Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
Data File : BF115712.D
Acq On : 22 Jul 2019 16:33
Operator : HP/JU
Sample : K3622-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 23 01:17:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	174050	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	672443	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	335403	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	513783	20.00	ng		0.00
76) Chrysene-d12	14.04	240	413219	20.00	ng		0.00
87) Perylene-d12	15.53	264	408624	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	411234	38.65	ng		0.00
7) Phenol-d6	6.50	99	547406	40.54	ng		-0.01
23) Nitrobenzene-d5	7.43	82	324084	28.02	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	125206	31.98	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	573765	29.94	ng		-0.02
79) Terphenyl-d14	12.99	244	497065	22.20	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	44695	5.076	ng	#	83
25) Isophorone	7.43	82	314248	13.580	ng	#	64
50) Dimethylphthalate	9.63	163	75860	3.006	ng		98
57) 2,4-Dinitrotoluene	9.92	165	44610	6.004	ng	#	24
71) Phenanthrene	11.43	178	272205	10.336	ng		97
72) Anthracene	11.47	178	82023	3.014	ng		99
75) Fluoranthene	12.62	202	487479	17.516	ng		98
78) Pyrene	12.84	202	473351	13.521	ng		97
81) Benzo(a)anthracene	14.03	228	226059	8.304	ng		99
83) Chrysene	14.07	228	187410	6.858	ng		95
86) Indeno(1,2,3-cd)pyrene	17.01	276	70041	3.017	ng		95
88) Benzo(b)fluoranthene	15.09	252	274191	10.421	ng	#	94
89) Benzo(k)fluoranthene	15.09	252	274191	11.688	ng	#	95
90) Benzo(a)pyrene	15.46	252	150106	6.637	ng	#	92
92) Benzo(g,h,i)perylene	17.46	276	66503	3.359	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
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Acq On : 22 Jul 2019 16:33
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Misc :
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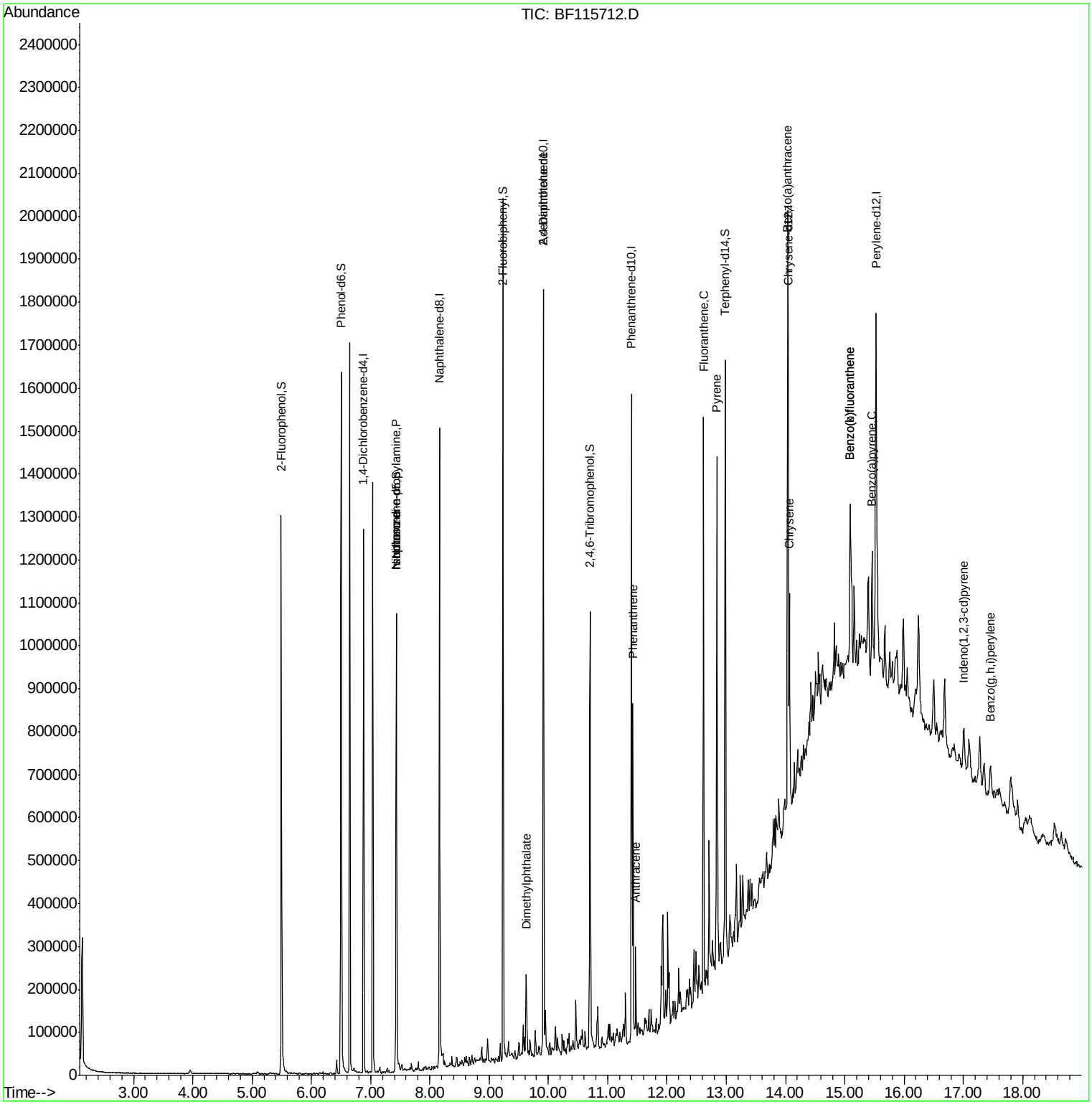
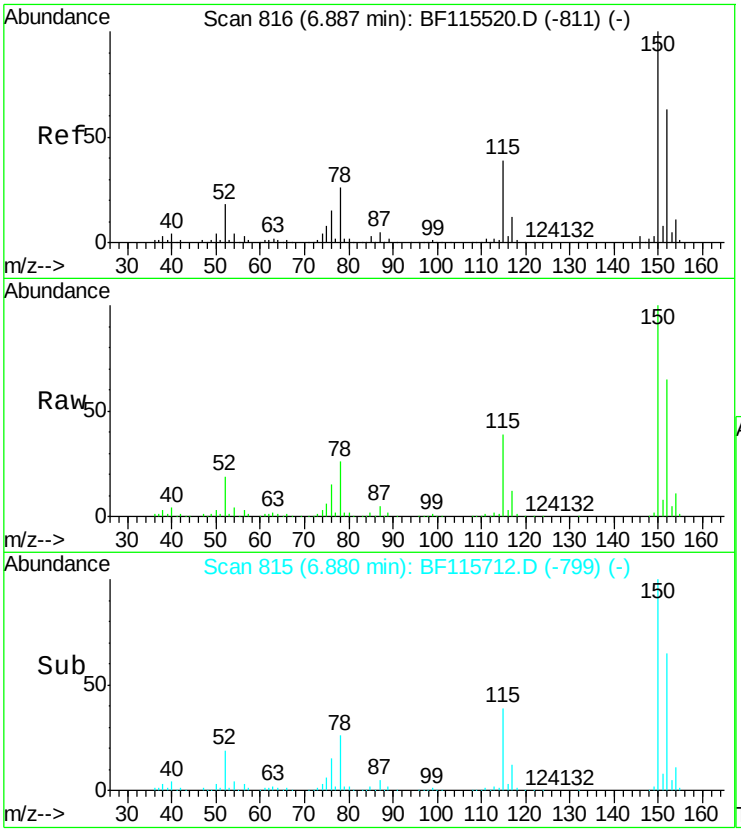
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



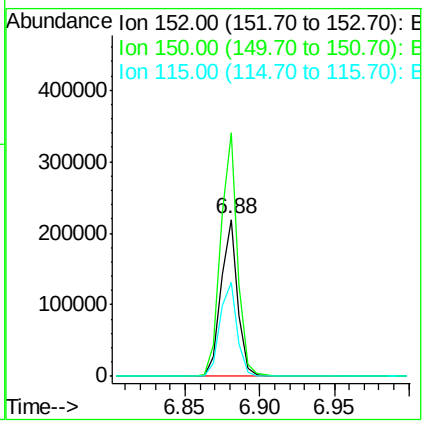


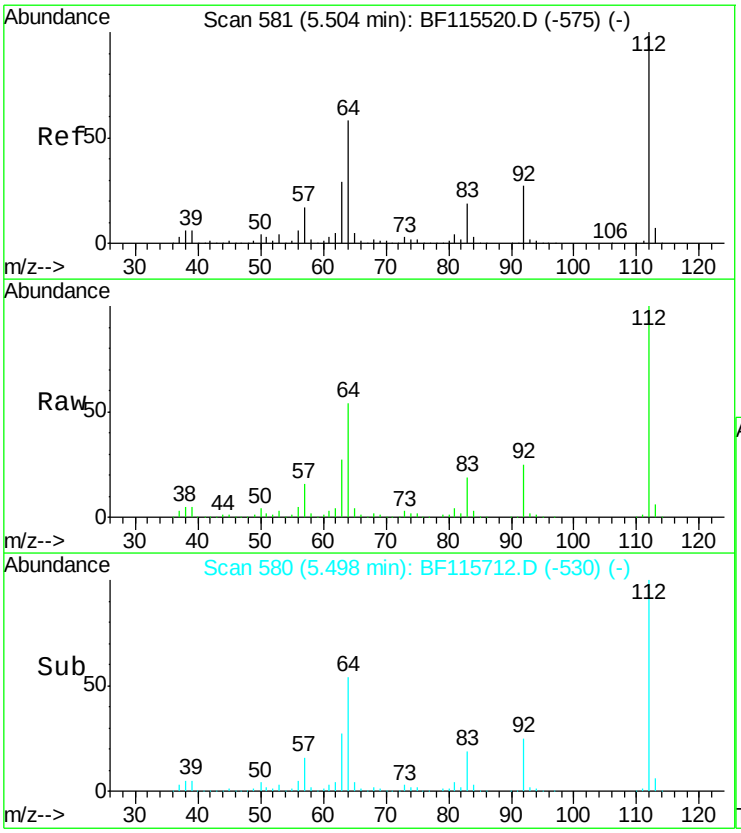
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 174050

