Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032219\
Data File : BF113246.D
Acq On : 22 Mar 2019 20:42
Operator : JU/SJ
Sample : K2004-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 22 23:29:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147253	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	577070	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	251529	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	431728	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	389890	20.00	ng	-0.01
87) Perylene-d12	15.27	264	414009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	262562	27.74	ng	-0.02
7) Phenol-d6	6.36	99	356115	29.95	ng	-0.02
23) Nitrobenzene-d5	7.27	82	196785	20.41	ng	-0.03
42) 2,4,6-Tribromophenol	10.53	330	87539	32.78	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	364480	18.97	ng	-0.02
79) Terphenyl-d14	12.80	244	306953	15.26	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	24801	3.293	ng	# 80
25) Isophorone	7.27	82	196782	9.471	ng	# 66
51) 2,6-Dinitrotoluene	9.75	165	31481	8.151	ng	# 18
57) 2,4-Dinitrotoluene	9.75	165	31481	6.558	ng	# 17
83) Chrysene	13.88	228	56734	2.143	ng	97
88) Benzo(b)fluoranthene	14.87	252	71804	2.681	ng	99
89) Benzo(k)fluoranthene	14.87	252	71804	2.960	ng	98
90) Benzo(a)pyrene	15.21	252	52444	2.214	ng	96
92) Benzo(g,h,i)perylene	17.04	276	52862	2.605	ng	96

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

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ALS Vial : 19 Sample Multiplier: 1

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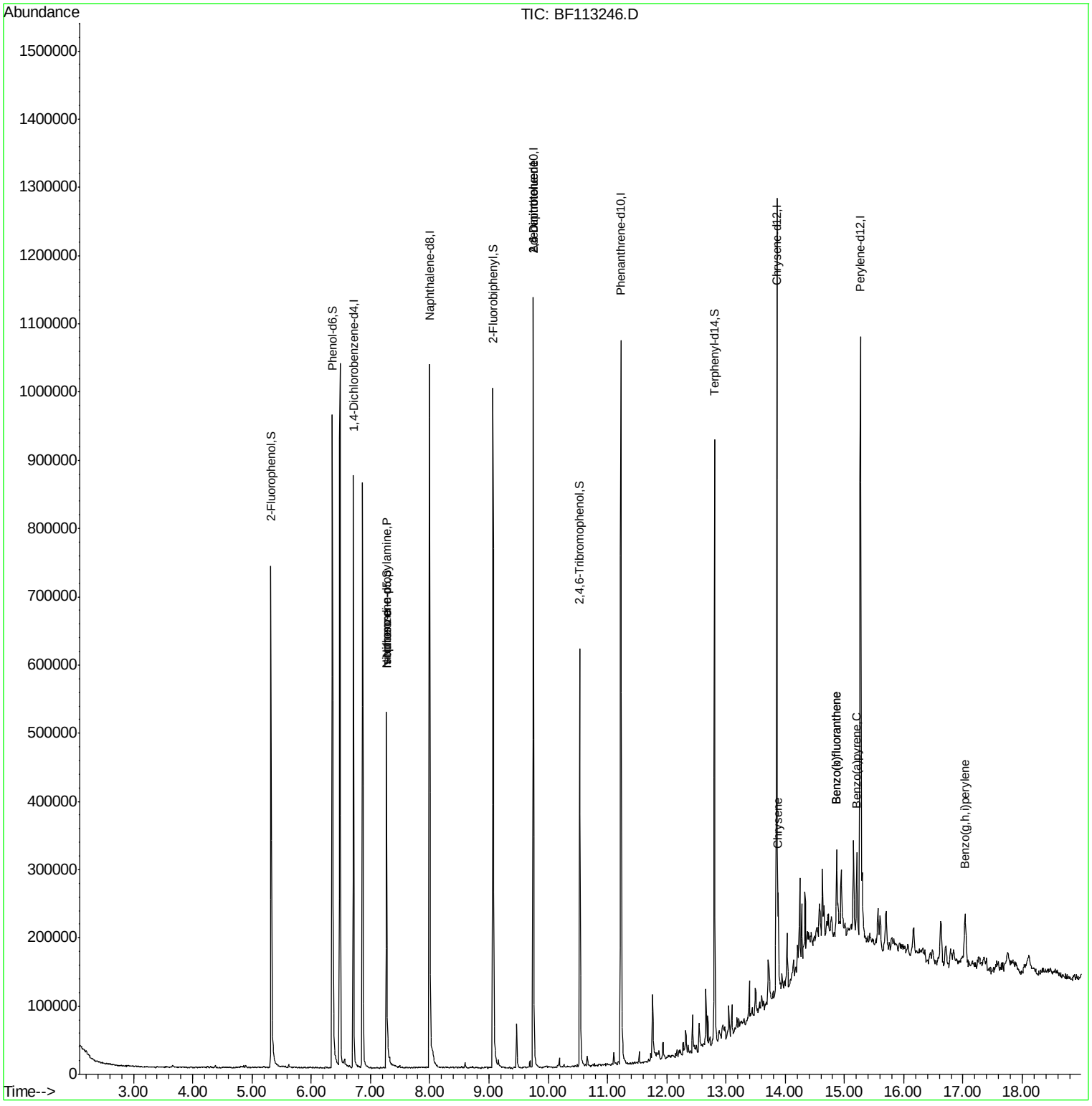
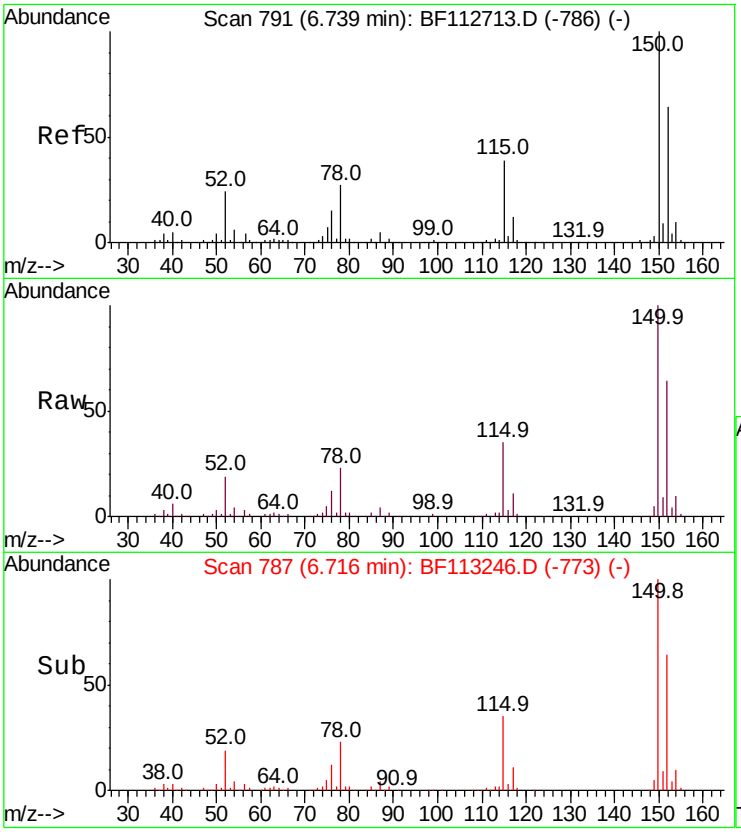
BNA_F
ClientSampleId :

