Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112801.D
Acq On : 1 Mar 2019 15:54
Operator : JU/SJ
Sample : K1669-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-031-A

Quant Time: Mar 01 21:57:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	167330	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	617168	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	246933	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	376884	20.00	ng		0.00
76) Chrysene-d12	13.87	240	376547	20.00	ng		0.00
87) Perylene-d12	15.28	264	365304	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	983895	91.47	ng		0.01
7) Phenol-d6	6.37	99	1258674	93.15	ng		0.00
23) Nitrobenzene-d5	7.30	82	743480	72.08	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	251212	95.83	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1156751	75.31	ng		0.00
79) Terphenyl-d14	12.83	244	851420	43.83	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	98830	11.548	ng	#	77
25) Isophorone	7.30	82	735390	33.096	ng	#	66
50) Dimethylphthalate	9.49	163	98543	5.412	ng		98
57) 2,4-Dinitrotoluene	9.77	165	31608	6.707	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.55	198	232	4.748	ng	#	1
67) 4-Bromophenyl-phenylether	10.56	248	13623	3.432	ng	#	1
75) Fluoranthene	12.46	202	52071	2.592	ng		95
88) Benzo(b)fluoranthene	14.88	252	56398	2.387	ng	#	91
89) Benzo(k)fluoranthene	14.88	252	56398	2.635	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112801.D
Acq On : 1 Mar 2019 15:54
Operator : JU/SJ
Sample : K1669-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-A

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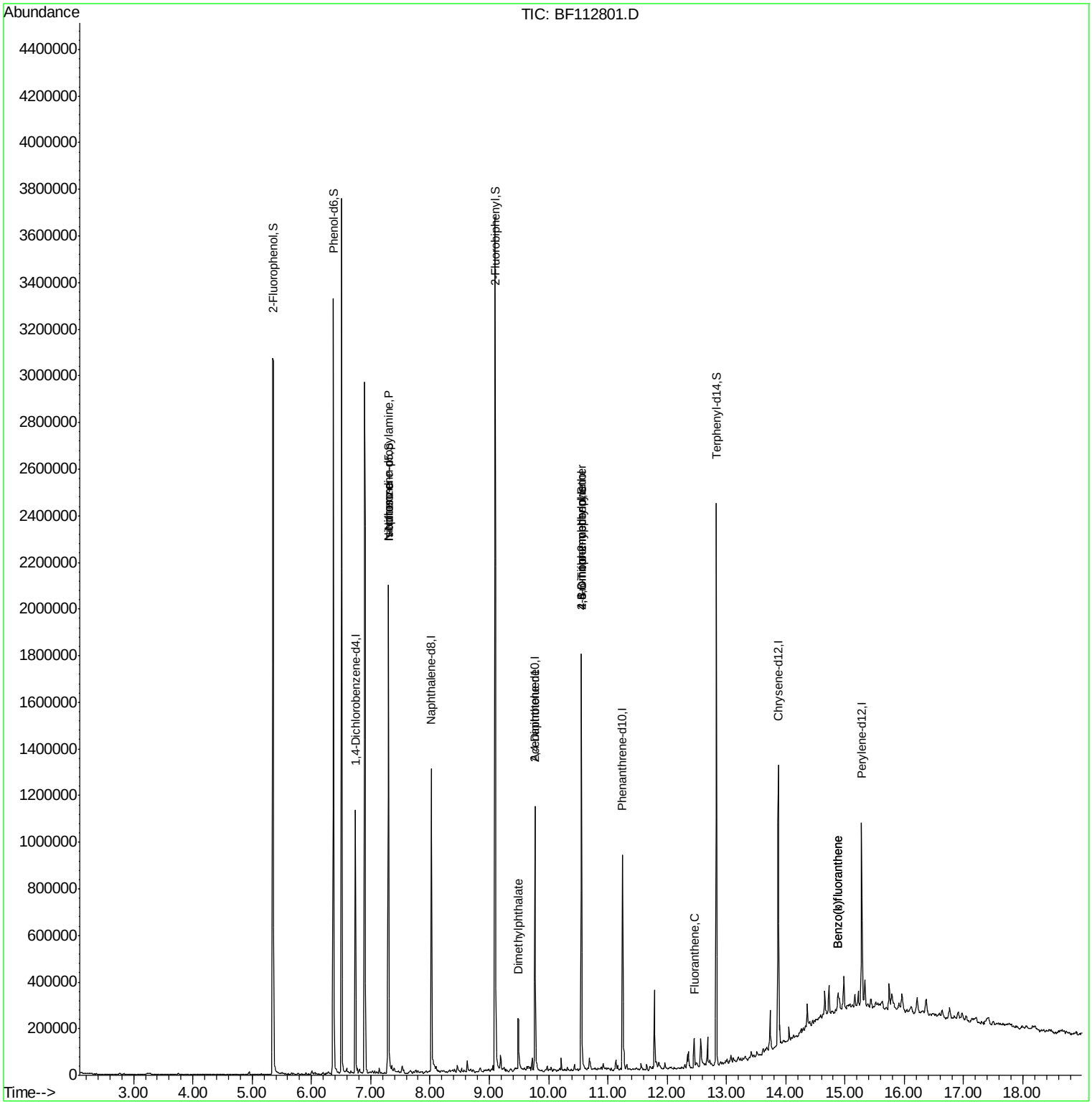
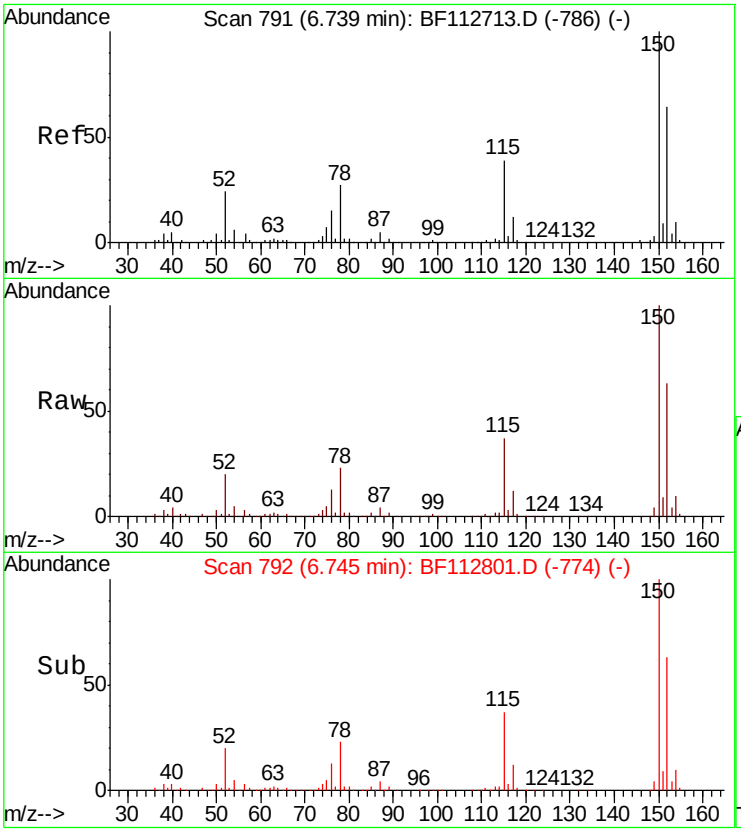
Response via : Initial Calibration



