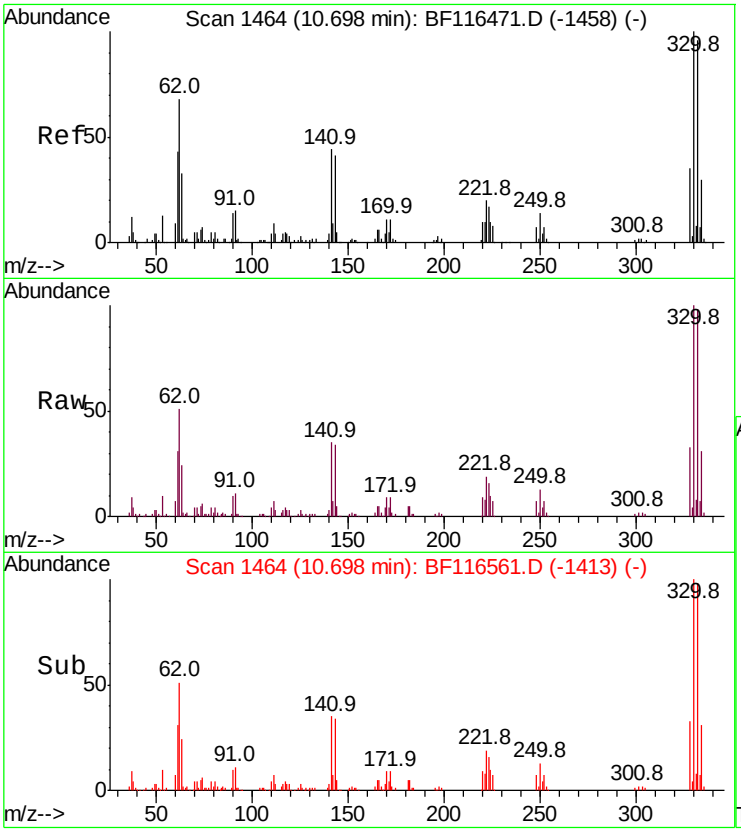


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion:164 Resp: 227787

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	44.4	35.8	53.8



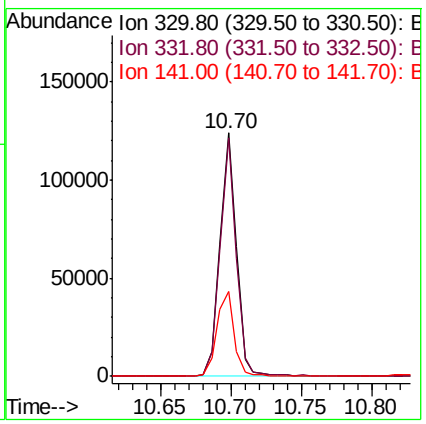


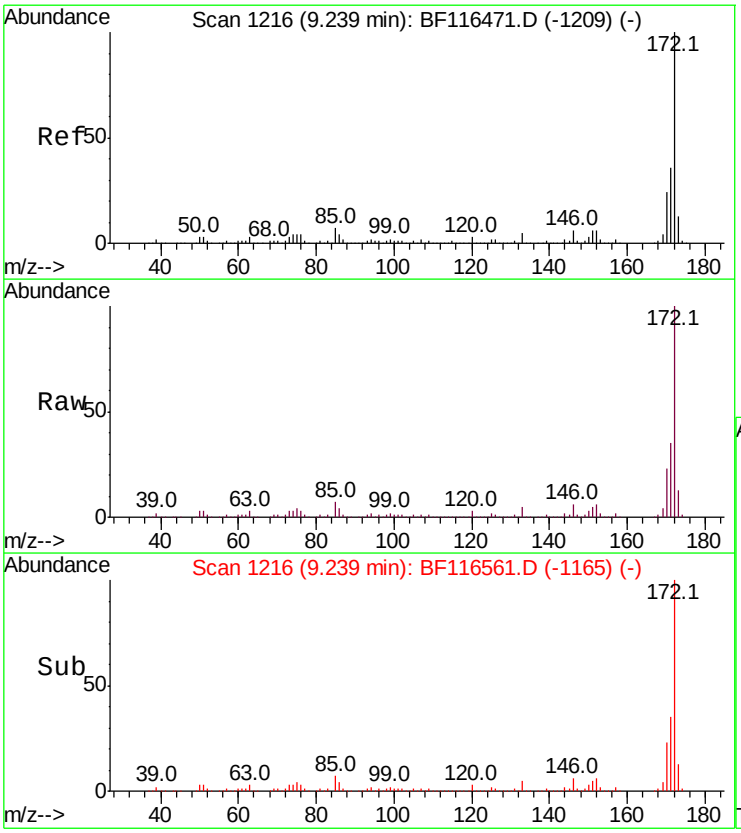
#42
2,4,6-Tribromophenol
Concen: 51.992 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 101693

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.2	115.8
141	36.9	33.3	49.9

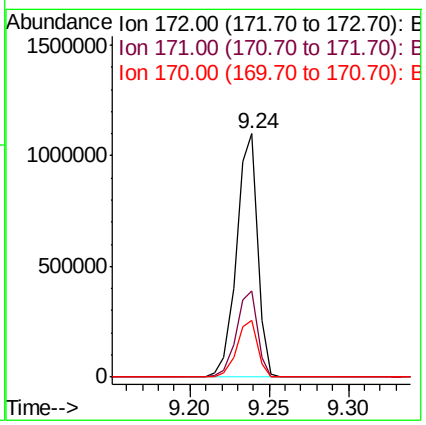


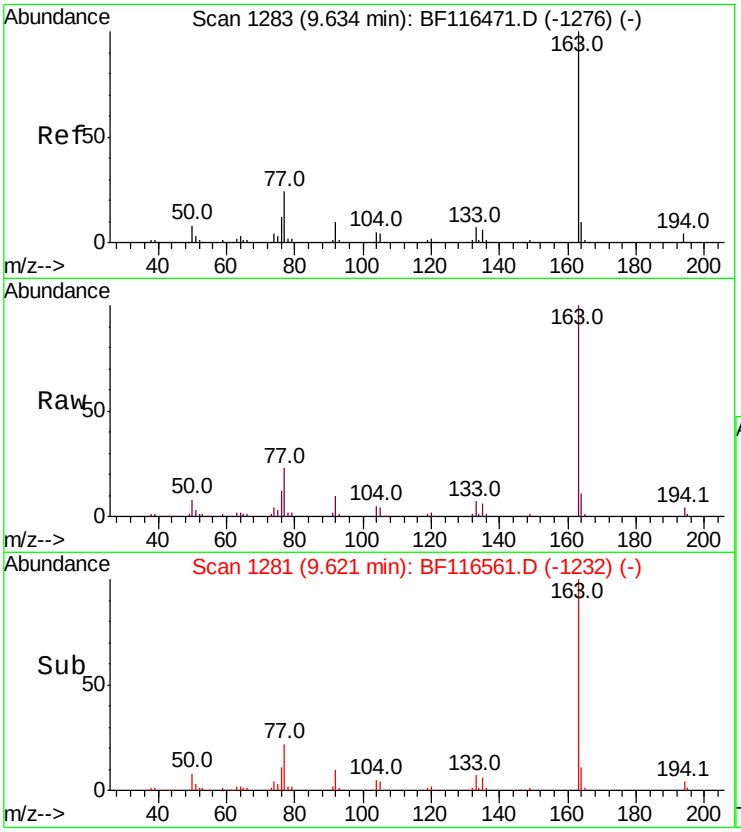


#45
2-Fluorobiphenyl
Concen: 71.543 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion:172 Resp: 1011947