Quant Time: Mar 22 23:29:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



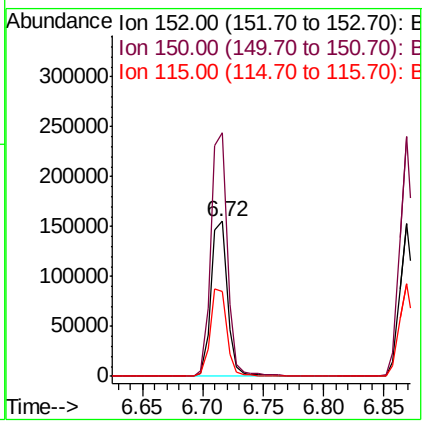


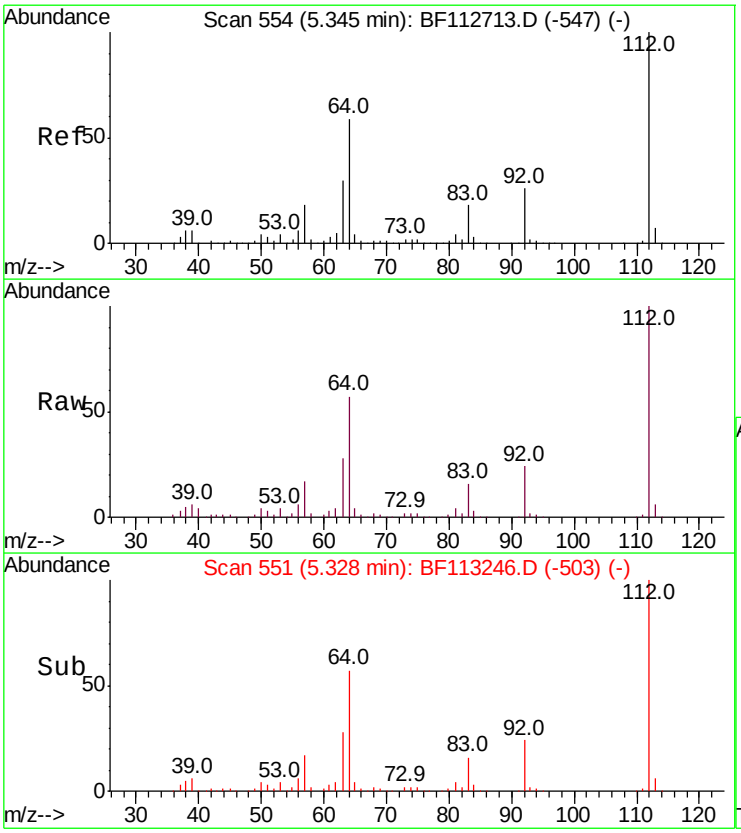
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 147253

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.2	186.2
115	54.7	48.2	72.4

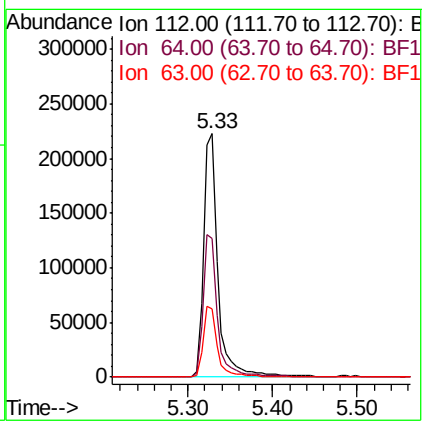


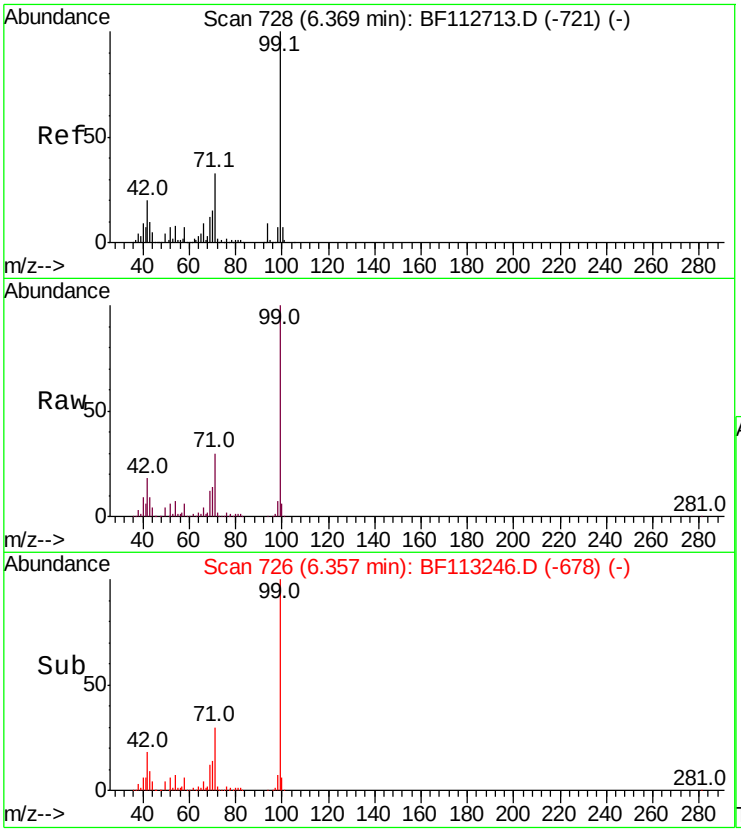


#5
2-Fluorophenol
Concen: 27.736 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Tgt Ion:112 Resp: 262562

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.6	71.4
63	27.8	24.4	36.6



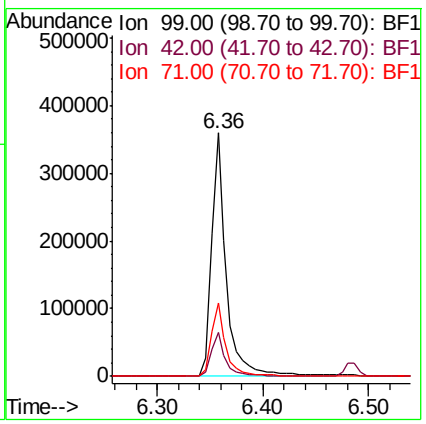


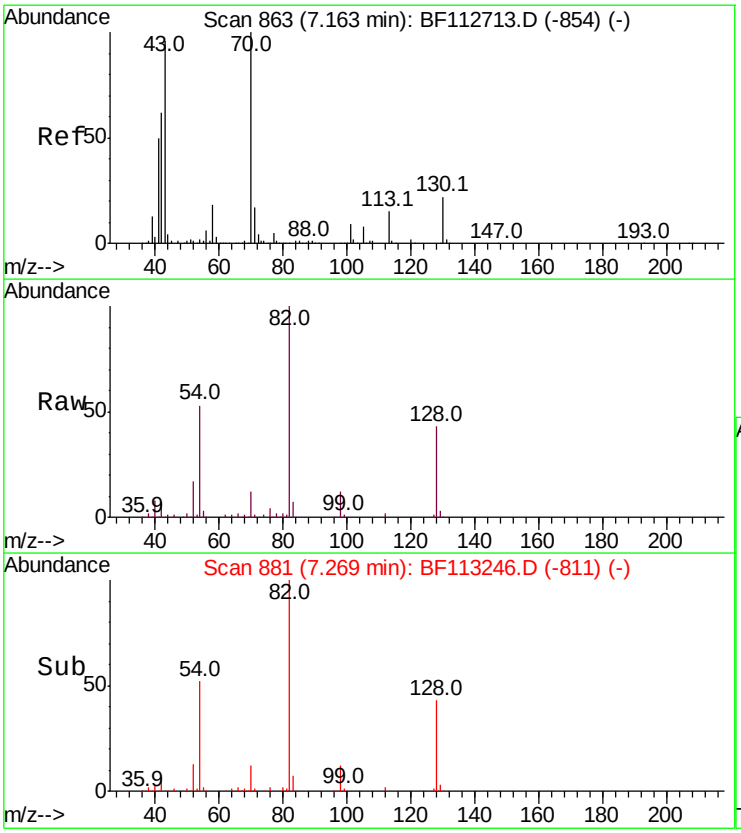
#7
Phenol-d6
Concen: 29.948 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 356115

Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.3	24.5
71	29.9	26.2	39.4

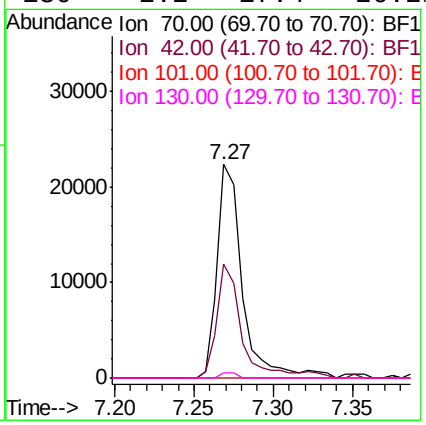


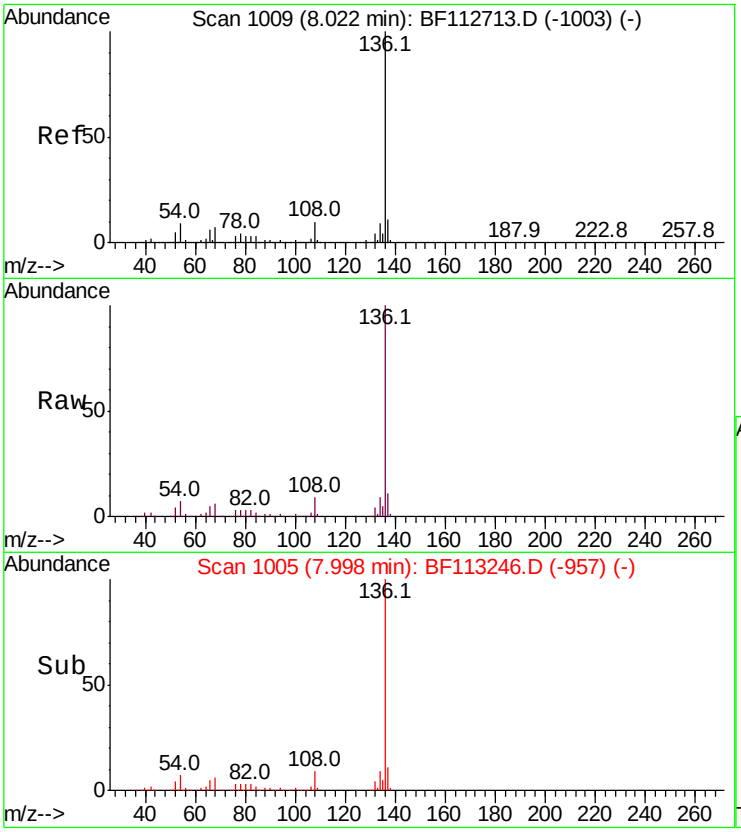


#19
n-Nitroso-di-n-propylamine
Concen: 3.293 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.11 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Tgt Ion: 70 Resp: 24801

Ion	Ratio	Lower	Upper
70	100		
42	53.2	49.9	74.9
101	0.0	7.4	11.2#
130	2.2	17.4	26.2#



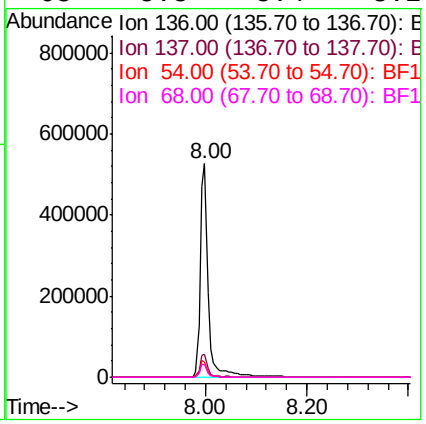


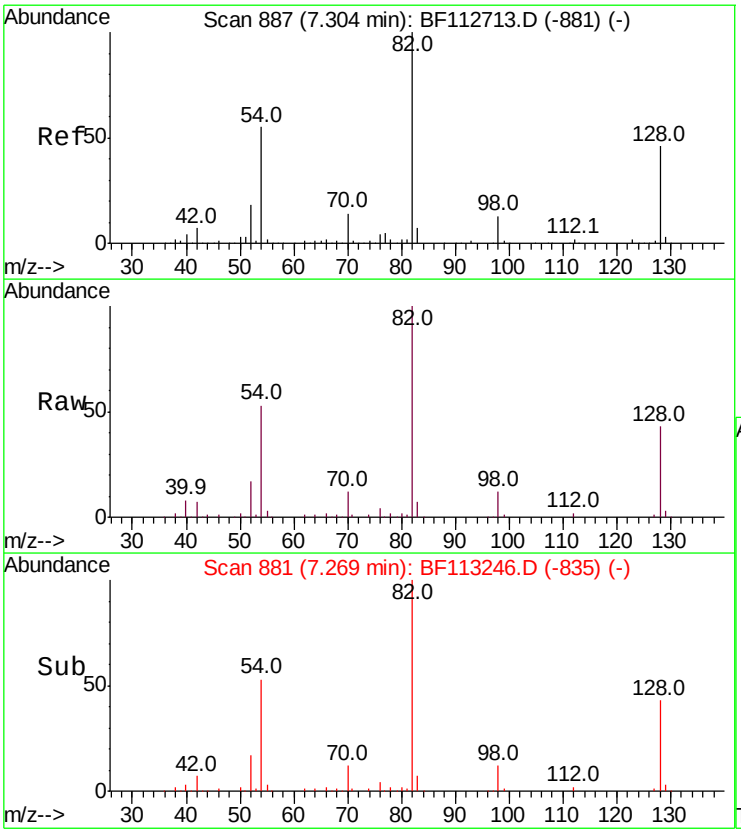
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 577070

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	7.3	10.9
68	5.8	5.4	8.2

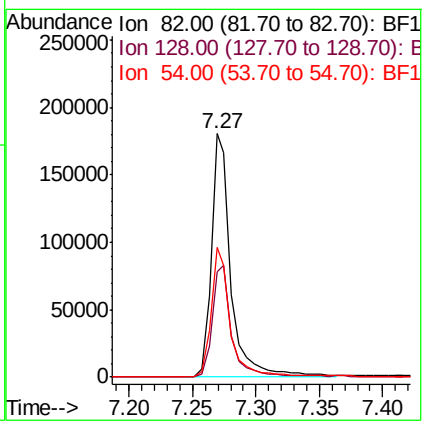


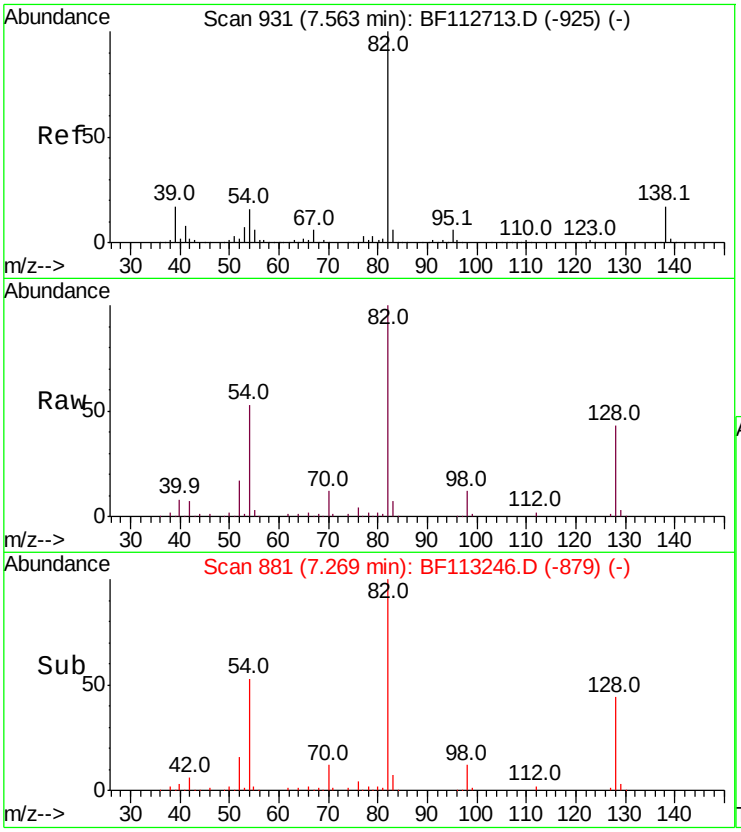


#23
Nitrobenzene-d5
Concen: 20.405 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.03 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Tgt Ion: 82 Resp: 196785