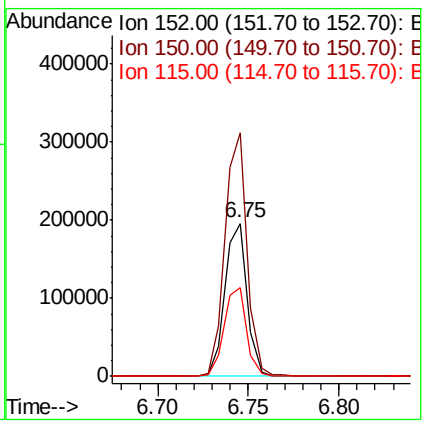


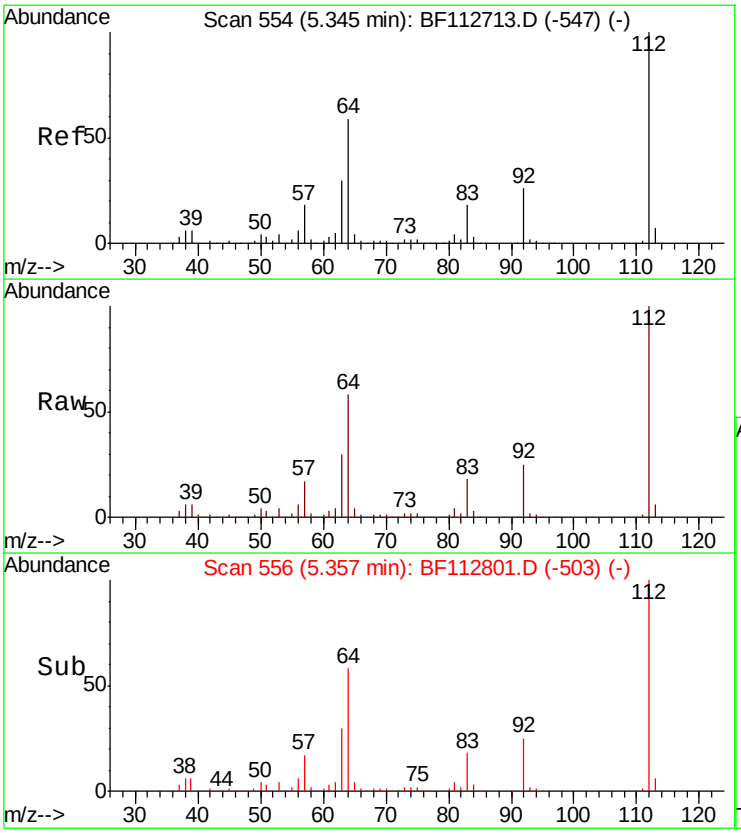
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-A

Tgt Ion:152 Resp: 167330

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.2	186.2
115	58.4	48.2	72.4

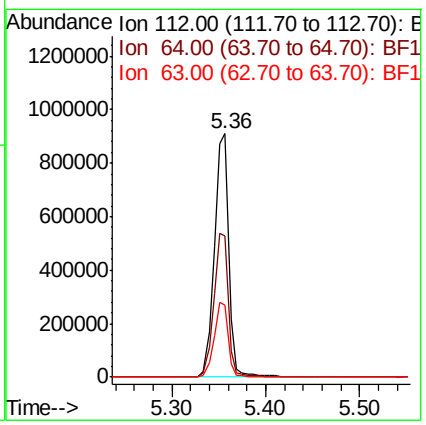


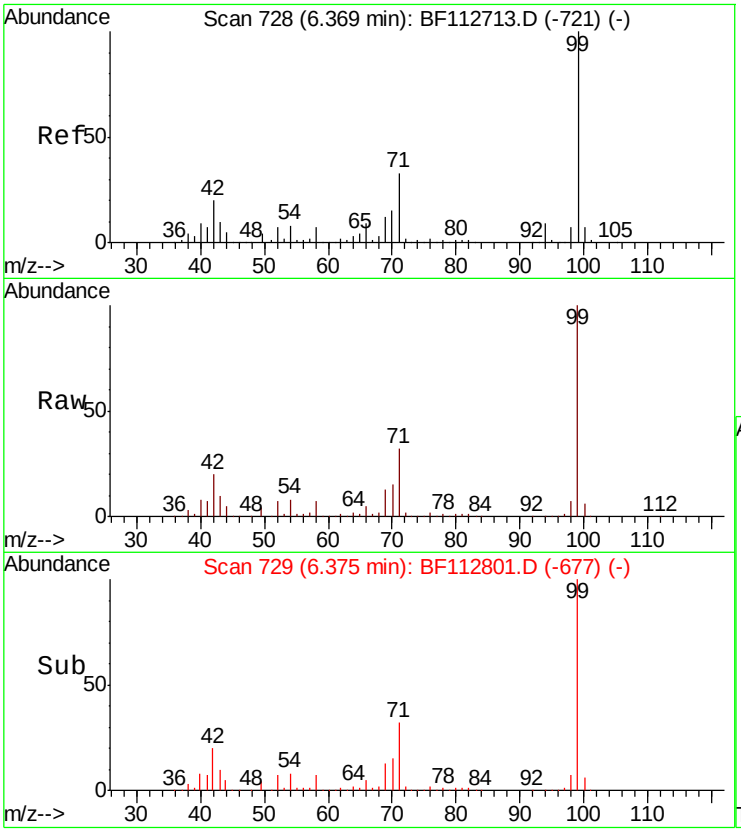


#5
2-Fluorophenol
Concen: 91.465 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Tgt Ion:112 Resp: 983895

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.6	71.4
63	29.6	24.4	36.6



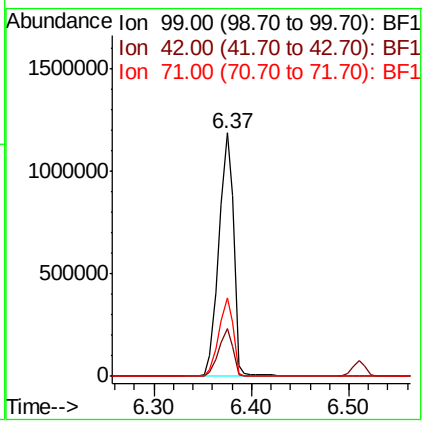


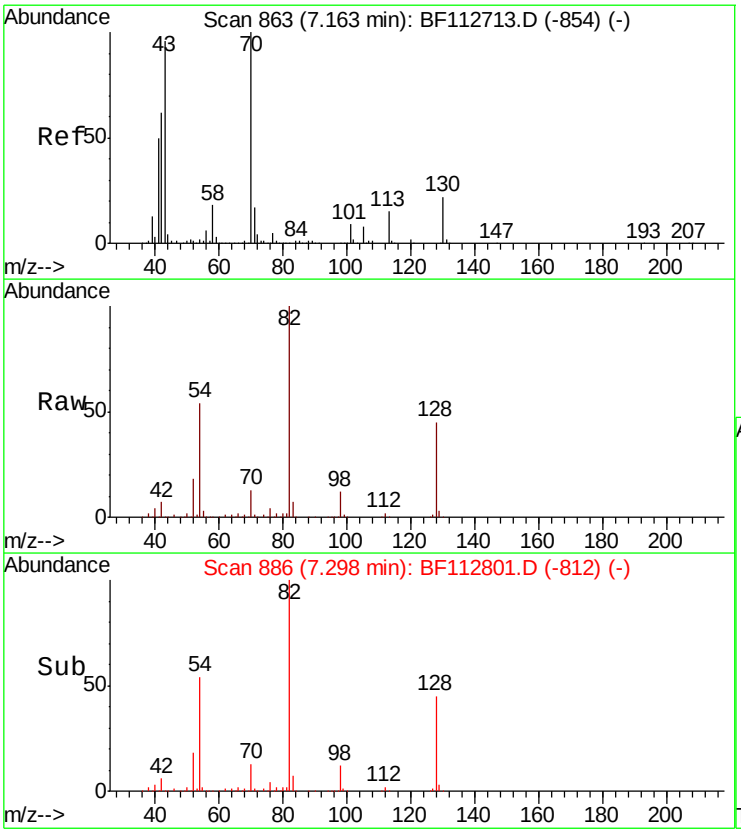
#7
Phenol-d6
Concen: 93.148 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-A