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.3	19.4	29.0



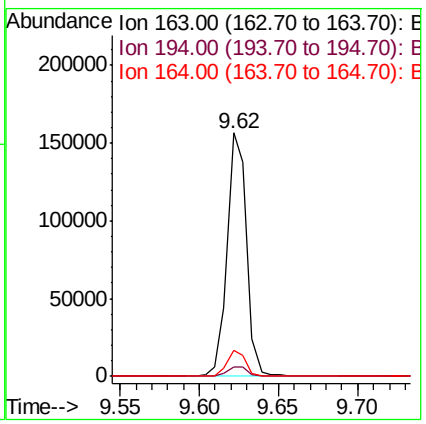


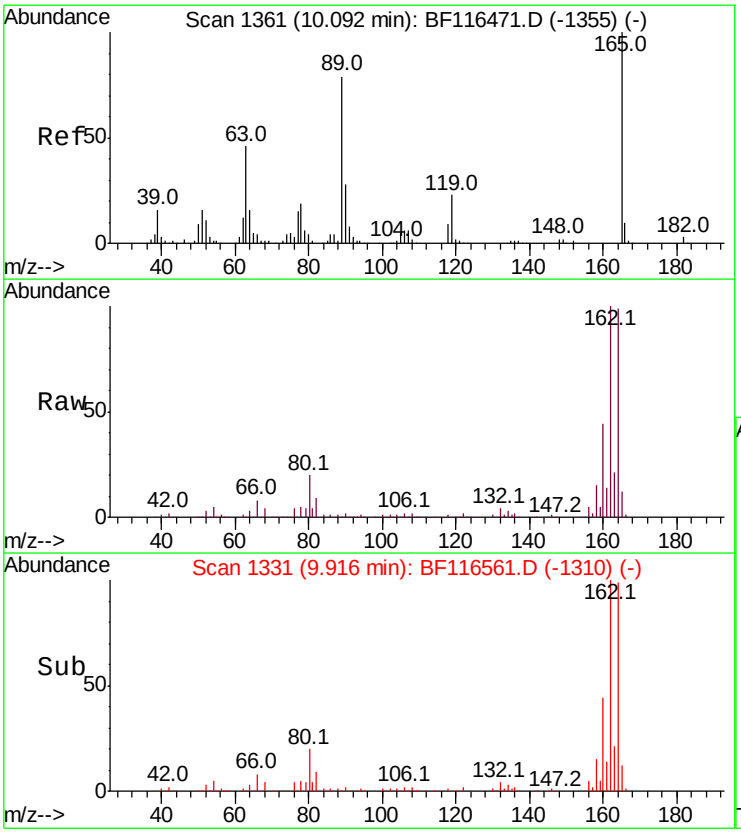
#50
Dimethylphthalate
Concen: 8.345 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 132622

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.6	8.2	12.2

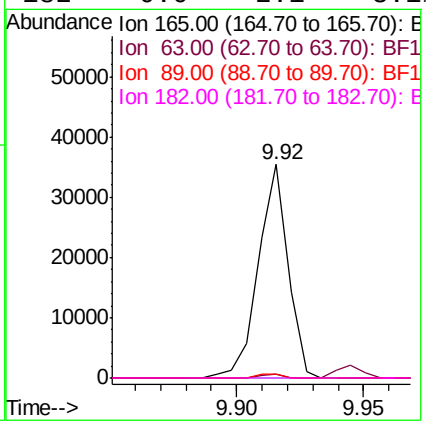


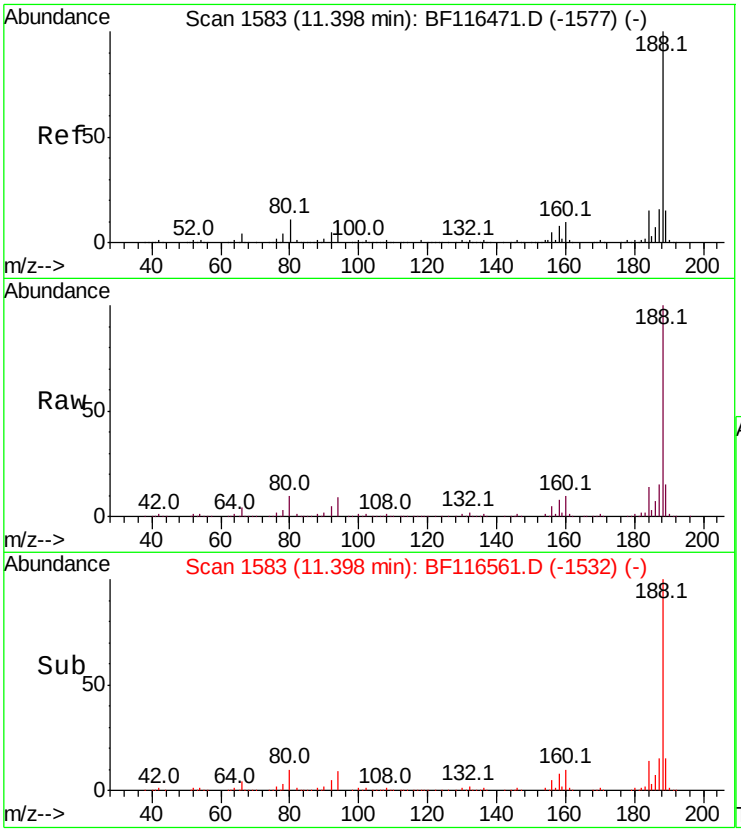


#57
2,4-Dinitrotoluene
Concen: 6.996 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.18 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion:165 Resp: 28958

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.9	55.3#
89	1.6	63.4	95.0#
182	0.0	2.1	3.1#