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.3	54.5
54	53.5	43.7	65.5



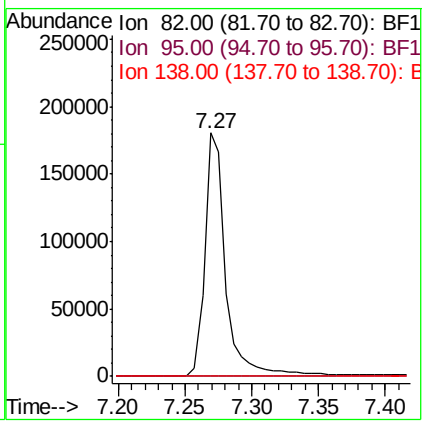


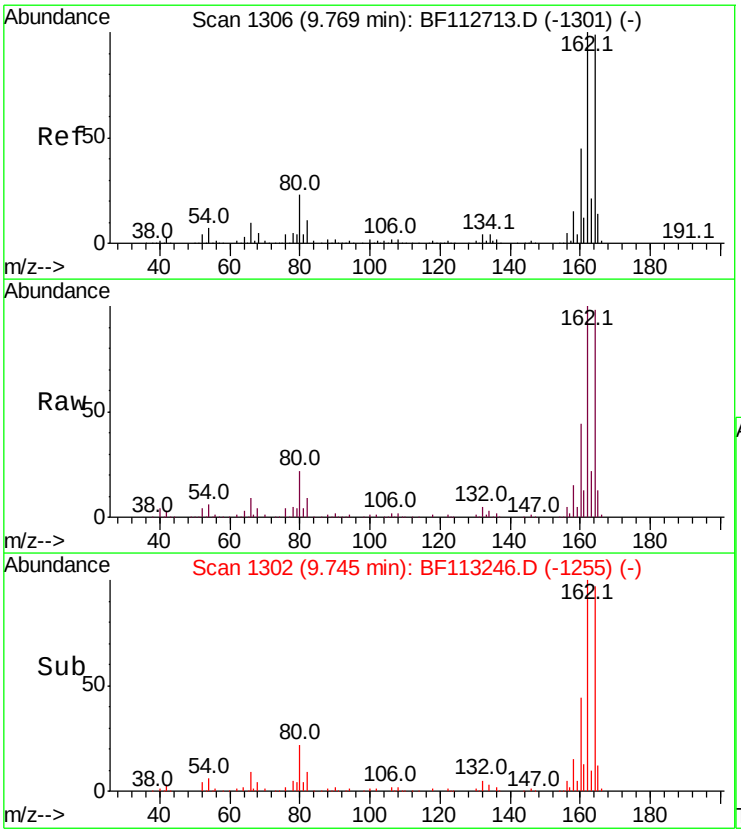
#25
Isophorone
Concen: 9.471 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.29 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 196782

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

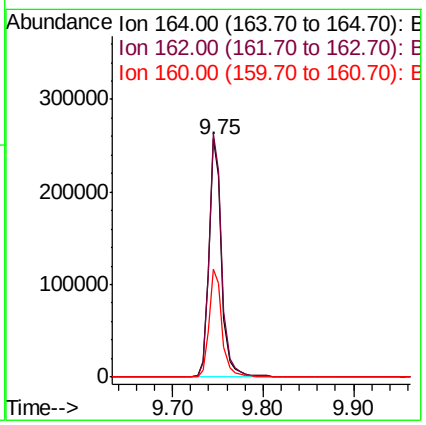


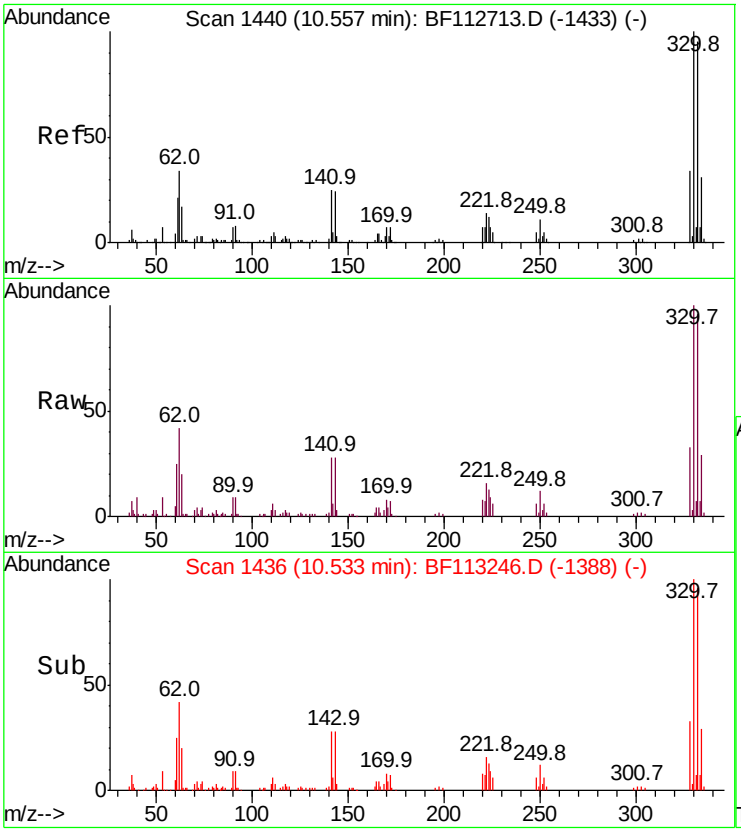


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Tgt Ion:164 Resp: 251529

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	120.8
160	45.4	36.0	54.0



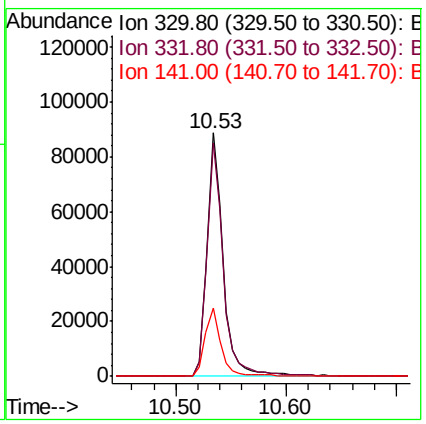


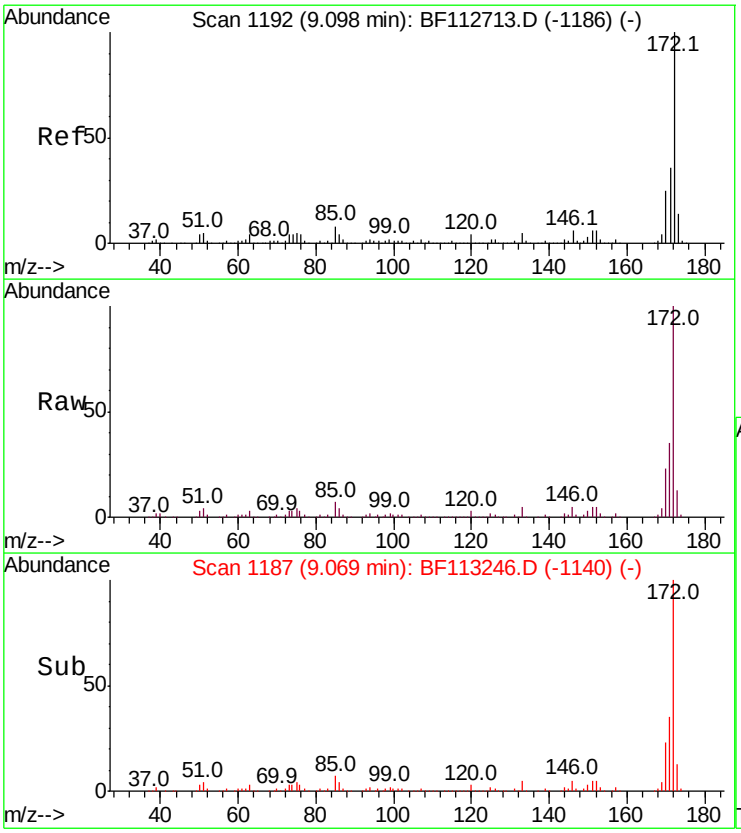
#42
2,4,6-Tribromophenol
Concen: 32.783 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 87539