Ion	Ratio	Lower	Upper
152	100		
150	154.9	129.7	194.5
115	59.8	48.2	72.4

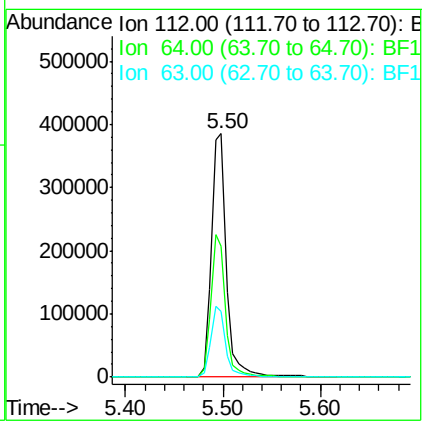


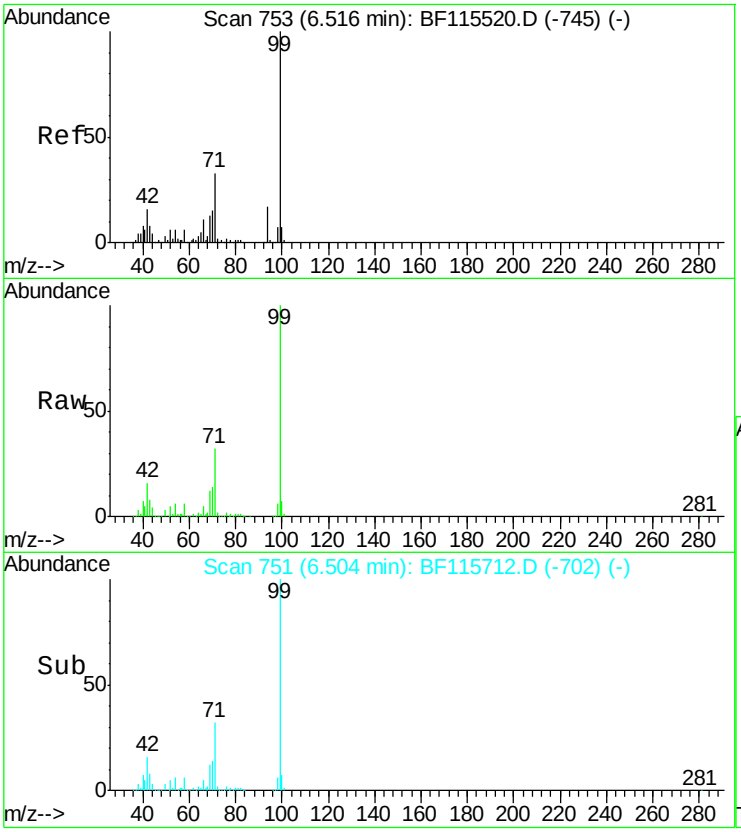


#5
2-Fluorophenol
Concen: 38.647 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Tgt Ion:112 Resp: 411234

Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.8	70.2
63	27.2	24.1	36.1



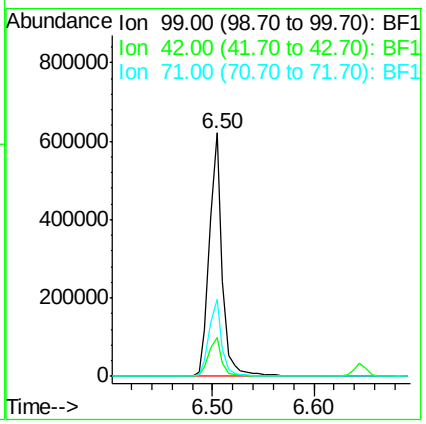


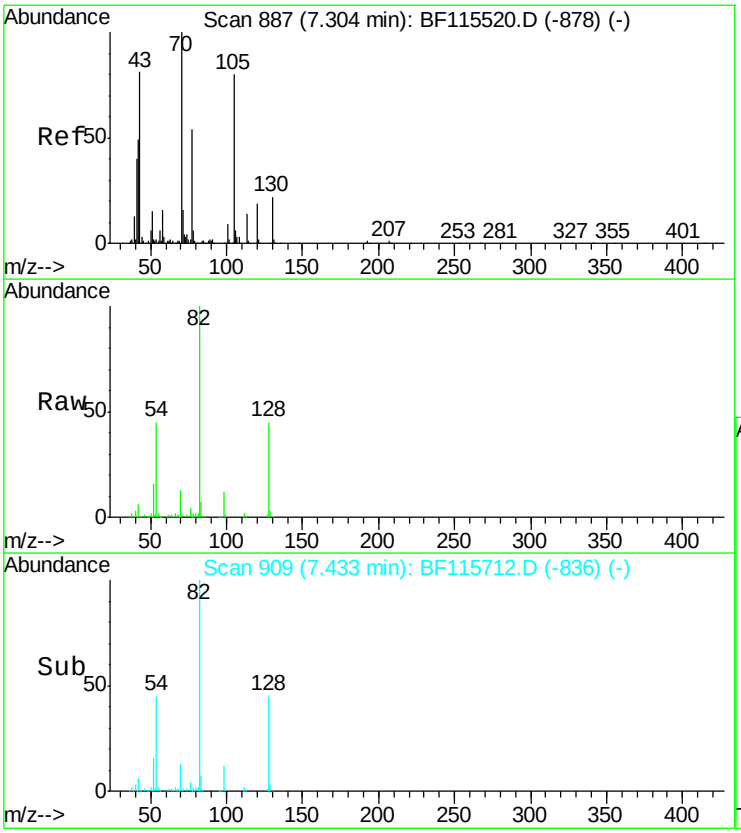
#7
Phenol-d6
Concen: 40.543 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 547406

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.6	20.4
71	31.8	28.5	42.7

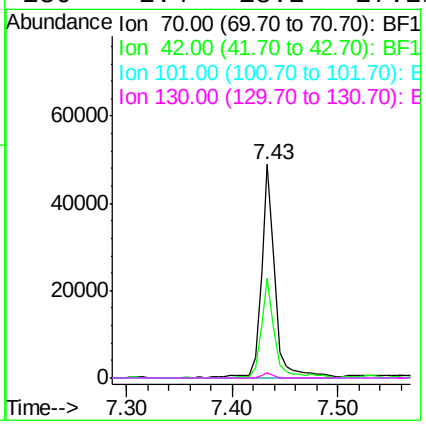


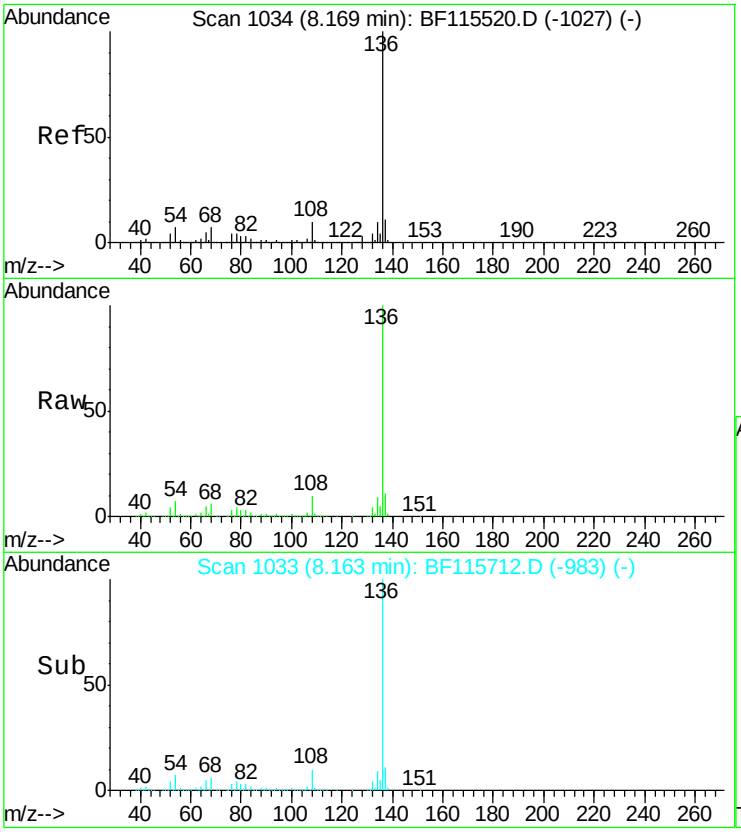


#19
n-Nitroso-di-n-propylamine
Concen: 5.076 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.13 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Tgt Ion: 70 Resp: 44695

Ion	Ratio	Lower	Upper
70	100		
42	47.0	39.6	59.4
101	0.0	8.1	12.1#
130	2.4	18.2	27.2#