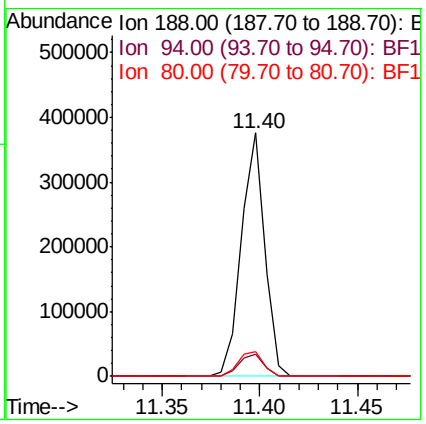


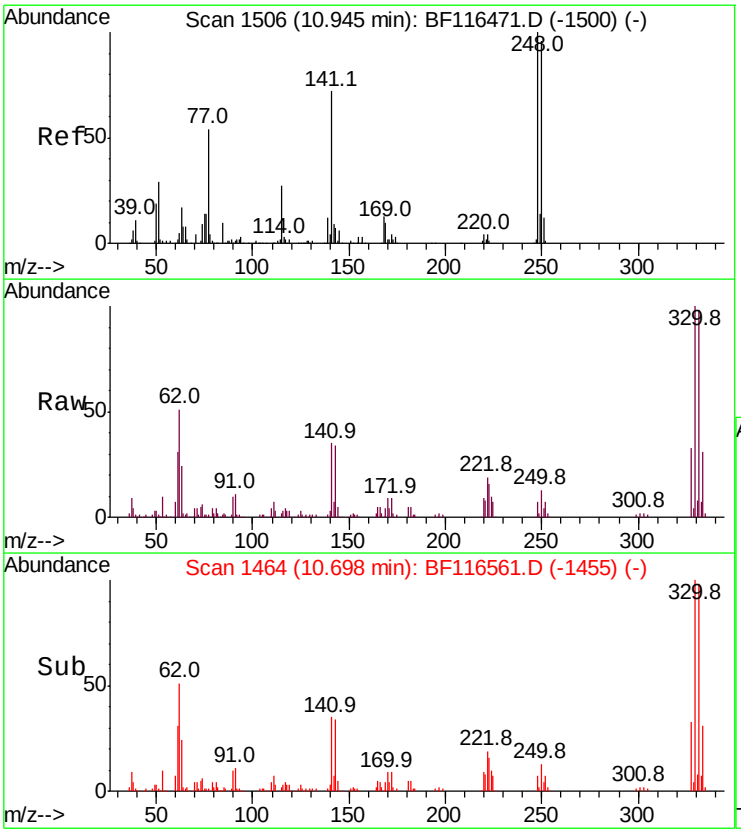
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 313001

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	10.3	8.6	12.8

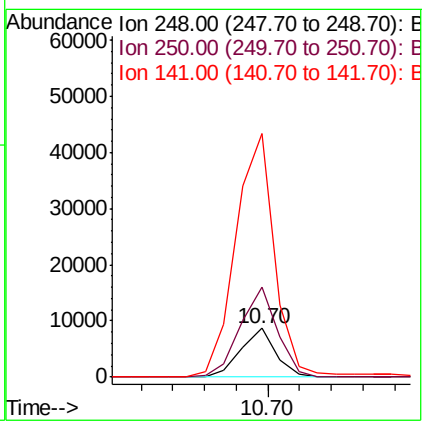


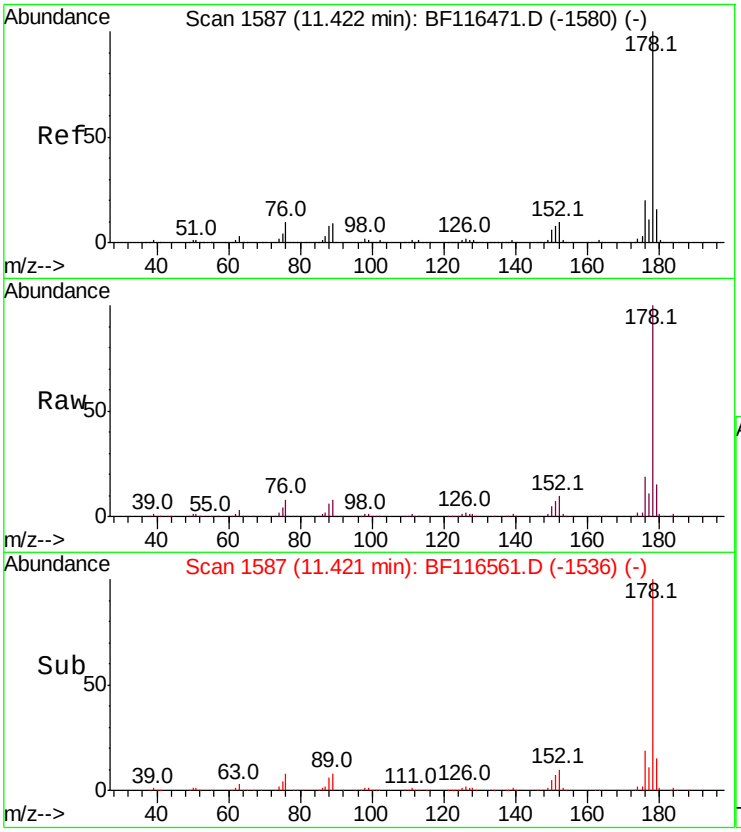


#67
4-Bromophenyl-phenylether
Concen: 2.013 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion:248 Resp: 6605

Ion	Ratio	Lower	Upper
248	100		
250	185.8	77.0	115.6#
141	499.6	57.4	86.0#



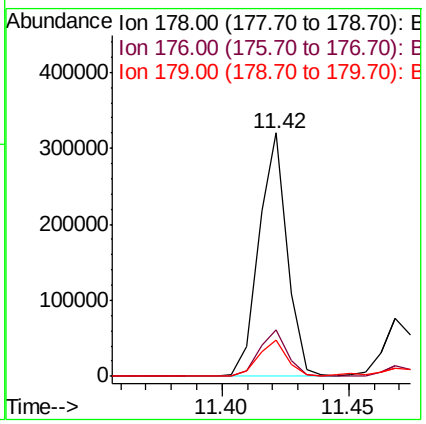


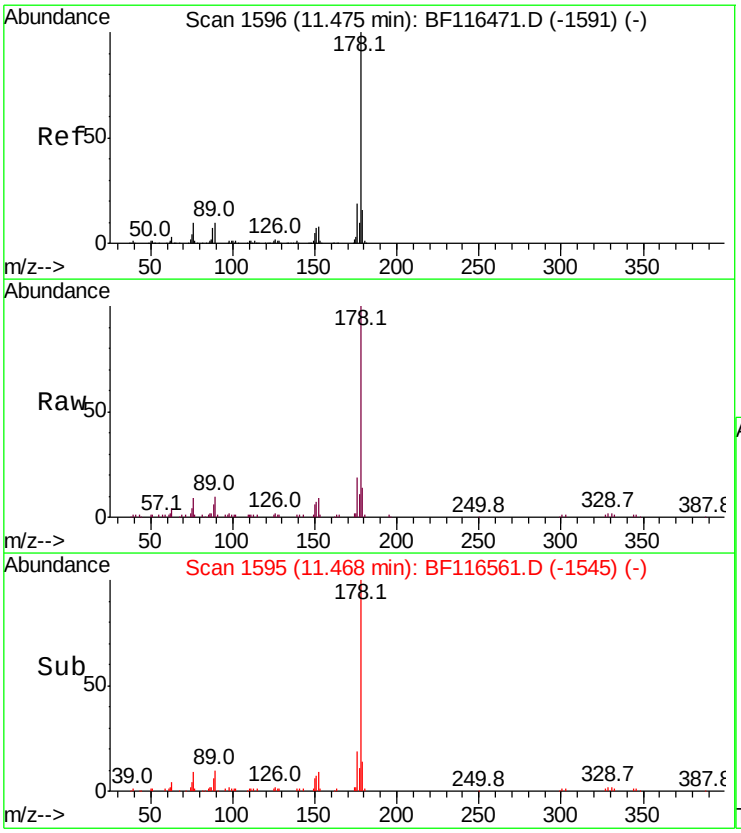
#71
Phenanthrene
Concen: 14.479 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 246888

