Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116754.D
Acq On : 1 Sep 2019 20:30
Operator : HP/JU
Sample : K4547-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 02 05:27:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	91979	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	384323	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	215806	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	353378	20.00	ng		0.00
76) Chrysene-d12	13.99	240	218662	20.00	ng		0.00
87) Perylene-d12	15.45	264	211896	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	497154	87.57	ng		0.00
7) Phenol-d6	6.47	99	685215	91.91	ng		0.00
23) Nitrobenzene-d5	7.40	82	410744	61.01	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	134870	93.48	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	776163	60.67	ng		0.00
79) Terphenyl-d14	12.94	244	707596	59.86	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	52958	6.415	ng		95
19) n-Nitroso-di-n-propylamine	7.40	70	54756	11.155	ng	#	70
25) Isophorone	7.40	82	410741	30.109	ng	#	66
50) Dimethylphthalate	9.59	163	123446	8.285	ng		99
57) 2,4-Dinitrotoluene	9.88	165	28376	8.164	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.66	198	406	7.715	ng	#	1
75) Fluoranthene	12.57	202	84193	4.355	ng		94
78) Pyrene	12.80	202	75201	3.869	ng		97
81) Benzo(a)anthracene	13.98	228	35923	2.596	ng	#	94
83) Chrysene	14.02	228	43437	3.047	ng	#	90
84) Bis(2-ethylhexyl)phthalate	13.97	149	24404	2.091	ng	#	99
88) Benzo(b)fluoranthene	15.03	252	76904	6.003	ng	#	81
89) Benzo(k)fluoranthene	15.03	252	76904	6.584	ng	#	81
90) Benzo(a)pyrene	15.39	252	33732	3.026	ng	#	73
92) Benzo(g,h,i)perylene	17.32	276	20477	2.058	ng	#	80

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

Quantitation Report (Not Reviewed)

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QLast Update : Fri Aug 30 20:02:30 2019
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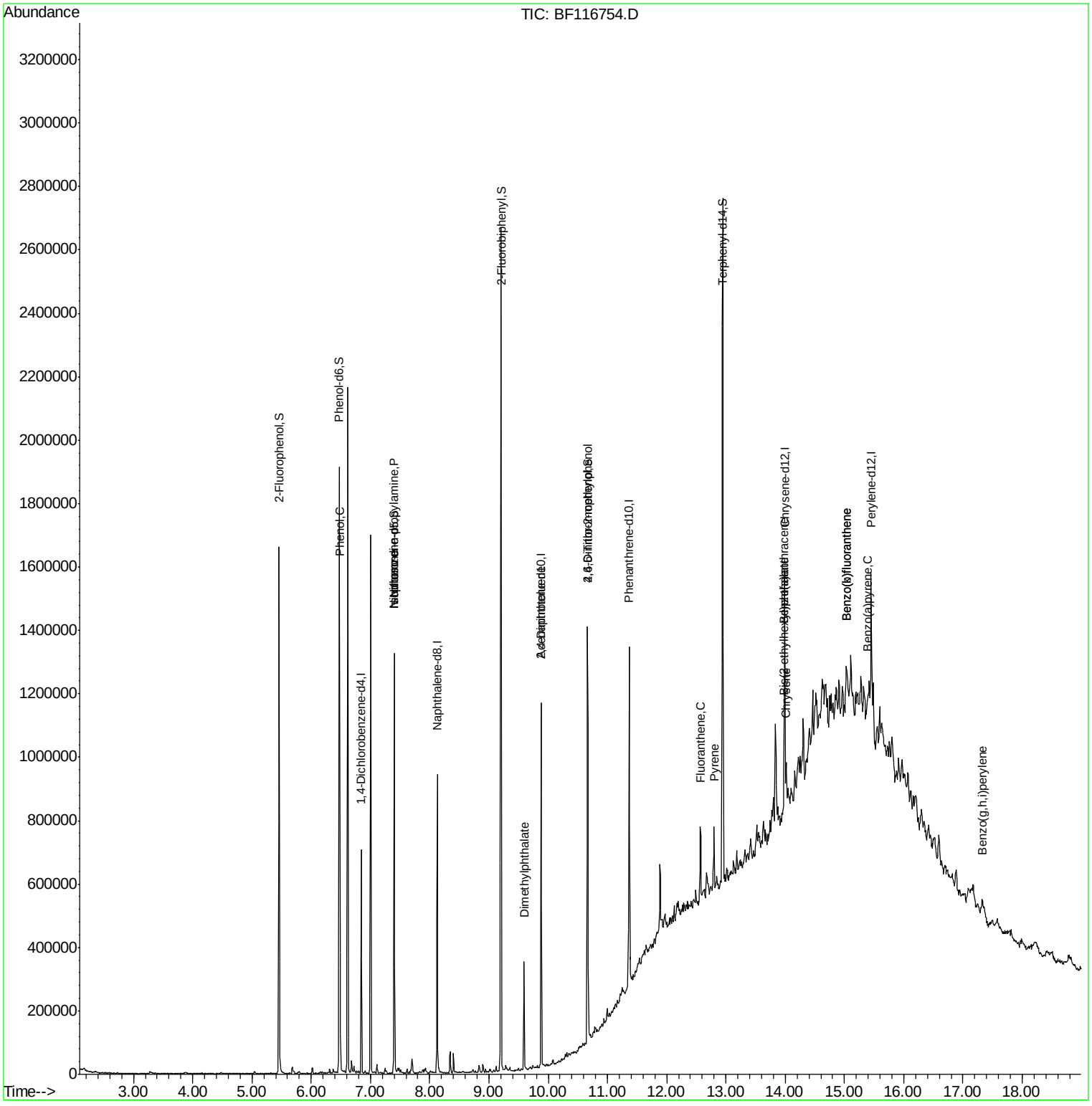
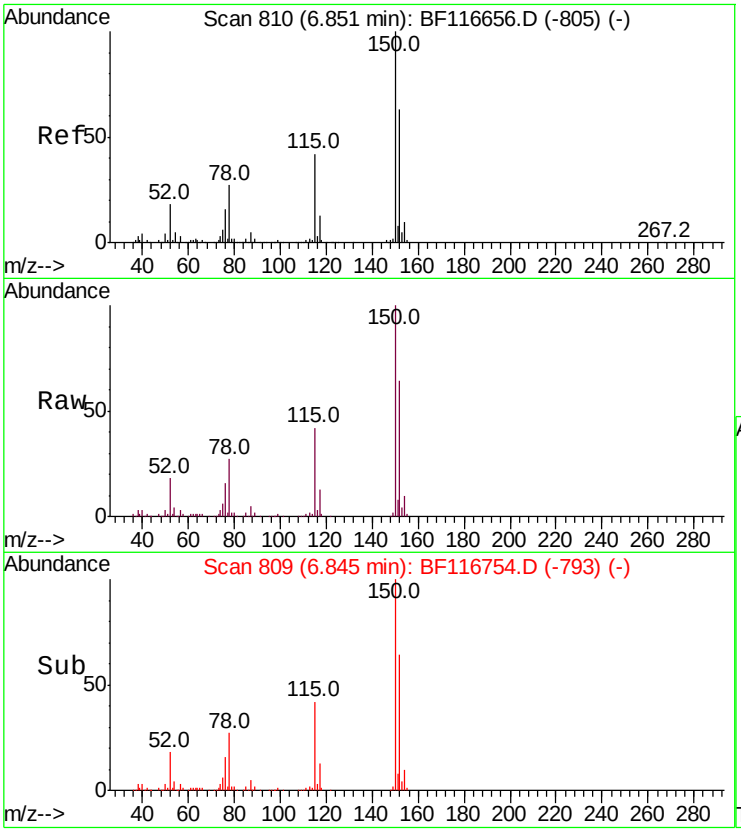


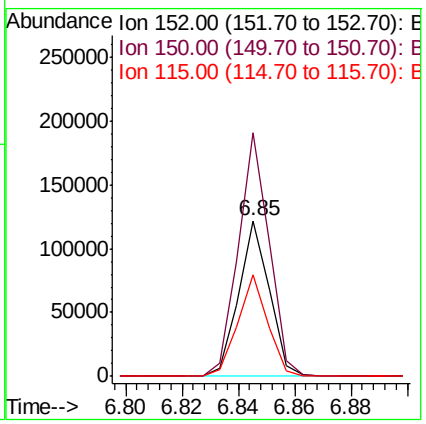


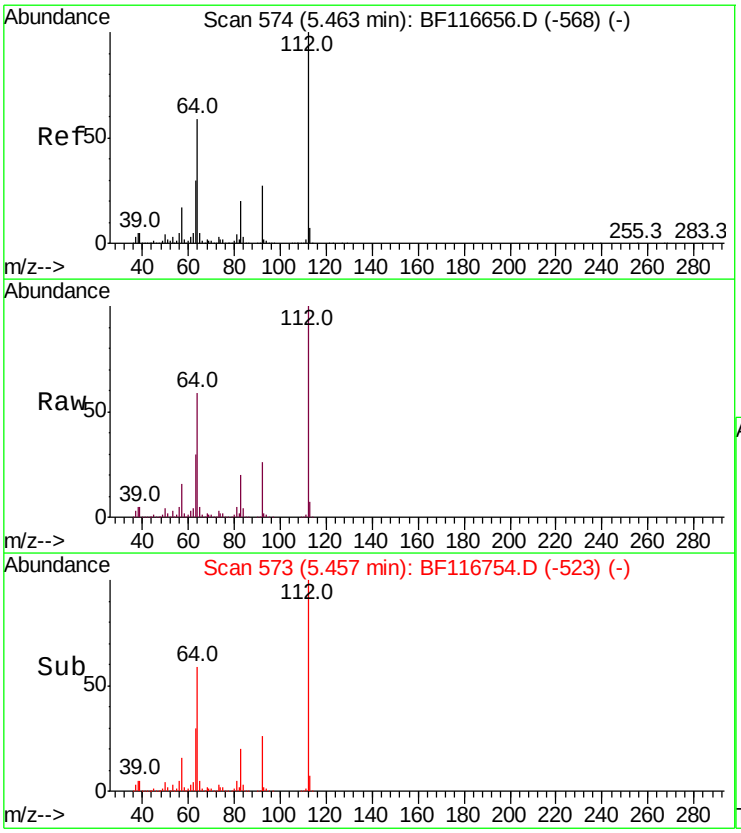
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 91979

