Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111533.D
Acq On : 17 Dec 2018 12:20
Operator : JU/SJ
Sample : J6377-02 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SD012-0612-02

Quant Time: Dec 18 04:31:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	168980	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	647241	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	284482	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	413076	20.00	ng		0.00
76) Chrysene-d12	13.94	240	358471	20.00	ng		0.00
87) Perylene-d12	15.39	264	350337	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	522867	51.49	ng		0.00
7) Phenol-d6	6.43	99	653551	48.38	ng		0.00
23) Nitrobenzene-d5	7.35	82	423035	38.92	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	98787	38.77	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	764532	41.51	ng		-0.01
79) Terphenyl-d14	12.89	244	552591	36.20	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	58540	3.890	ng		97
13) 1,4-Dichlorobenzene	6.80	146	252899	18.655	ng		100
31) Naphthalene	8.09	128	221187	7.306	ng	#	94
37) 2-Methylnaphthalene	8.78	142	73838	3.604	ng		98
38) 1-Methylnaphthalene	8.88	142	39804	2.011	ng		100
50) Dimethylphthalate	9.54	163	43877	2.142	ng	#	94
71) Phenanthrene	11.33	178	51627	2.426	ng		94
84) Bis(2-ethylhexyl)phthalate	13.93	149	175509	11.154	ng		100

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

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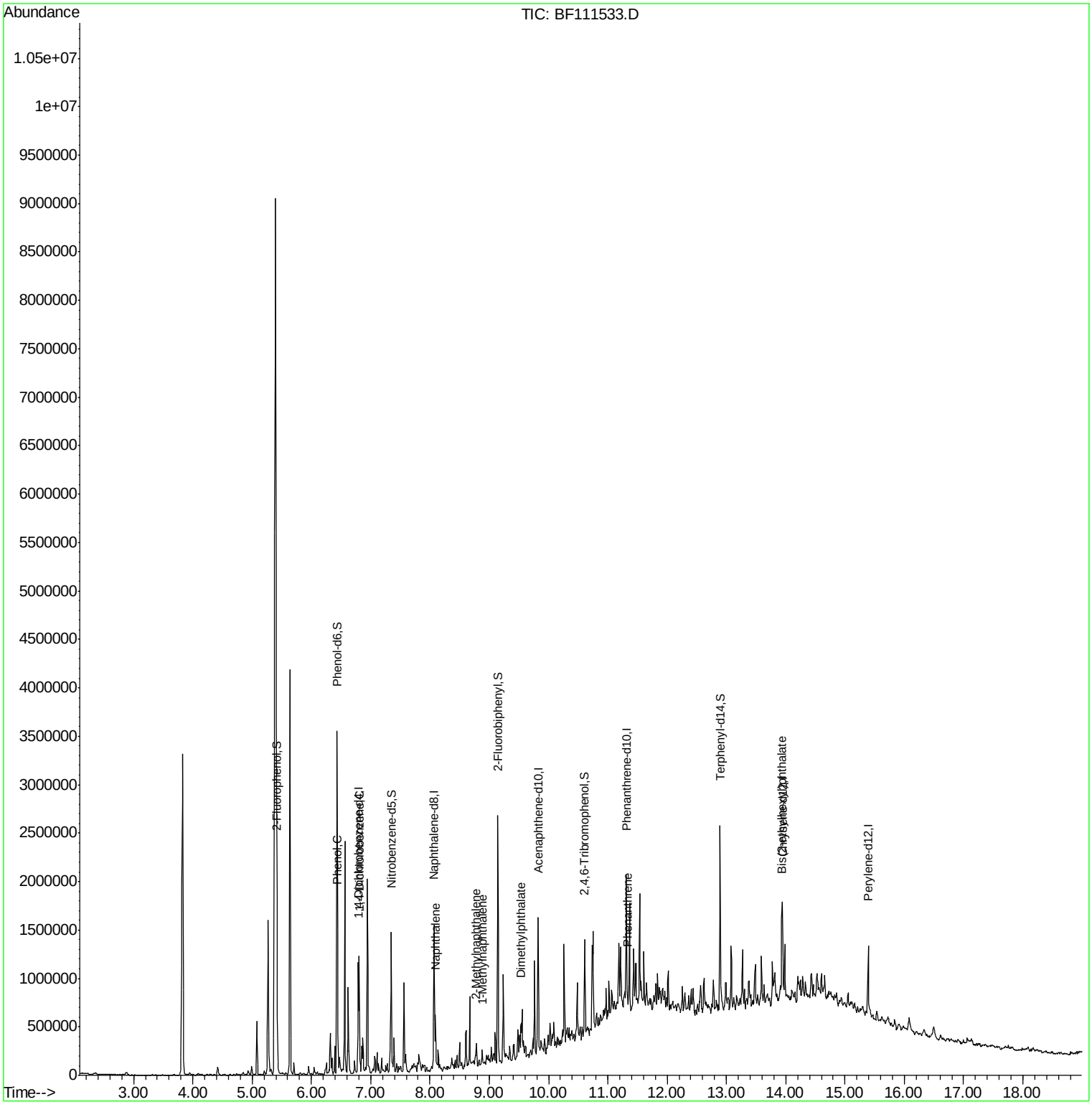
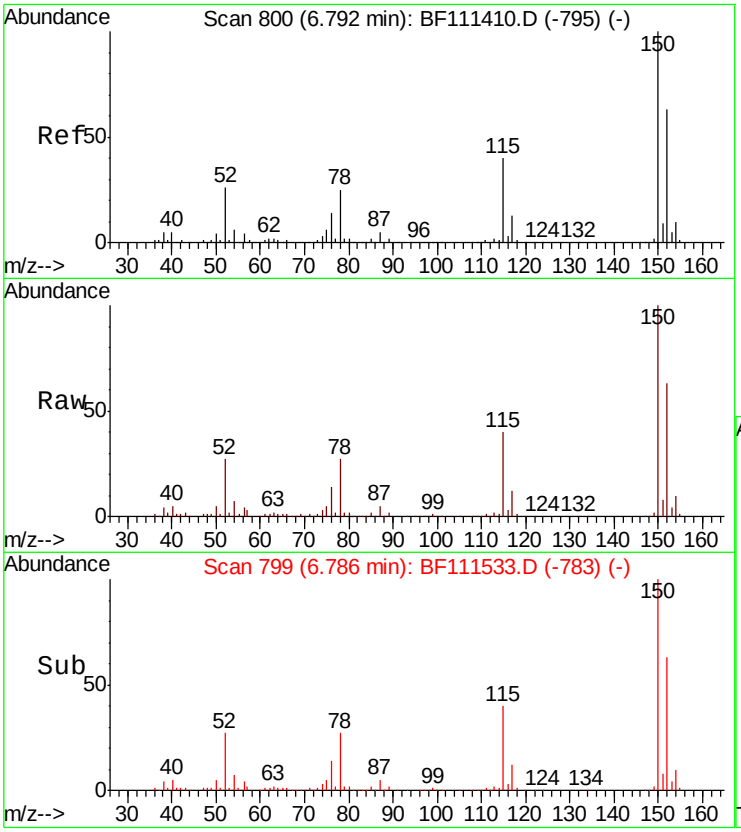
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