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.1	12.8	19.2

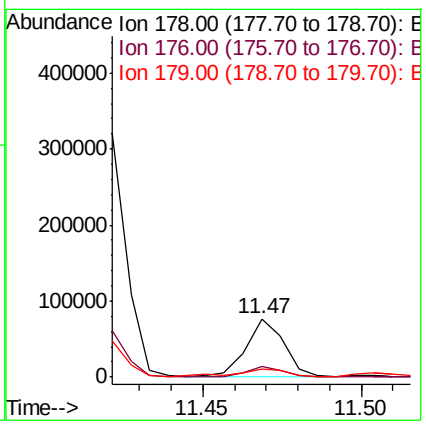


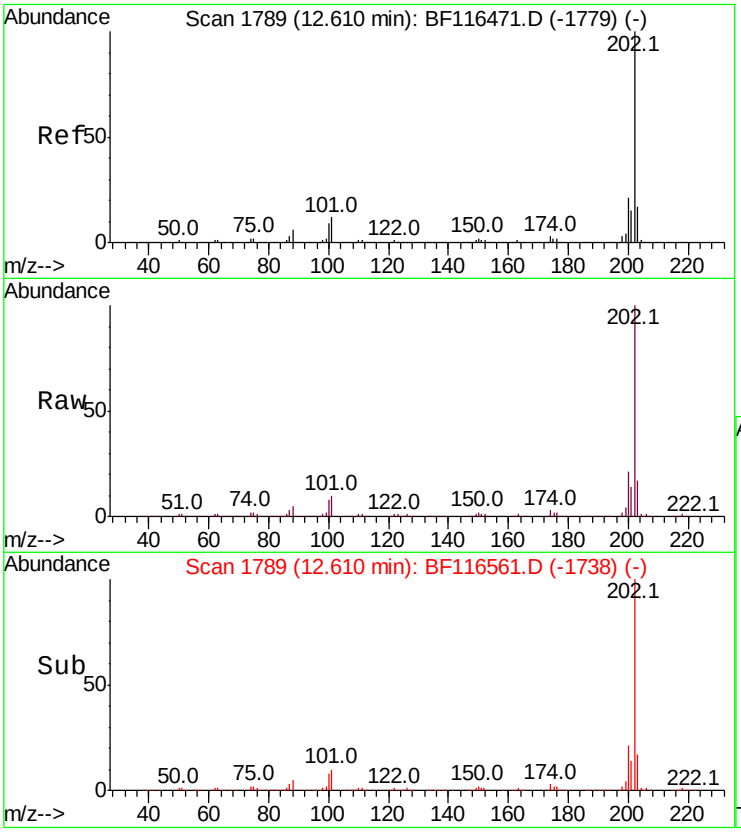


#72
Anthracene
Concen: 3.592 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion:178 Resp: 61539

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	14.5	12.5	18.7



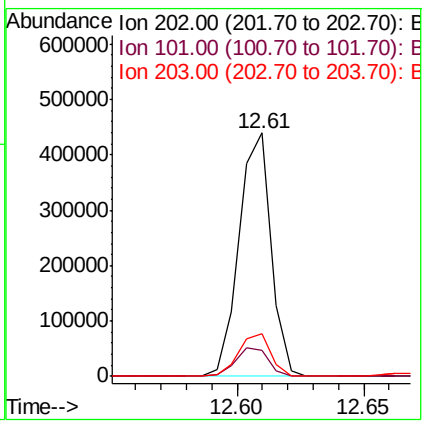


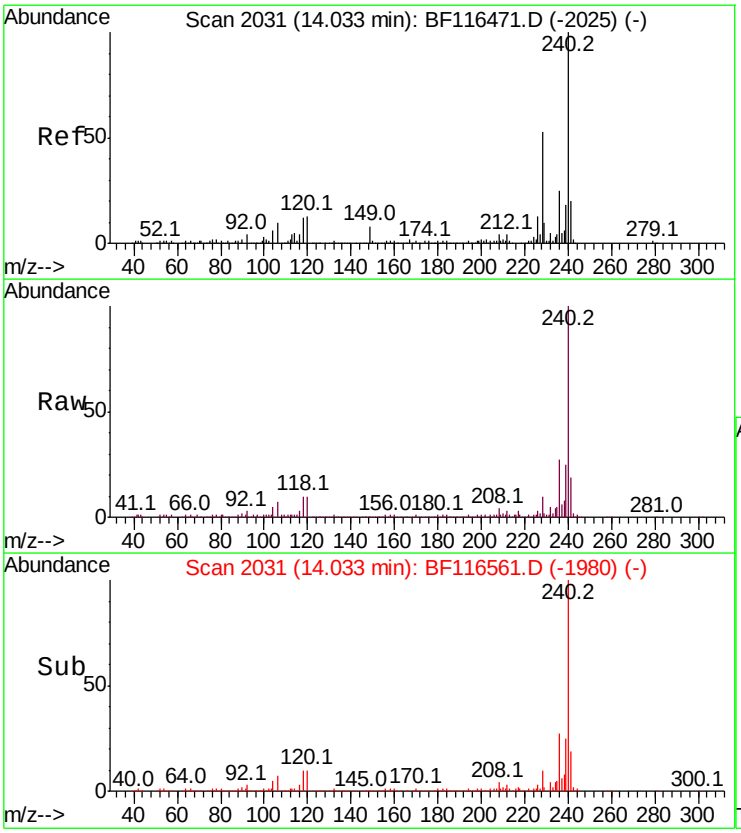
#75
Fluoranthene
Concen: 21.789 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 384100