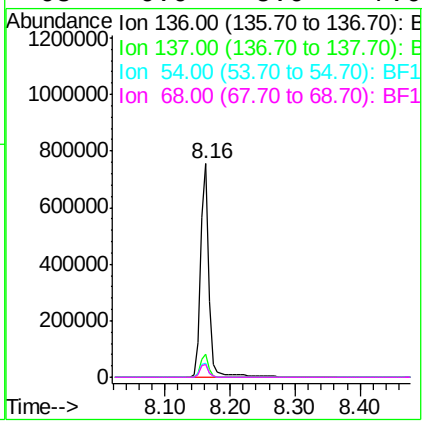


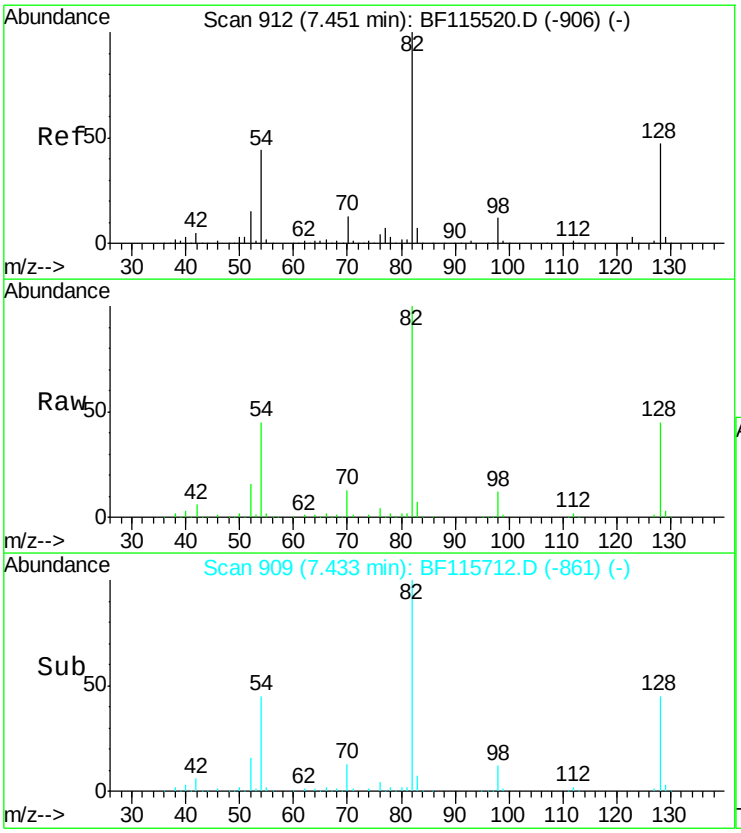
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 672443

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.6	5.6	8.4
68	6.0	5.0	7.6

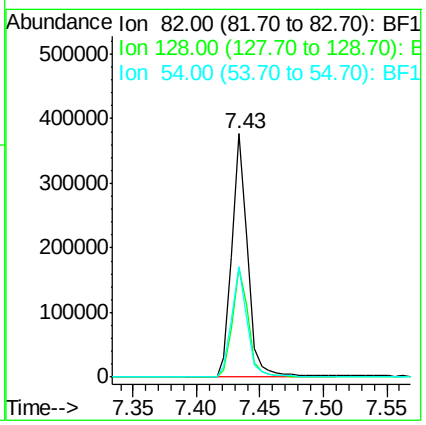


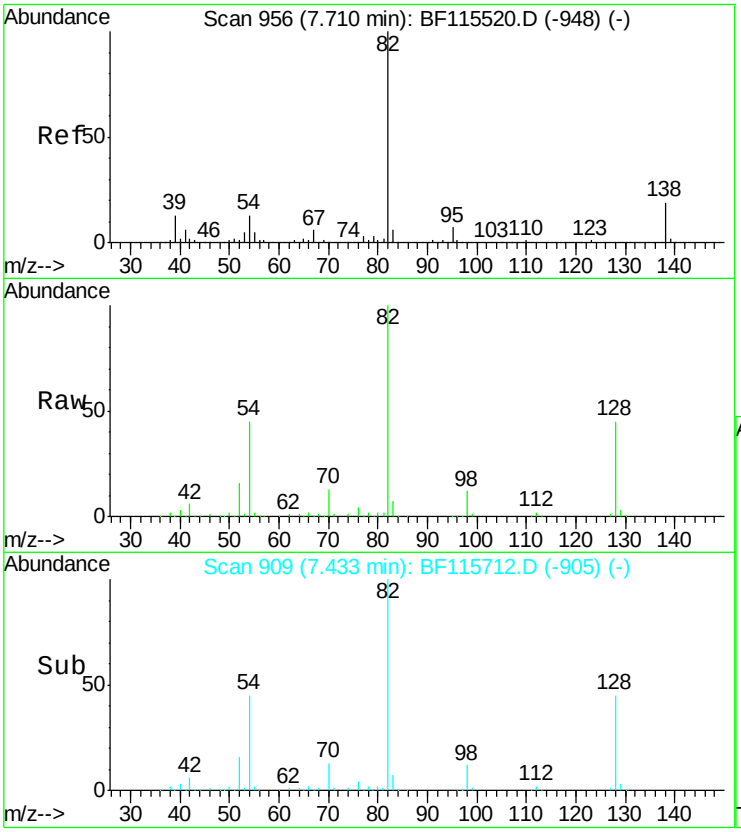


#23
Nitrobenzene-d5
Concen: 28.024 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Tgt Ion: 82 Resp: 324084

Ion	Ratio	Lower	Upper
82	100		
128	44.8	38.6	57.8
54	45.2	35.6	53.4



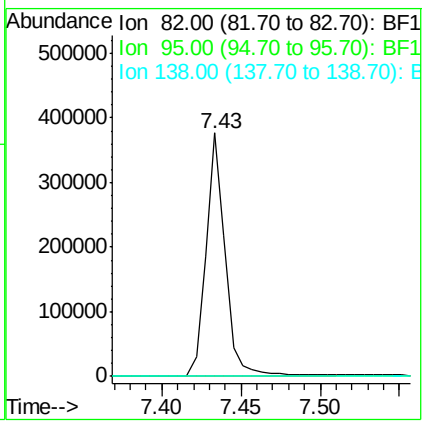


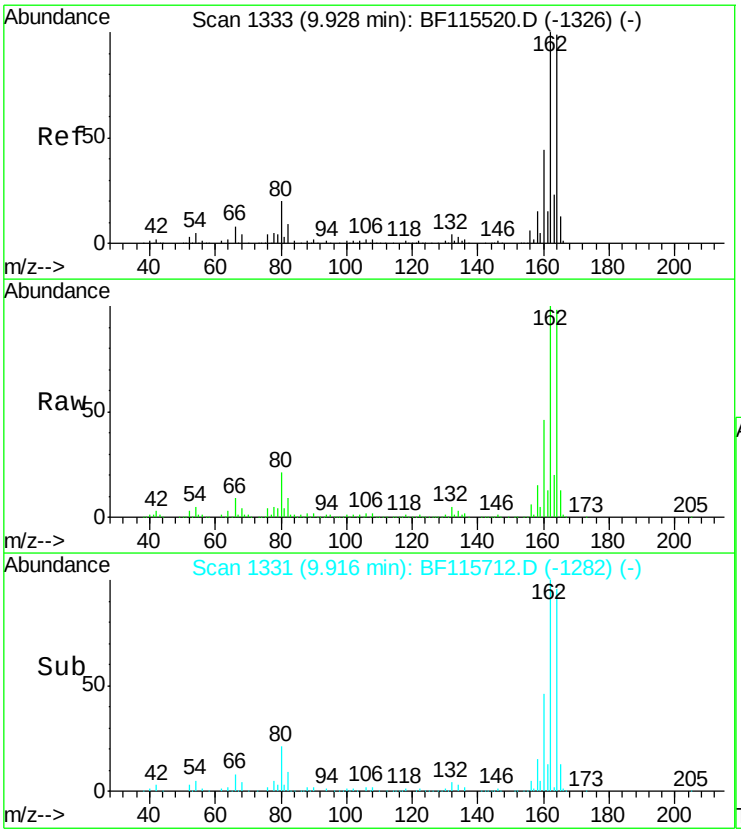
#25
Isophorone
Concen: 13.580 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 314248