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.4	186.6
115	65.2	49.9	74.9

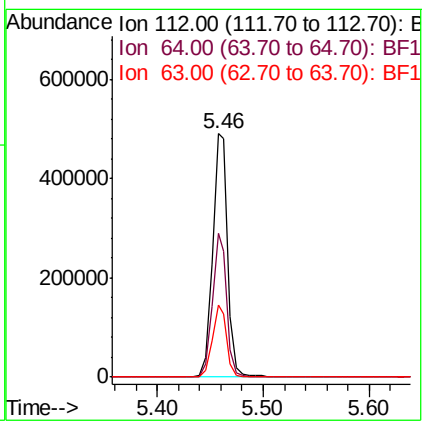


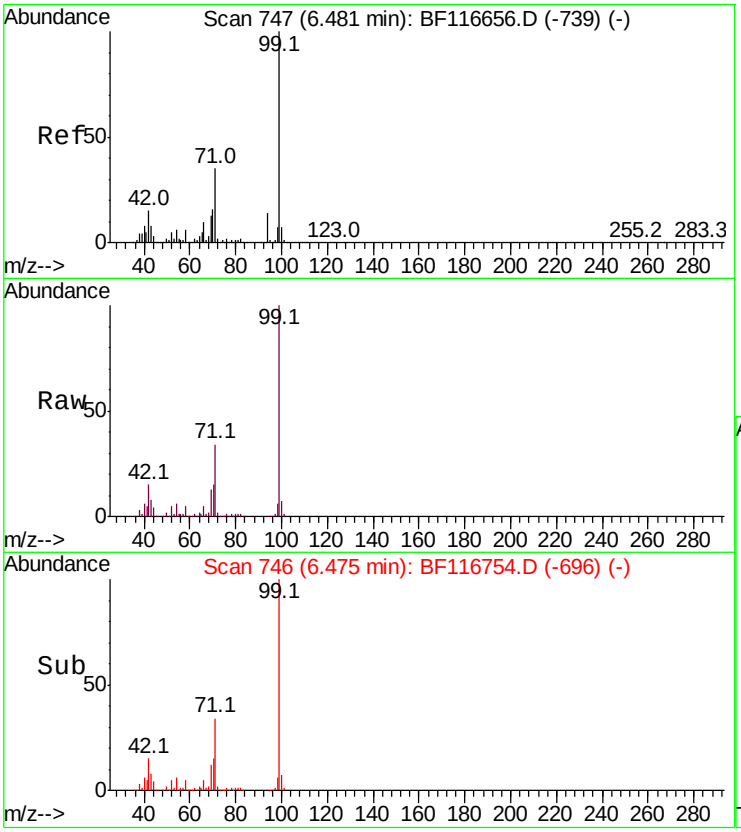


#5
2-Fluorophenol
Concen: 87.565 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion:112 Resp: 497154

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.1	70.7
63	29.9	24.9	37.3



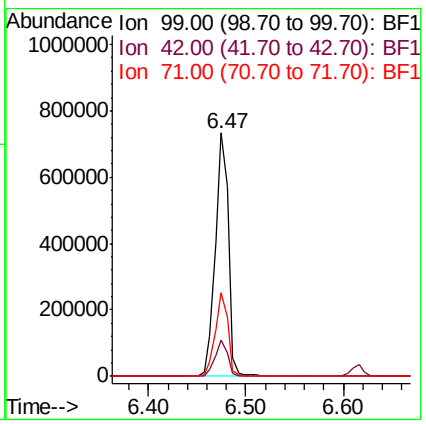


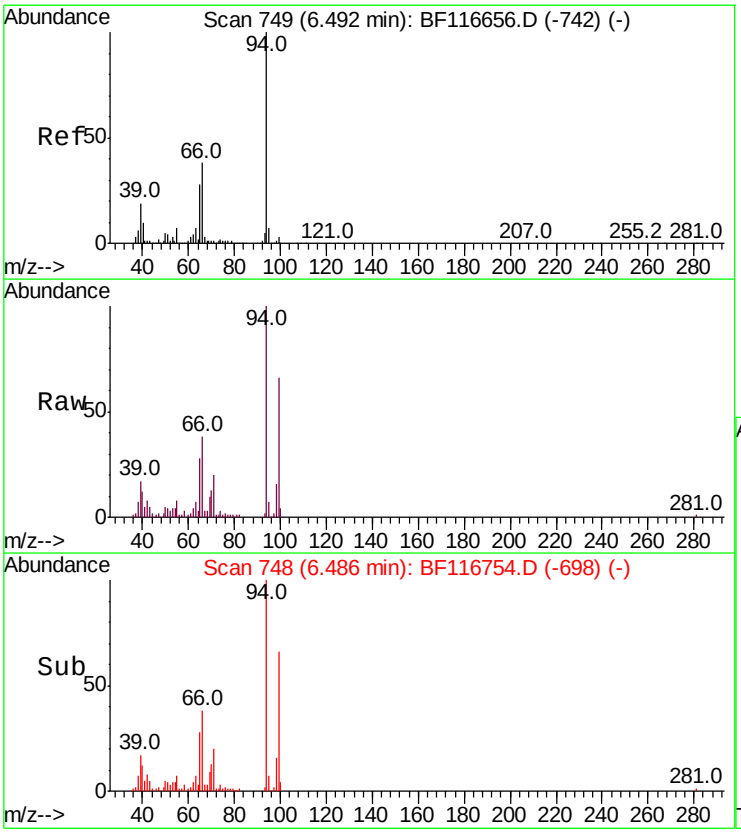
#7
Phenol-d6
Concen: 91.911 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 685215

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.7	20.5
71	34.5	30.8	46.2

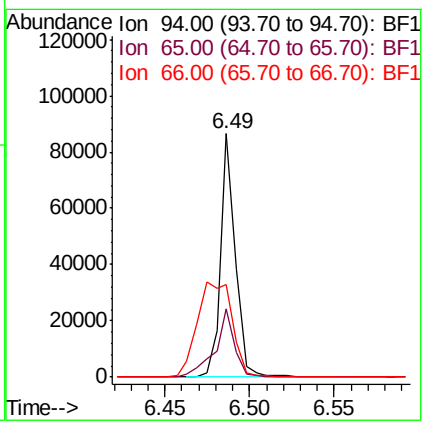


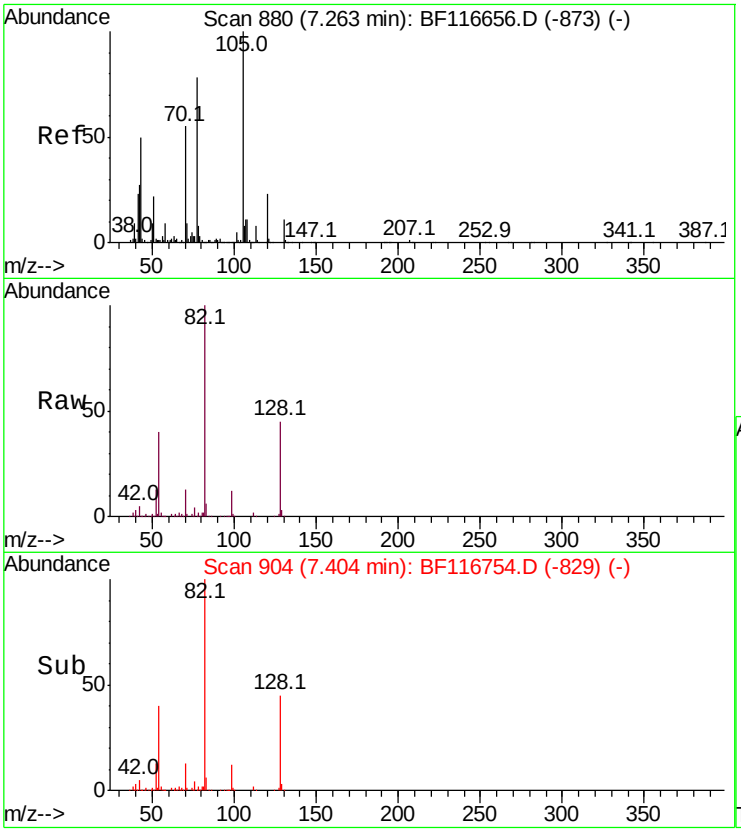


#10
Phenol
Concen: 6.415 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion: 94 Resp: 52958