Tgt Ion: 99 Resp: 1258674

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.3	24.5
71	32.5	26.2	39.4

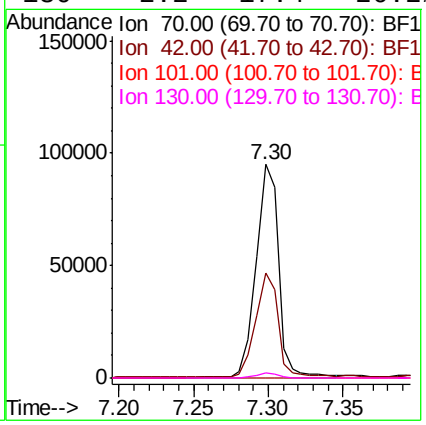


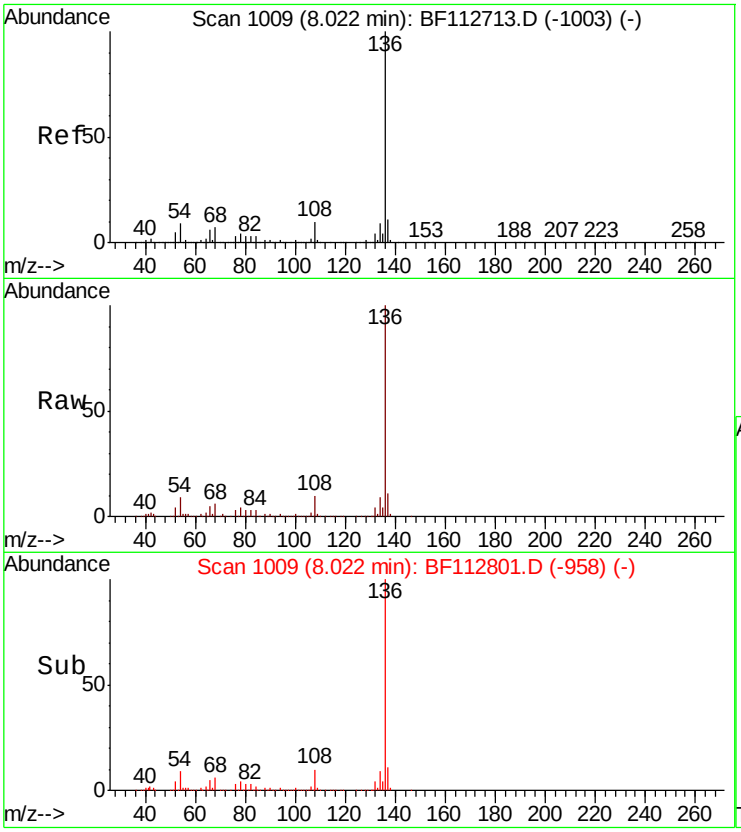


#19
n-Nitroso-di-n-propylamine
Concen: 11.548 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Tgt Ion: 70 Resp: 98830

Ion	Ratio	Lower	Upper
70	100		
42	49.3	49.9	74.9#
101	0.0	7.4	11.2#
130	2.2	17.4	26.2#



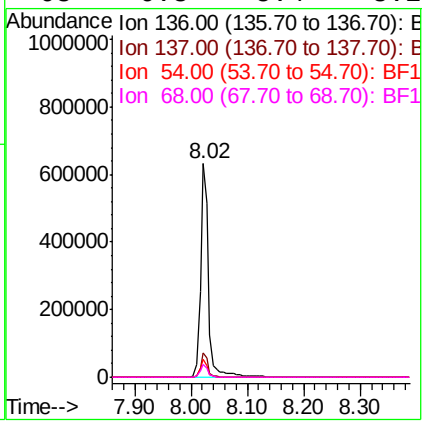


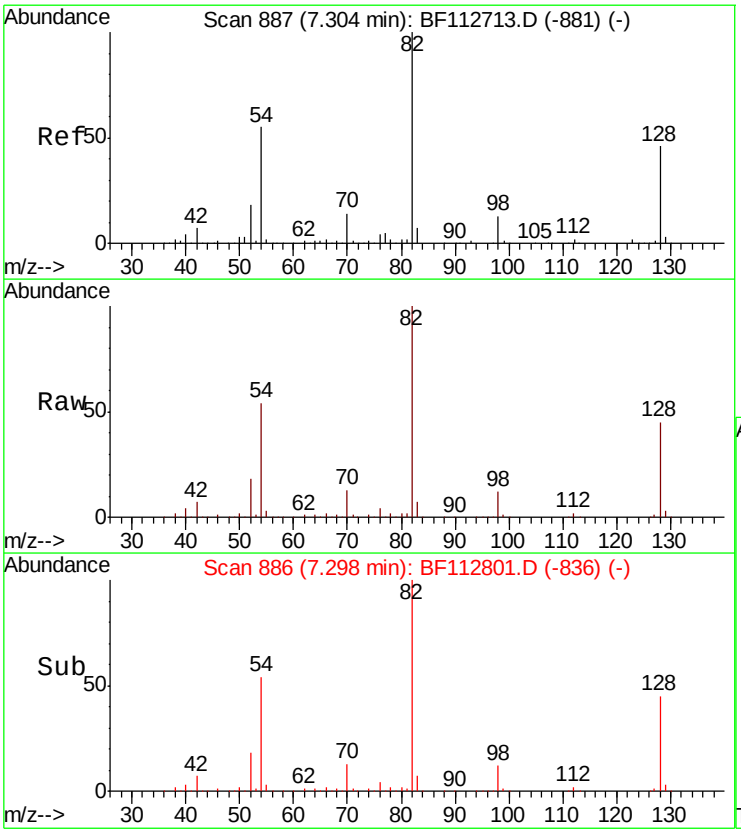
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-A

Tgt Ion:136 Resp: 617168

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.5	7.3	10.9
68	6.3	5.4	8.2

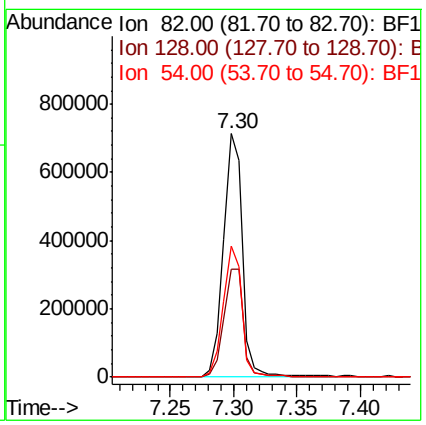


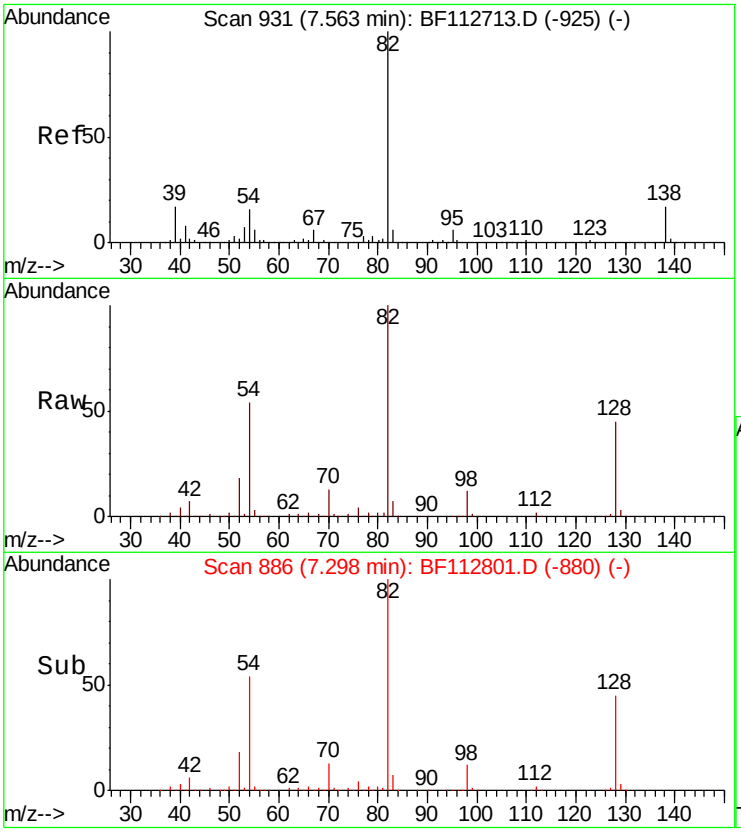


#23
Nitrobenzene-d5
Concen: 72.085 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Tgt Ion: 82 Resp: 743480