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.5	8.3#
138	0.0	14.9	22.3#

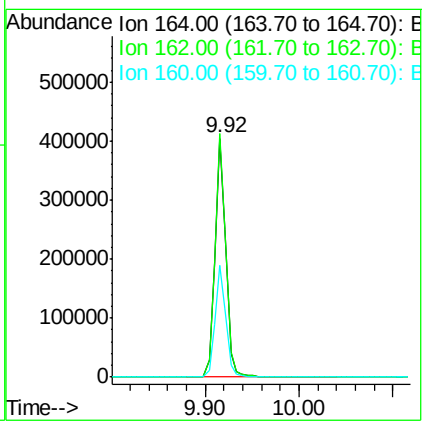


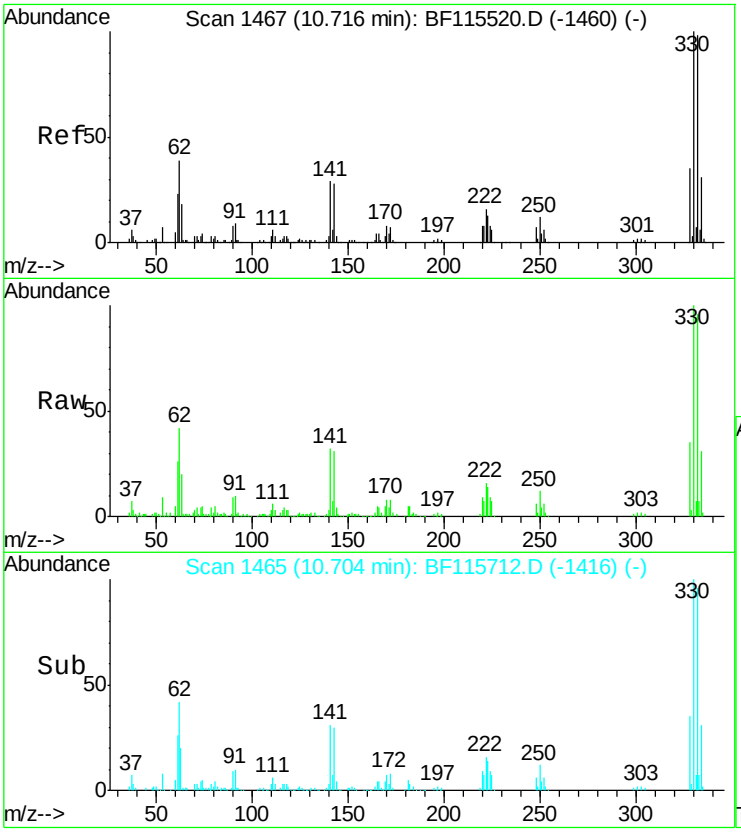


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Tgt Ion:164 Resp: 335403

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.9	124.3
160	46.8	36.8	55.2



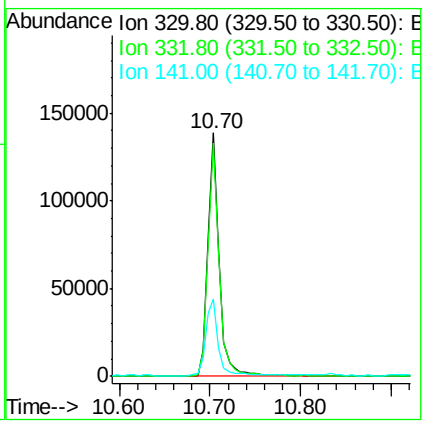


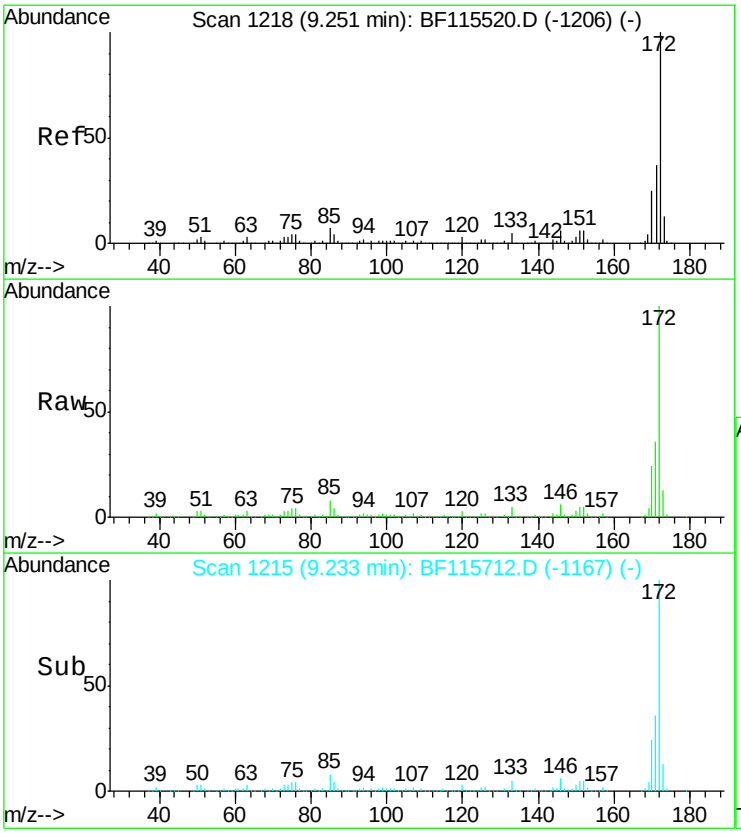
#42
2,4,6-Tribromophenol
Concen: 31.981 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 125206

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.2
141	33.8	22.4	33.6#

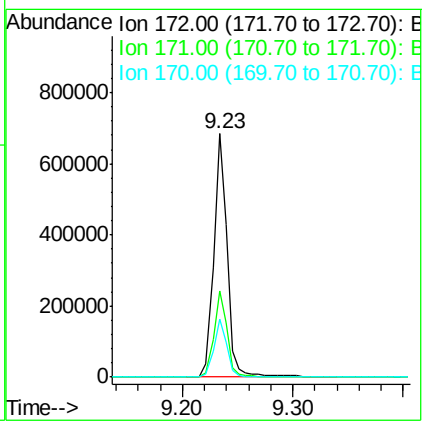


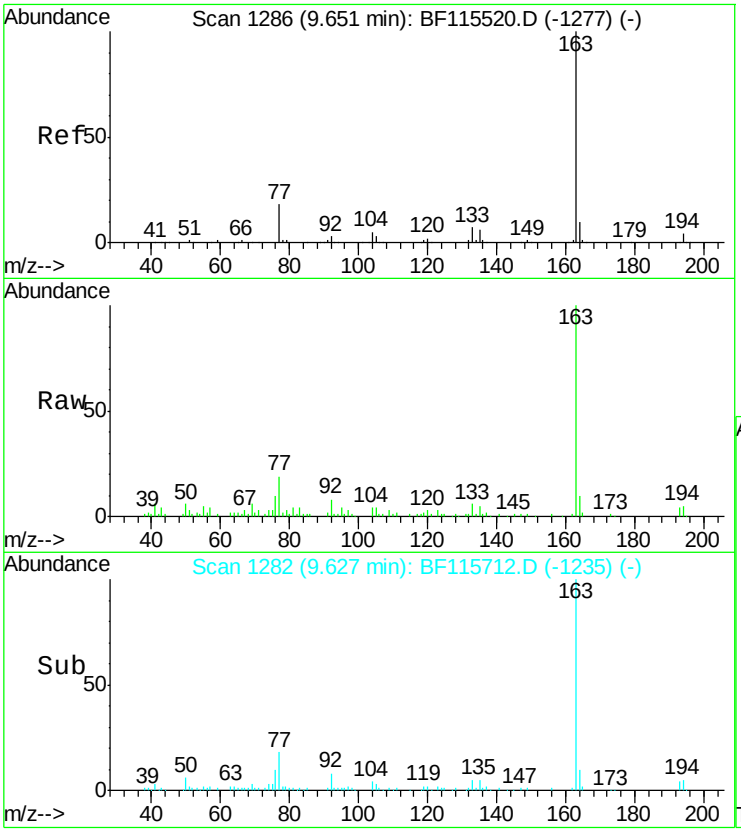


#45
2-Fluorobiphenyl
Concen: 29.942 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Tgt Ion:172 Resp: 573765

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.6	46.0
170	23.8	20.5	30.7



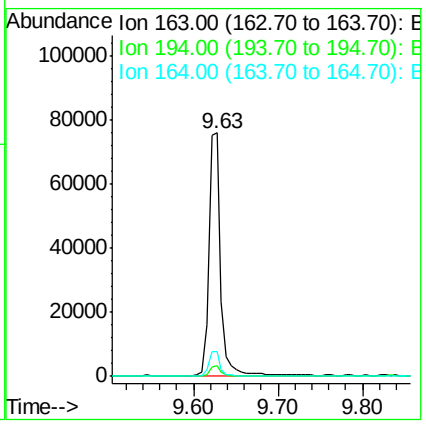


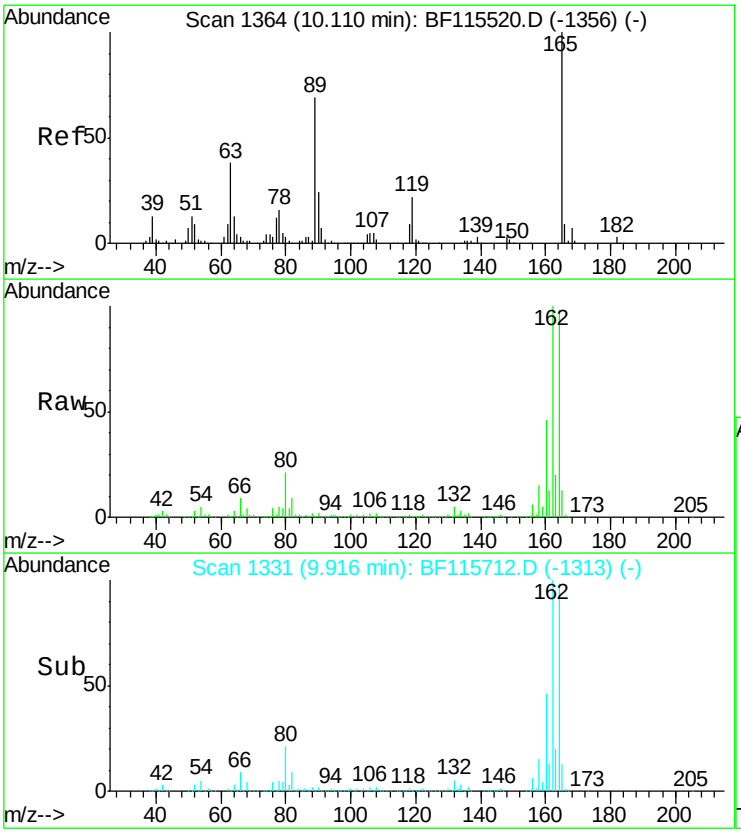
#50
Dimethylphthalate
Concen: 3.006 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 75860

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	10.2	8.7	13.1

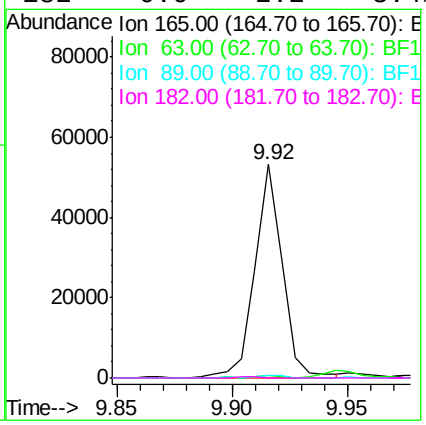


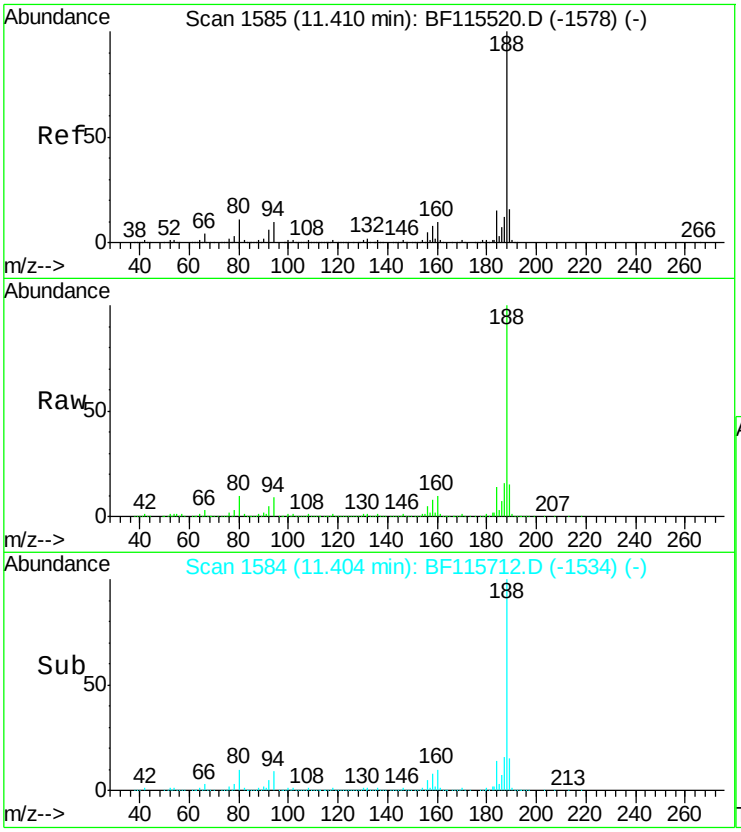


#57
2,4-Dinitrotoluene
Concen: 6.004 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Tgt Ion:165 Resp: 44610

