Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 04:59:32 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	108953	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	420153	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	203994	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	297893	20.00	ng		0.00
76) Chrysene-d12	14.00	240	159254	20.00	ng		0.00
87) Perylene-d12	15.46	264	227943	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	824524	122.60	ng		0.00
7) Phenol-d6	6.47	99	1133290	128.33	ng		0.00
23) Nitrobenzene-d5	7.40	82	704899	95.78	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	189812	139.18	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1088961	90.05	ng		0.00
79) Terphenyl-d14	12.95	244	777566	90.32	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	50625	5.177	ng		99
19) n-Nitroso-di-n-propylamine	7.40	70	95101	16.355	ng	#	74
25) Isophorone	7.40	82	702335	47.094	ng	#	66
50) Dimethylphthalate	9.59	163	129394	9.188	ng		98
57) 2,4-Dinitrotoluene	9.88	165	26639	8.108	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.67	198	326	7.702	ng	#	1
75) Fluoranthene	12.57	202	87381	5.362	ng	#	48
78) Pyrene	12.80	202	85583	6.045	ng	#	63
81) Benzo(a)anthracene	13.99	228	70439	6.989	ng	#	94
83) Chrysene	14.03	228	77421	7.456	ng	#	92
86) Indeno(1,2,3-cd)pyrene	16.89	276	113222	13.575	ng		97
88) Benzo(b)fluoranthene	15.04	252	220016	15.965	ng	#	89
89) Benzo(k)fluoranthene	15.04	252	220016	17.510	ng	#	89
90) Benzo(a)pyrene	15.40	252	63919	5.331	ng	#	79
91) Dibenzo(a,h)anthracene	16.90	278	25875	2.466	ng	#	60
92) Benzo(g,h,i)perylene	17.33	276	126270	11.797	ng	#	92

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

Quantitation Report (Not Reviewed)

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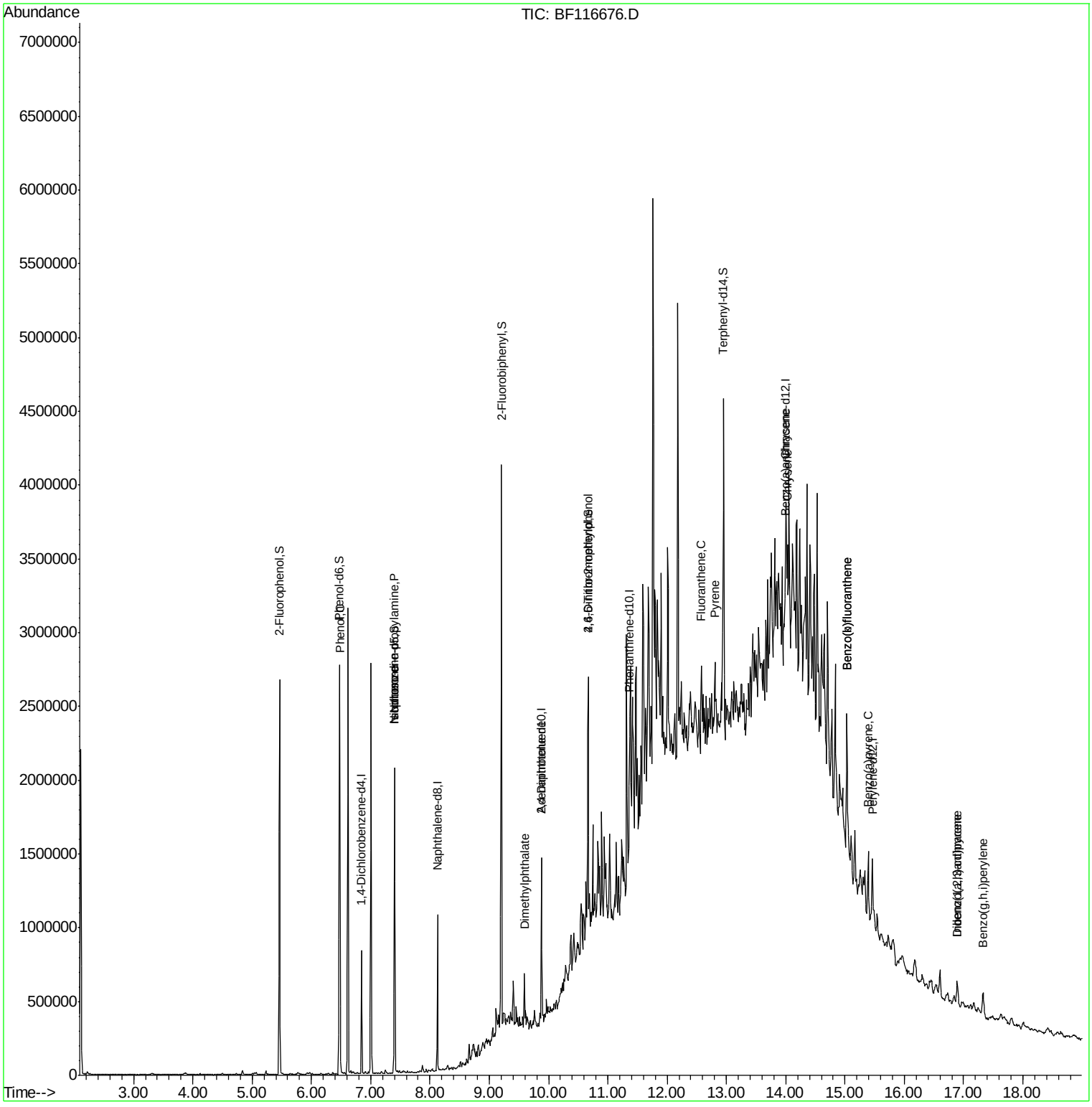
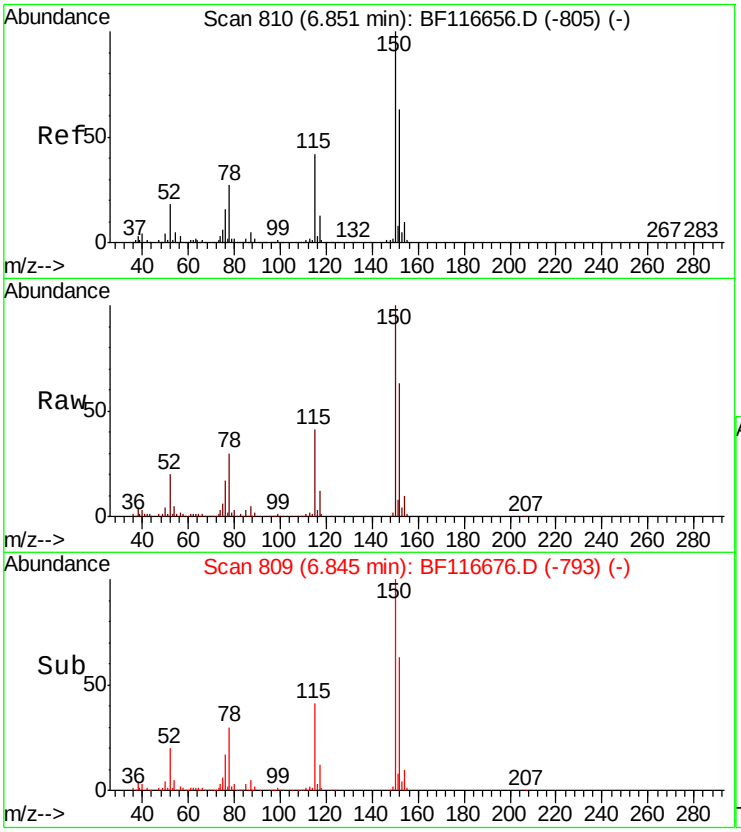


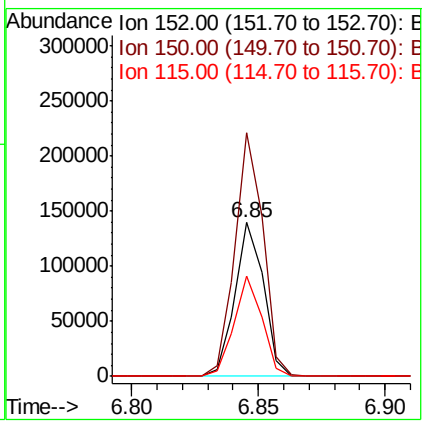


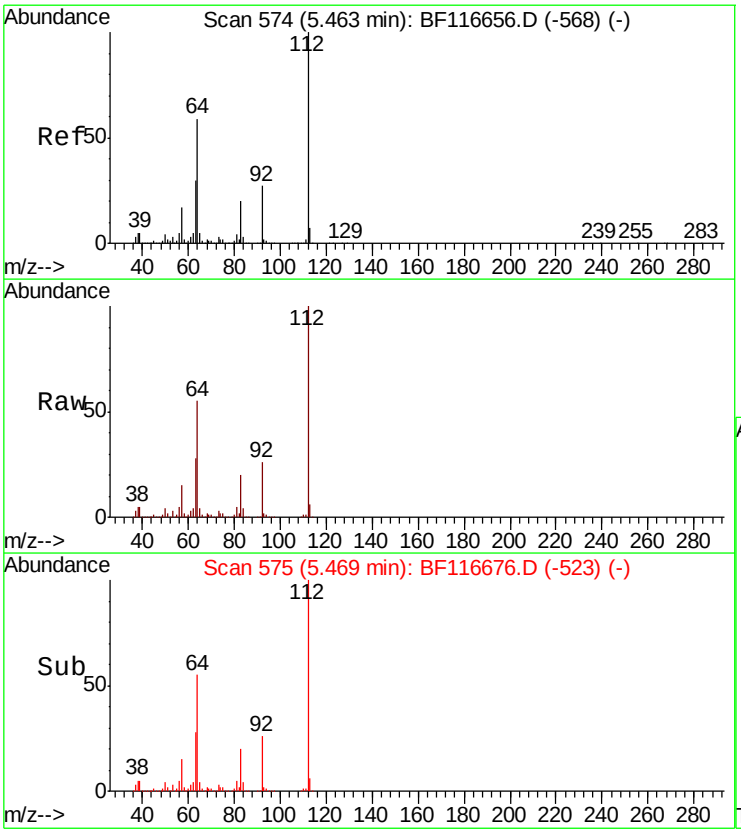
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 108953