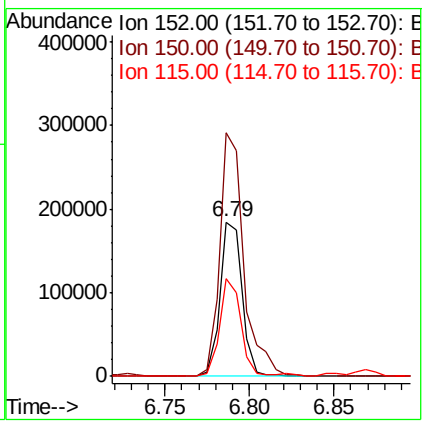


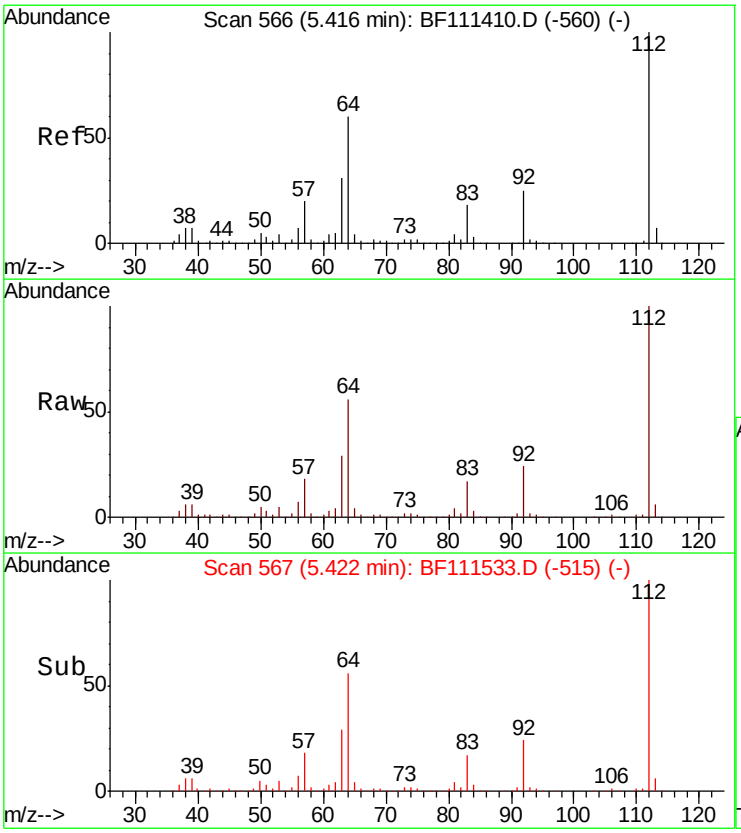
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tgt Ion:152 Resp: 168980