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.9	52.3#
89	1.2	57.5	86.3#
182	0.0	2.2	3.4#



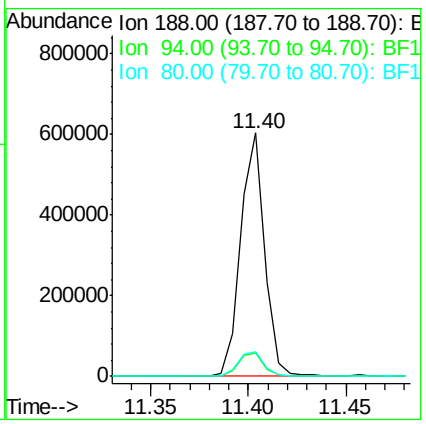


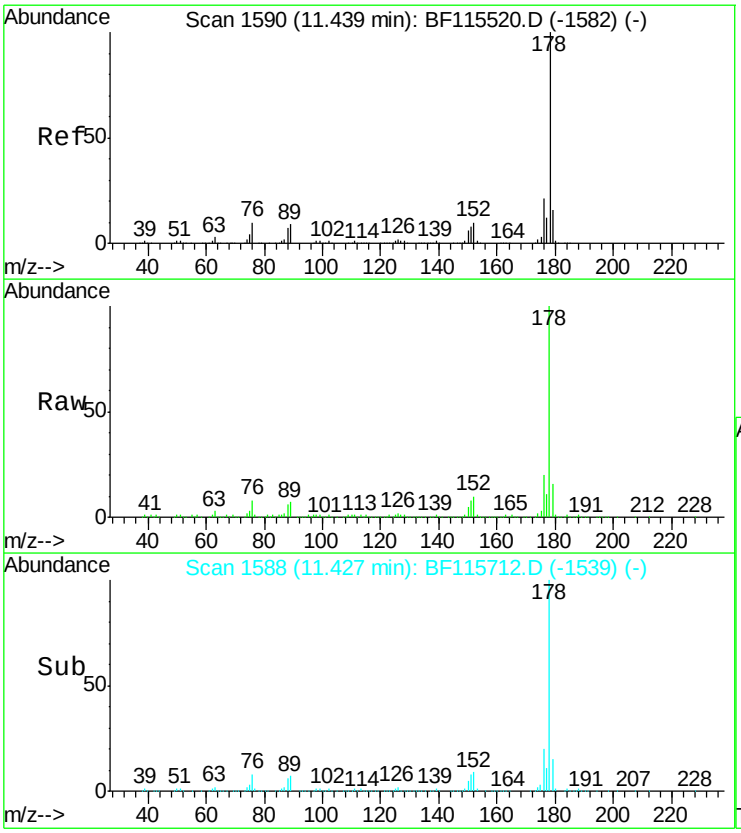
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 513783

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.6
80	9.9	8.6	13.0

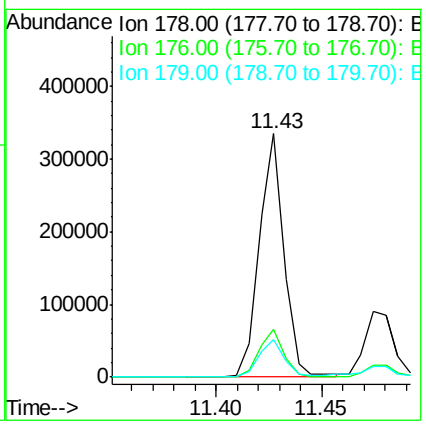


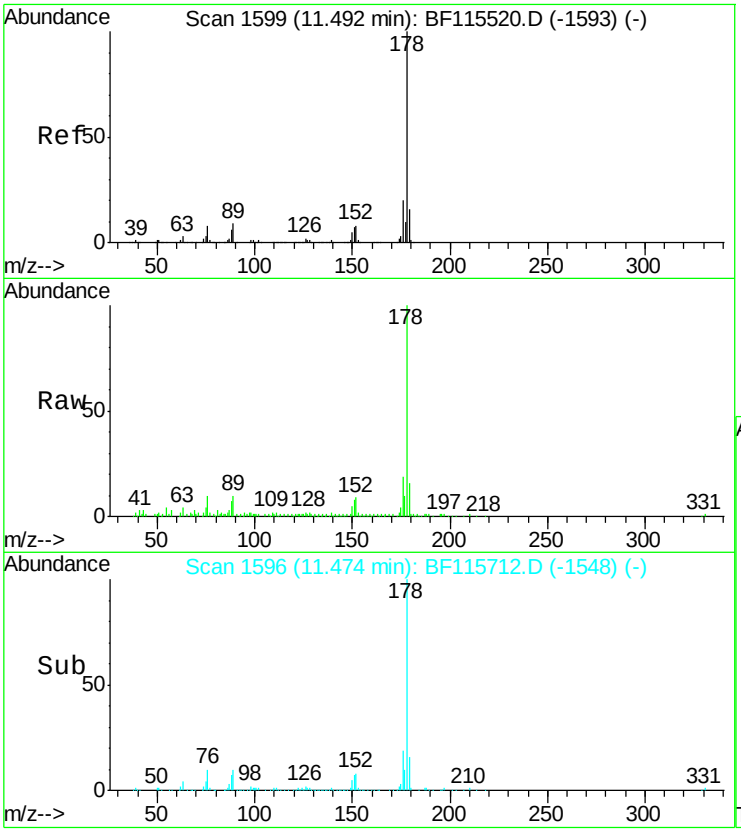


#71
Phenanthrene
Concen: 10.336 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Tgt Ion:178 Resp: 272205

Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.2	25.8
179	15.6	13.5	20.3



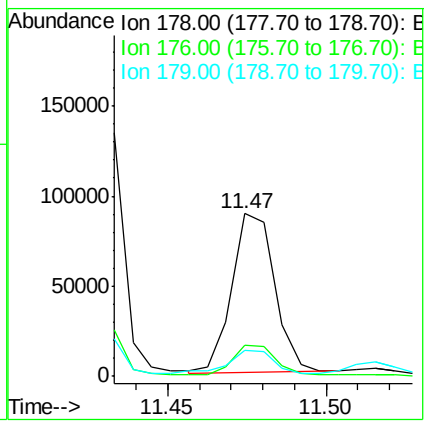


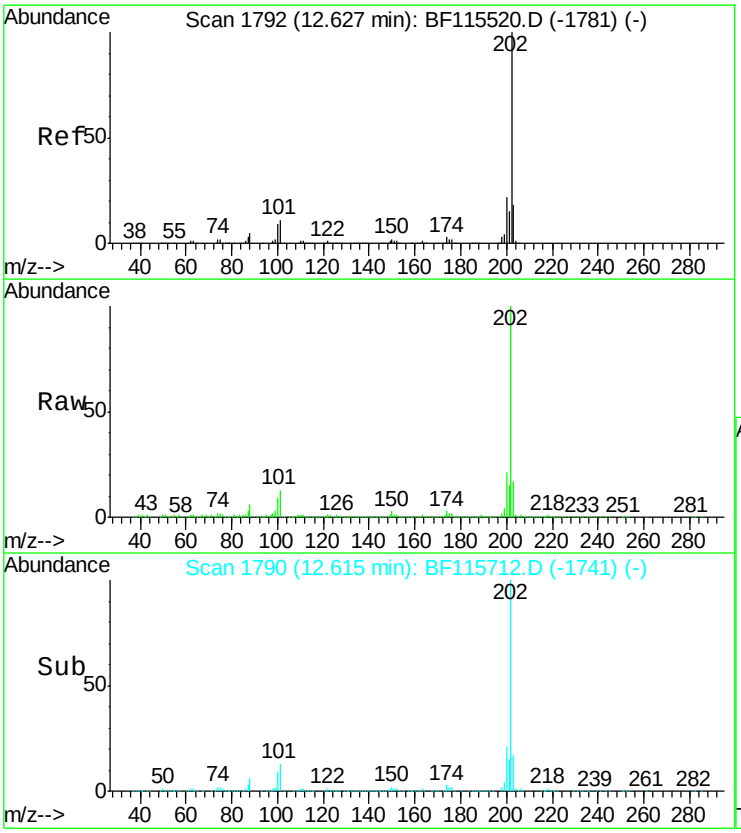
#72
Anthracene
Concen: 3.014 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 82023