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.5
203	17.4	0.0	37.5

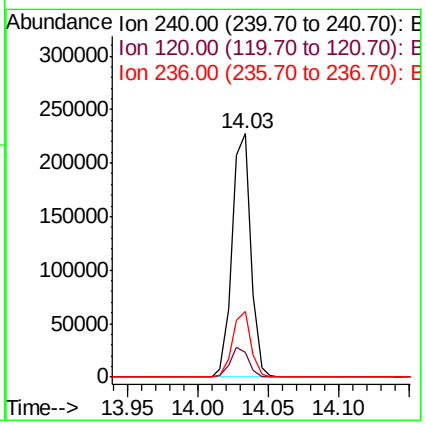


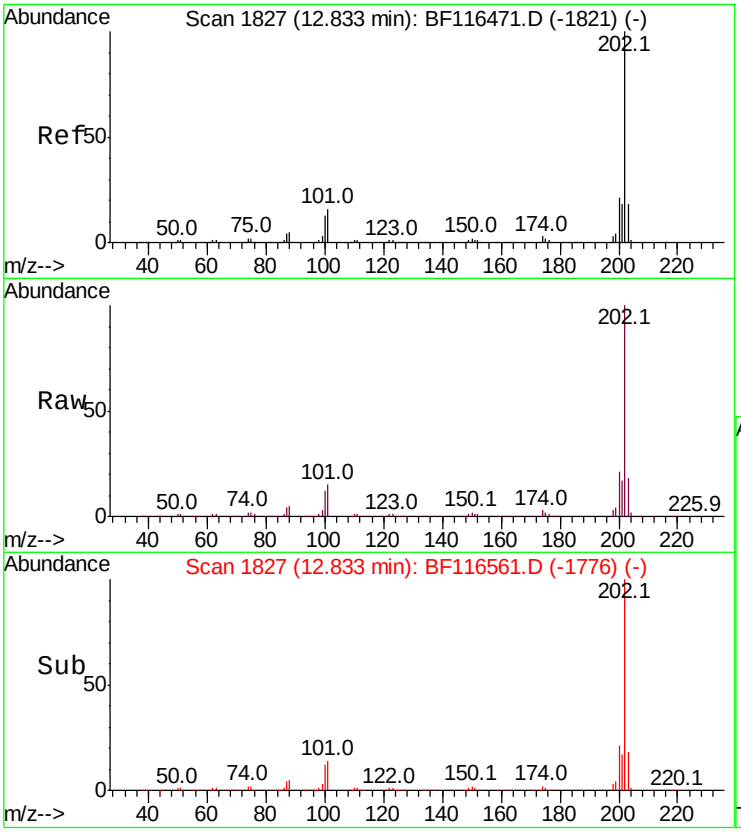


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion:240 Resp: 211098

Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.5	15.7#
236	27.0	20.2	30.2



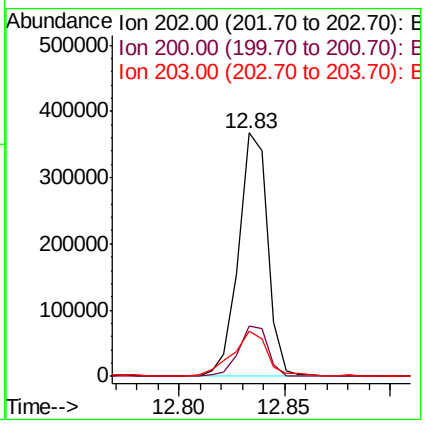


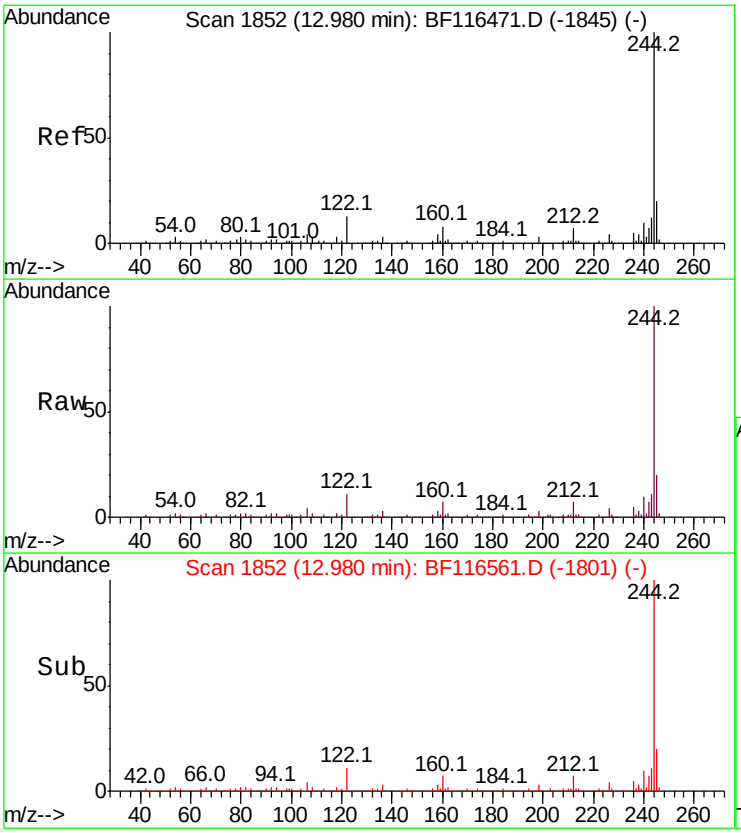
#78
Pyrene
Concen: 20.831 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 351667

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	18.4	14.2	21.4

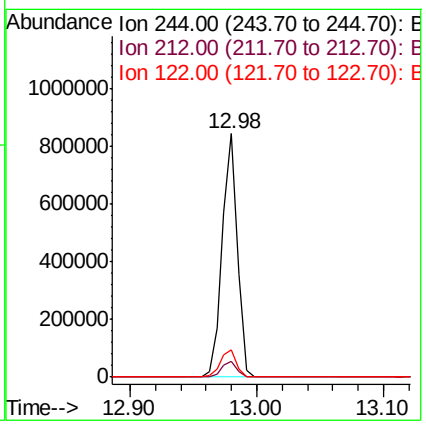


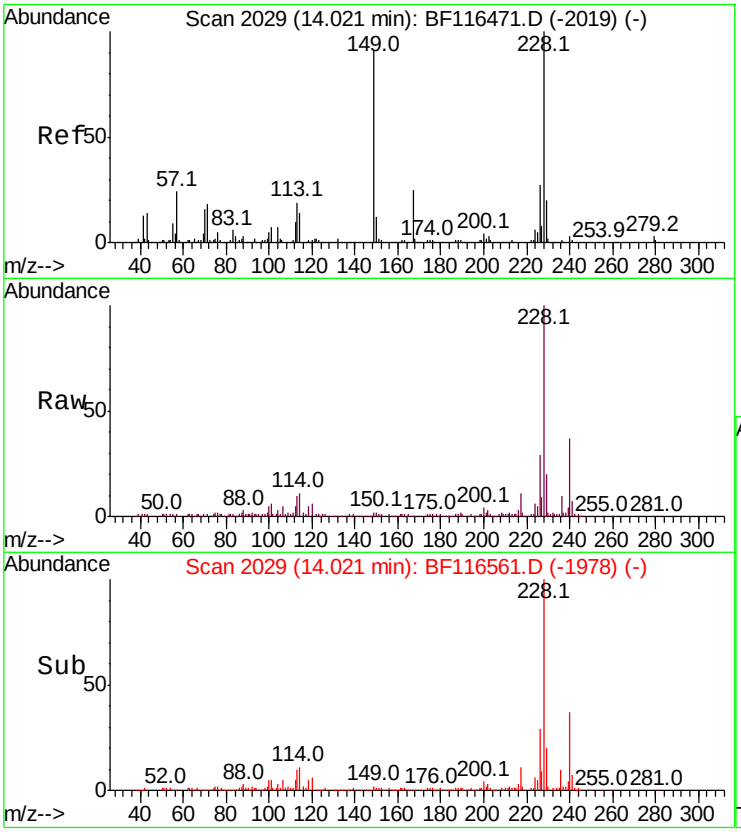


#79
Terphenyl-d14
Concen: 62.121 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion:244 Resp: 702049