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.4	186.6
115	65.0	49.9	74.9

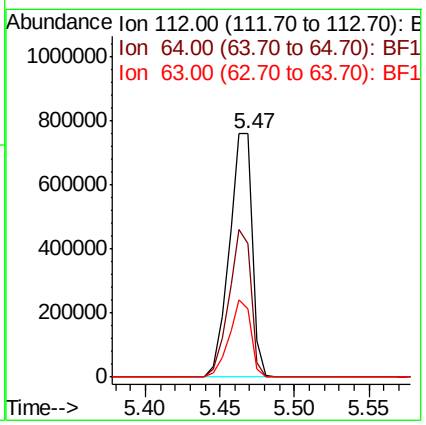


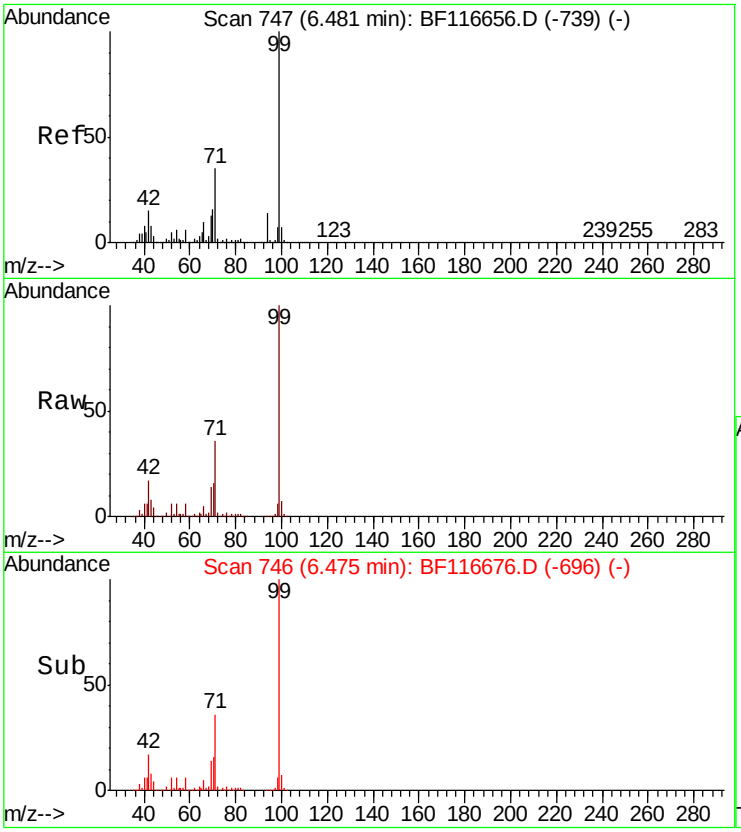


#5
2-Fluorophenol
Concen: 122.601 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion:112 Resp: 824524

Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.1	70.7
63	28.3	24.9	37.3



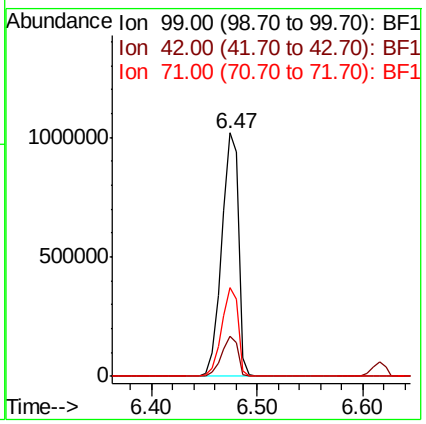


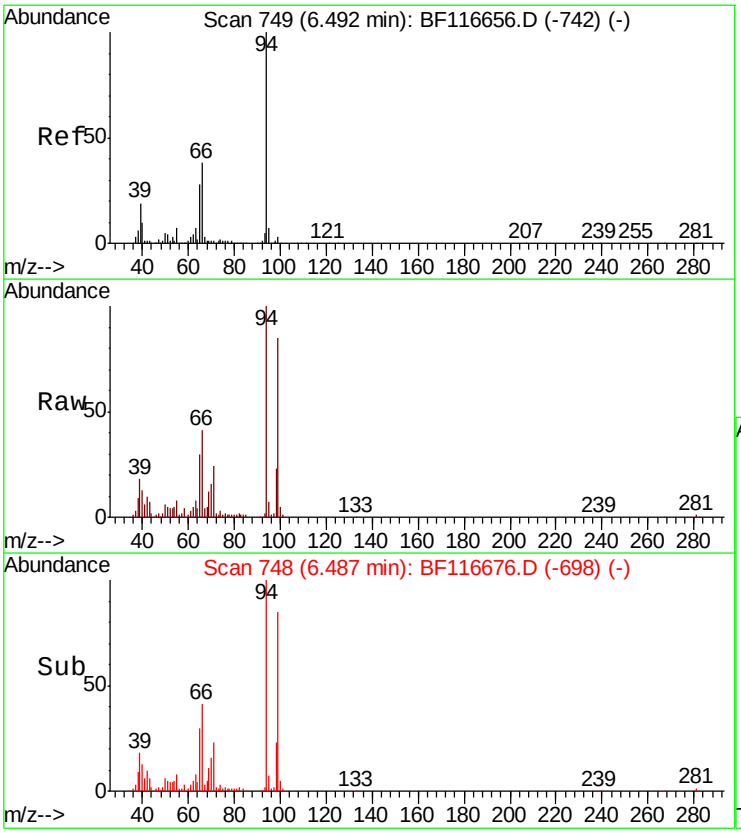
#7
Phenol-d6
Concen: 128.331 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1133290

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.7	20.5
71	36.3	30.8	46.2

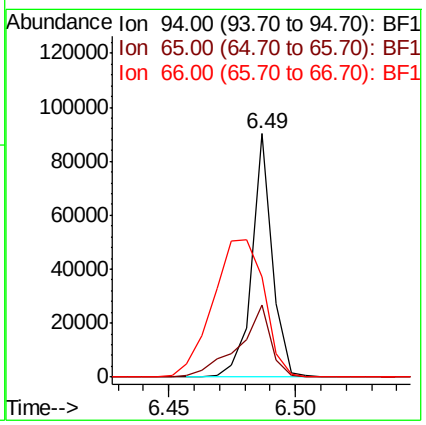


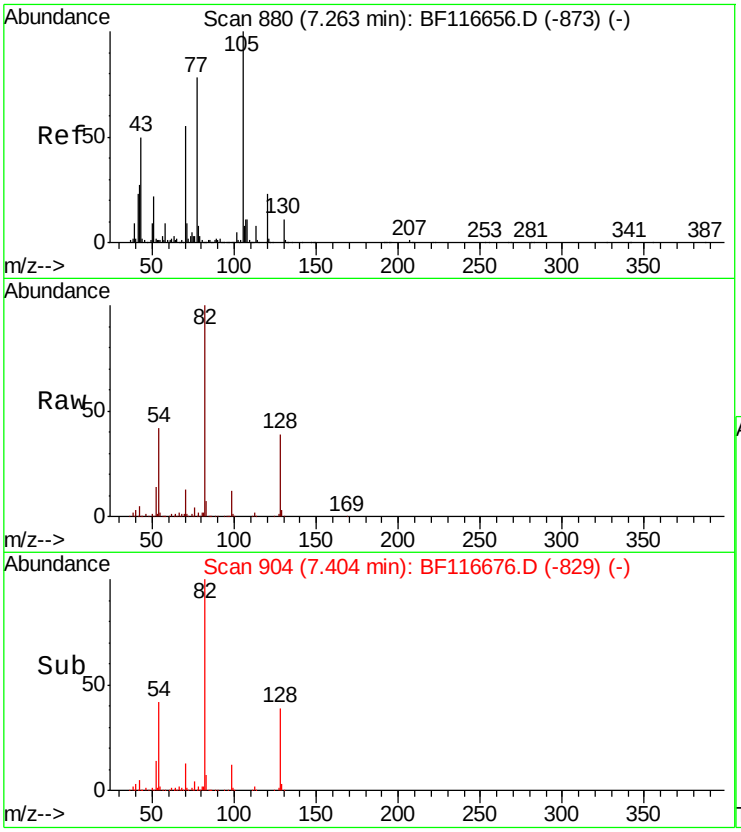


#10
Phenol
Concen: 5.177 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion: 94 Resp: 50625

Ion	Ratio	Lower	Upper
94	100		
65	29.7	10.8	50.8
66	41.3	21.1	61.1



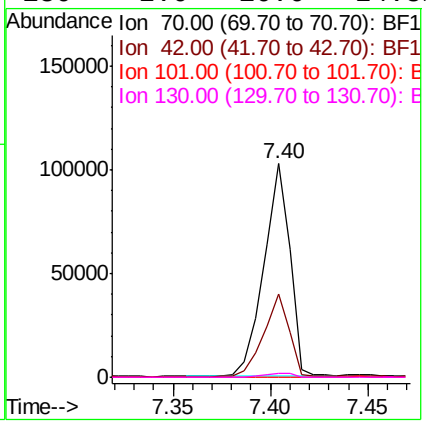


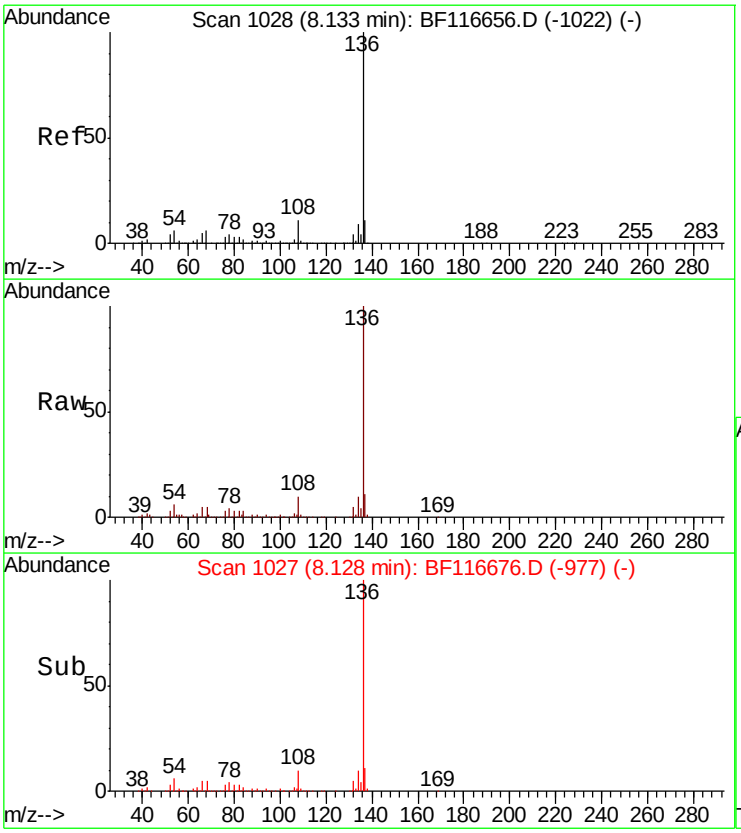
#19
n-Nitroso-di-n-propylamine
Concen: 16.355 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 95101