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.3	54.5
54	53.8	43.7	65.5



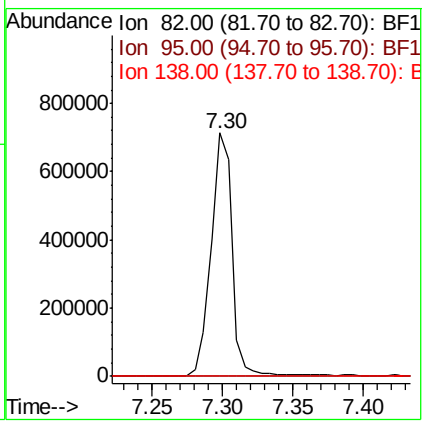


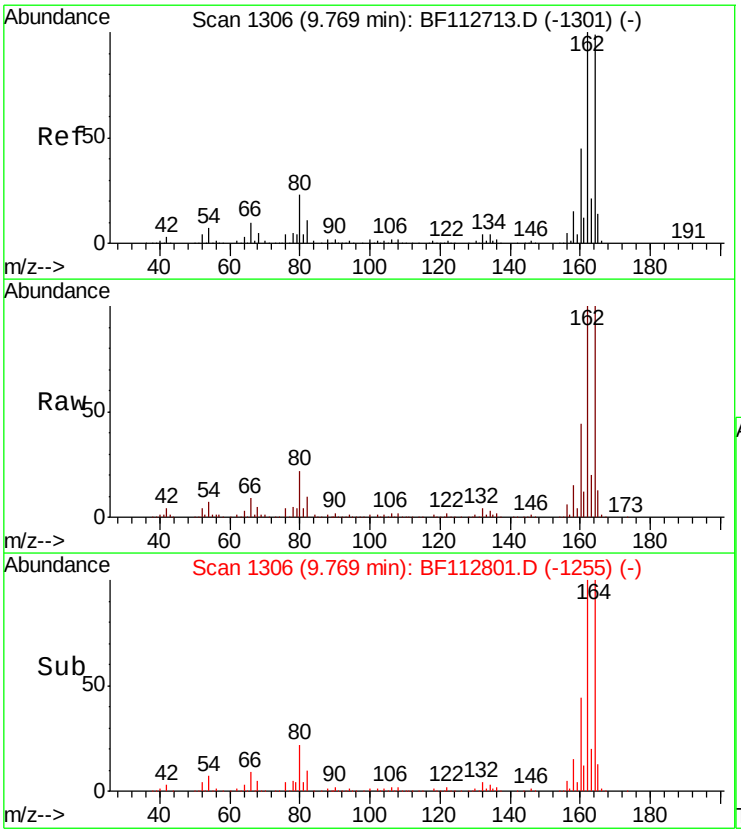
#25
Isophorone
Concen: 33.096 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-A

Tgt Ion: 82 Resp: 735390

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	13.8	20.8#

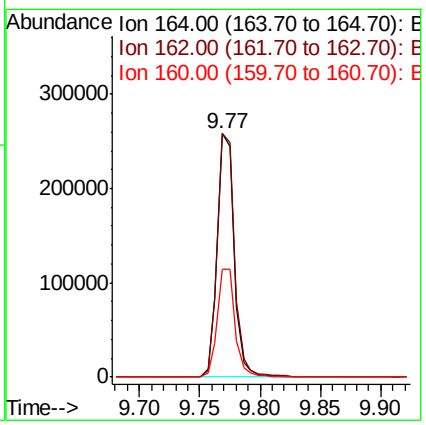


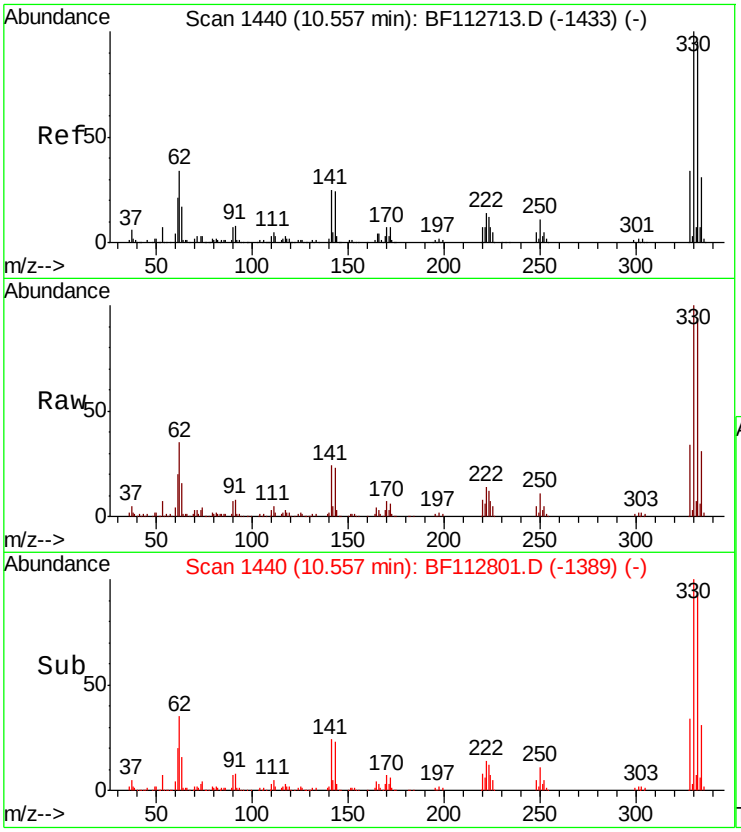


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Tgt Ion:164 Resp: 246933

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	44.4	36.0	54.0



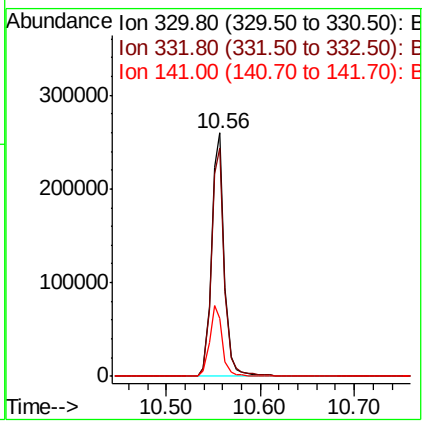


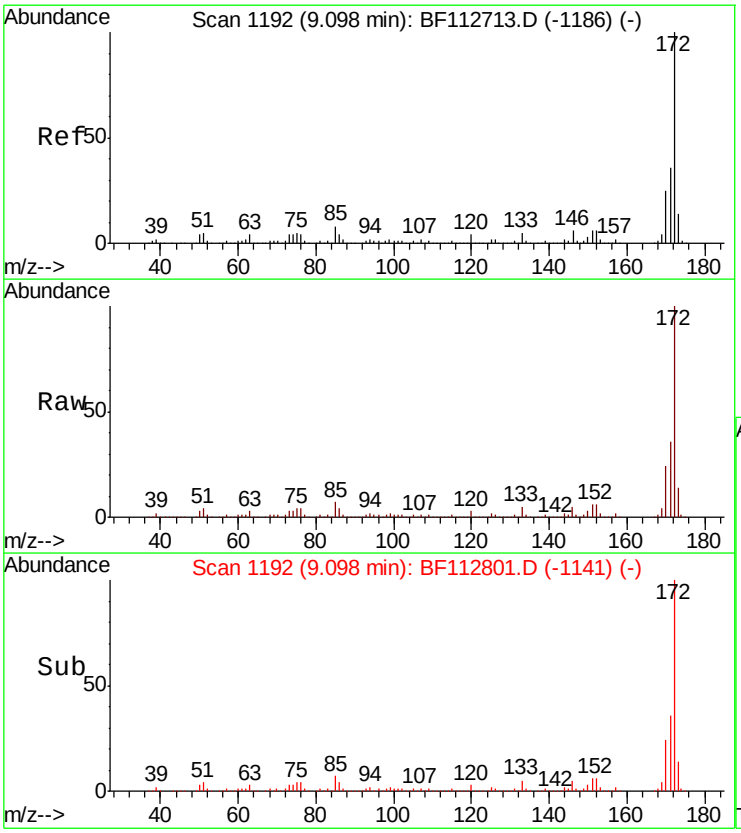
#42
2,4,6-Tribromophenol
Concen: 95.827 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-A