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.3	10.2	15.4



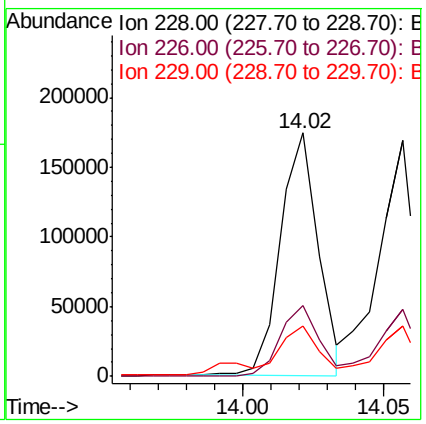


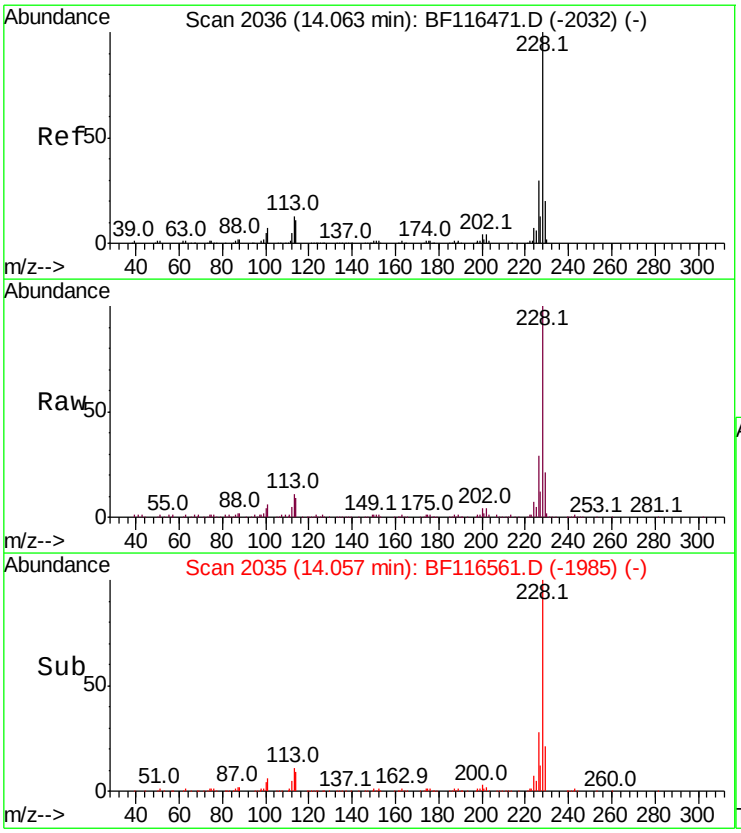
#81
Benzo(a)anthracene
Concen: 11.843 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 161923

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.8	32.6
229	20.4	15.9	23.9

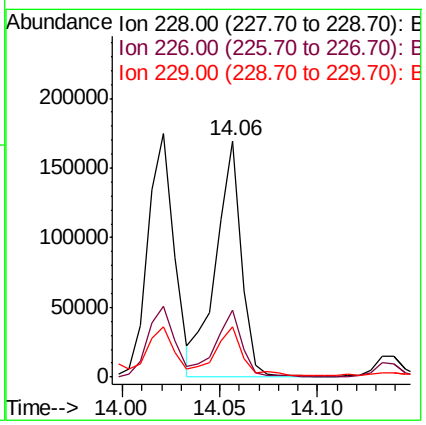


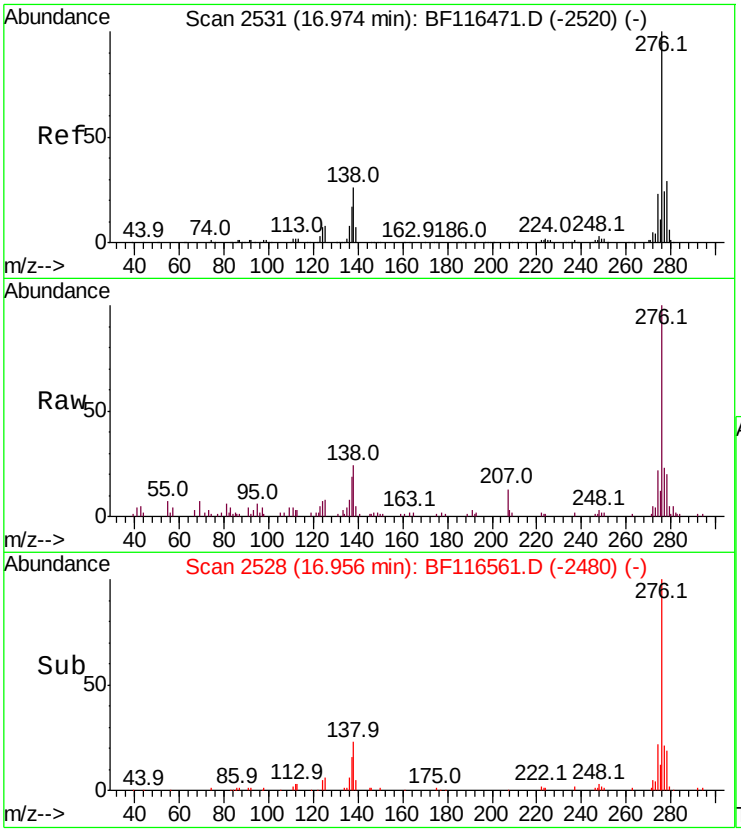


#83
Chrysene
Concen: 11.007 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion:228 Resp: 152536