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.6	189.8
115	63.2	50.7	76.1

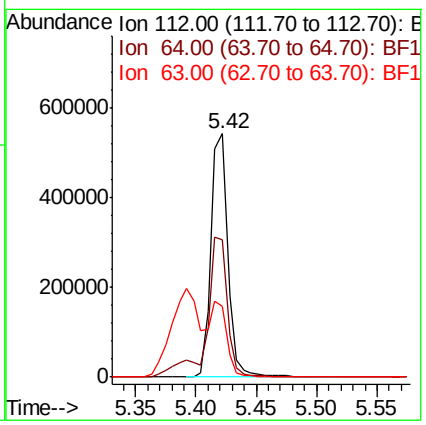


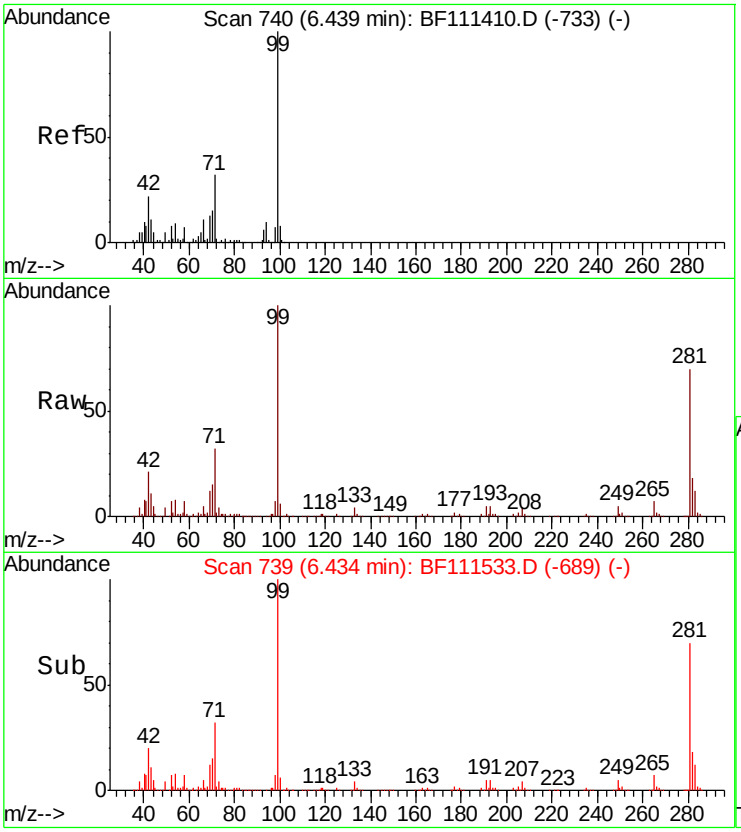


#5
2-Fluorophenol
Concen: 51.490 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion:112 Resp: 522867