Ion	Ratio	Lower	Upper
94	100		
65	28.1	10.8	50.8
66	37.8	21.1	61.1



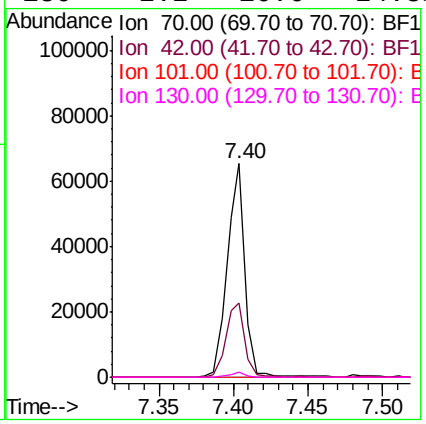


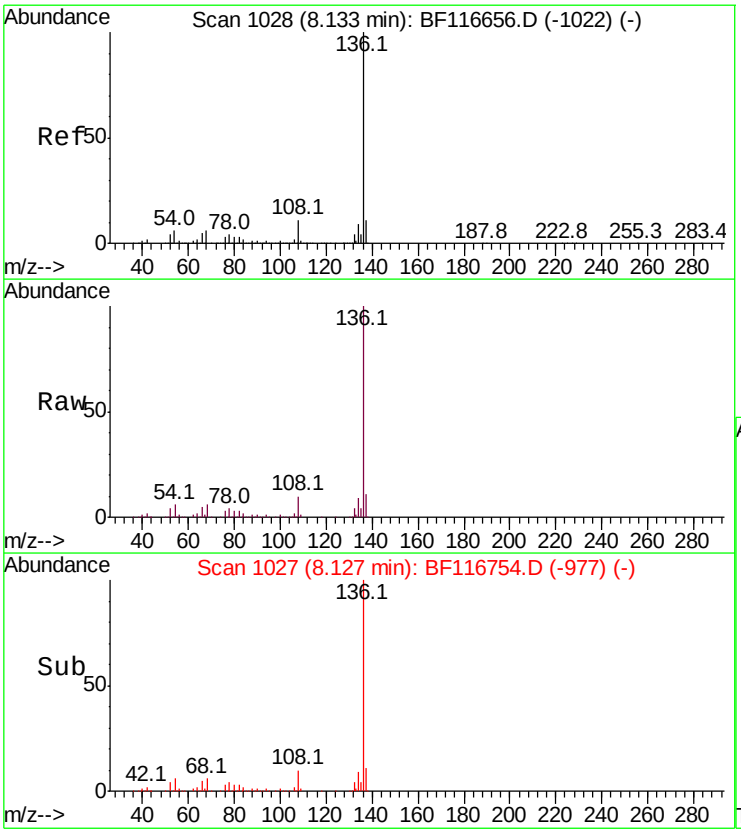
#19
n-Nitroso-di-n-propylamine
Concen: 11.155 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 54756

Ion	Ratio	Lower	Upper
70	100		
42	34.8	43.5	65.3#
101	0.0	7.8	11.6#
130	2.2	16.6	24.8#

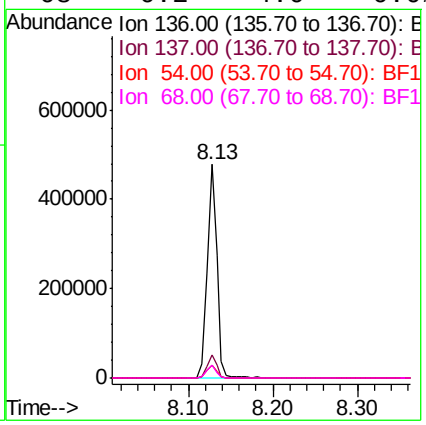


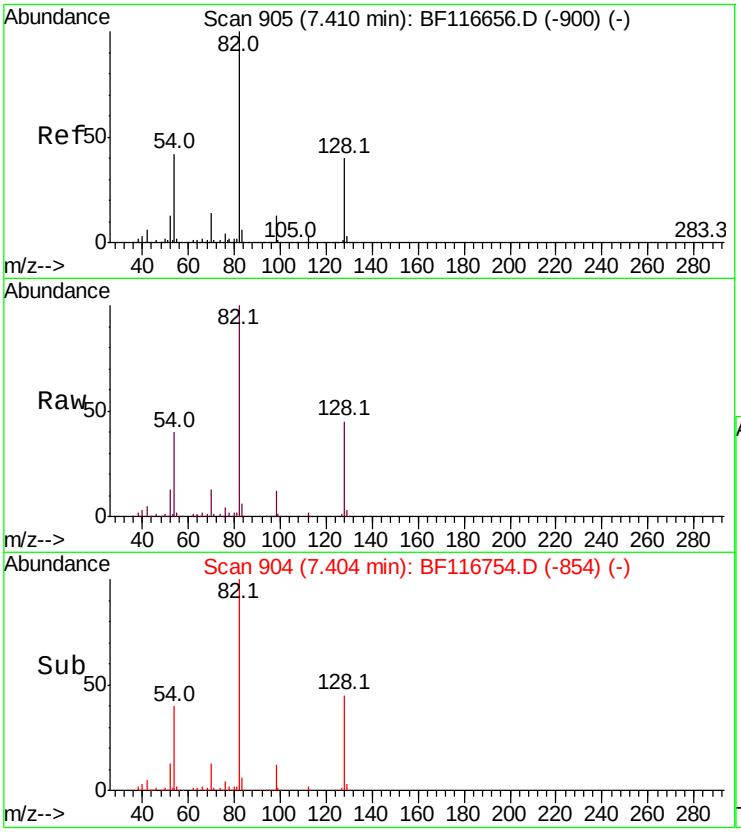


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion:136 Resp: 384323

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.1	4.8	7.2
68	6.2	4.0	6.0#



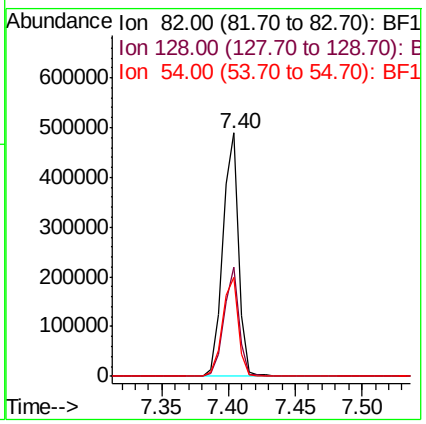


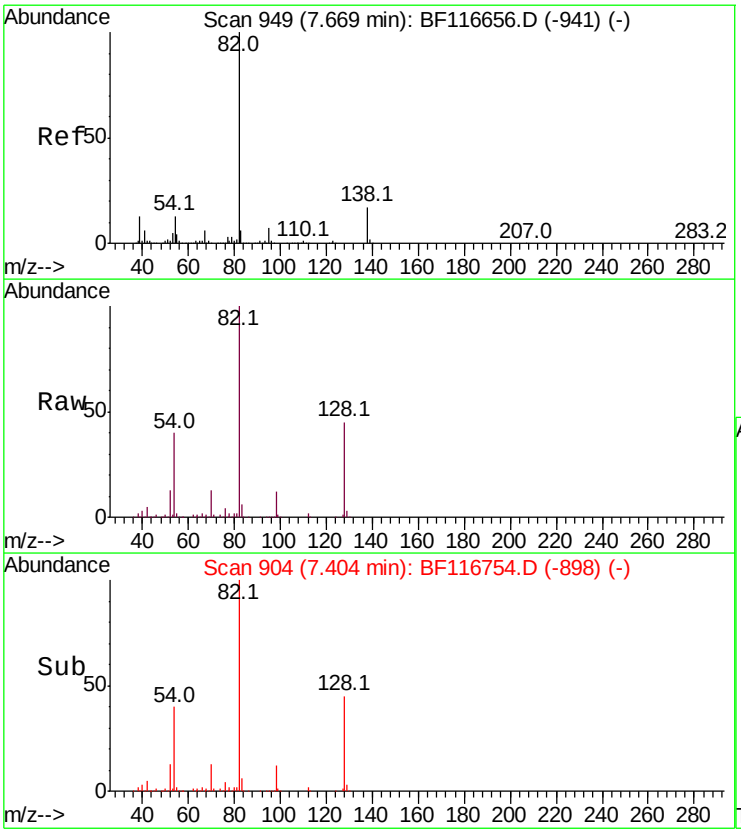
#23
Nitrobenzene-d5
Concen: 61.012 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 410744

Ion	Ratio	Lower	Upper
82	100		
128	45.1	32.8	49.2
54	40.4	36.9	55.3

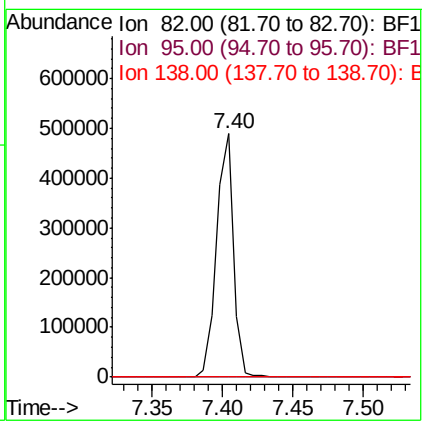


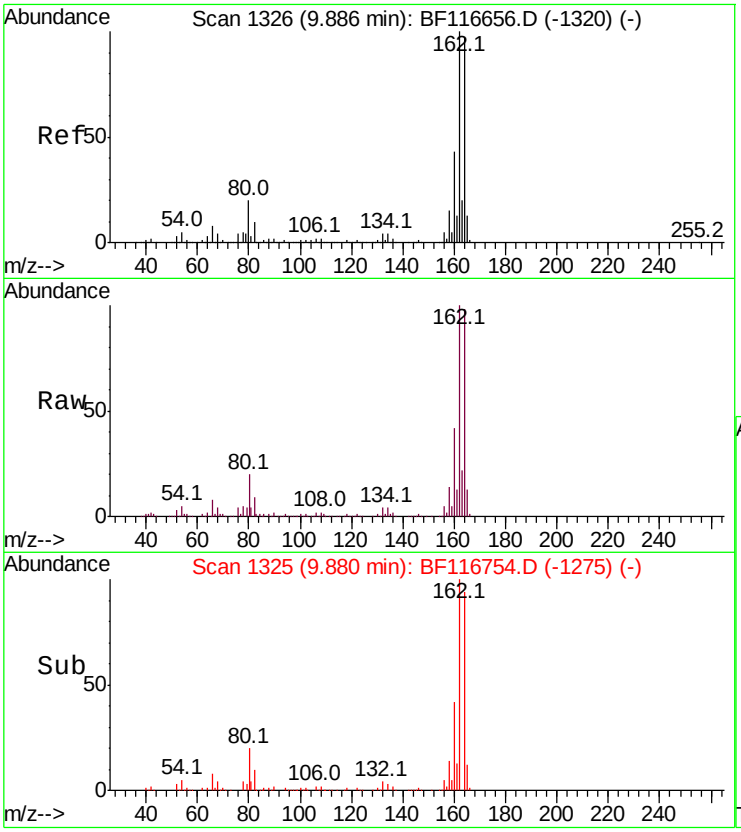


#25
Isophorone
Concen: 30.109 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion: 82 Resp: 410741