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.4
141	28.1	27.0	40.6

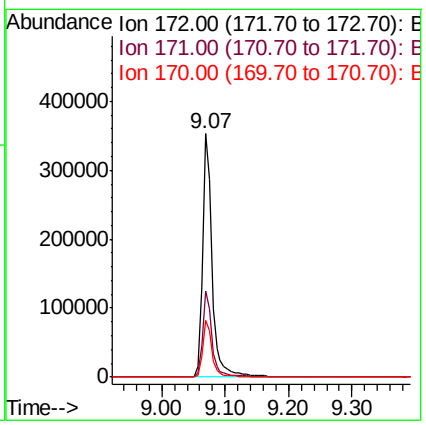


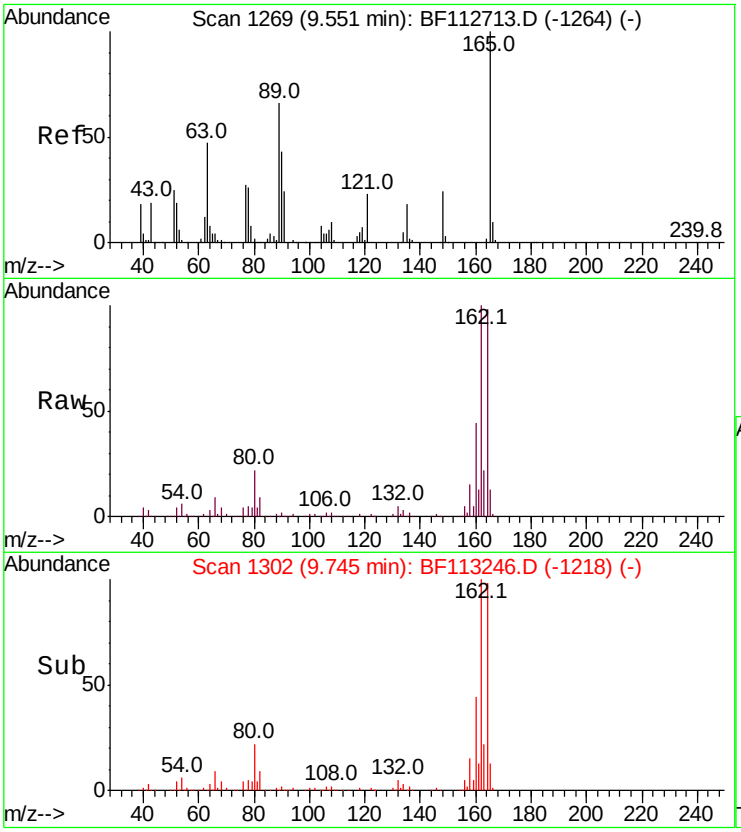


#45
2-Fluorobiphenyl
Concen: 18.971 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Tgt Ion:172 Resp: 364480

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.4
170	23.4	20.0	30.0



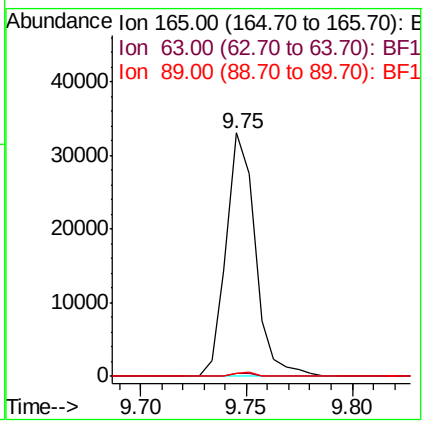


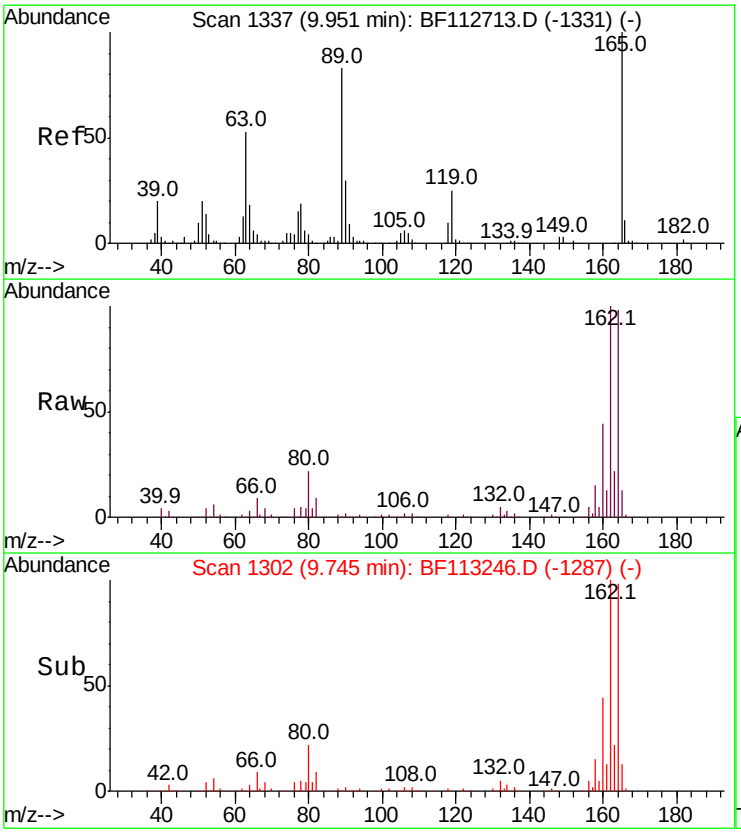
#51
2,6-Dinitrotoluene
Concen: 8.151 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.19 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31481