Ion	Ratio	Lower	Upper
112	100		
64	56.3	51.8	77.6
63	29.3	26.8	40.2



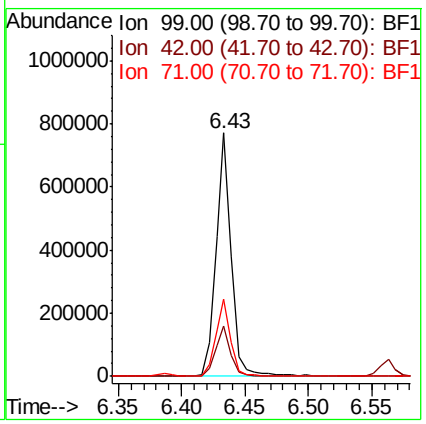


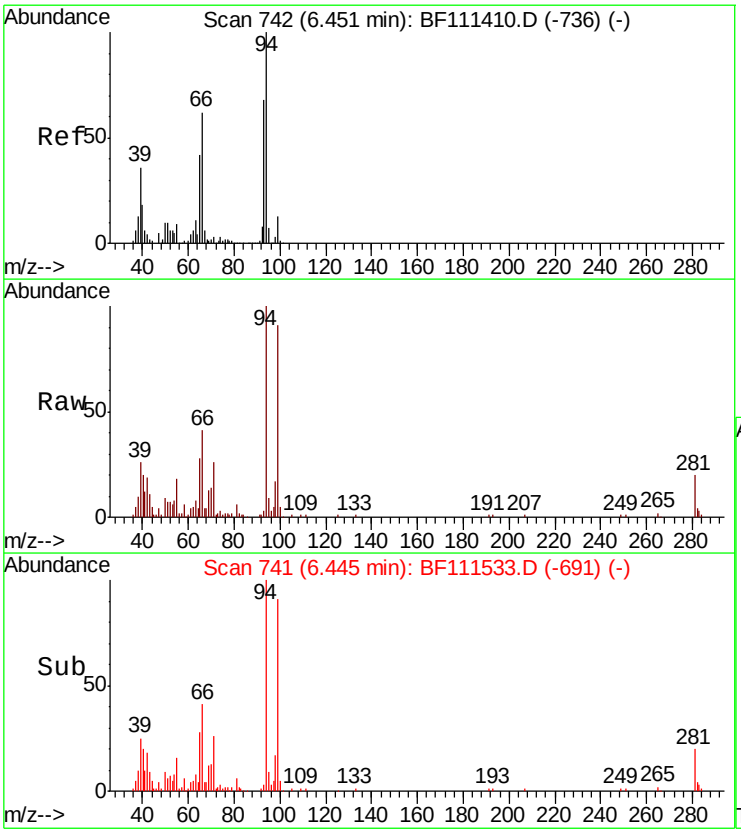
#7
Phenol-d6
Concen: 48.384 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tgt Ion: 99 Resp: 653551

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.4	26.0
71	31.8	26.1	39.1

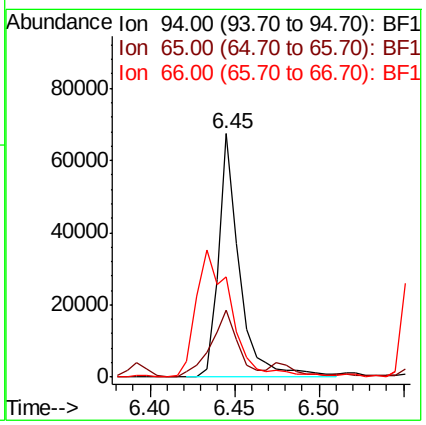


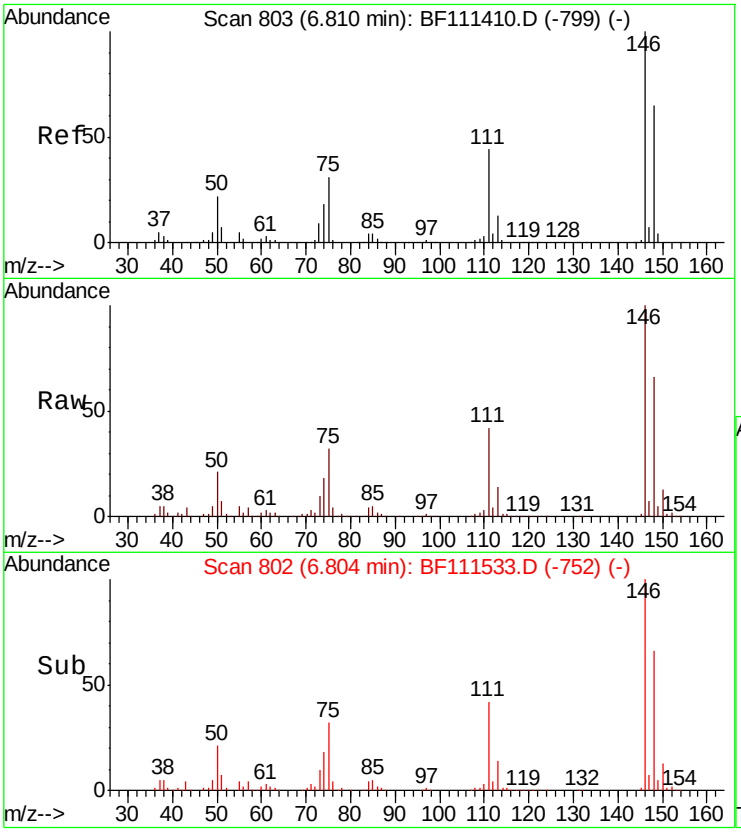


#10
Phenol
Concen: 3.890 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion: 94 Resp: 58540