Tgt Ion:330 Resp: 251212

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.4
141	29.4	27.0	40.6

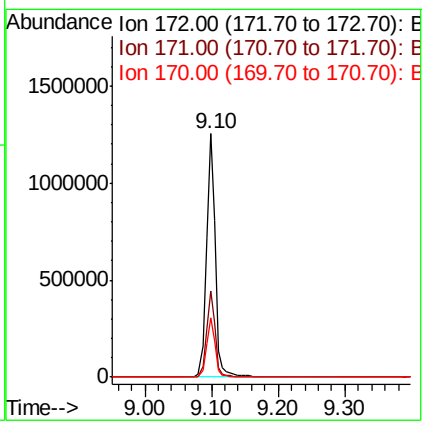


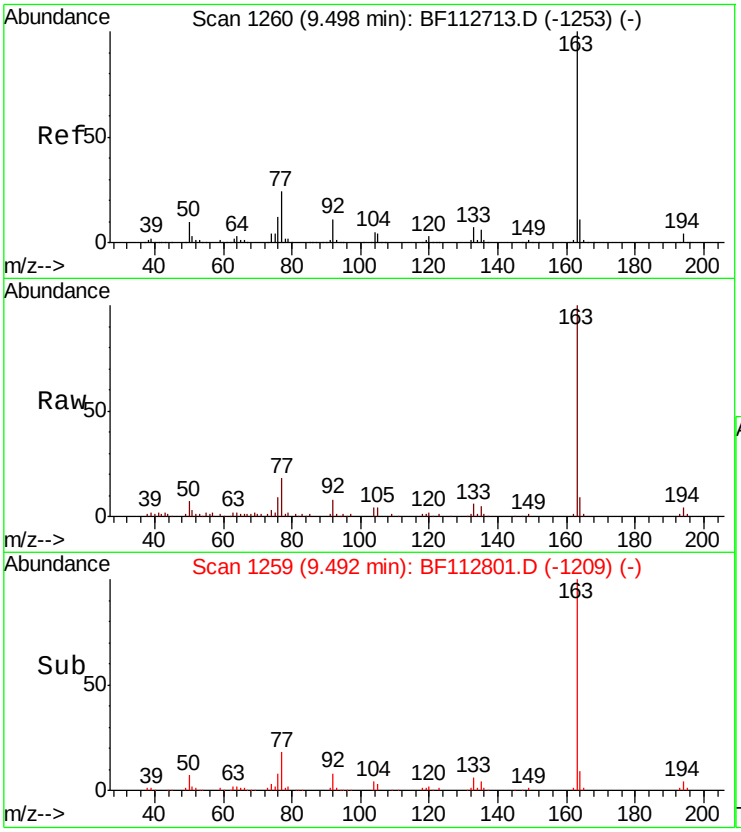


#45
2-Fluorobiphenyl
Concen: 75.314 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Tgt Ion:172 Resp: 1156751

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	24.1	20.0	30.0



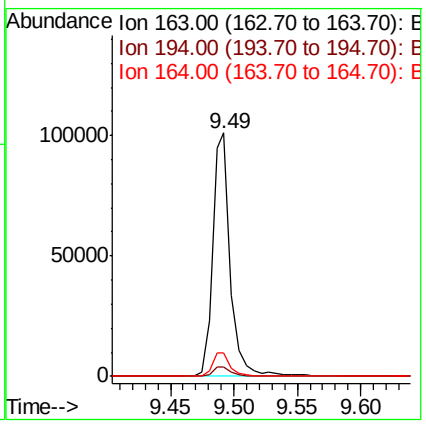


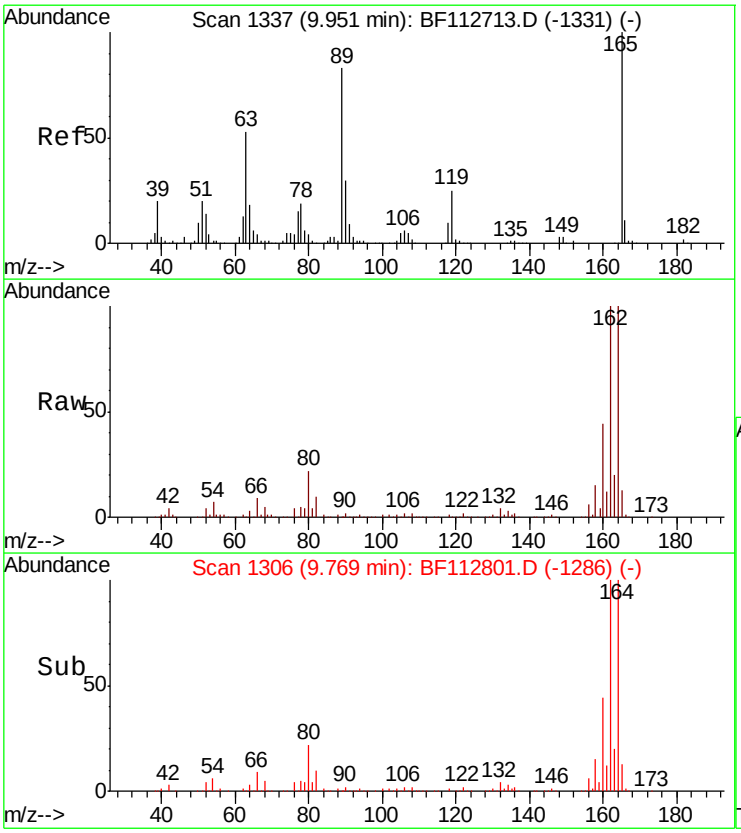
#50
Dimethylphthalate
Concen: 5.412 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-A

Tgt Ion:163 Resp: 98543

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.5	8.4	12.6

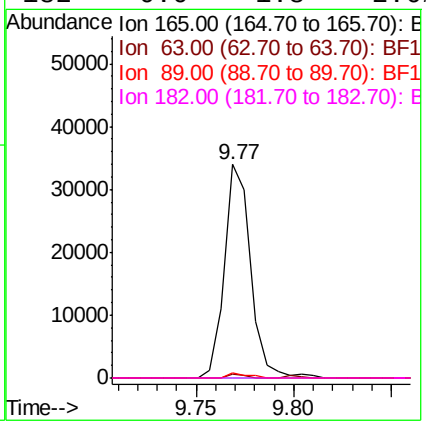


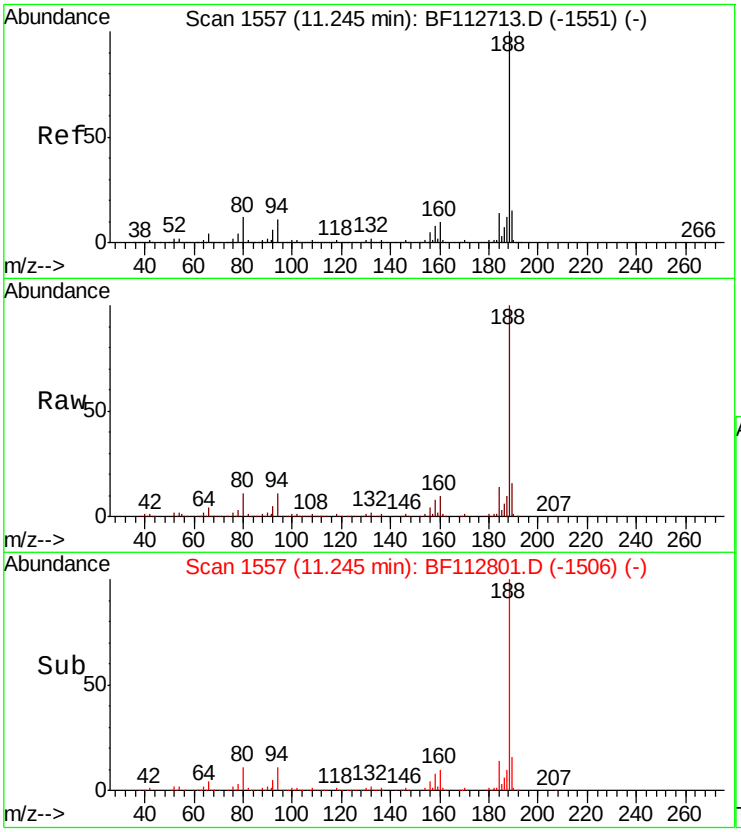


#57
2,4-Dinitrotoluene
Concen: 6.707 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Tgt Ion:165 Resp: 31608

Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.2	63.2#
89	2.3	66.2	99.4#
182	0.0	1.8	2.6#



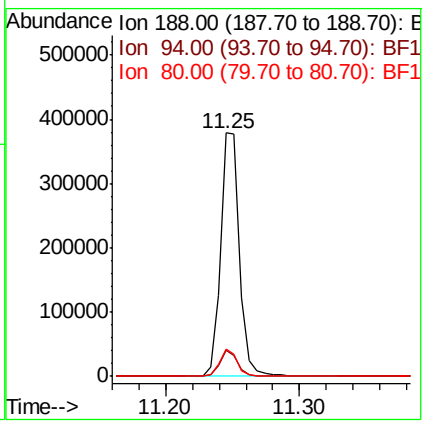


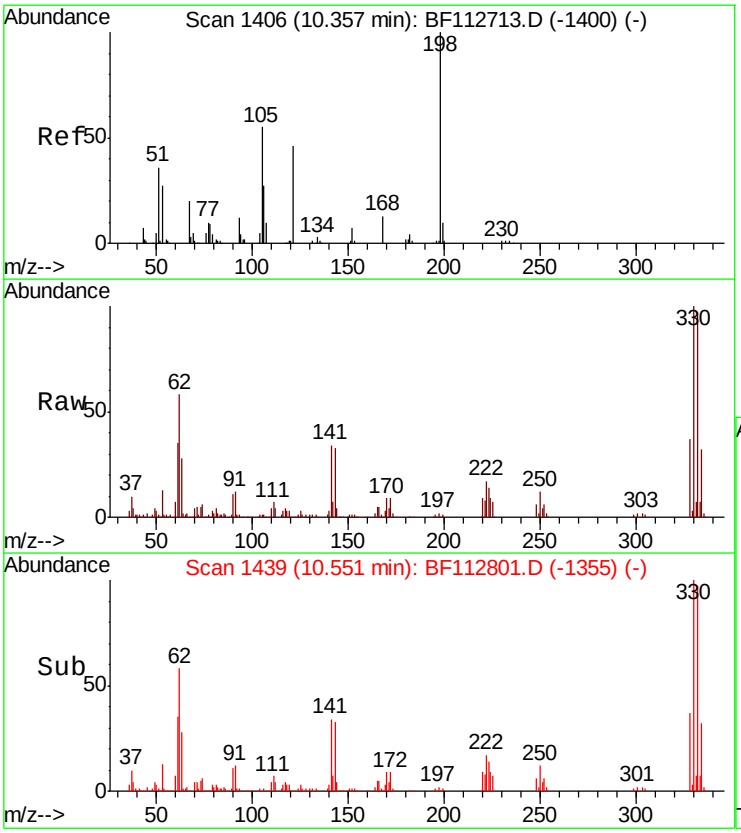
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-A

Tgt Ion:188 Resp: 376884

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.4
80	11.2	9.2	13.8

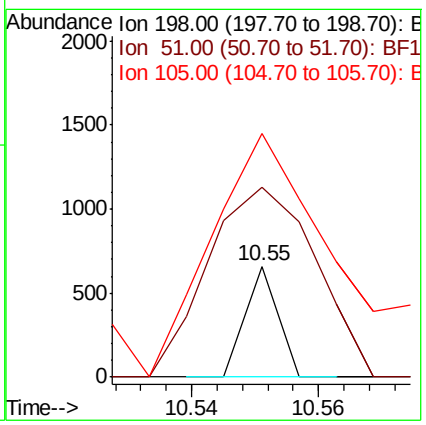


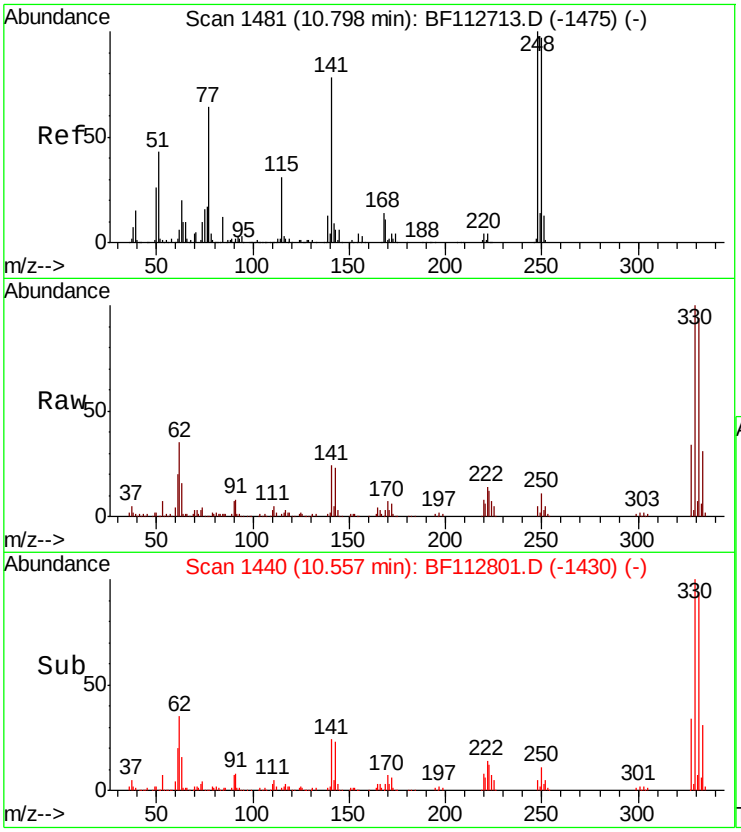


#65
4,6-Dinitro-2-methylphenol
Concen: 4.748 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Tgt Ion:198 Resp: 232