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	13.5	20.3#



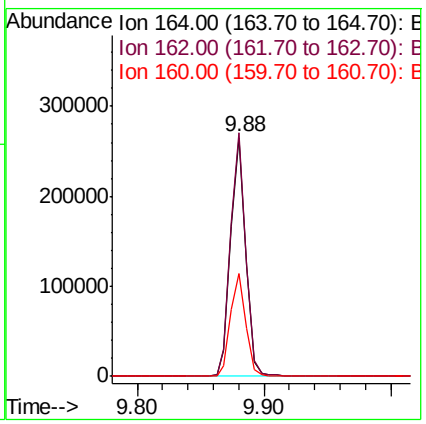


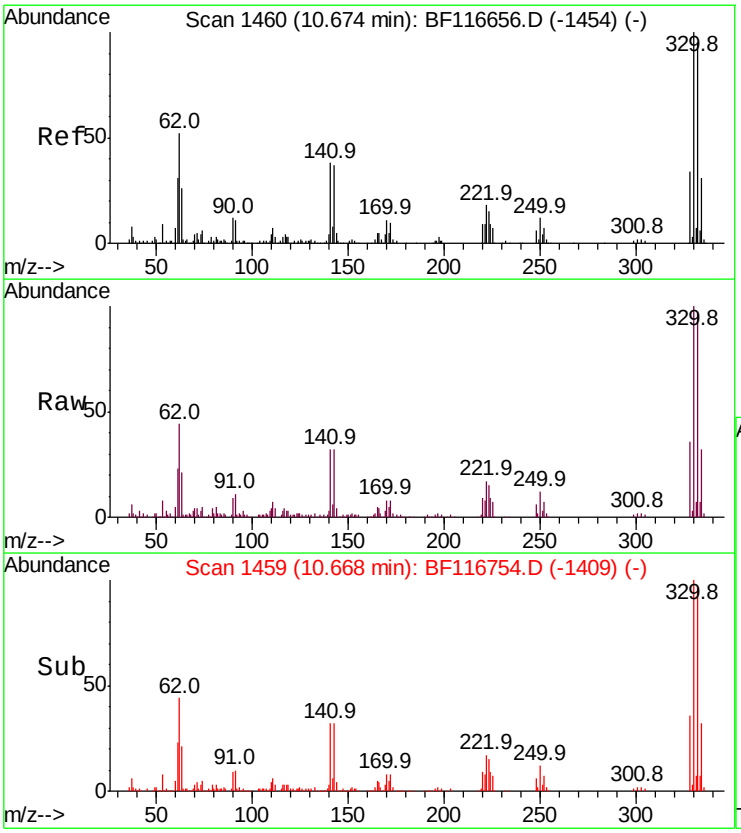
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 215806

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.0
160	43.0	35.4	53.2

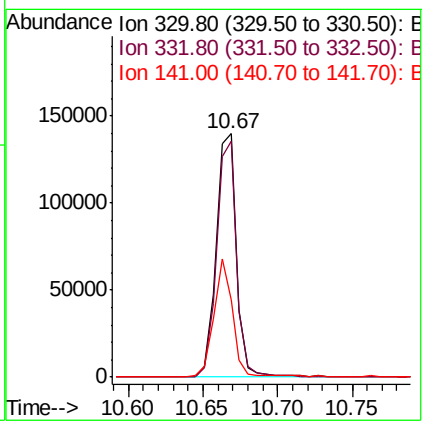


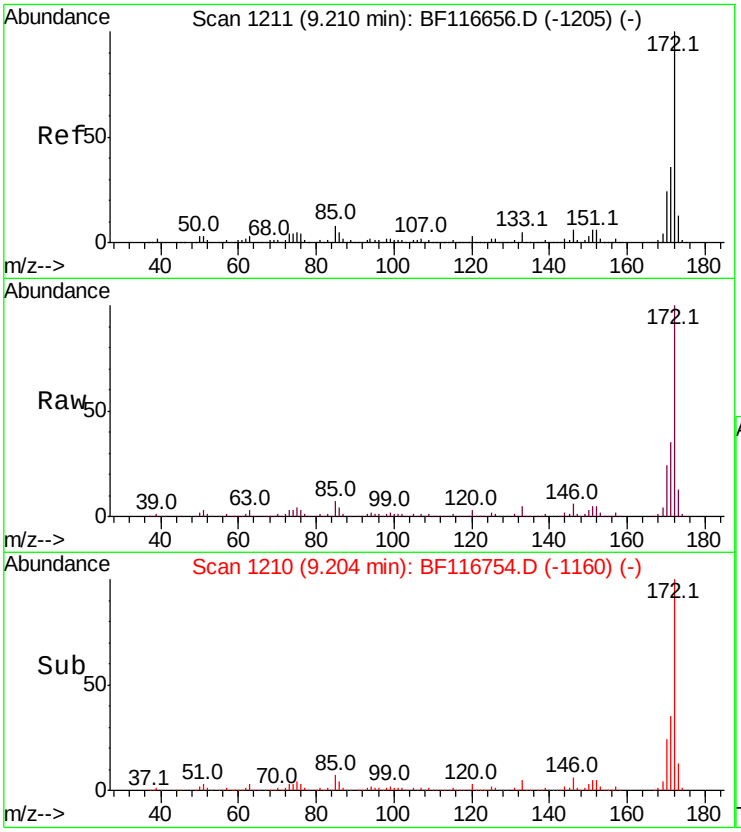


#42
2,4,6-Tribromophenol
Concen: 93.484 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion:330 Resp: 134870

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.9	115.3
141	43.8	31.4	47.2



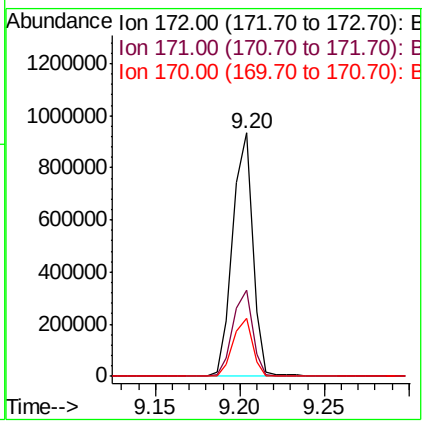


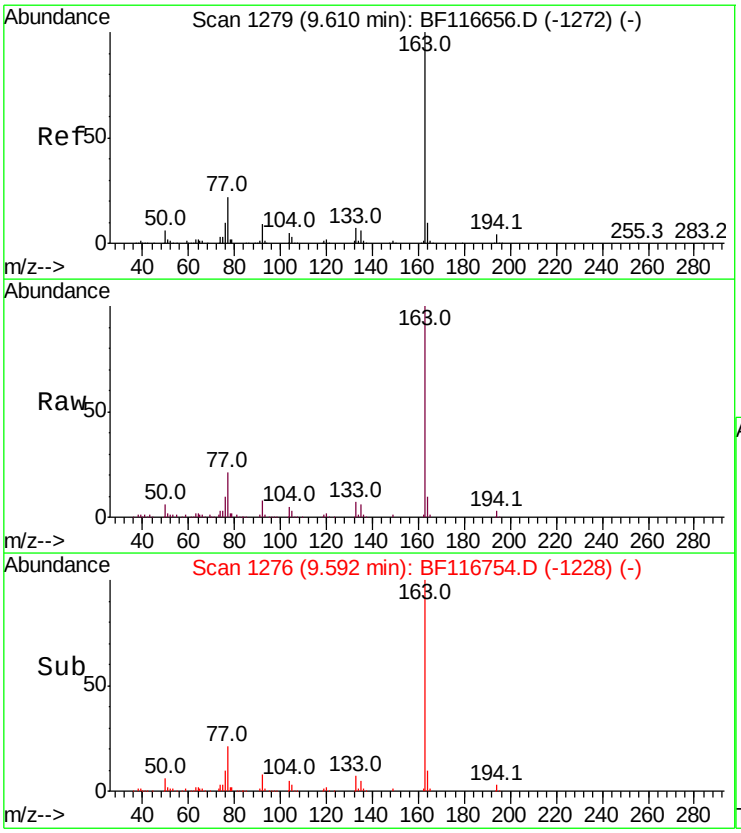
#45
2-Fluorobiphenyl
Concen: 60.670 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 776163

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.7	18.9	28.3

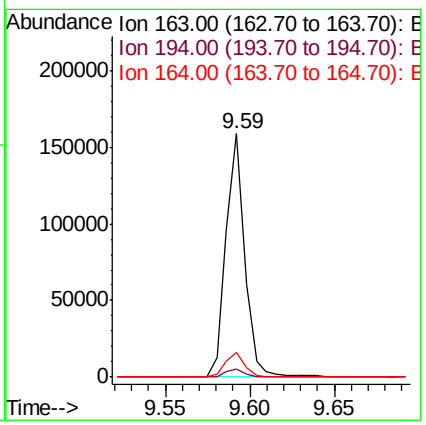


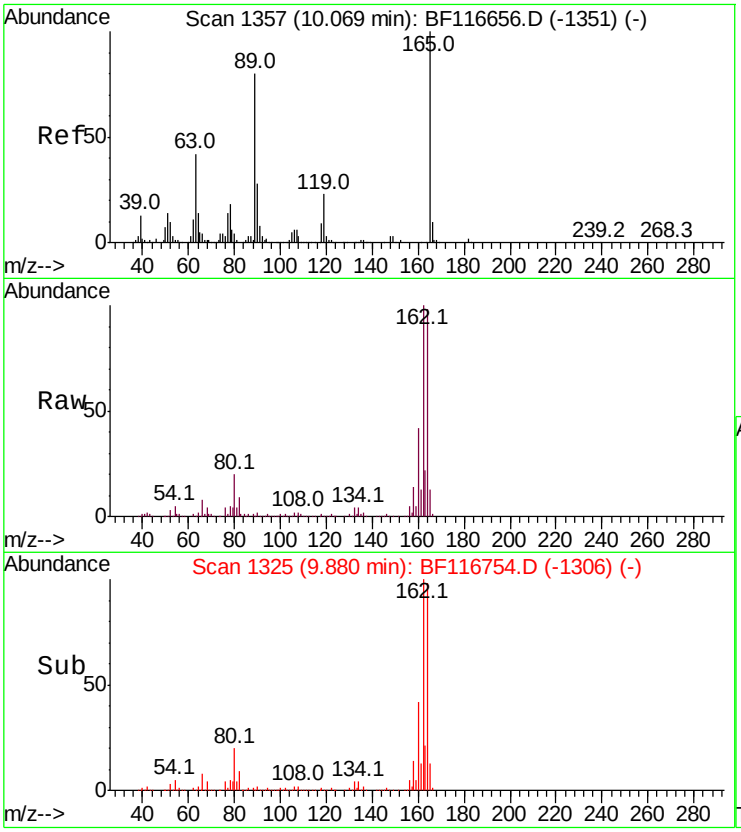


#50
Dimethylphthalate
Concen: 8.285 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion:163 Resp: 123446