Ion	Ratio	Lower	Upper
70	100		
42	39.2	43.5	65.3#
101	0.0	7.8	11.6#
130	2.0	16.6	24.8#

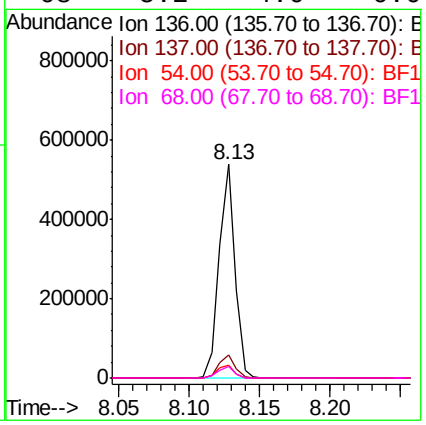


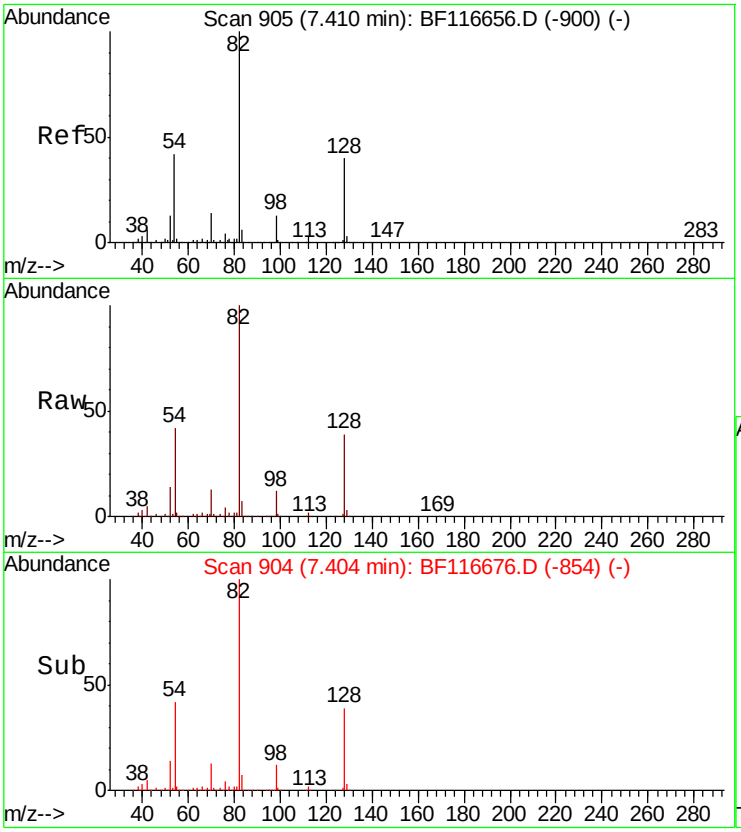


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion:136 Resp: 420153

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.9	4.8	7.2
68	5.2	4.0	6.0



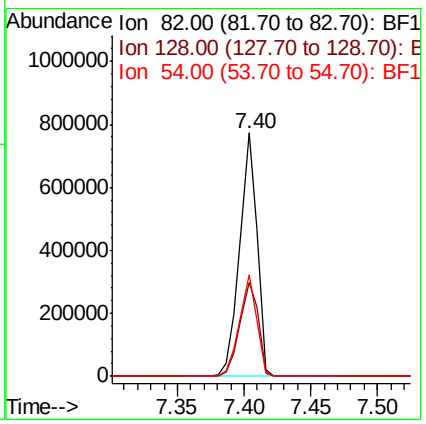


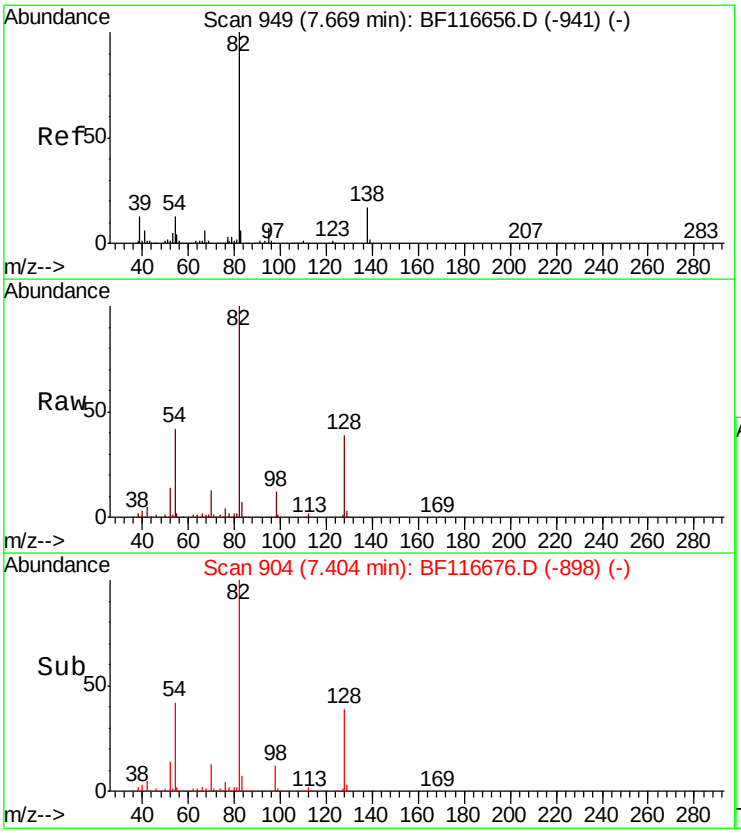
#23
Nitrobenzene-d5
Concen: 95.777 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 704899

Ion	Ratio	Lower	Upper
82	100		
128	38.8	32.8	49.2
54	41.8	36.9	55.3

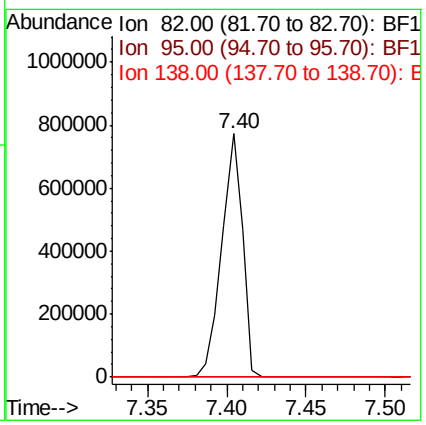


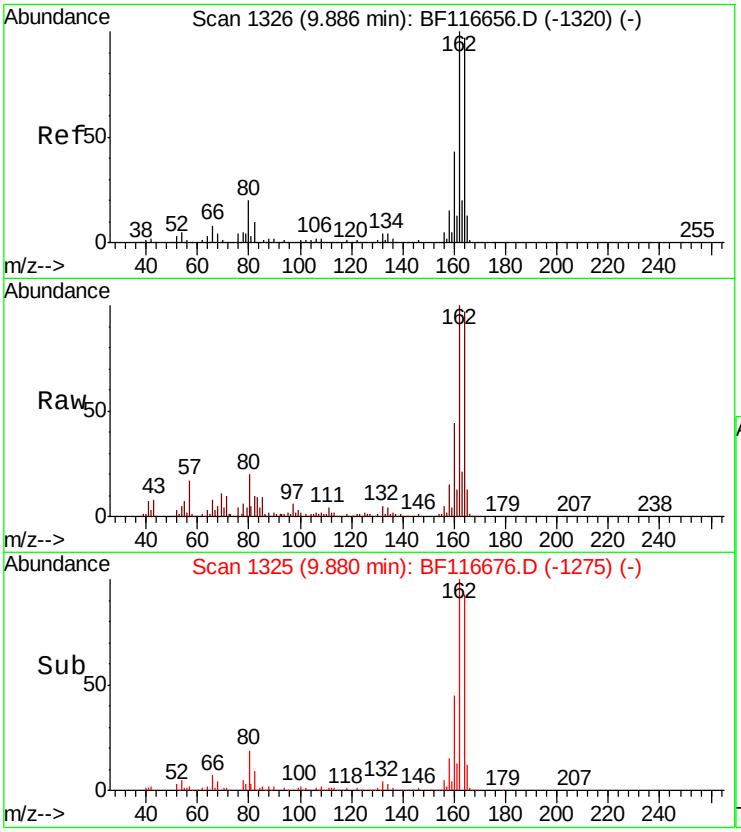


#25
Isophorone
Concen: 47.094 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion: 82 Resp: 702335