Ion	Ratio	Lower	Upper
165	100		
63	1.0	54.1	81.1#
89	1.2	52.8	79.2#

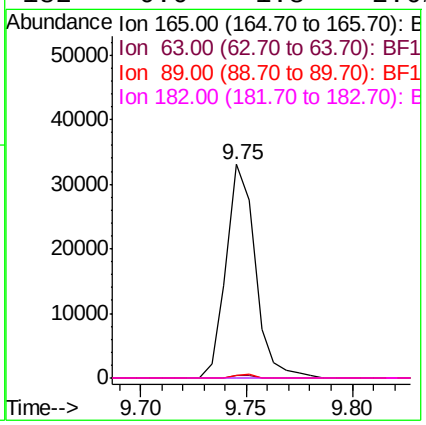


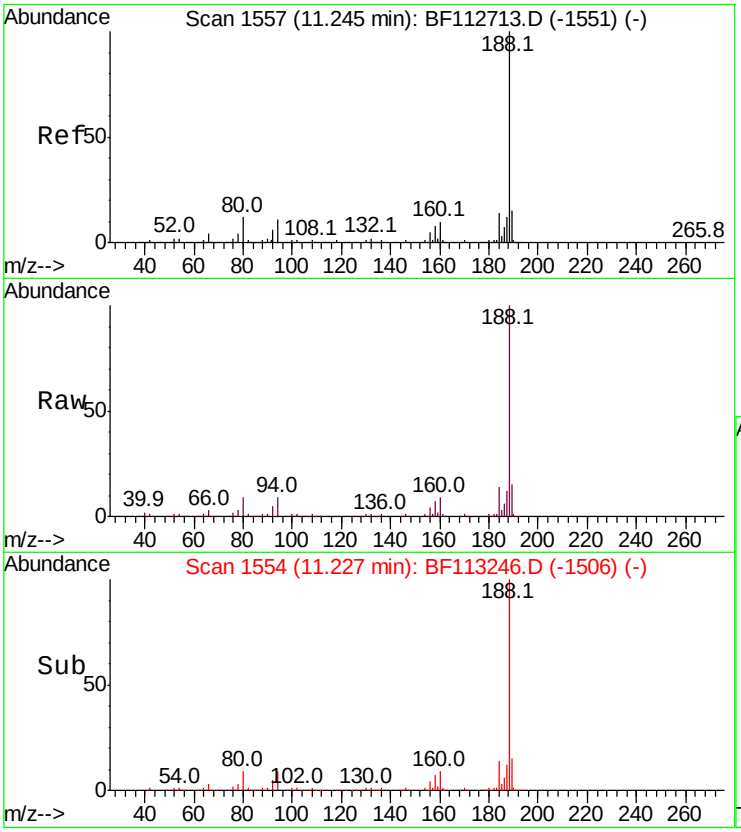


#57
2,4-Dinitrotoluene
Concen: 6.558 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Tgt Ion:165 Resp: 31481

Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#



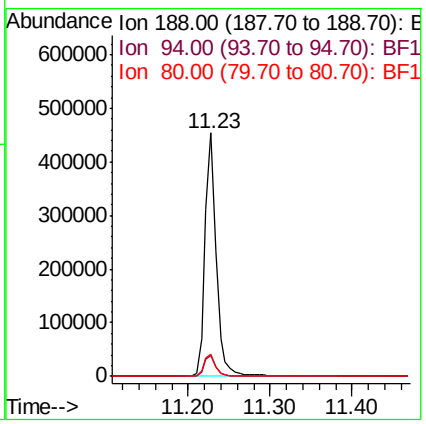


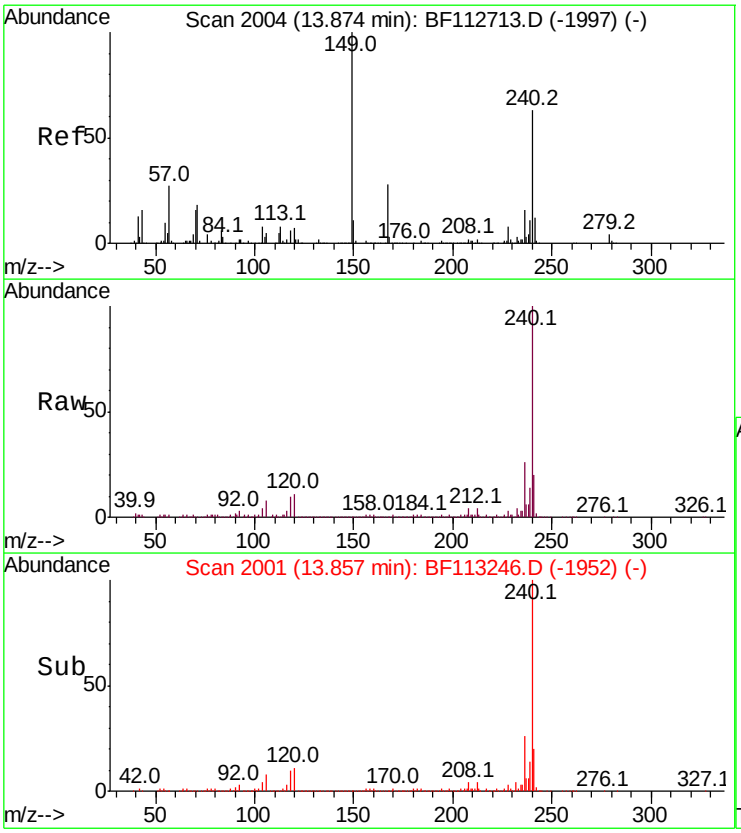
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 431728