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.0	8.6	12.8



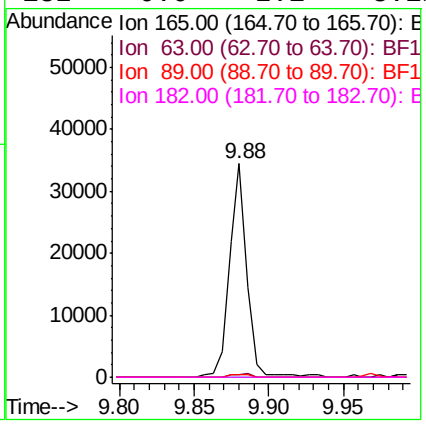


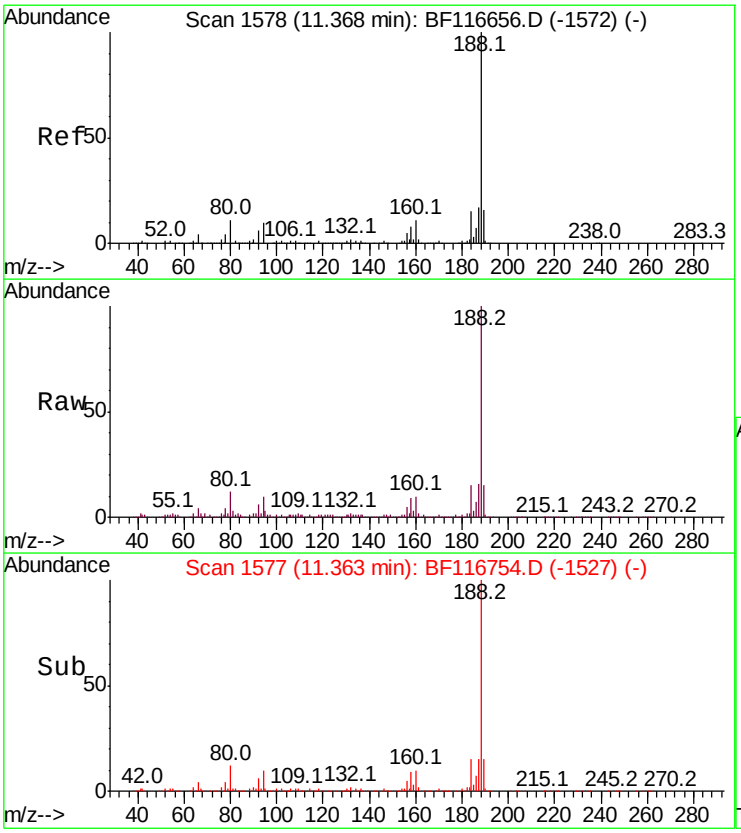
#57
2,4-Dinitrotoluene
Concen: 8.164 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28376

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	62.6	94.0#
182	0.0	2.1	3.1#

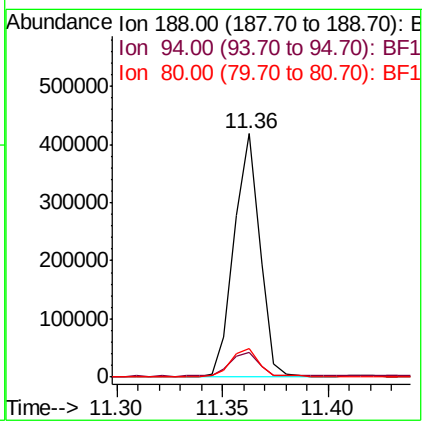


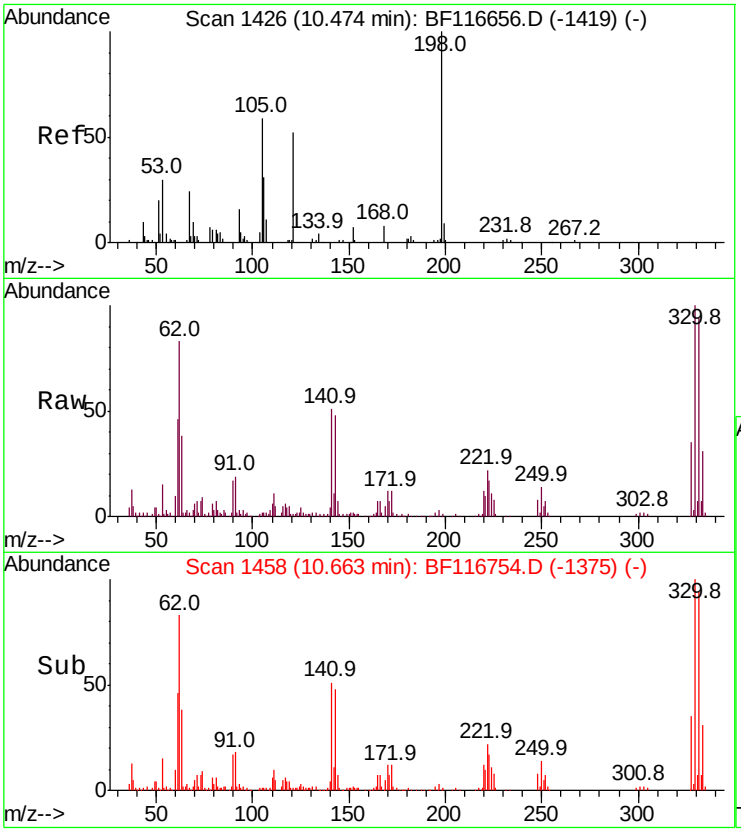


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion:188 Resp: 353378

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.3	10.9
80	11.8	8.4	12.6



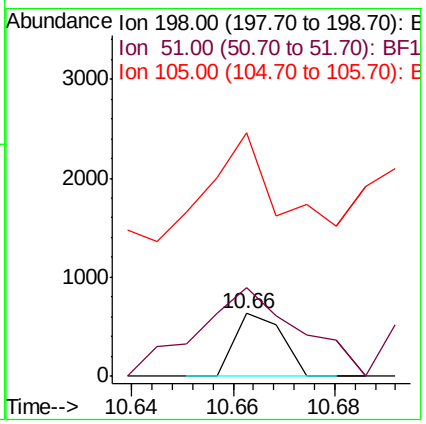


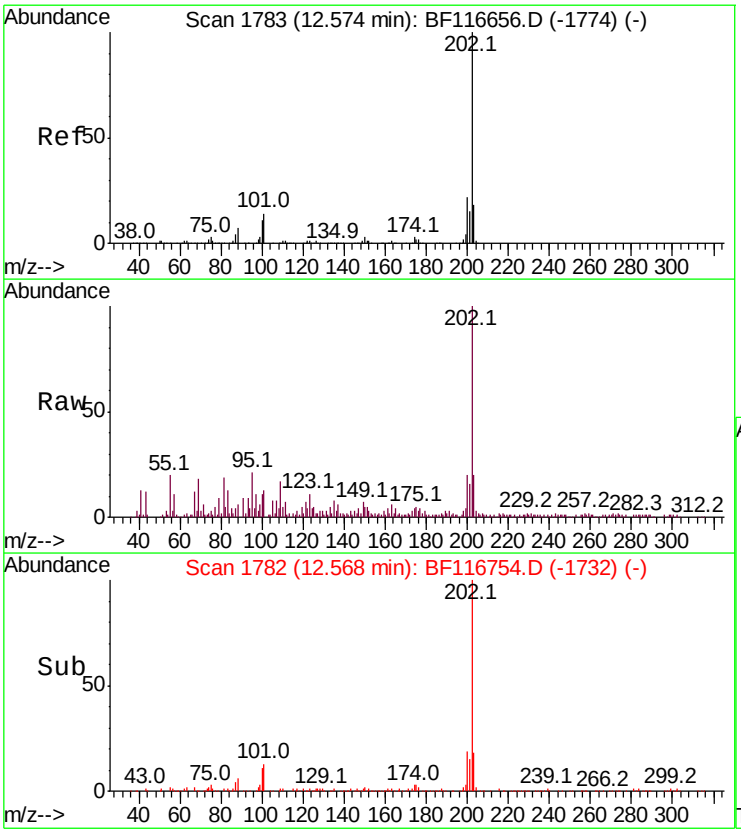
#65
4,6-Dinitro-2-methylphenol
Concen: 7.715 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 406