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	16.2	12.7	19.1

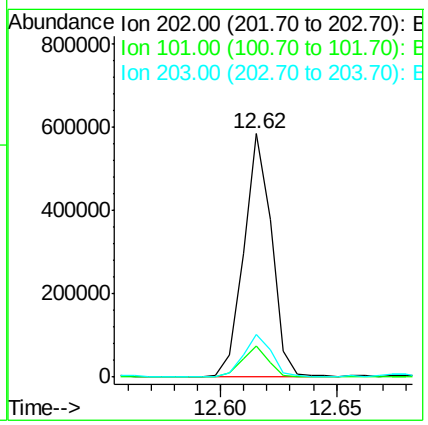


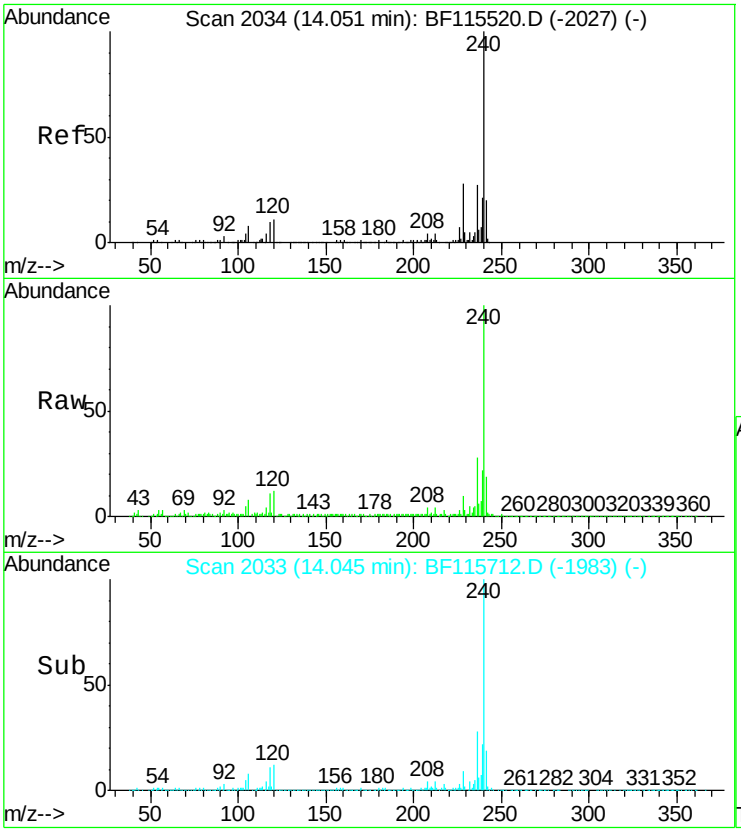


#75
Fluoranthene
Concen: 17.516 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Tgt Ion:202 Resp: 487479

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.4
203	17.4	0.0	38.1



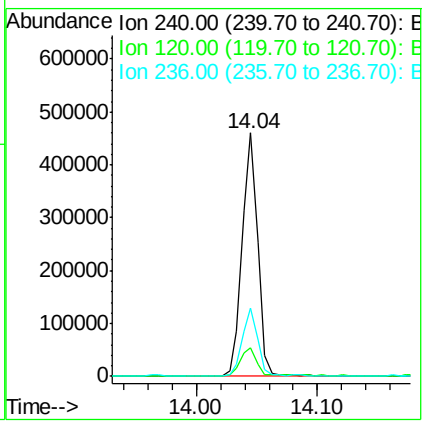


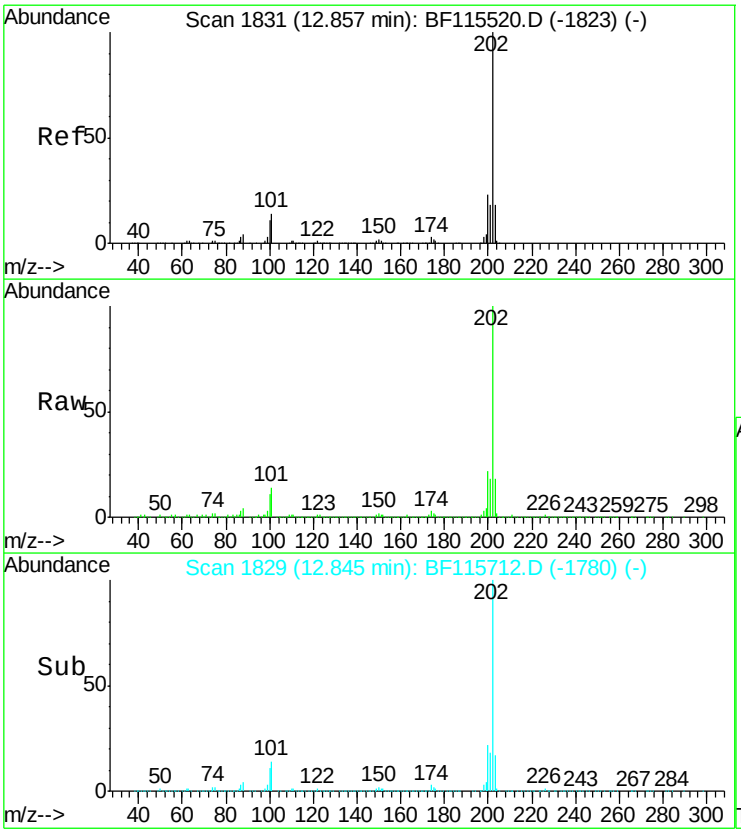
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 413219

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.6	13.0
236	27.8	21.3	31.9

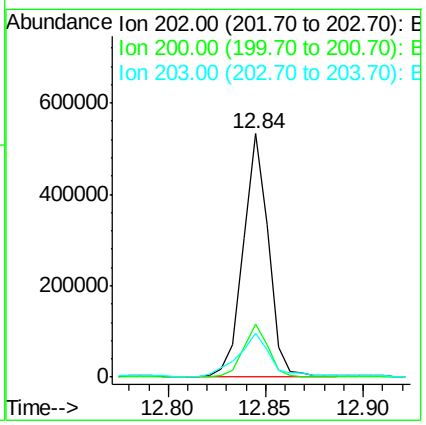


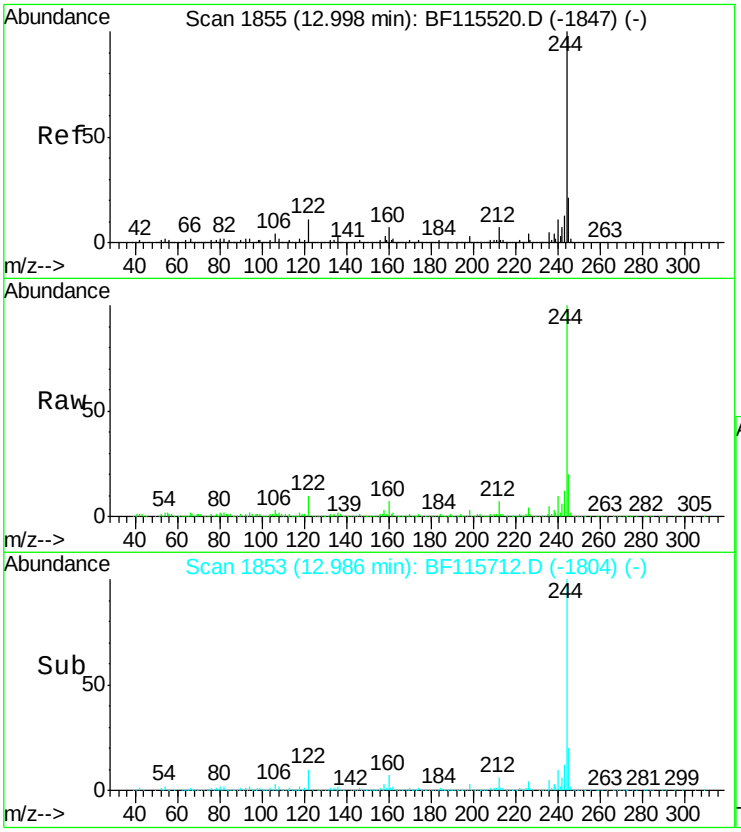


#78
Pyrene
Concen: 13.521 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Tgt Ion:202 Resp: 473351

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.7	28.1
203	18.0	15.2	22.8



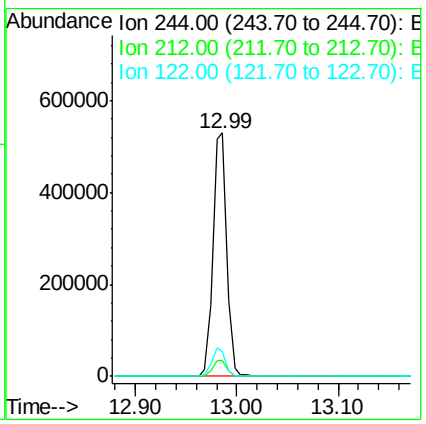


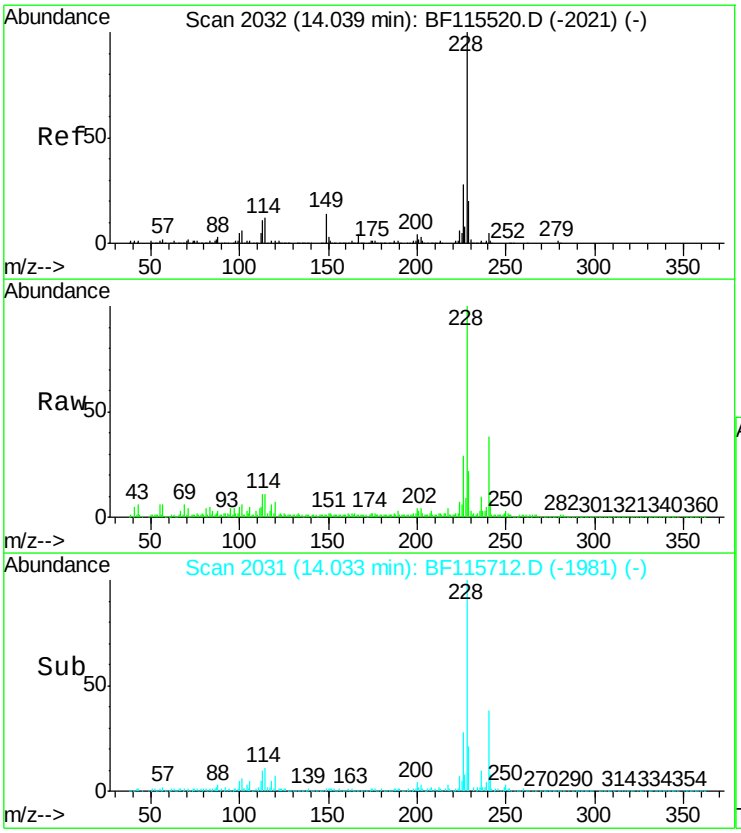
#79
Terphenyl-d14
Concen: 22.196 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 497065