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.4#
80	9.3	9.2	13.8

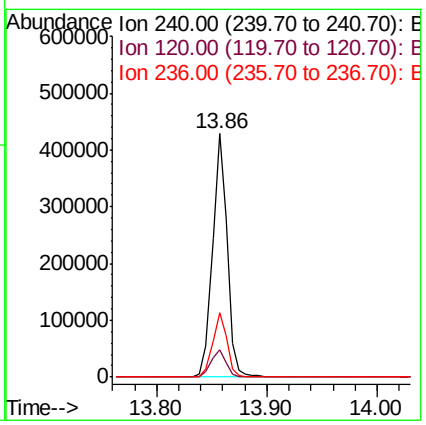


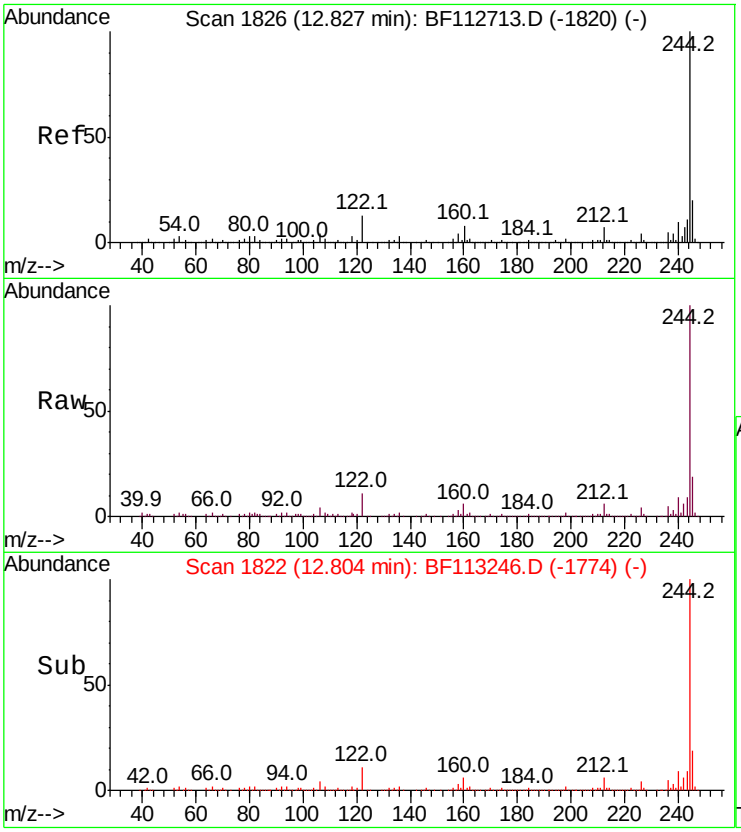


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Tgt Ion:240 Resp: 389890

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	26.2	20.7	31.1



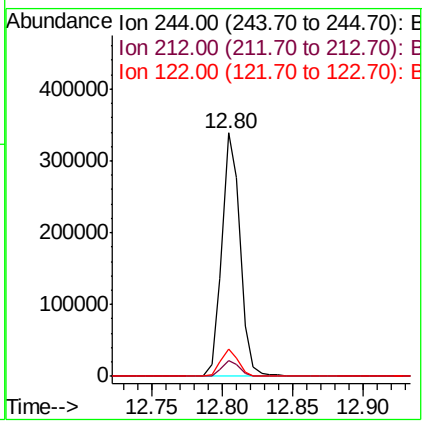


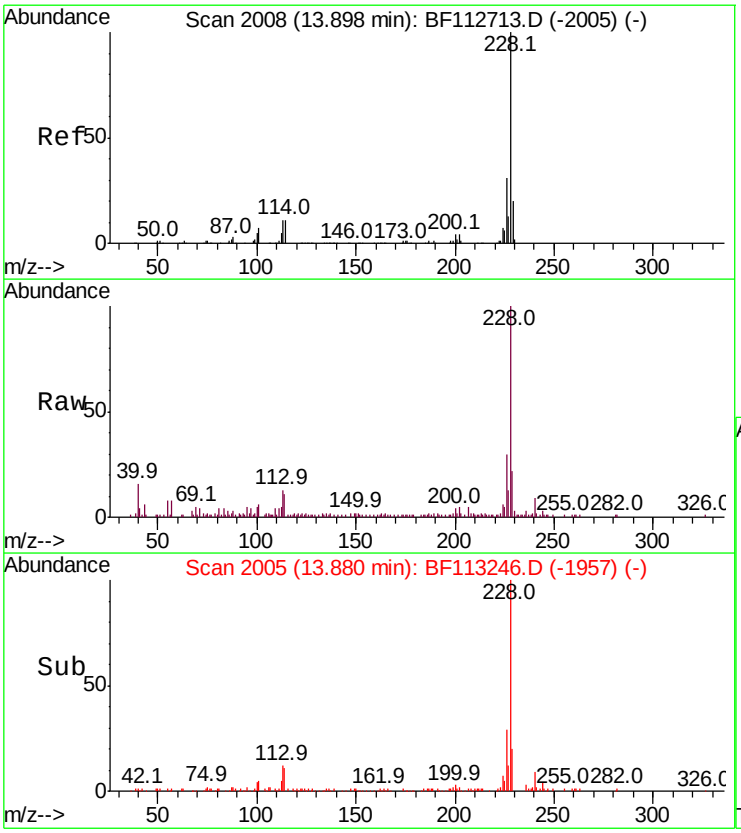
#79
Terphenyl-d14
Concen: 15.261 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 306953

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	11.2	10.5	15.7

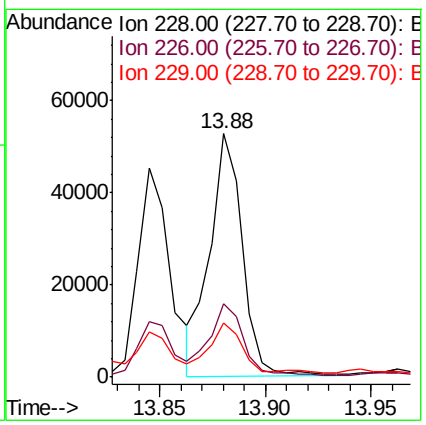


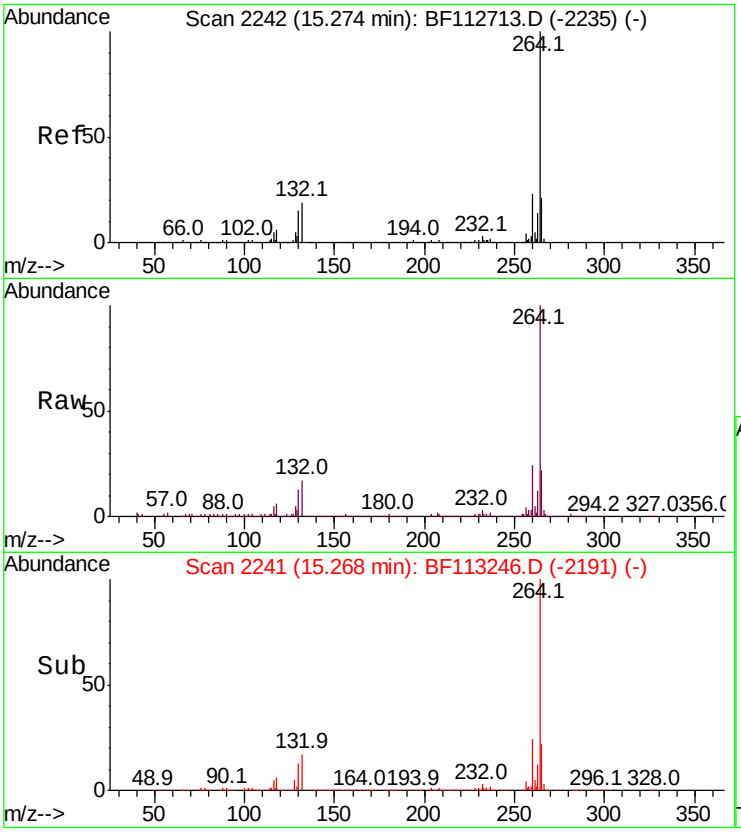


#83
Chrysene
Concen: 2.143 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Tgt Ion:228 Resp: 56734

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	22.4	16.3	24.5



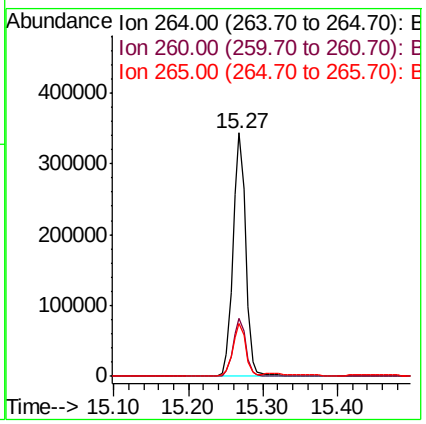


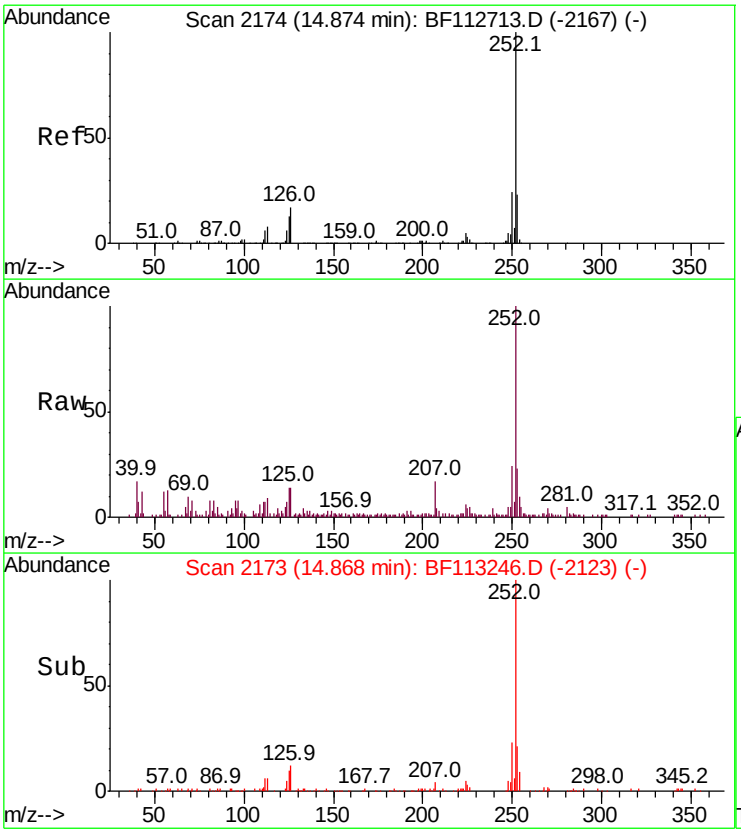
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 414009