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.2	36.2
229	21.4	15.8	23.6



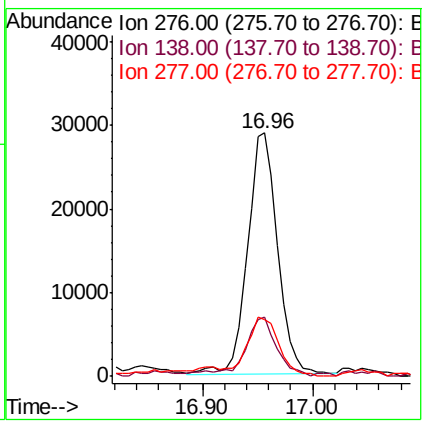


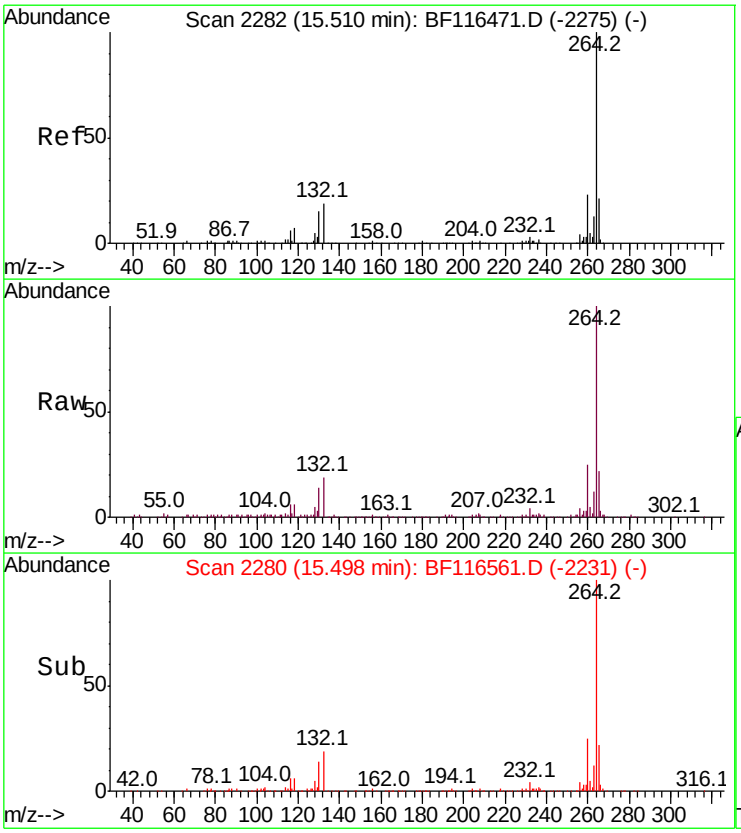
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.625 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 54904