Ion	Ratio	Lower	Upper
94	100		
65	27.7	11.7	51.7
66	41.1	21.0	61.0



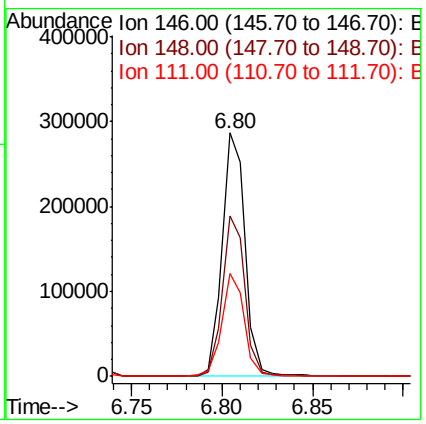


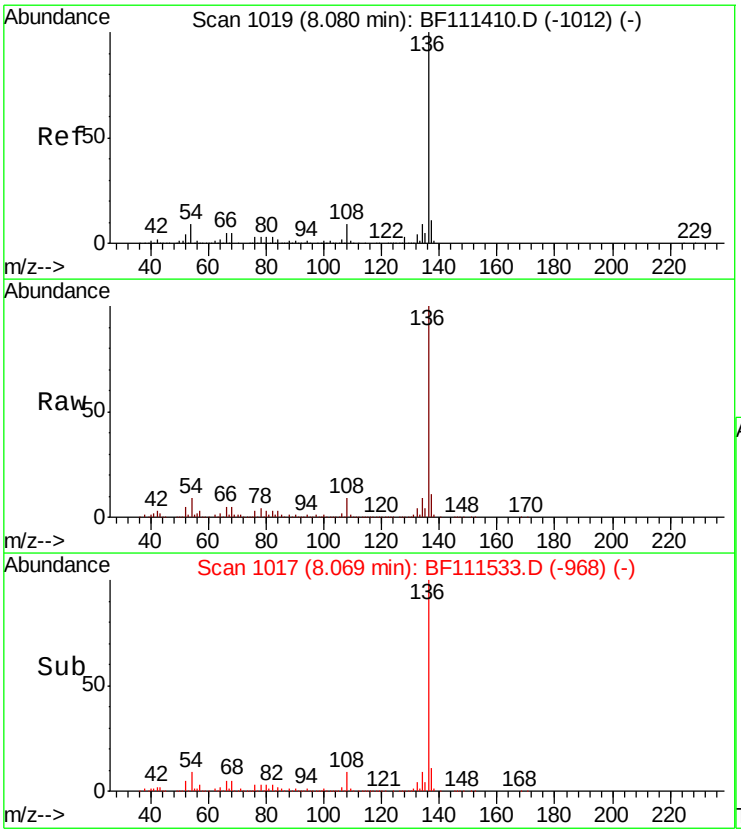
#13
1,4-Dichlorobenzene
Concen: 18.655 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tgt Ion:146 Resp: 252899

Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.8	79.2
111	42.2	33.4	50.0

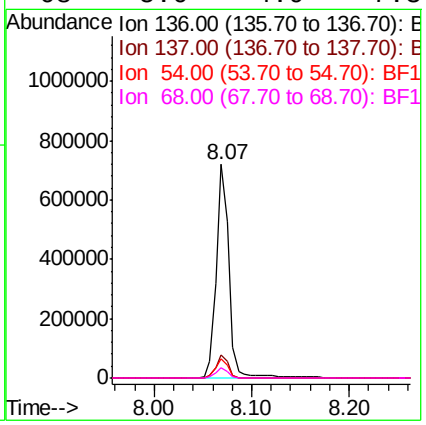


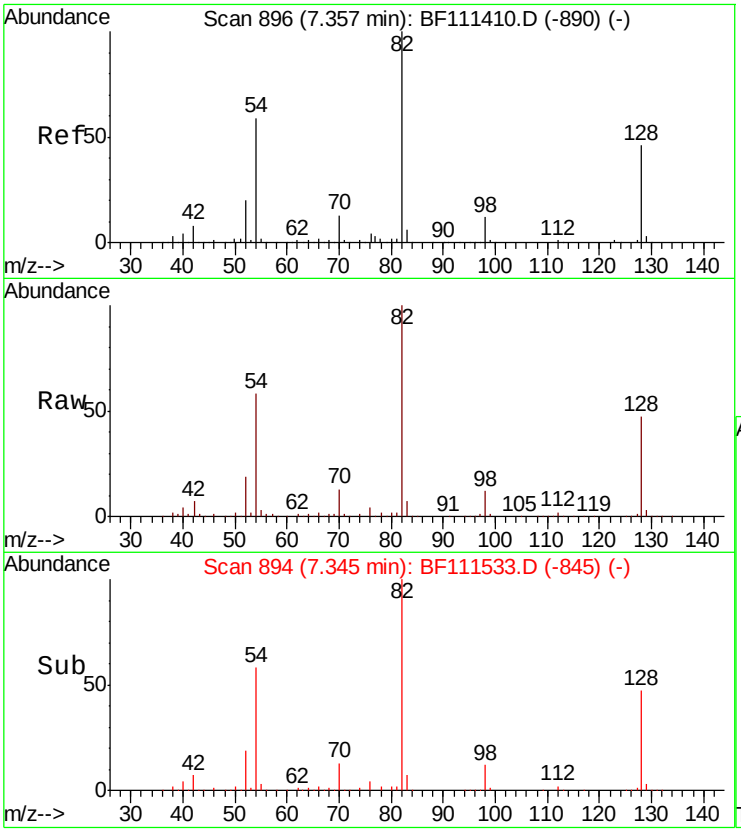


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion:136 Resp: 647241

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.8	7.7	11.5
68	5.0	4.9	7.3



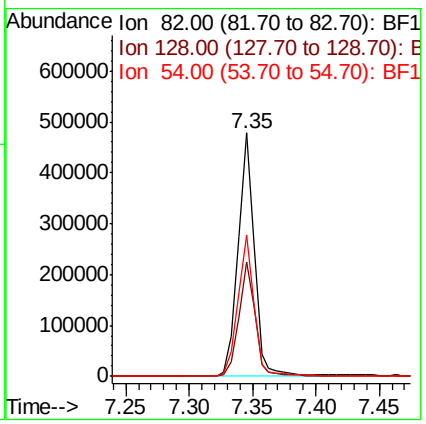


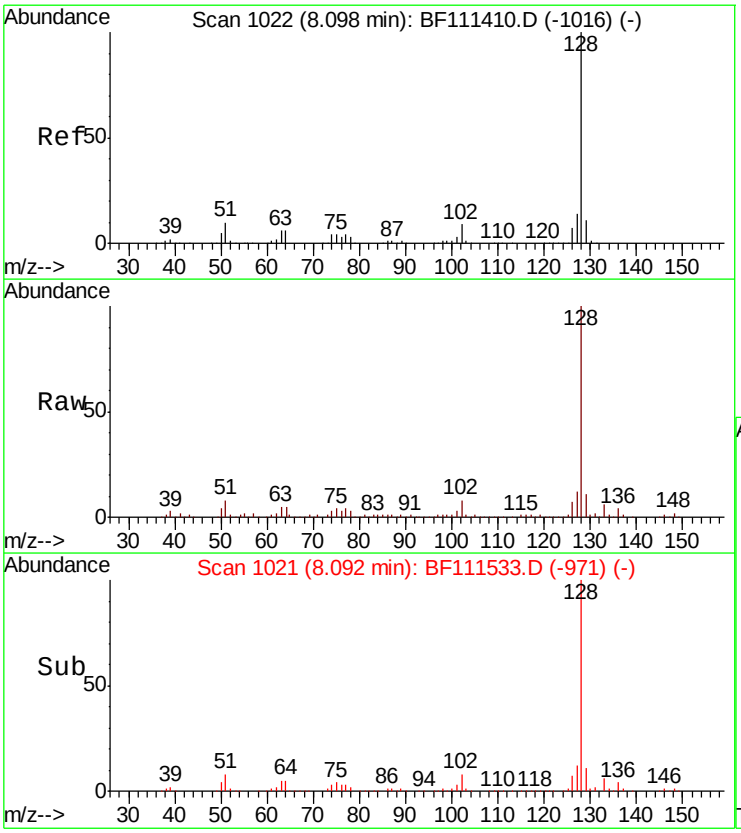
#23
Nitrobenzene-d5
Concen: 38.921 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tgt Ion: 82 Resp: 423035