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	10.3	8.6	12.8

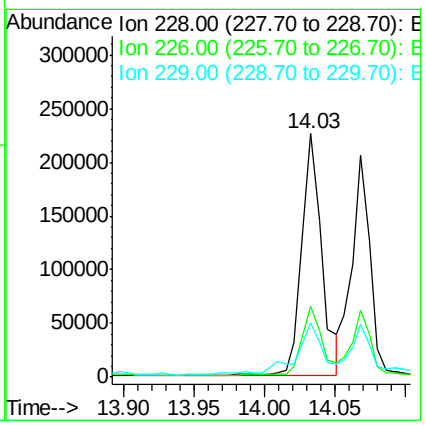


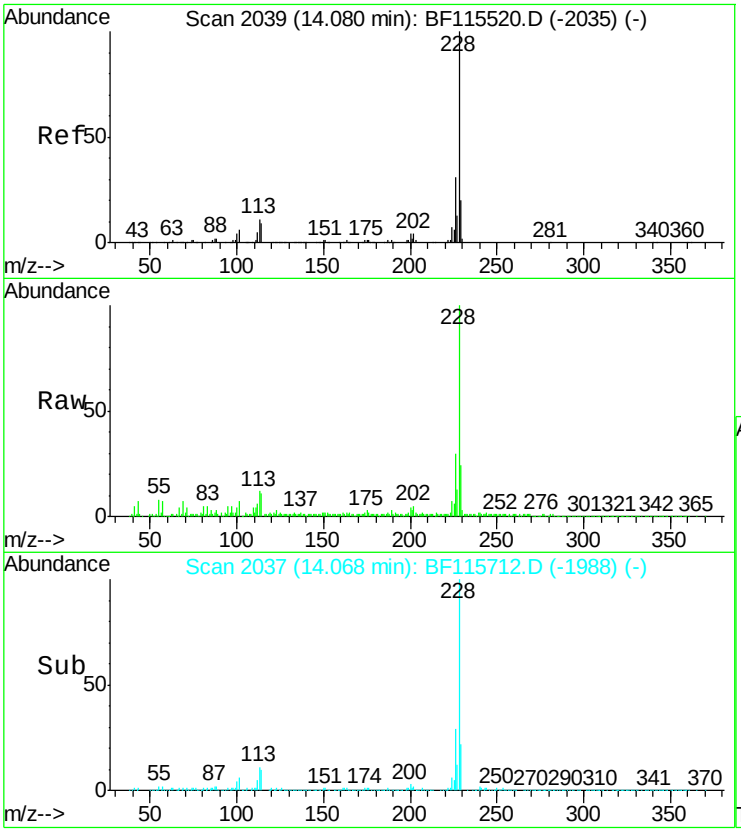


#81
Benzo(a)anthracene
Concen: 8.304 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Tgt Ion:228 Resp: 226059

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	22.1	17.2	25.8



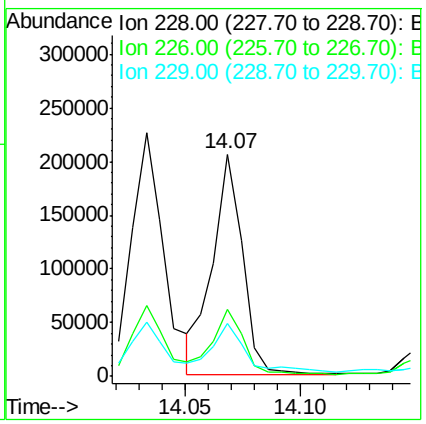


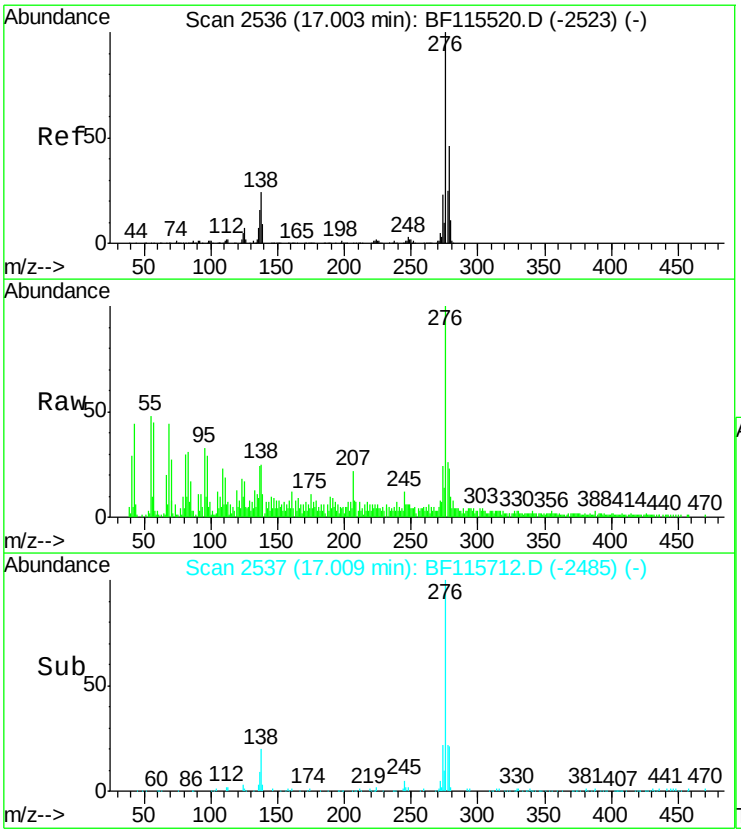
#83
Chrysene
Concen: 6.858 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 187410

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.7	38.5
229	24.0	16.6	25.0

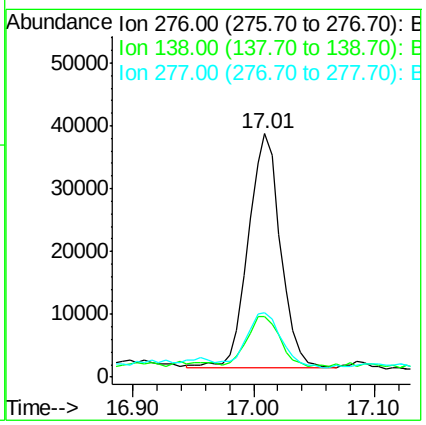


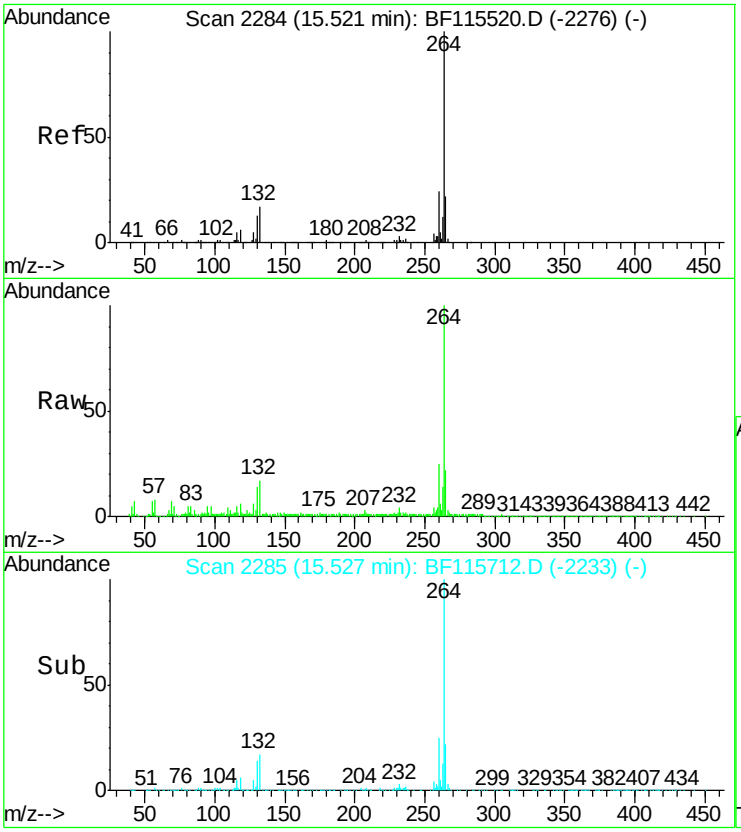


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.017 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Tgt Ion:276 Resp: 70041

Ion	Ratio	Lower	Upper
276	100		
138	21.0	20.2	30.2
277	25.1	20.4	30.6



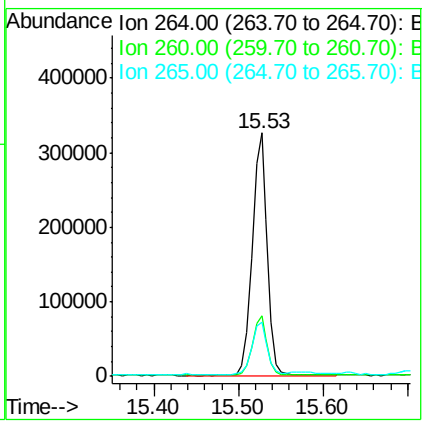


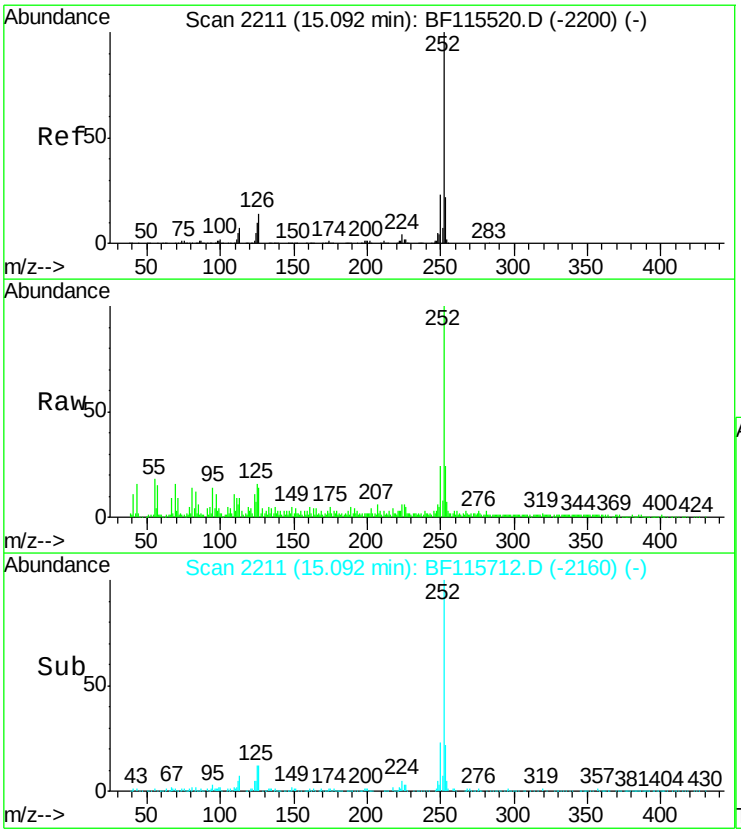
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 408624