Ion	Ratio	Lower	Upper
198	100		
51	142.1	18.4	58.4#
105	387.7	22.9	62.9#

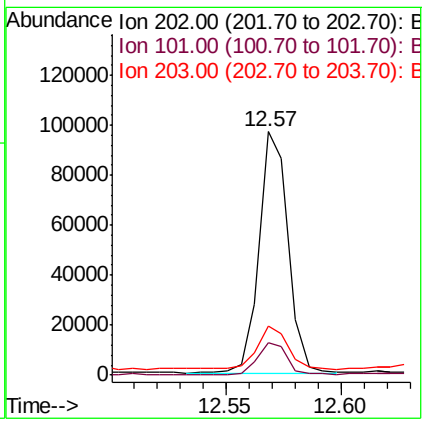


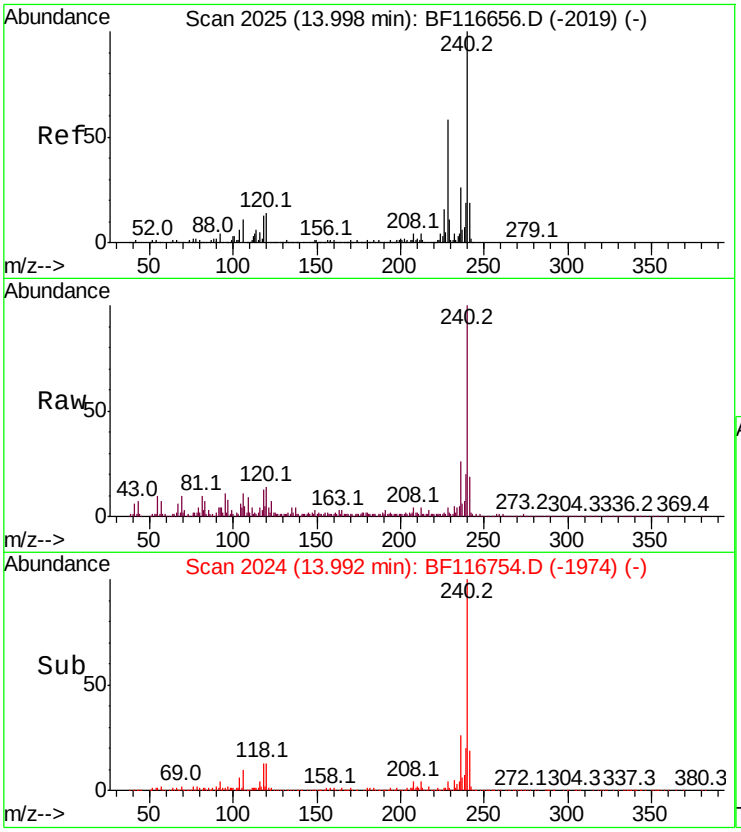


#75
Fluoranthene
Concen: 4.355 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion:202 Resp: 84193

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	31.3
203	20.3	0.0	37.6



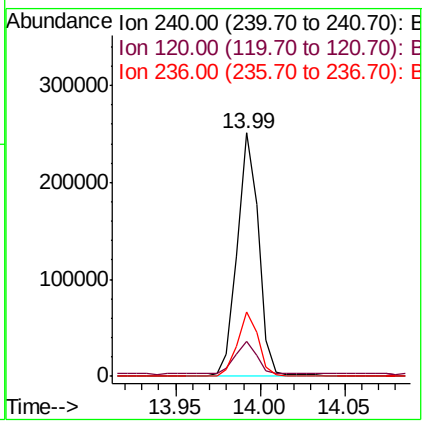


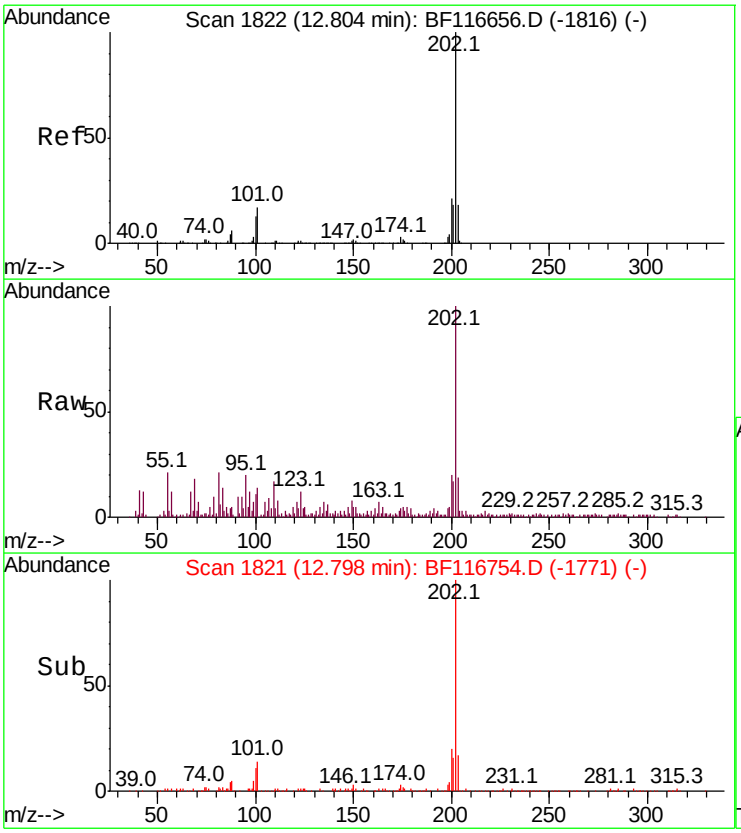
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 218662

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.1	13.7#
236	26.4	21.1	31.7

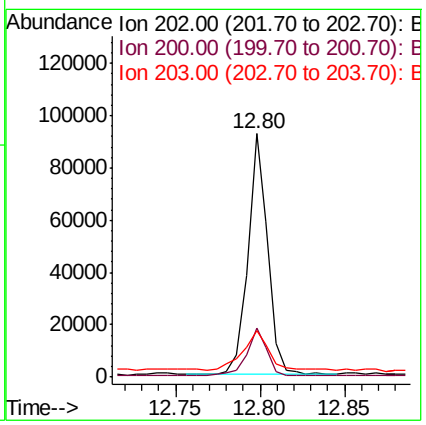


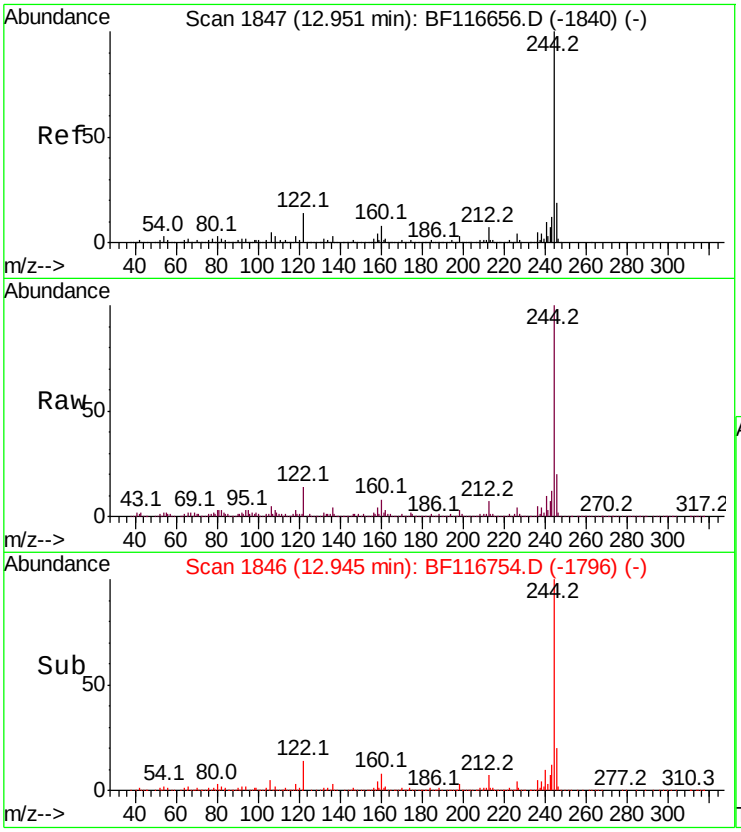


#78
Pyrene
Concen: 3.869 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion:202 Resp: 75201

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.5	24.7
203	19.1	13.7	20.5



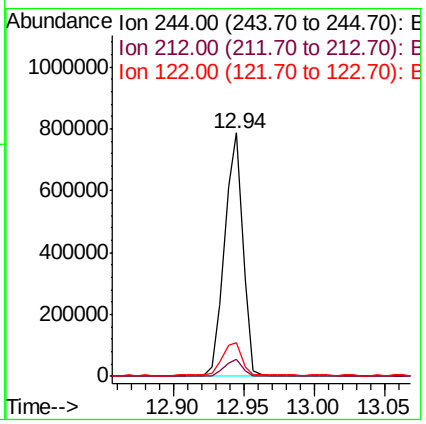


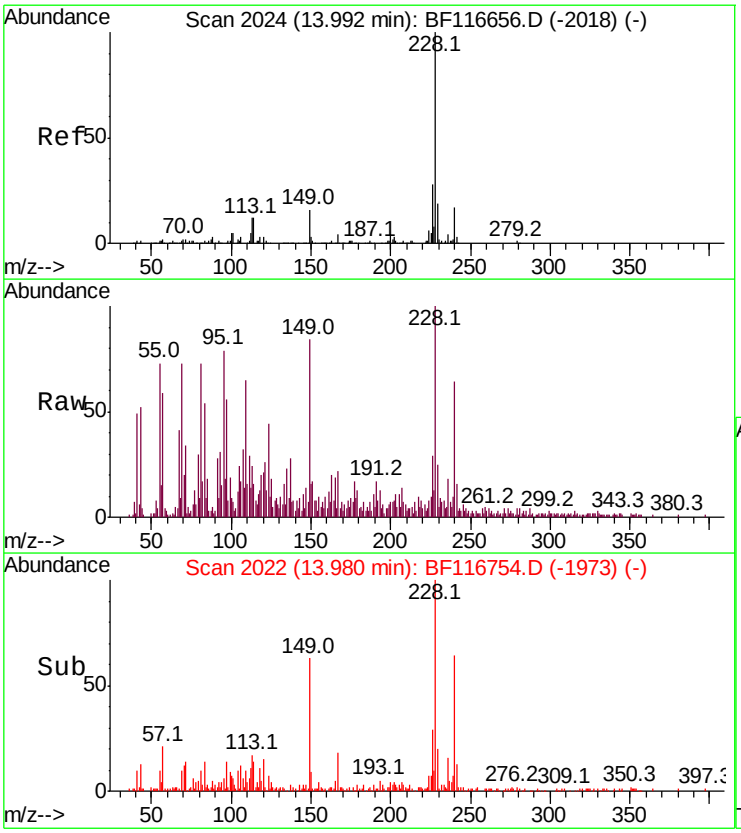
#79
Terphenyl-d14
Concen: 59.865 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 707596