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.4	56.2
54	58.2	47.6	71.4

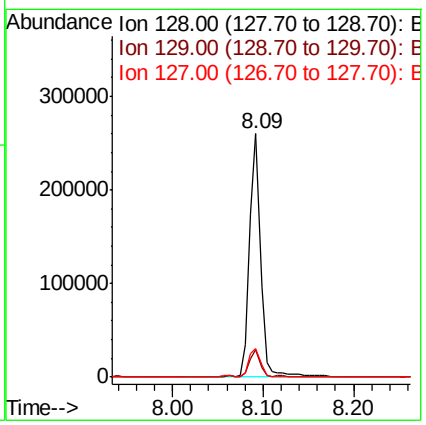


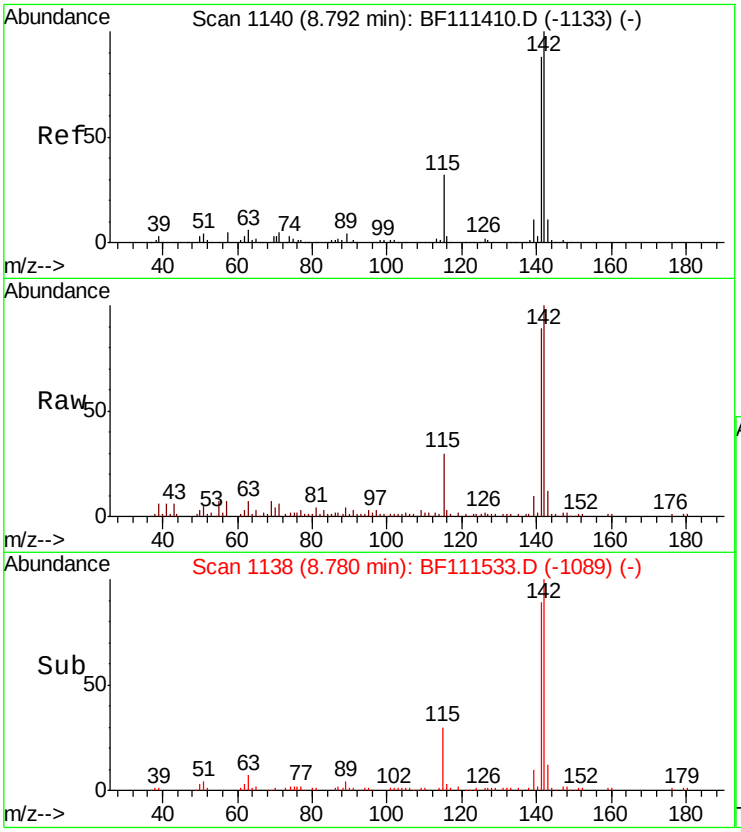


#31
Naphthalene
Concen: 7.306 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion:128 Resp: 221187

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.8
127	11.9	12.0	18.0#



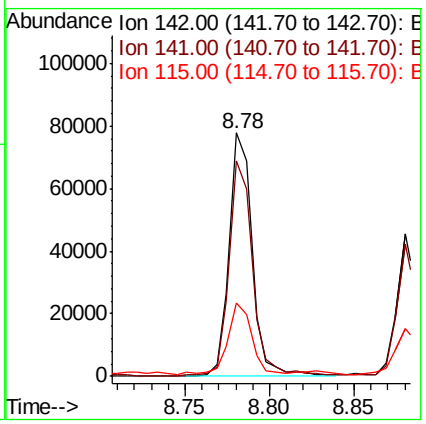


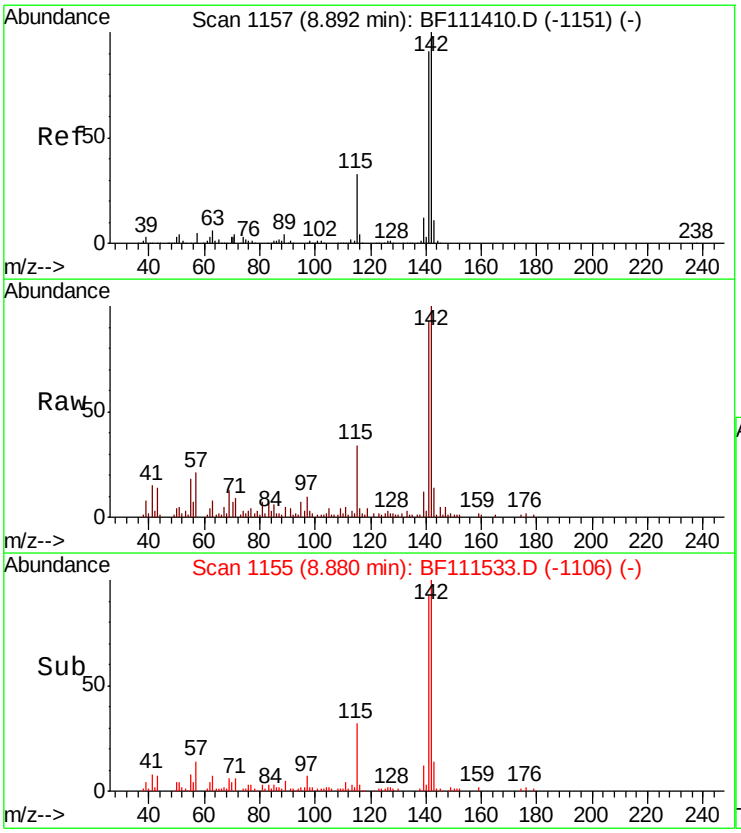
#37
2-Methylnaphthalene
Concen: 3.604 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tgt Ion:142 Resp: 73838