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



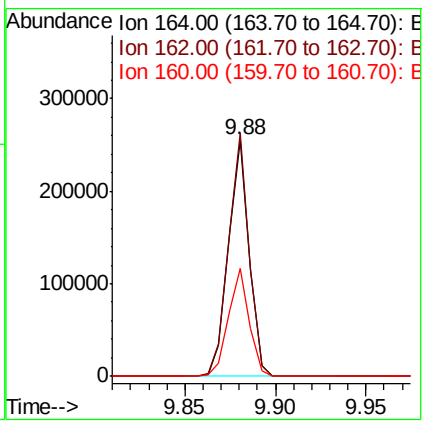


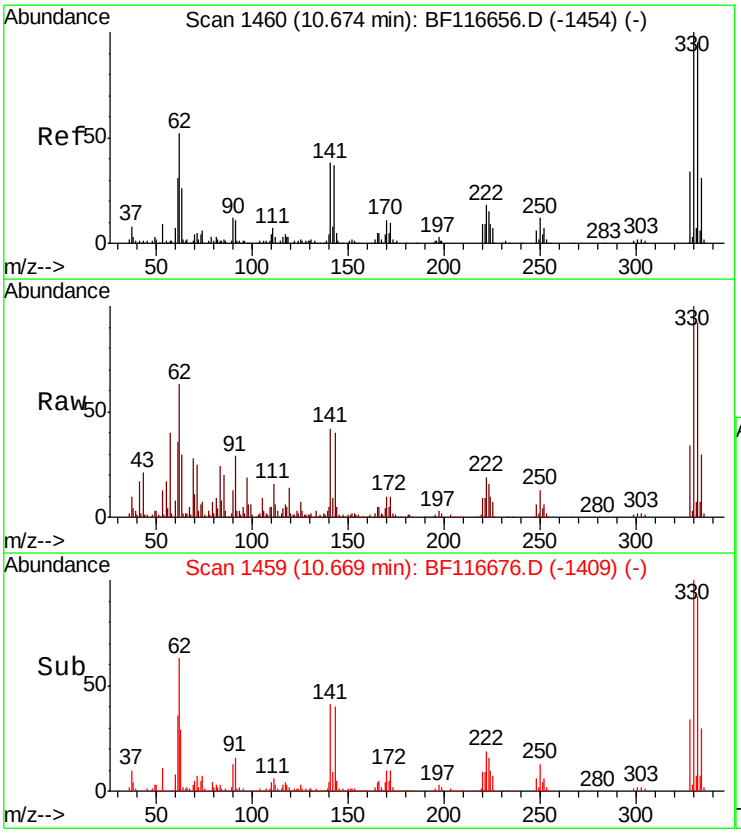
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 203994

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.4	122.0
160	45.8	35.4	53.2

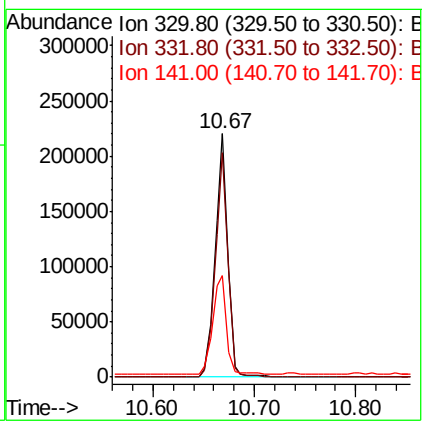


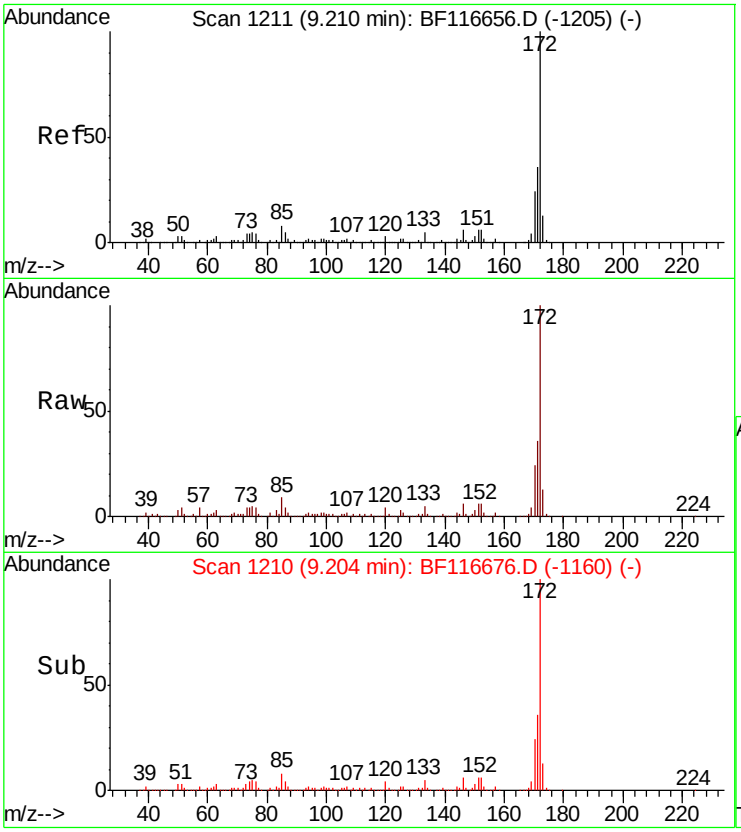


#42
2,4,6-Tribromophenol
Concen: 139.185 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion:330 Resp: 189812

Ion	Ratio	Lower	Upper
330	100		
332	92.7	76.9	115.3
141	44.6	31.4	47.2



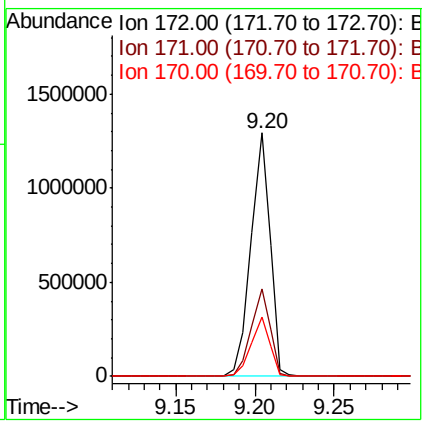


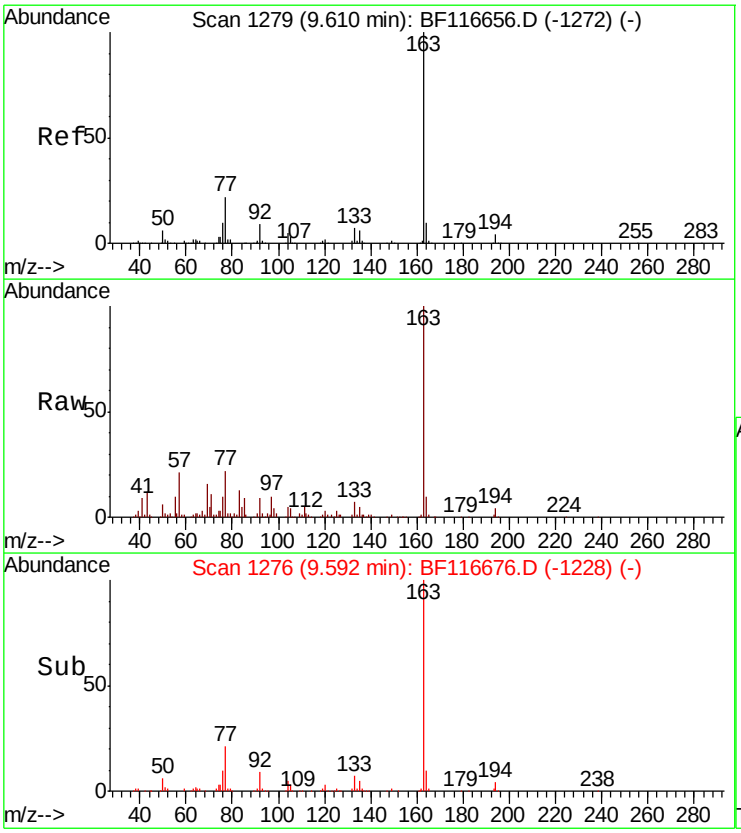
#45
2-Fluorobiphenyl
Concen: 90.050 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1088961

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	24.2	18.9	28.3

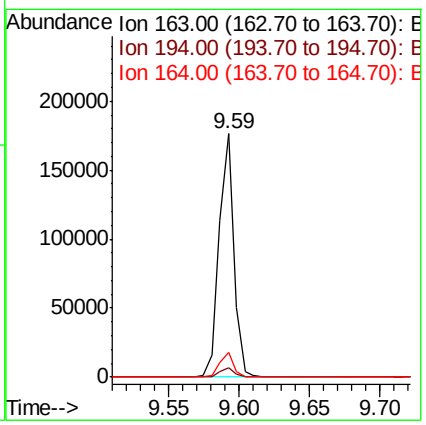


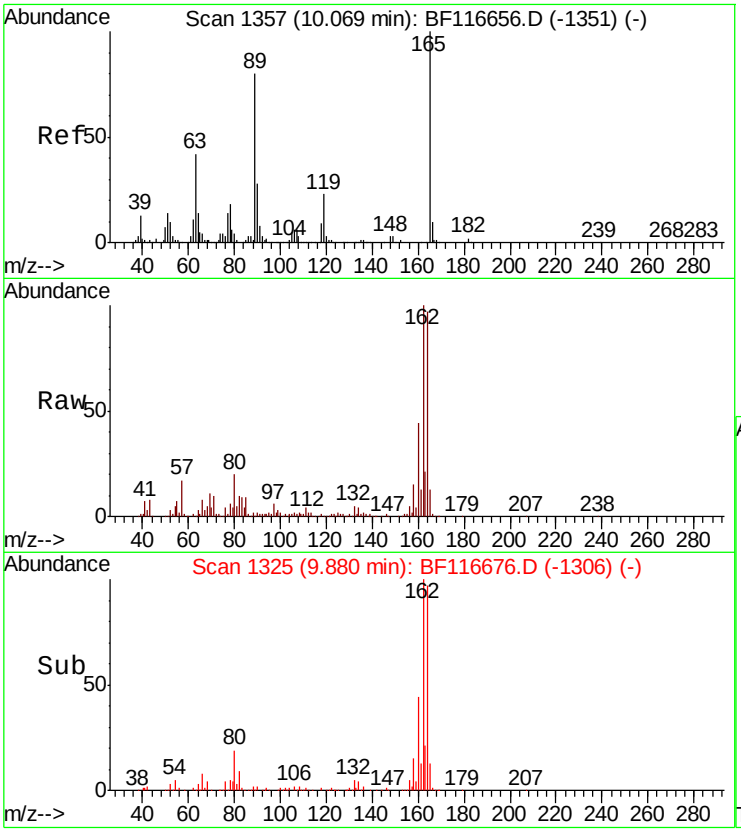


#50
Dimethylphthalate
Concen: 9.188 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion:163 Resp: 129394