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	13.9	10.2	15.4

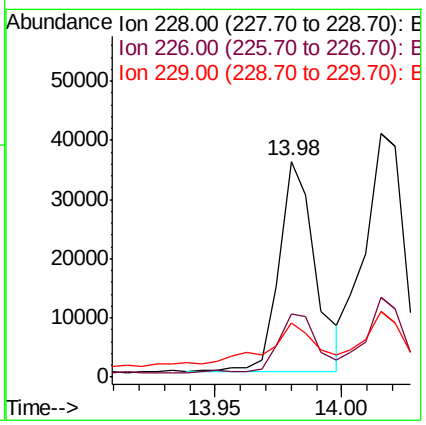


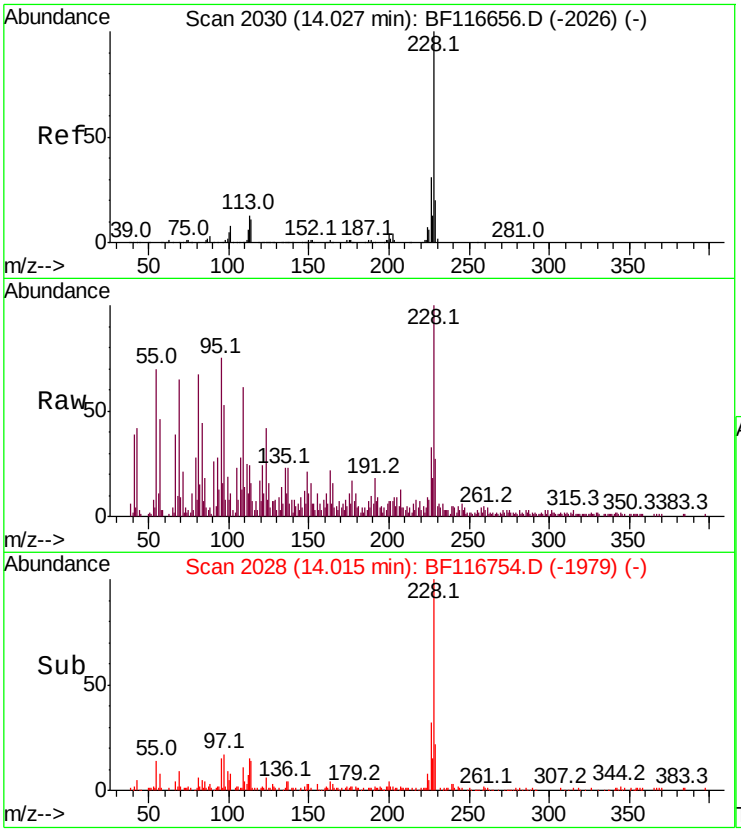


#81
Benzo(a)anthracene
Concen: 2.596 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion:228 Resp: 35923

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.0	33.0
229	25.1	16.4	24.6#



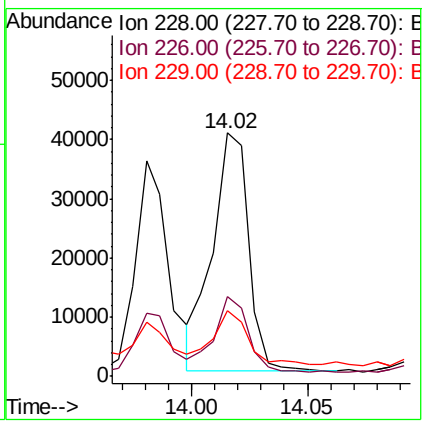


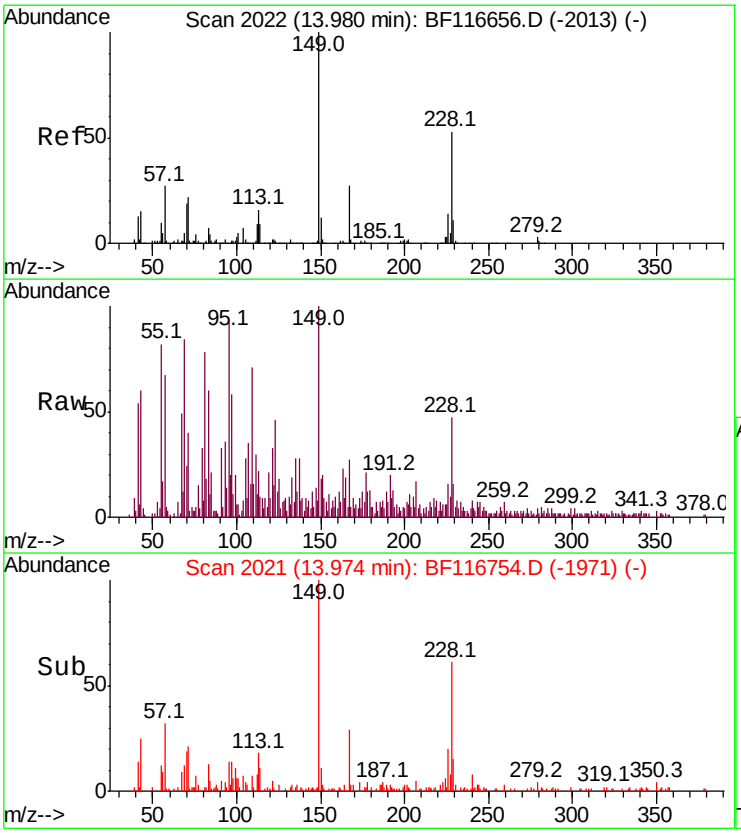
#83
Chrysene
Concen: 3.047 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 43437

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.0	36.0
229	26.9	15.4	23.0#

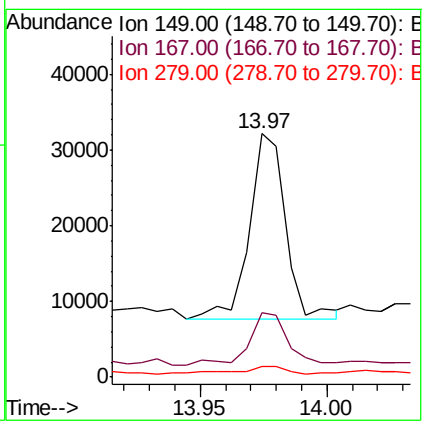


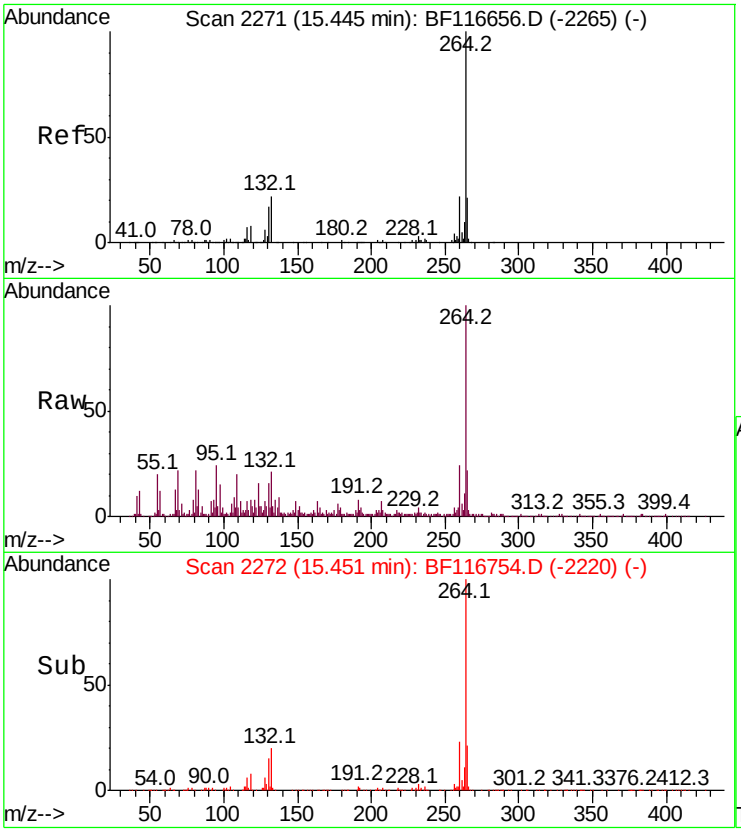


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.091 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion:149 Resp: 24404