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.8
265	22.4	17.7	26.5

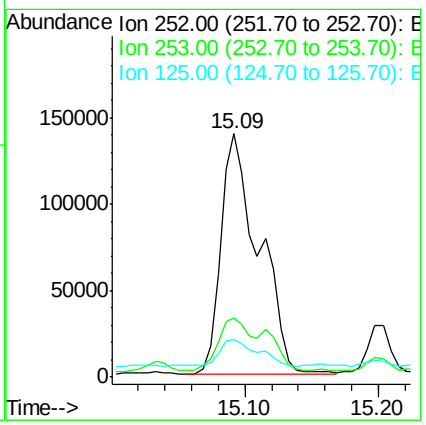


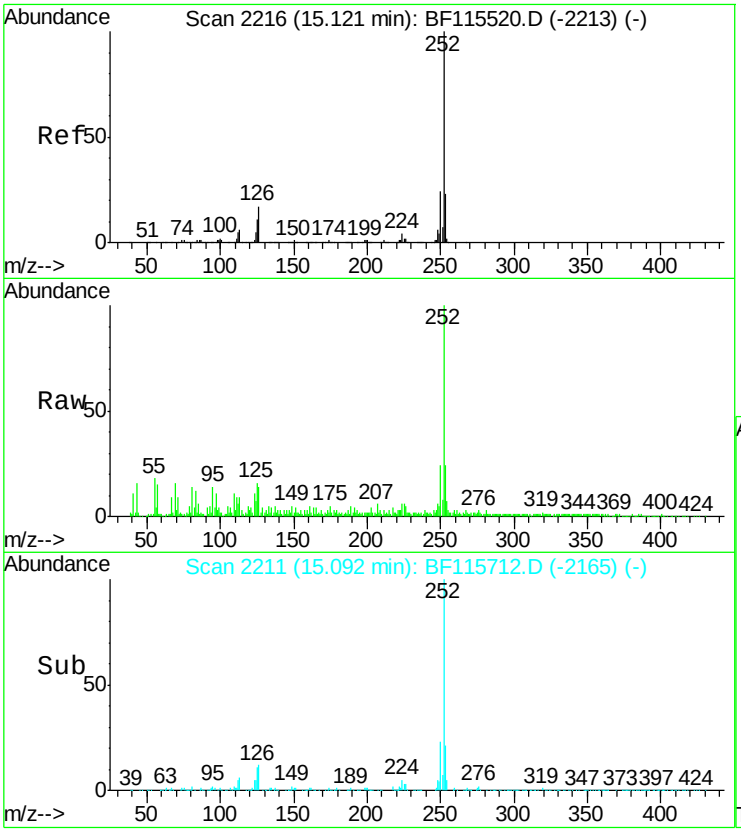


#88
Benzo(b)fluoranthene
Concen: 10.421 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Tgt Ion:252 Resp: 274191

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	15.5	9.0	13.4#



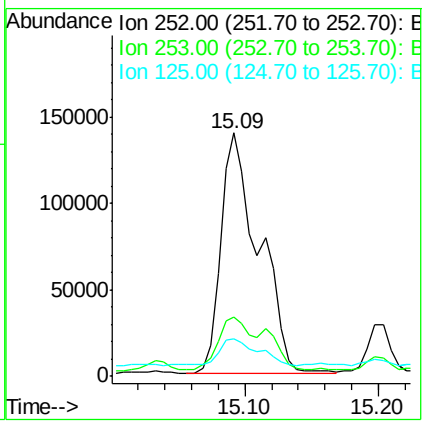


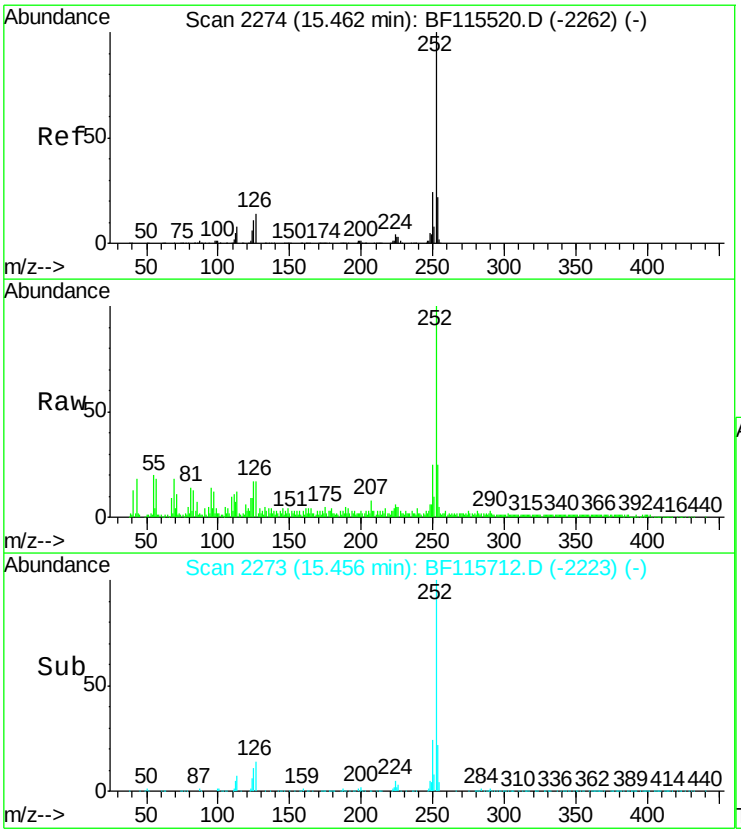
#89
Benzo(k)fluoranthene
Concen: 11.688 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 274191

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.6	28.0
125	15.5	9.0	13.6#

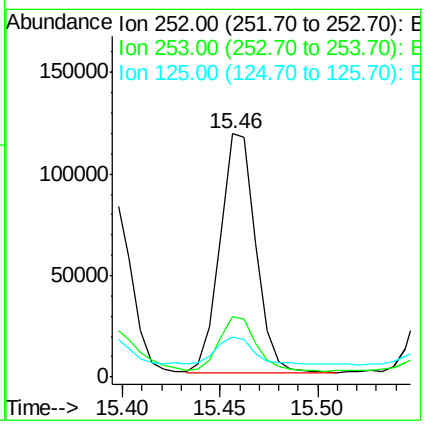


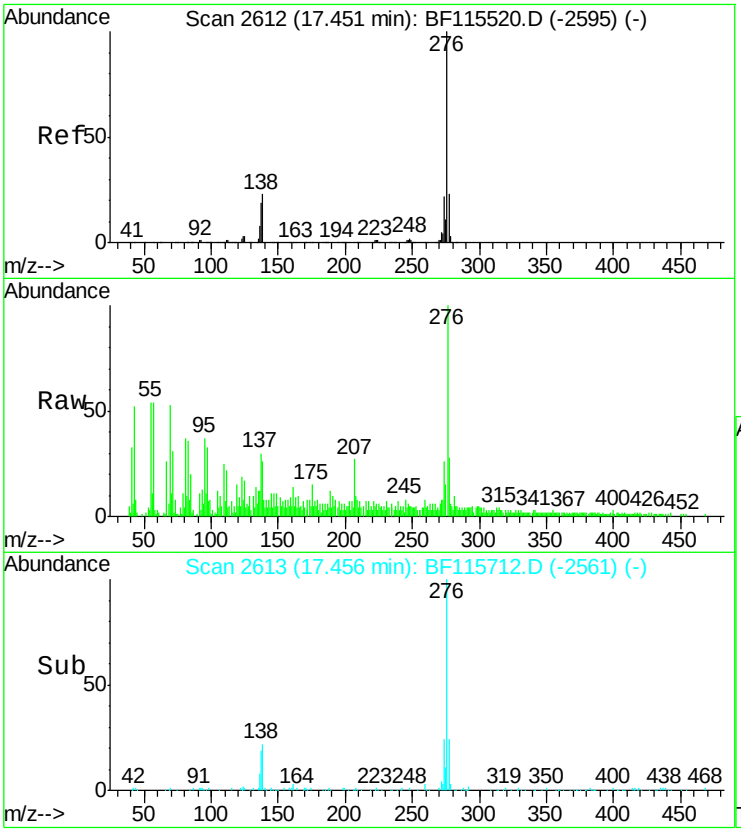


#90
Benzo(a)pyrene
Concen: 6.637 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Tgt Ion:252 Resp: 150106

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.6
125	16.6	9.1	13.7#





#92
Benzo(g,h,i)perylene
Concen: 3.359 ng
RT: 17.46 min Scan# 2613
Delta R.T. 0.01 min
Lab File: BF115712.D
Acq: 22 Jul 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 66503

Ion	Ratio	Lower	Upper
276	100		
277	28.4	19.0	28.4
138	26.1	17.2	25.8#