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	10.0	8.6	12.8



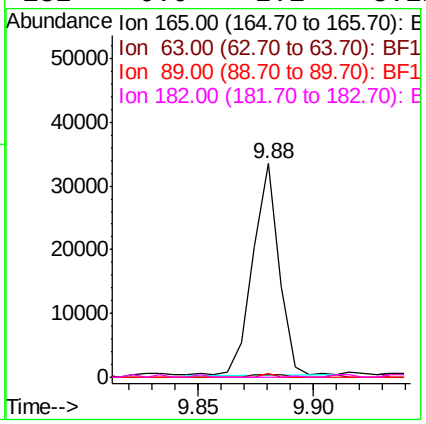


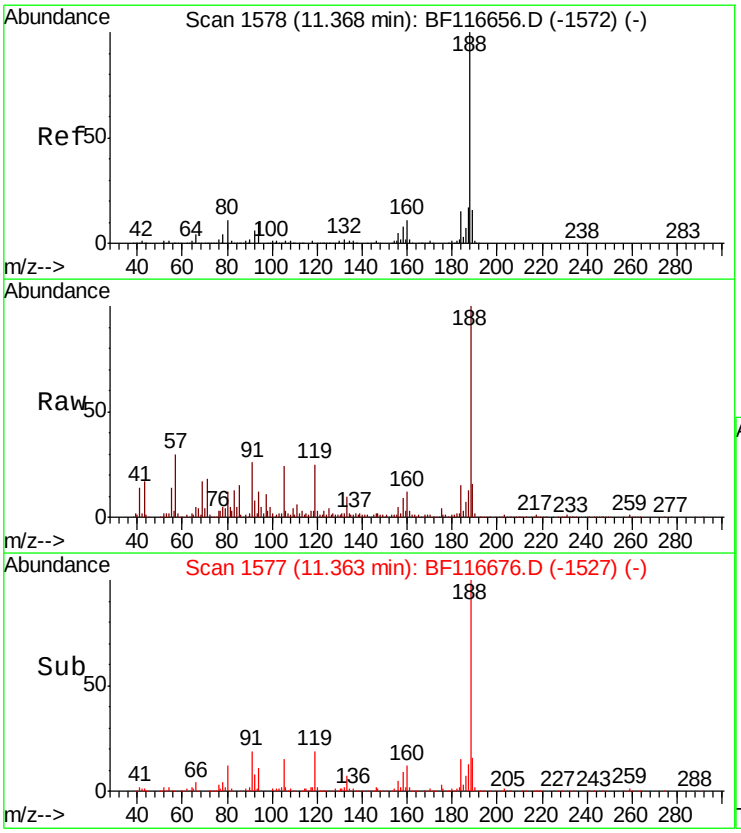
#57
2,4-Dinitrotoluene
Concen: 8.108 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26639

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.7	62.6	94.0#
182	0.0	2.1	3.1#

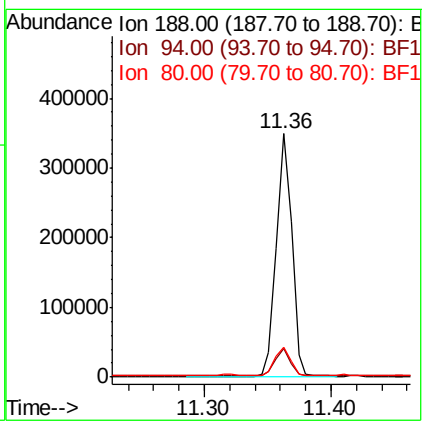


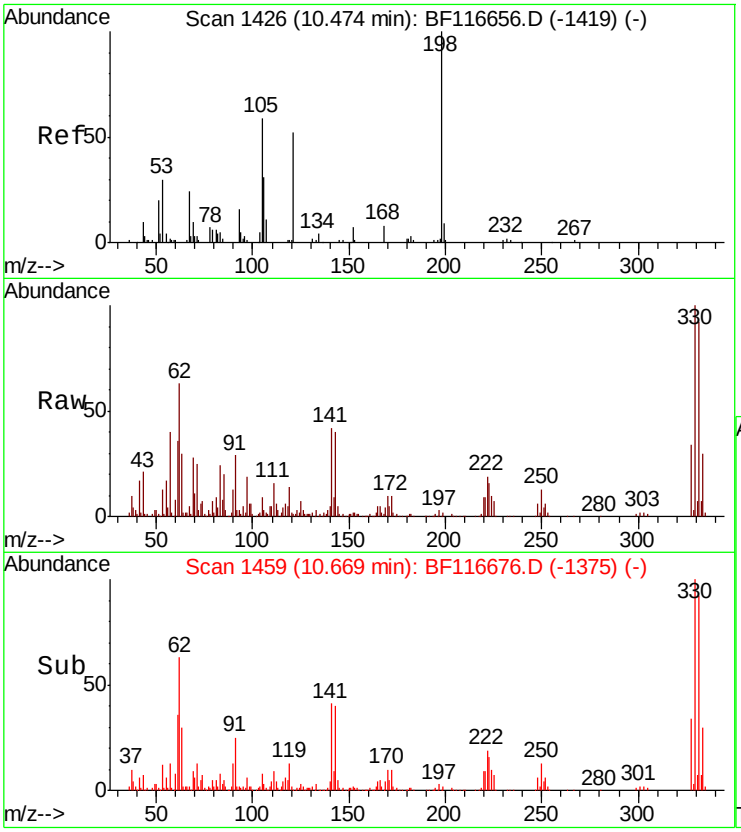


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion:188 Resp: 297893

Ion	Ratio	Lower	Upper
188	100		
94	11.8	7.3	10.9#
80	12.2	8.4	12.6



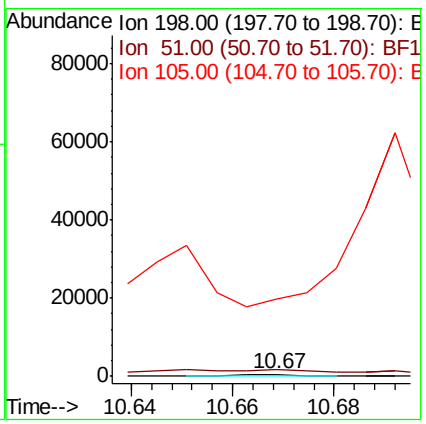


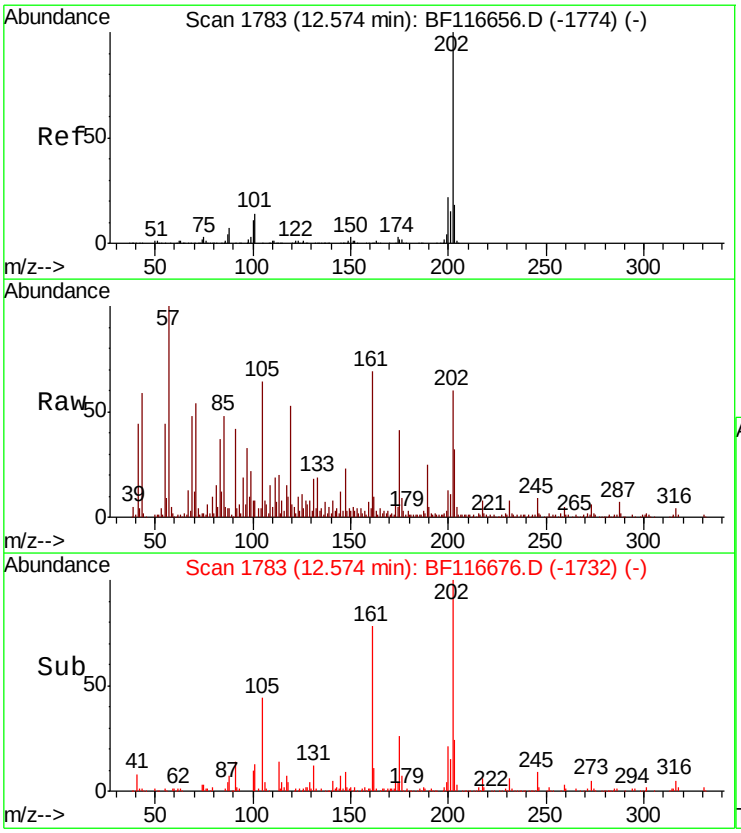
#65
4,6-Dinitro-2-methylphenol
Concen: 7.702 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.19 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 326

Ion	Ratio	Lower	Upper
198	100		
51	363.8	18.4	58.4#
105	3809.3	22.9	62.9#

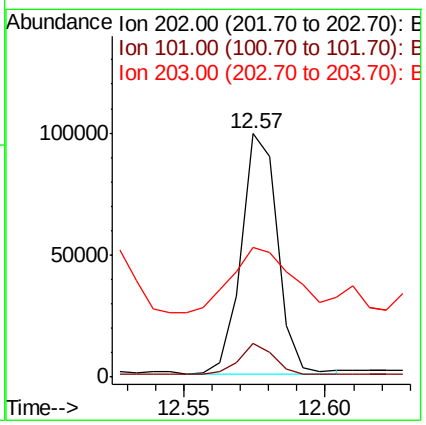


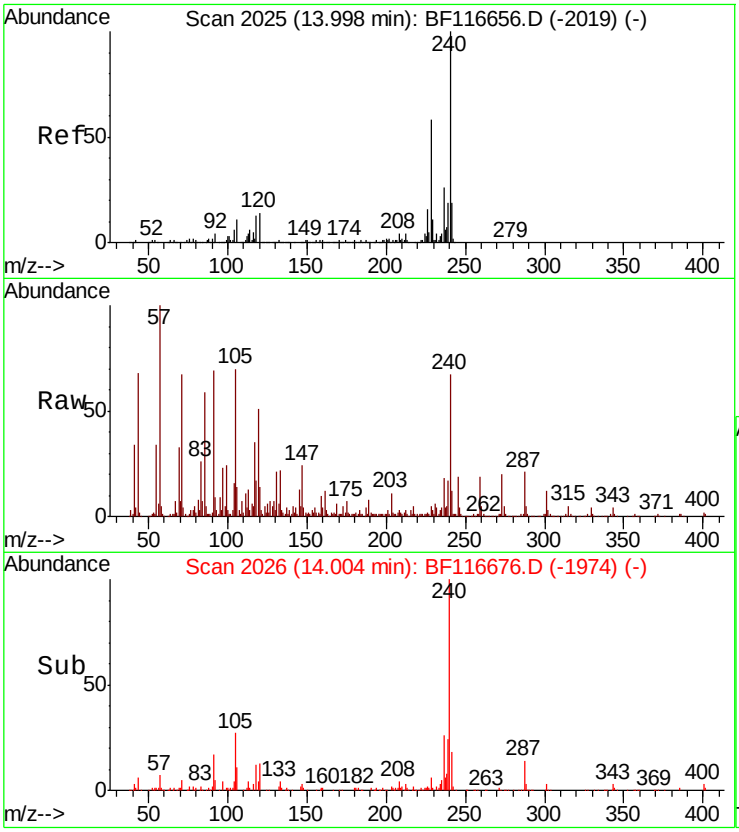


#75
Fluoranthene
Concen: 5.362 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion:202 Resp: 87381