Ion	Ratio	Lower	Upper
276	100		
138	26.1	22.9	34.3
277	26.5	19.9	29.9

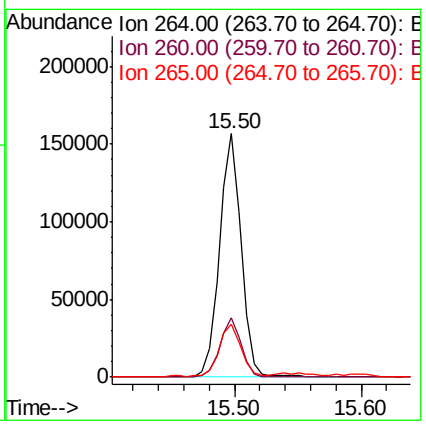


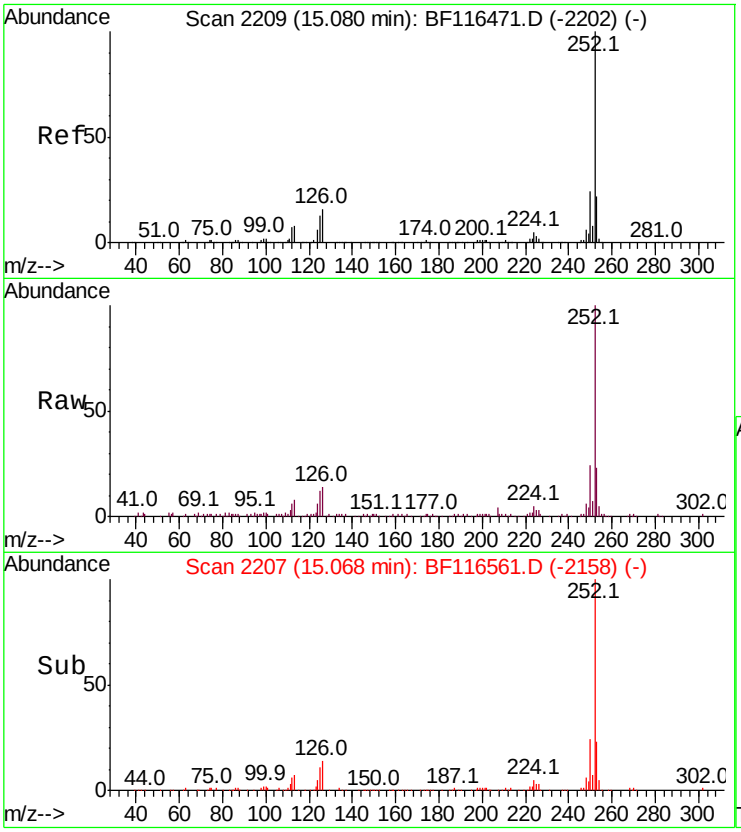


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion:264 Resp: 185447

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



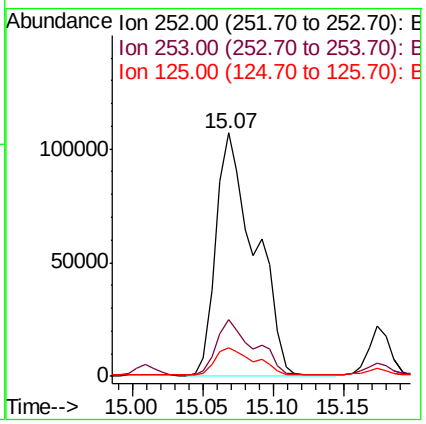


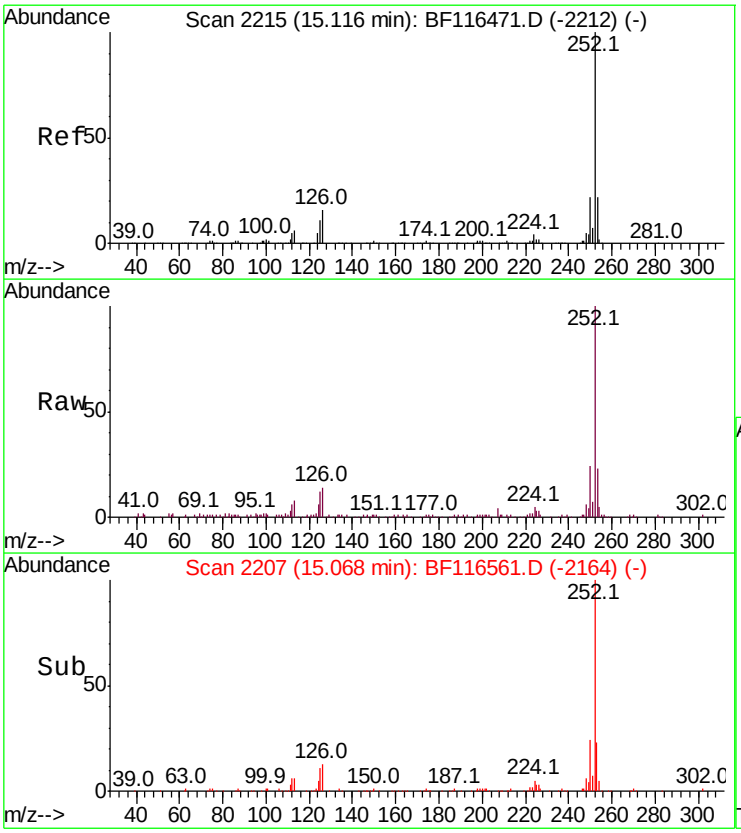
#88
Benzo(b)fluoranthene
Concen: 17.898 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 205038

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	11.8	10.1	15.1

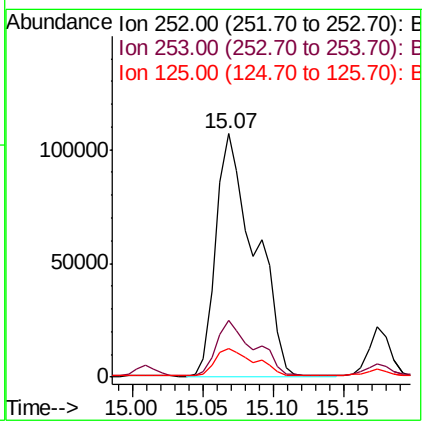


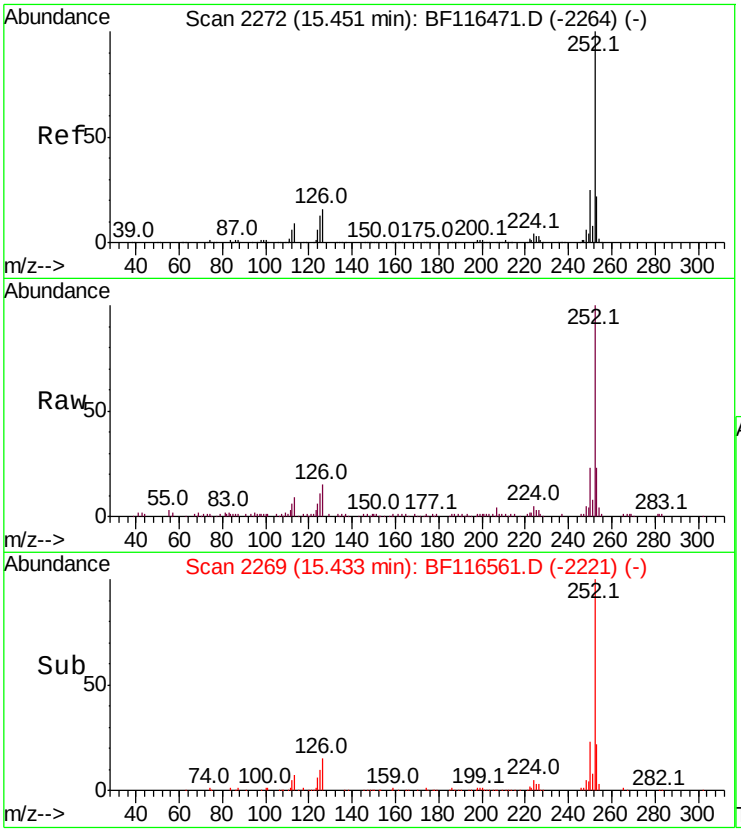


#89
Benzo(k)fluoranthene
Concen: 19.756 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.05 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion:252 Resp: 205038

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	11.8	9.1	13.7



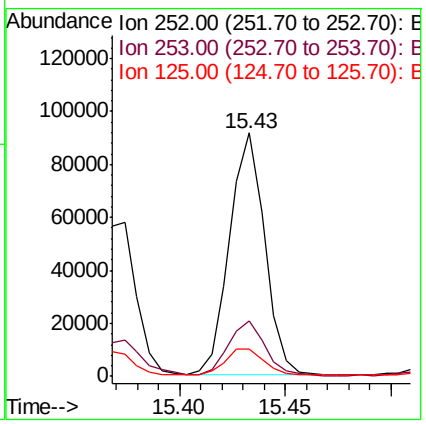


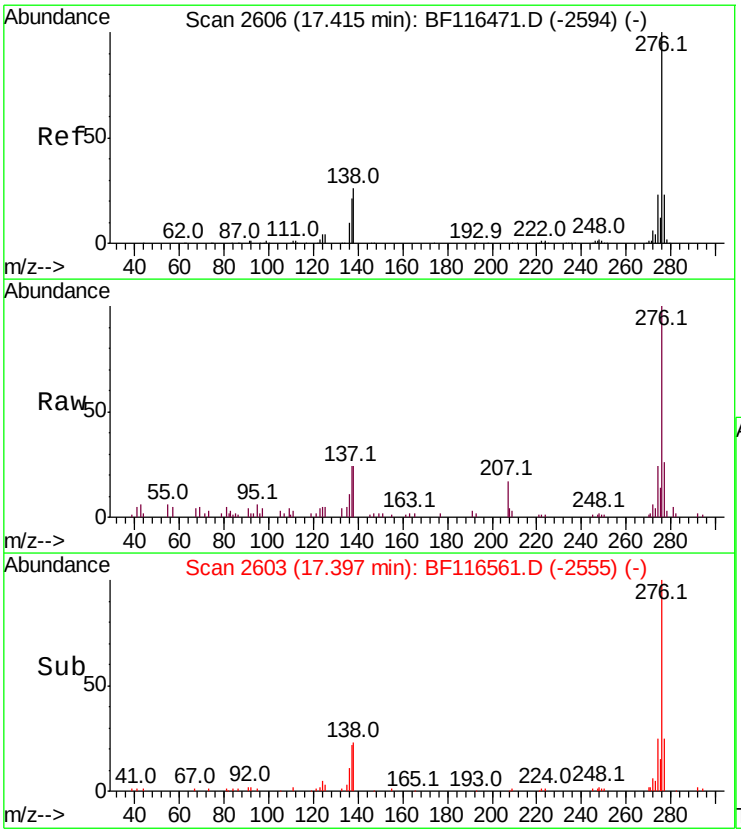
#90
Benzo(a)pyrene
Concen: 10.434 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 105641

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	11.1	10.2	15.4





#92
Benzo(g,h,i)perylene
Concen: 6.581 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion:276 Resp: 52198

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.7	28.1
138	23.6	20.8	31.2