Ion	Ratio	Lower	Upper
198	100		
51	172.0	43.8	83.8#
105	220.2	36.5	76.5#



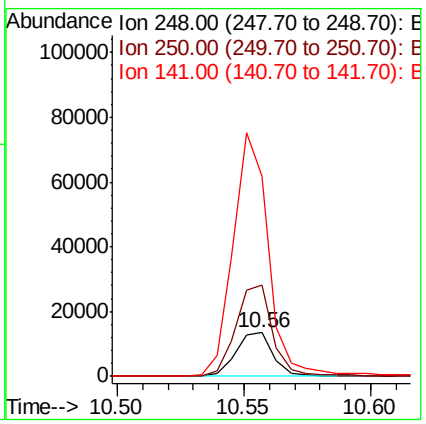


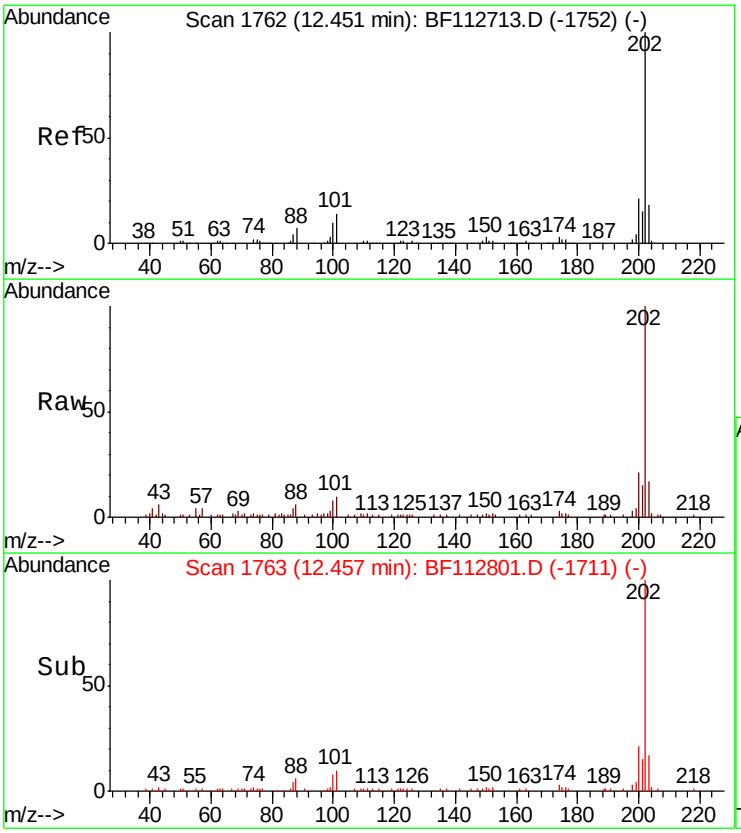
#67
4-Bromophenyl-phenylether
Concen: 3.432 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-A

Tgt Ion:248 Resp: 13623

Ion	Ratio	Lower	Upper
248	100		
250	209.2	77.5	116.3#
141	456.8	62.4	93.6#

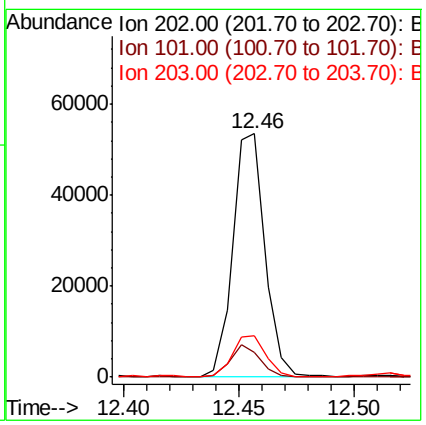


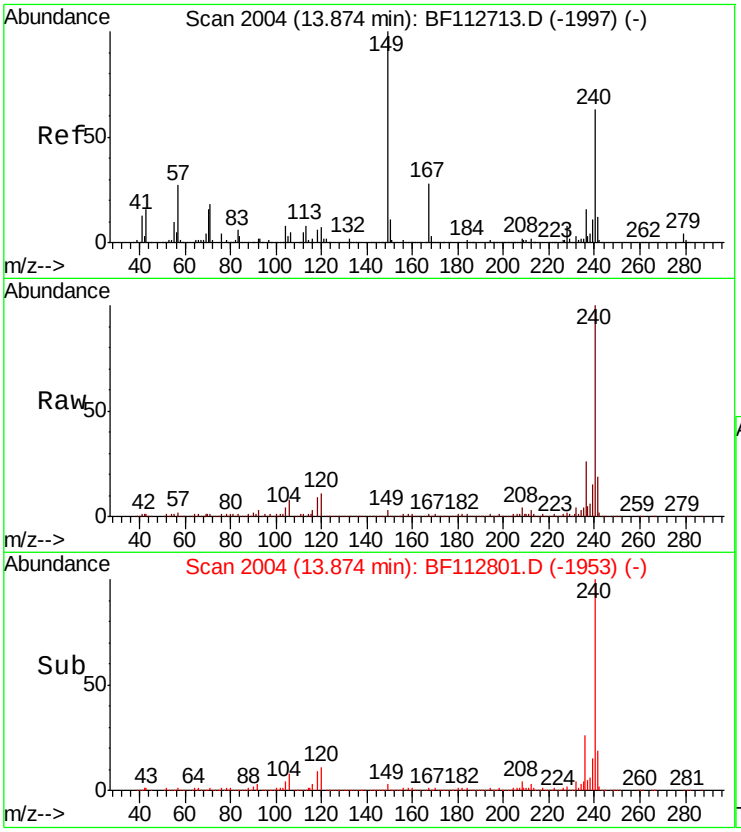


#75
Fluoranthene
Concen: 2.592 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Tgt Ion:202 Resp: 52071

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	33.8
203	17.2	0.0	38.4



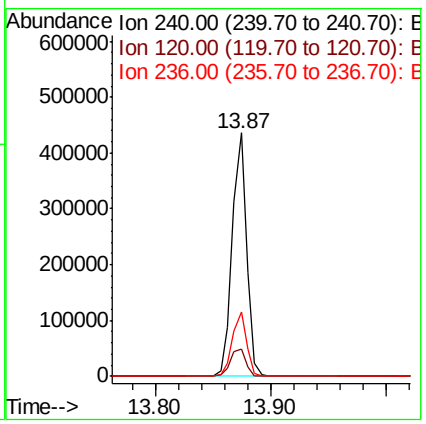


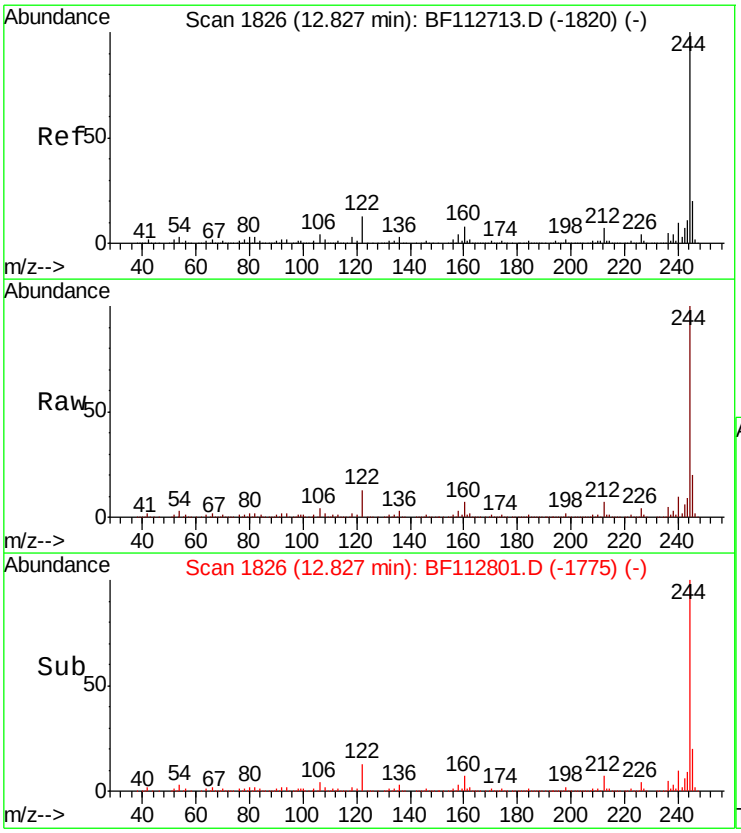
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-A