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	31.3
203	53.2	0.0	37.6#



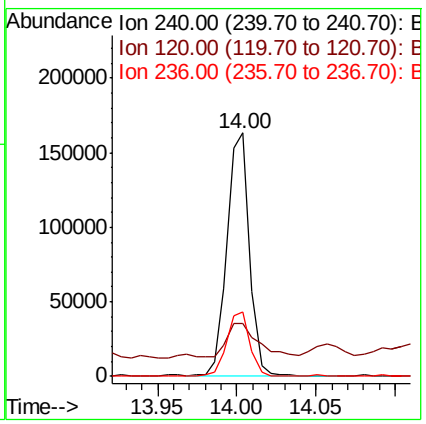


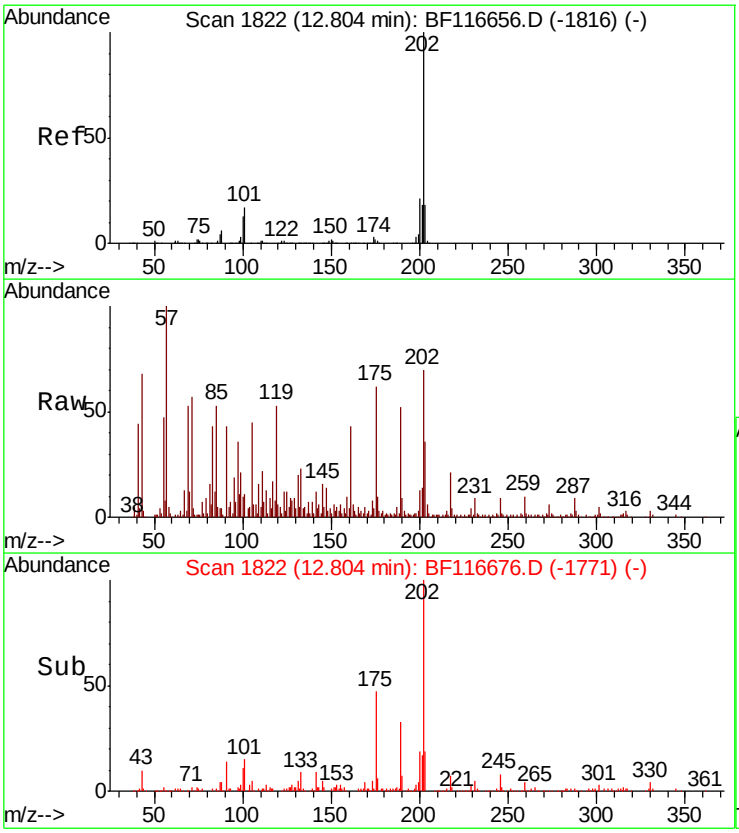
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 159254

Ion	Ratio	Lower	Upper
240	100		
120	21.5	9.1	13.7#
236	26.7	21.1	31.7

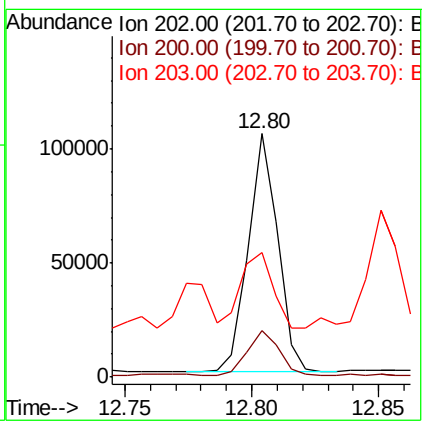


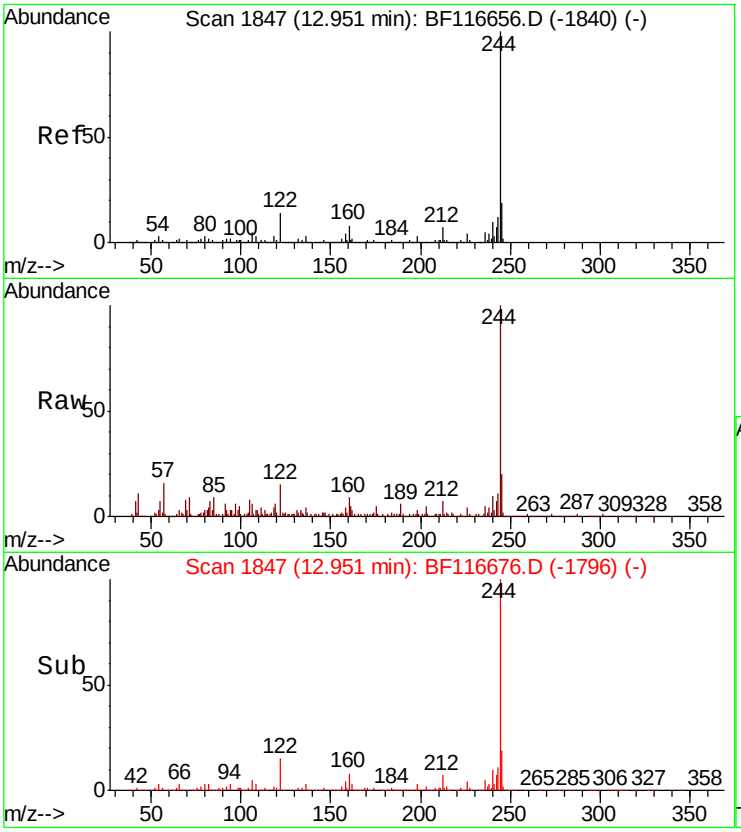


#78
Pyrene
Concen: 6.045 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion:202 Resp: 85583

Ion	Ratio	Lower	Upper
202	100		
200	19.3	16.5	24.7
203	50.9	13.7	20.5#



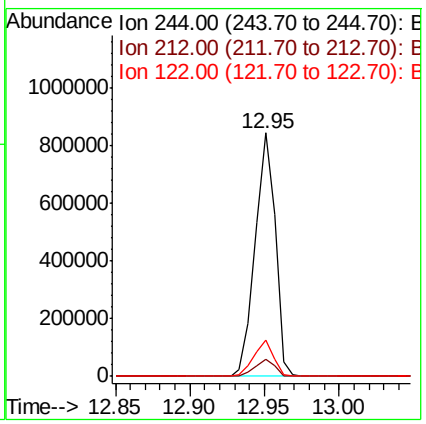


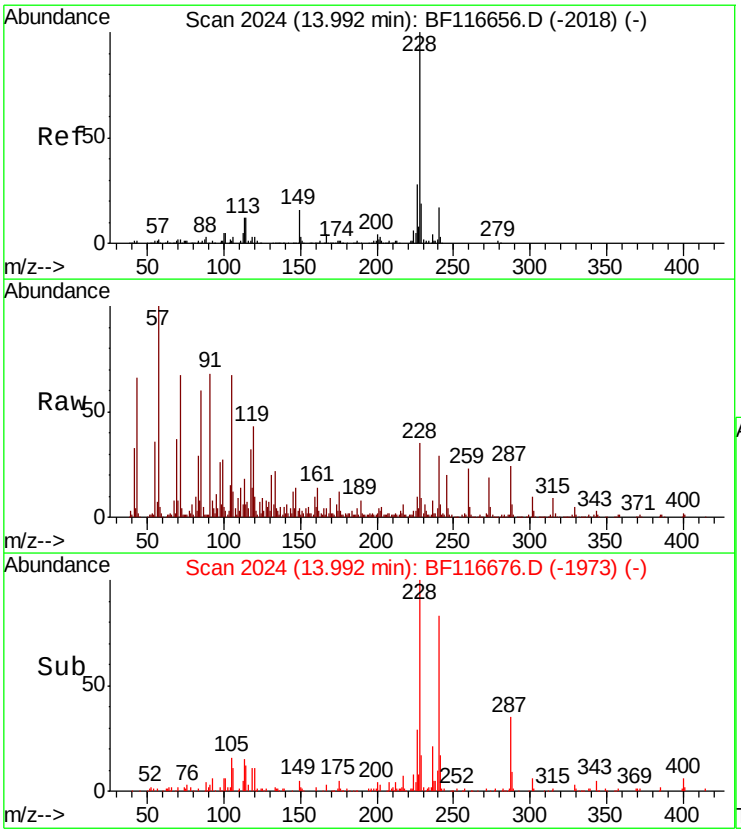
#79
Terphenyl-d14
Concen: 90.324 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 777566

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	14.9	10.2	15.4

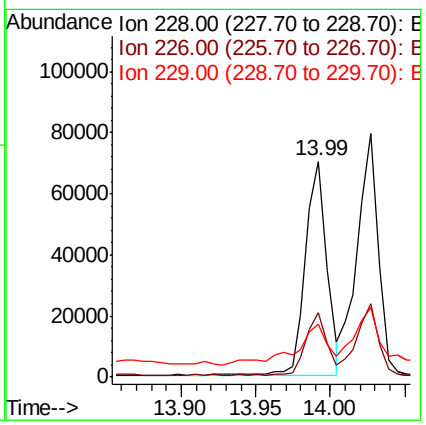


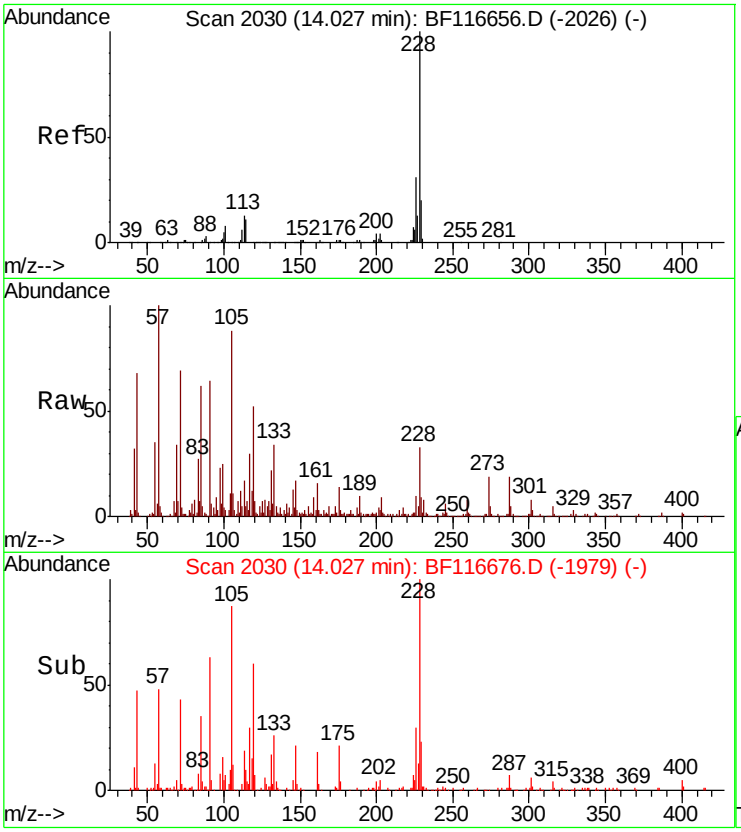


#81
Benzo(a)anthracene
Concen: 6.989 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion:228 Resp: 70439