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.7	17.2	25.8

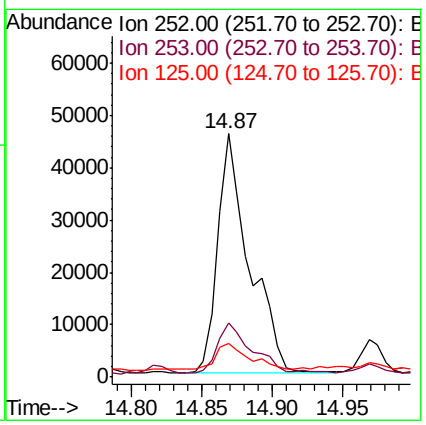


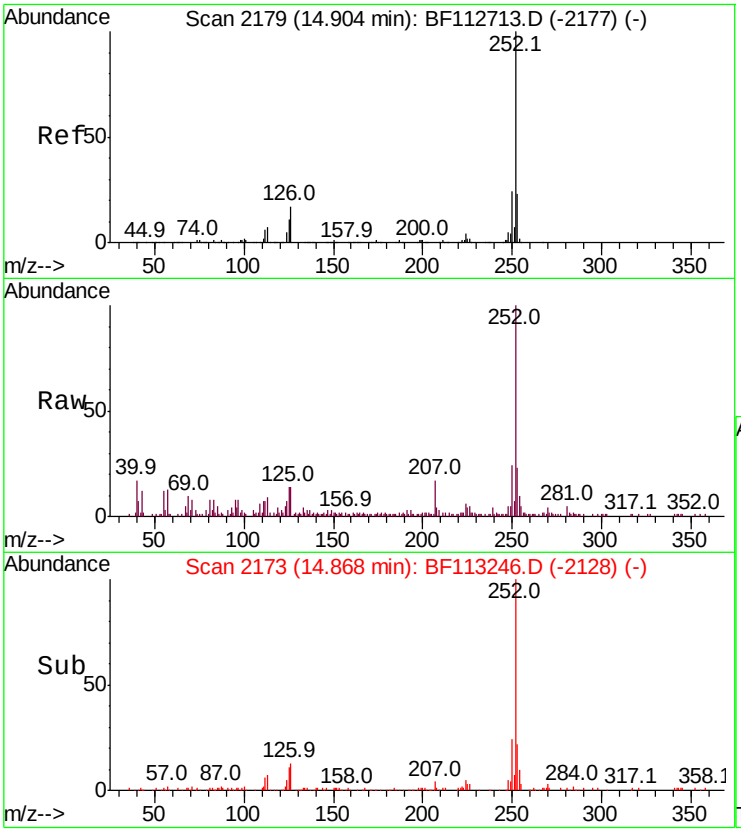


#88
Benzo(b)fluoranthene
Concen: 2.681 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Tgt Ion:252 Resp: 71804

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	13.8	10.2	15.2



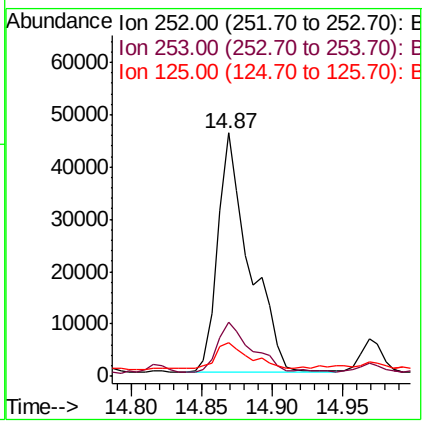


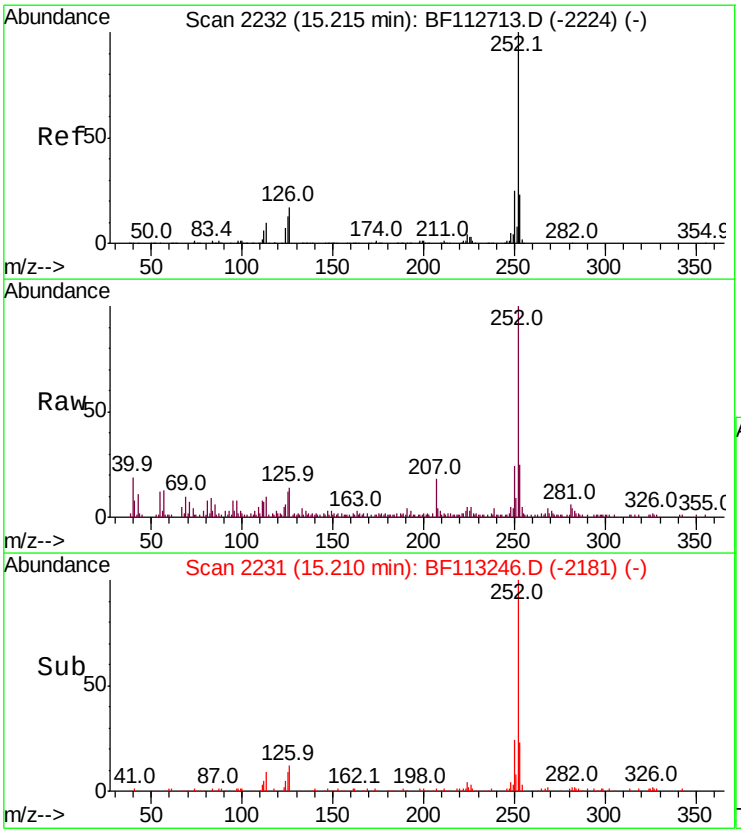
#89
Benzo(k)fluoranthene
Concen: 2.960 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 71804

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	13.8	9.8	14.6

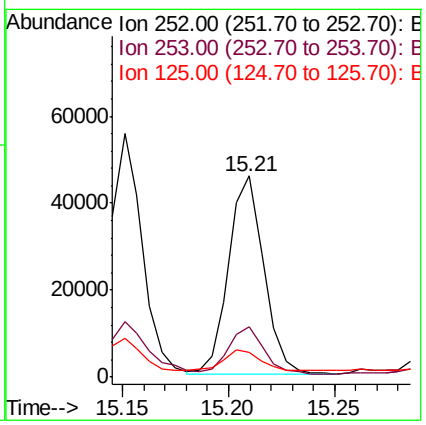


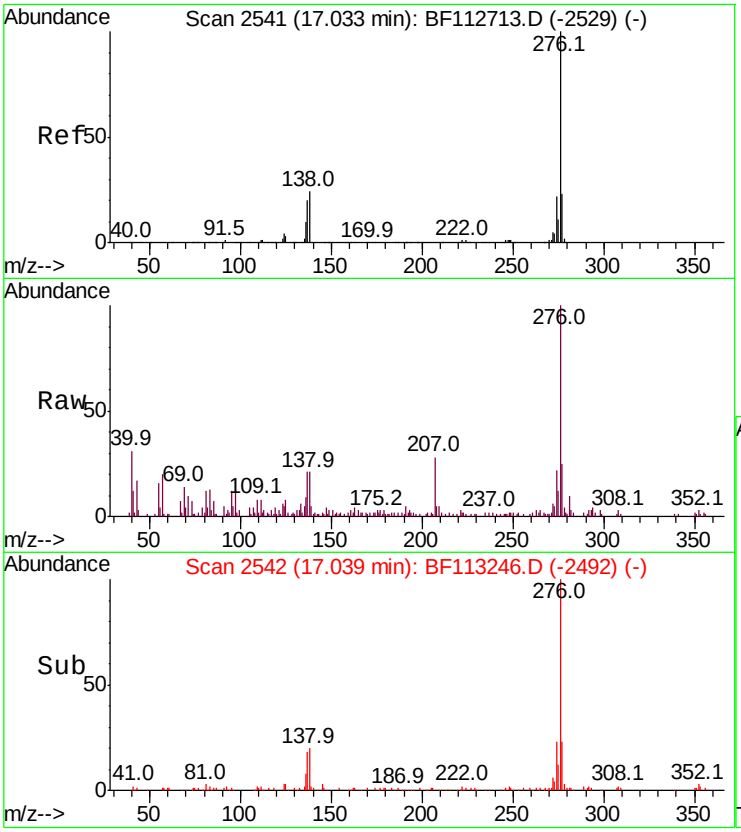


#90
Benzo(a)pyrene
Concen: 2.214 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Tgt Ion:252 Resp: 52444

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	12.4	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 2.605 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 52862

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	27.8
138	25.8	19.4	29.0