Tgt Ion:240 Resp: 376547

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	26.3	20.7	31.1

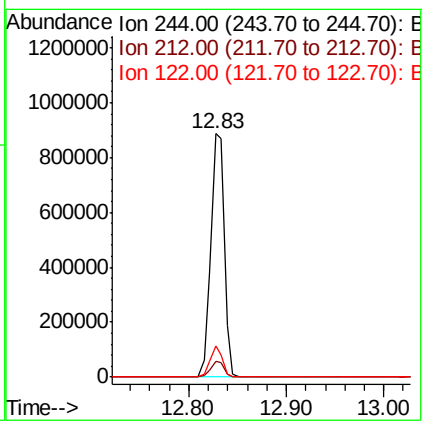


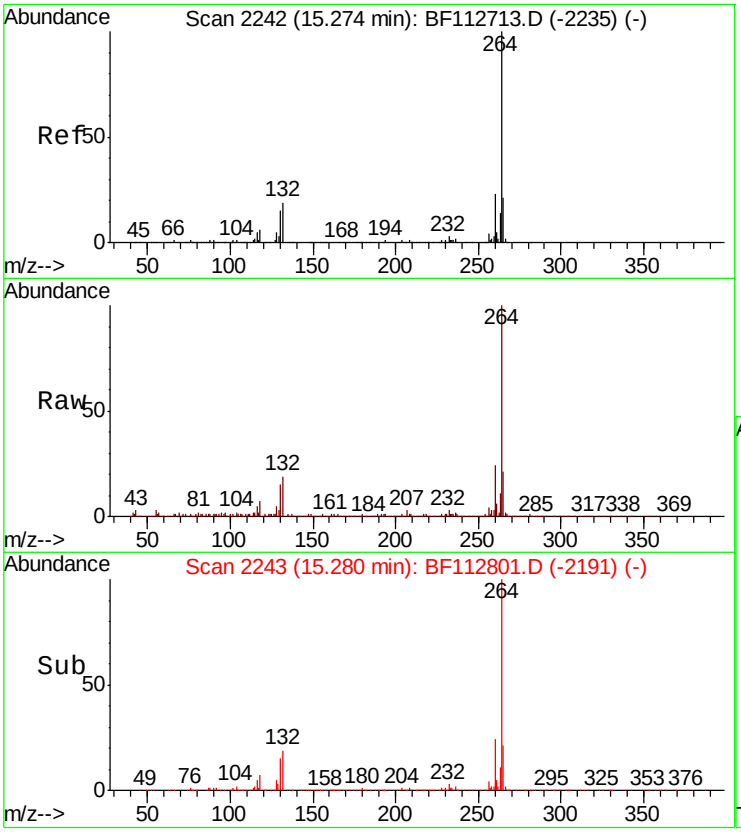


#79
Terphenyl-d14
Concen: 43.832 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Tgt Ion:244 Resp: 851420

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	12.9	10.5	15.7



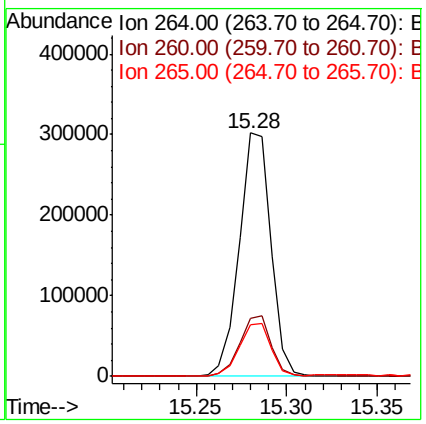


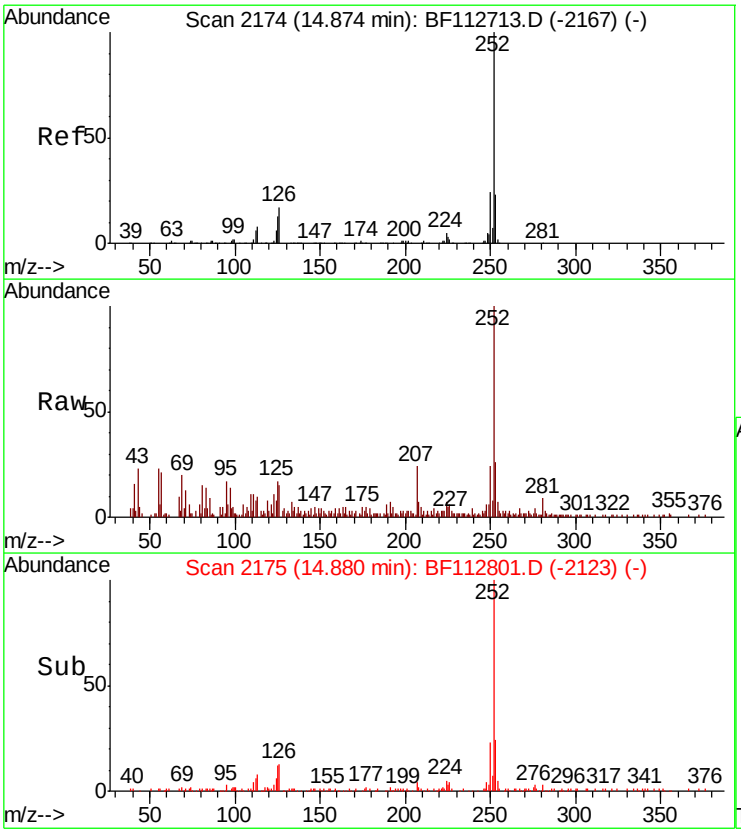
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-A

Tgt Ion:264 Resp: 365304

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.3	17.2	25.8

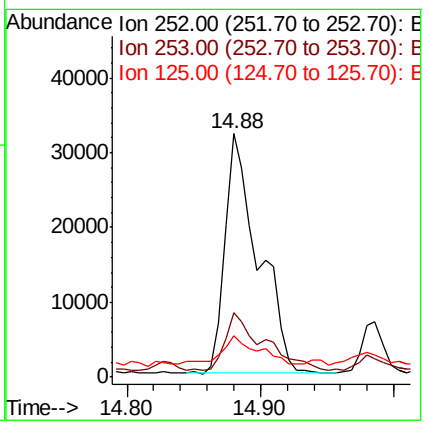


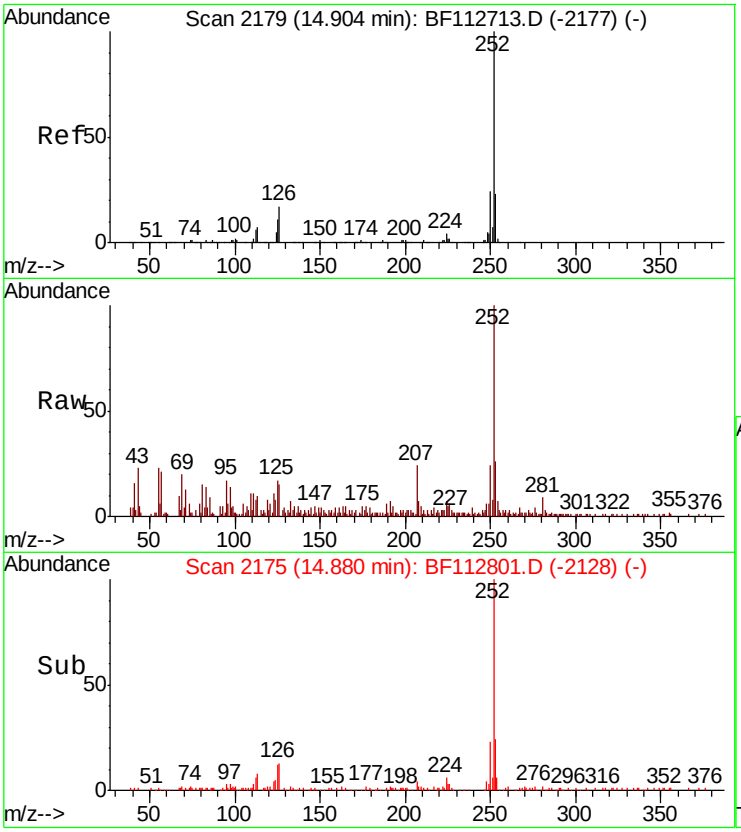


#88
Benzo(b)fluoranthene
Concen: 2.387 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Tgt Ion:252 Resp: 56398

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.0	27.0
125	17.0	10.2	15.2#





#89
Benzo(k)fluoranthene
Concen: 2.635 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF112801.D
Acq: 1 Mar 2019 15:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-A

Tgt Ion:252 Resp: 56398

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.2	27.2
125	17.0	9.8	14.6#