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.0	33.0
229	24.6	16.4	24.6#



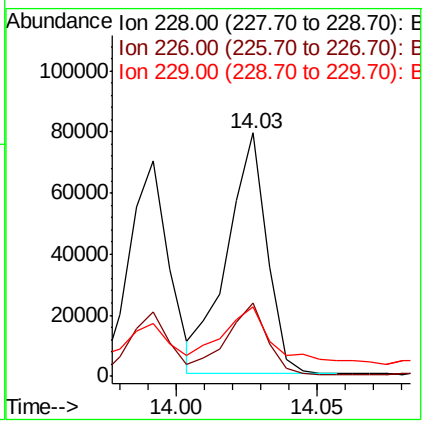


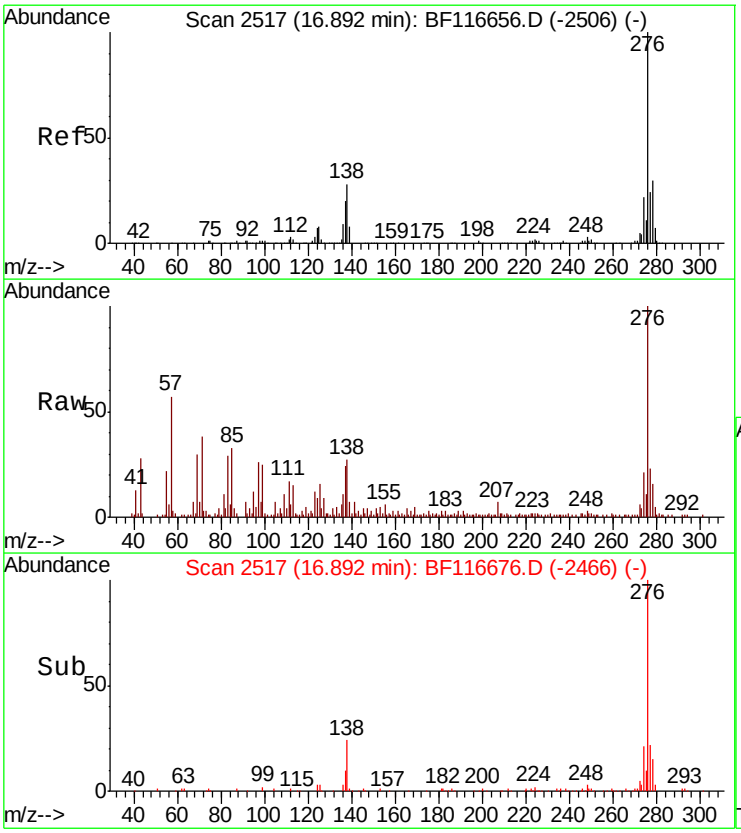
#83
Chrysene
Concen: 7.456 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 77421

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	28.4	15.4	23.0#

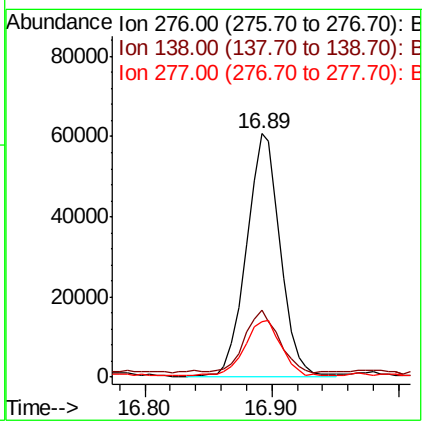


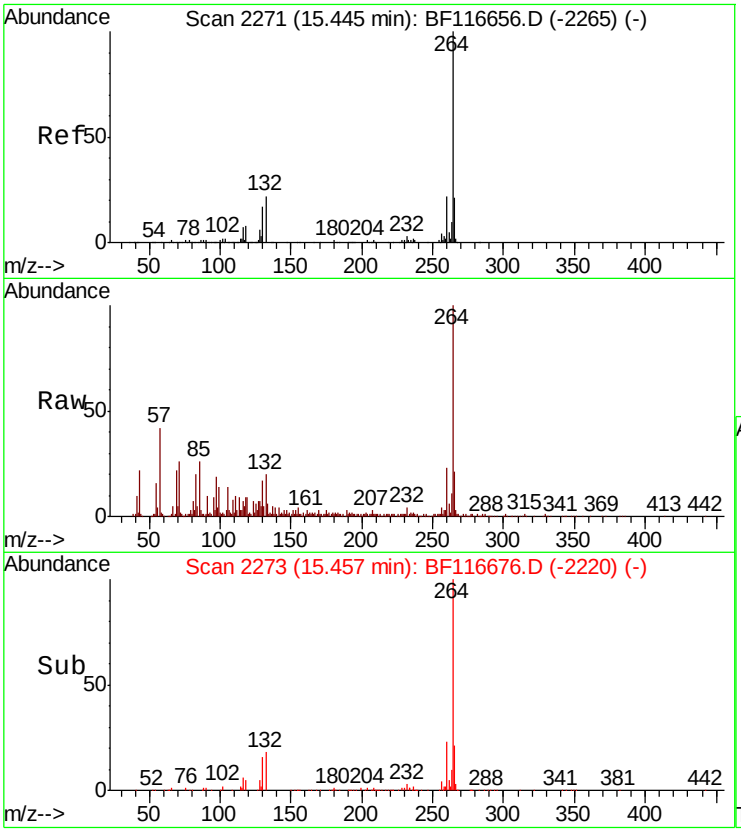


#86
Indeno(1,2,3-cd)pyrene
Concen: 13.575 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion:276 Resp: 113222

Ion	Ratio	Lower	Upper
276	100		
138	25.8	19.4	29.2
277	24.4	20.5	30.7



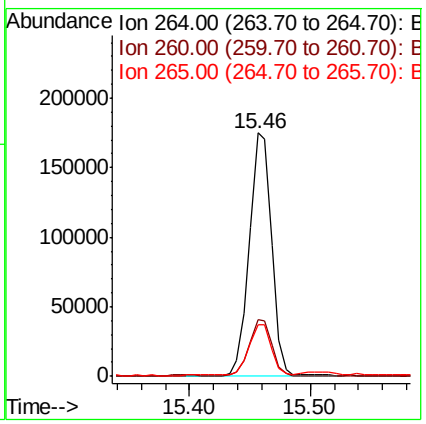


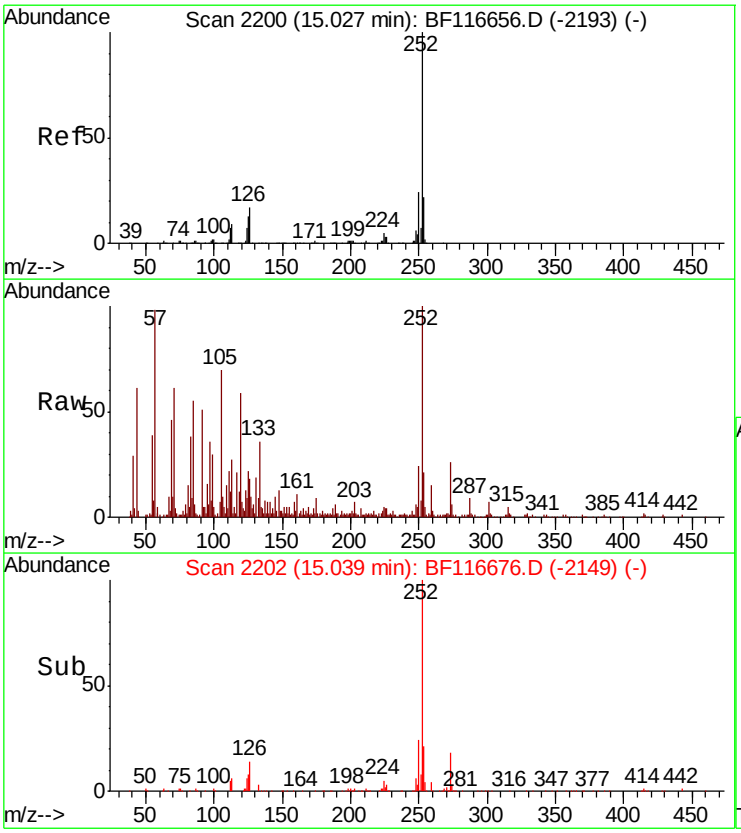
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 227943