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.4
279	4.3	2.8	4.2#



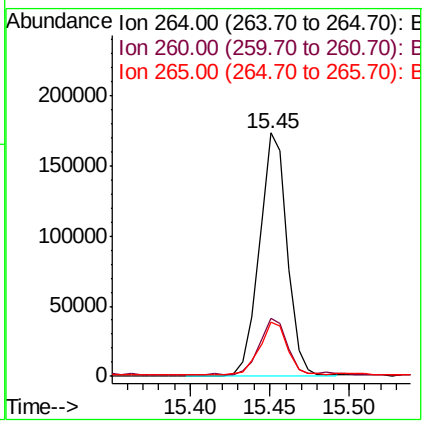


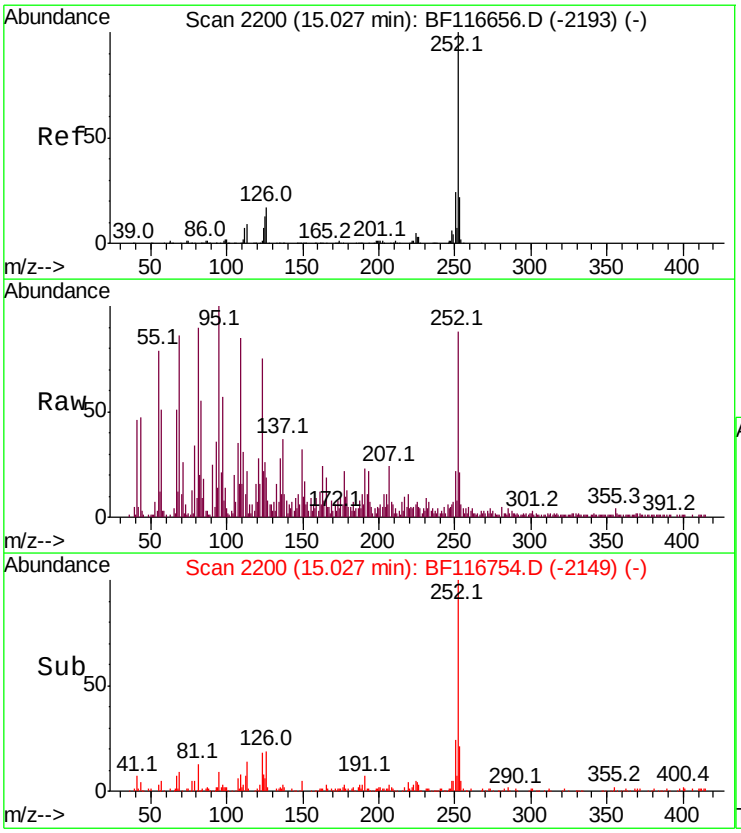
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 211896

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.0	16.5	24.7

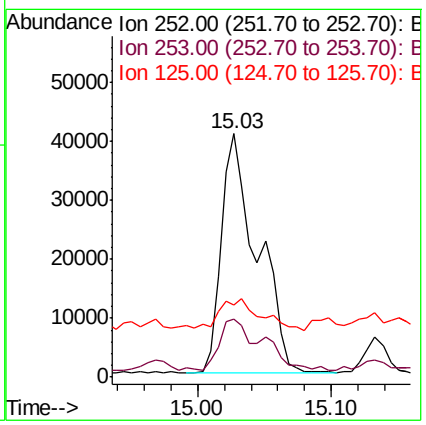


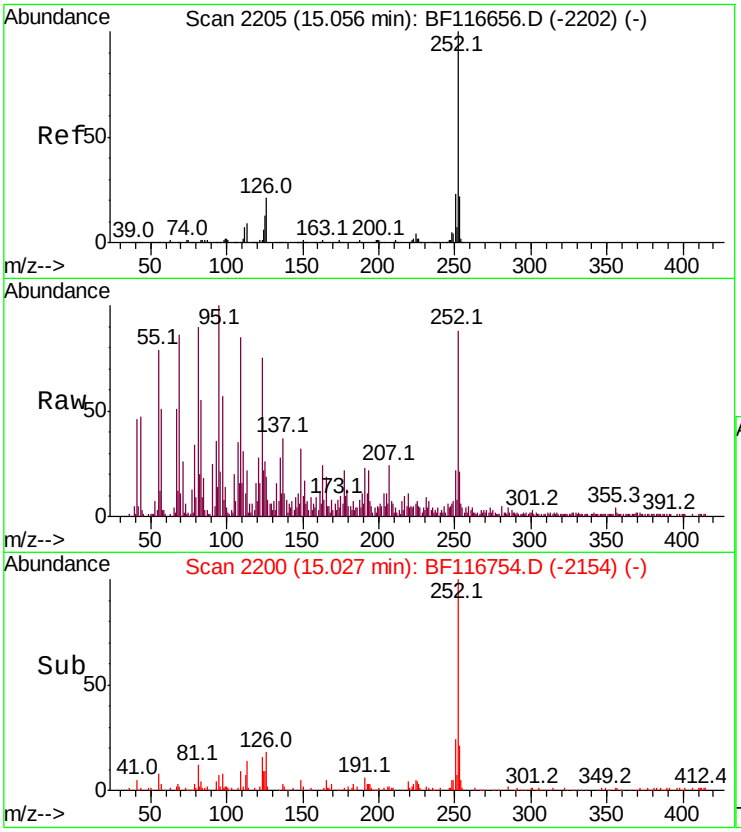


#88
Benzo(b)fluoranthene
Concen: 6.003 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion:252 Resp: 76904

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	29.5	8.2	12.2#



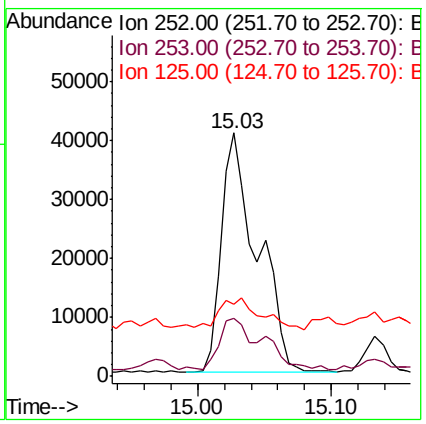


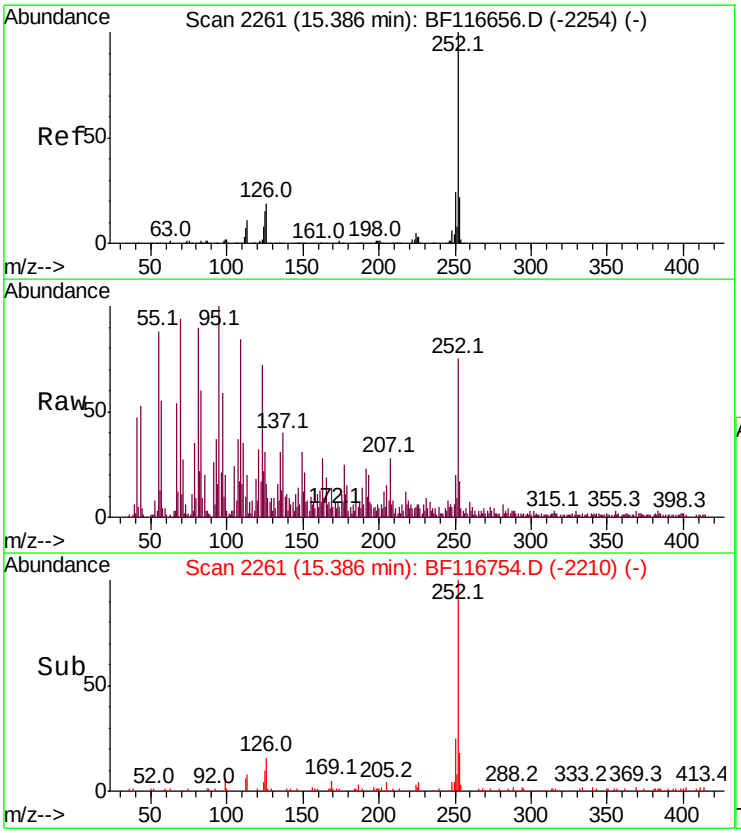
#89
Benzo(k)fluoranthene
Concen: 6.584 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 76904

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	29.5	8.6	13.0#

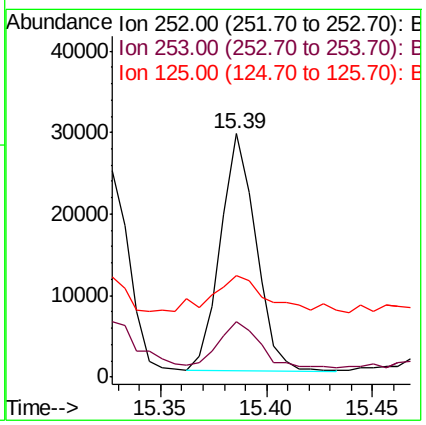


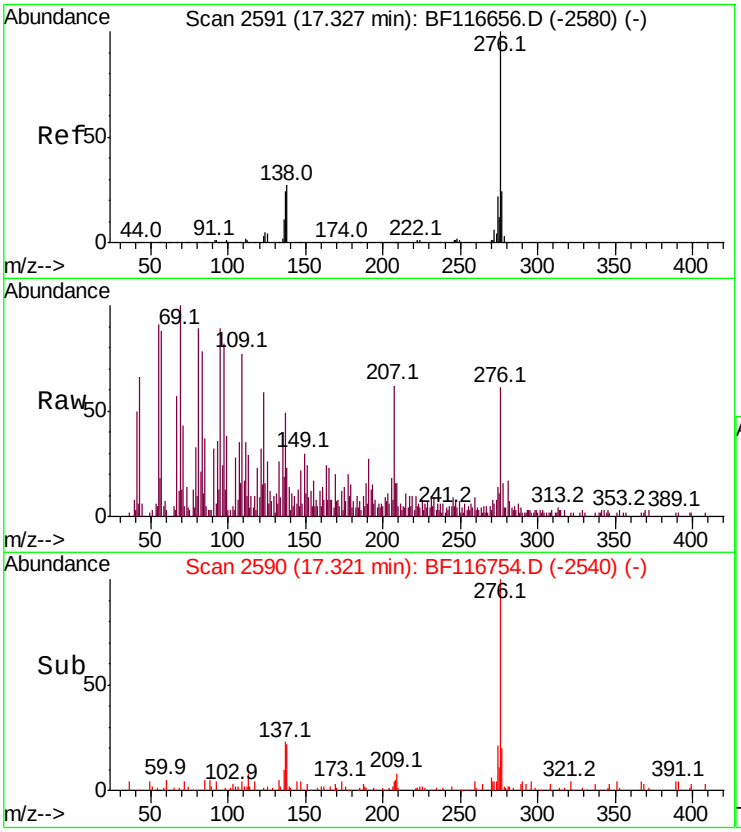


#90
Benzo(a)pyrene
Concen: 3.026 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion:252 Resp: 33732

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	41.7	9.8	14.8#





#92
Benzo(g,h,i)perylene
Concen: 2.058 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 20477

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.5	27.7
138	37.5	16.2	24.2#