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.2	16.5	24.7

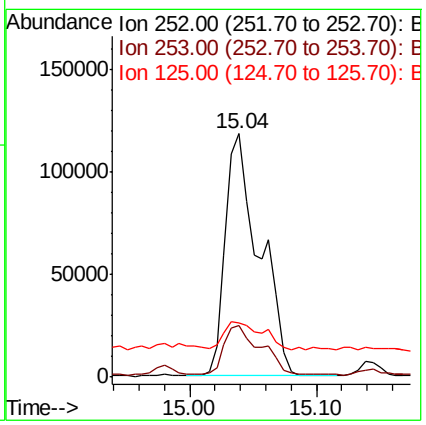


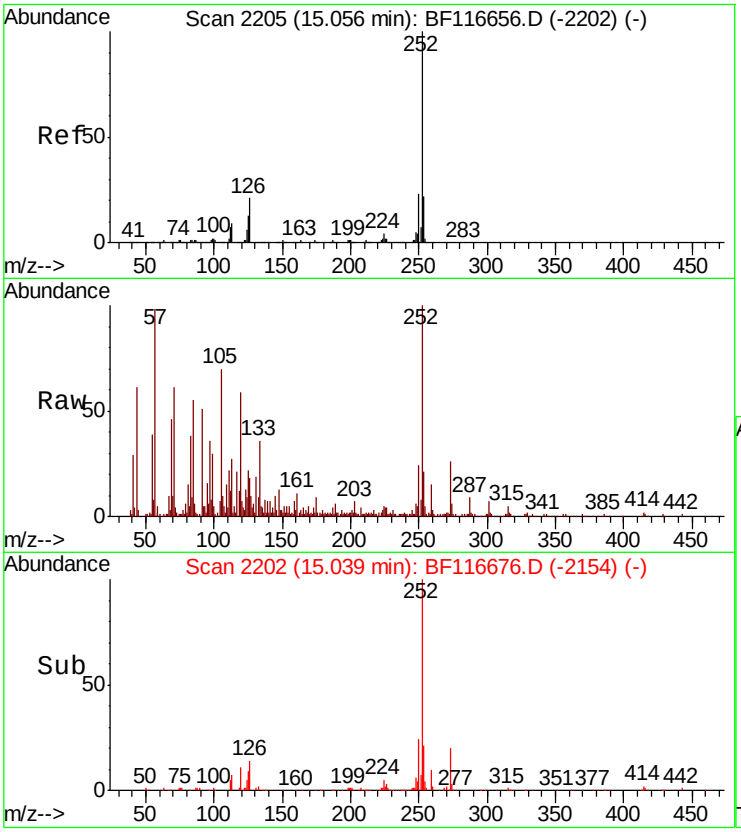


#88
Benzo(b)fluoranthene
Concen: 15.965 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion:252 Resp: 220016

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	22.2	8.2	12.2#



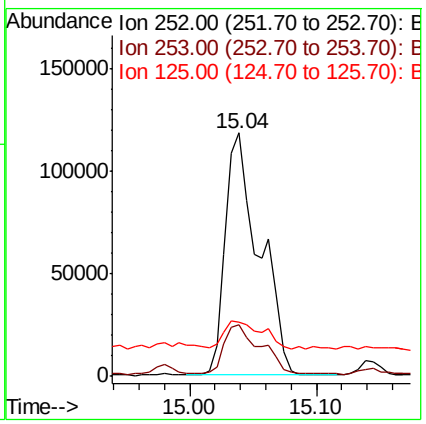


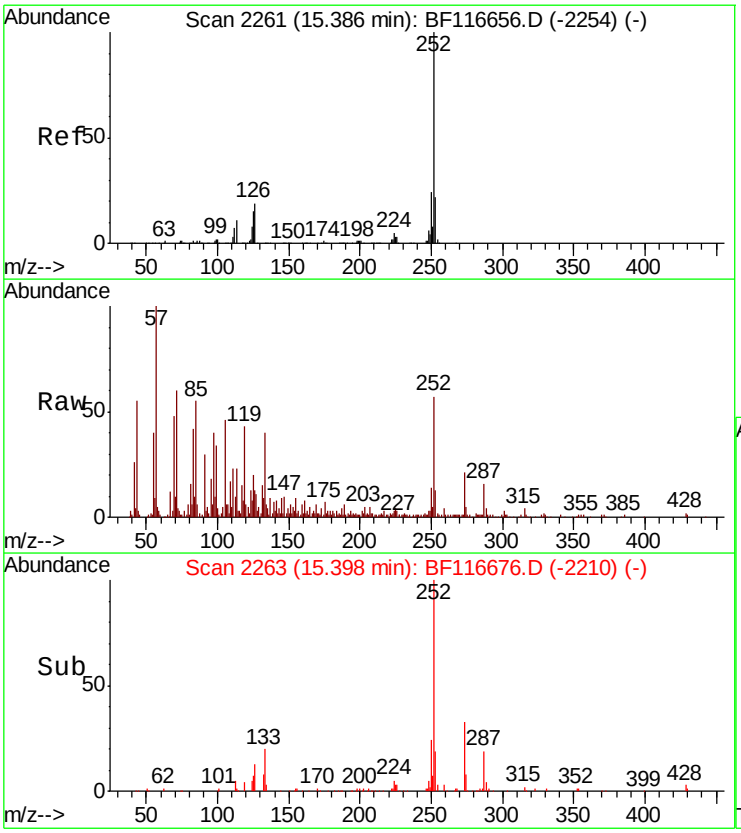
#89
Benzo(k)fluoranthene
Concen: 17.510 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 220016

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	22.2	8.6	13.0#

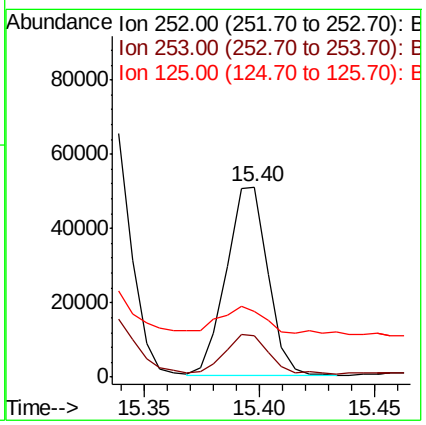


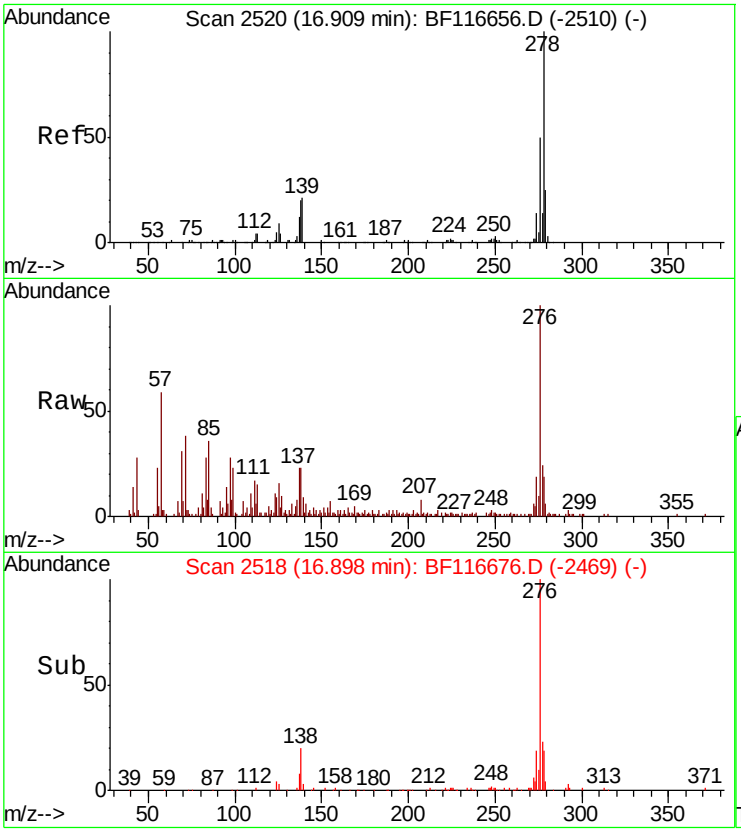


#90
Benzo(a)pyrene
Concen: 5.331 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion:252 Resp: 63919

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	34.9	9.8	14.8#



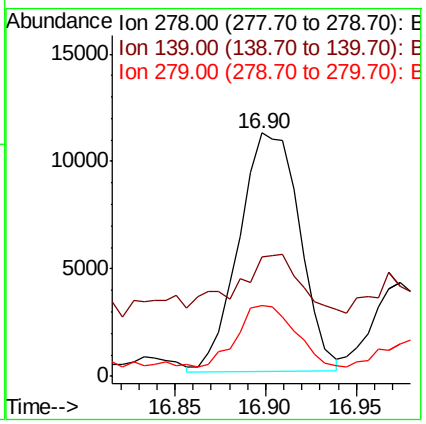


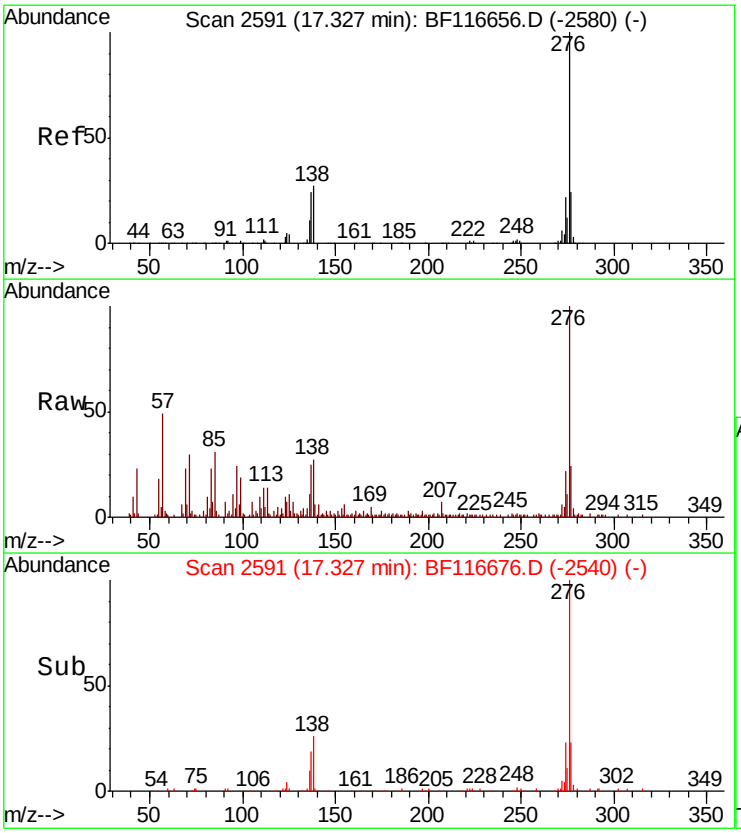
#91
Dibenzo(a,h)anthracene
Concen: 2.466 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 25875

Ion	Ratio	Lower	Upper
278	100		
139	48.9	12.4	18.6#
279	28.9	18.2	27.4#





#92
Benzo(g,h,i)perylene
Concen: 11.797 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.00 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion:276 Resp: 126270

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	27.4	16.2	24.2#