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.6	105.8
115	30.1	27.0	40.6

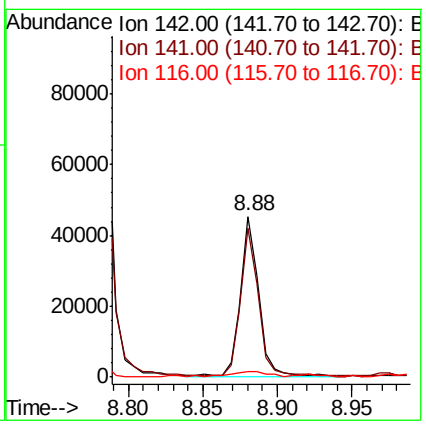


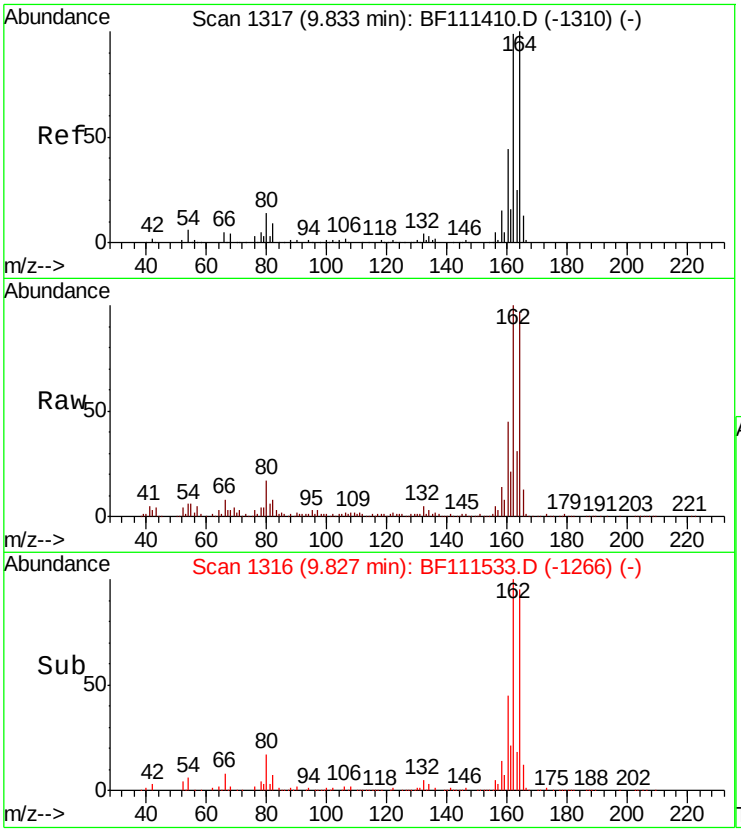


#38
1-Methylnaphthalene
Concen: 2.011 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion:142 Resp: 39804

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4
116	3.7	2.9	4.3



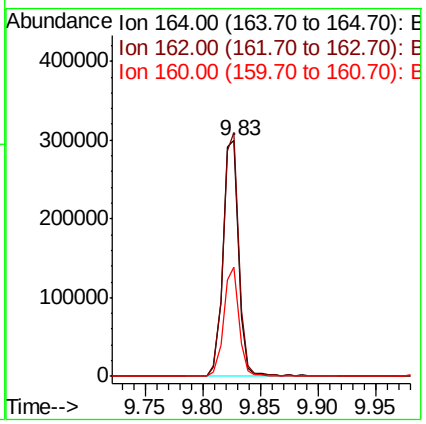


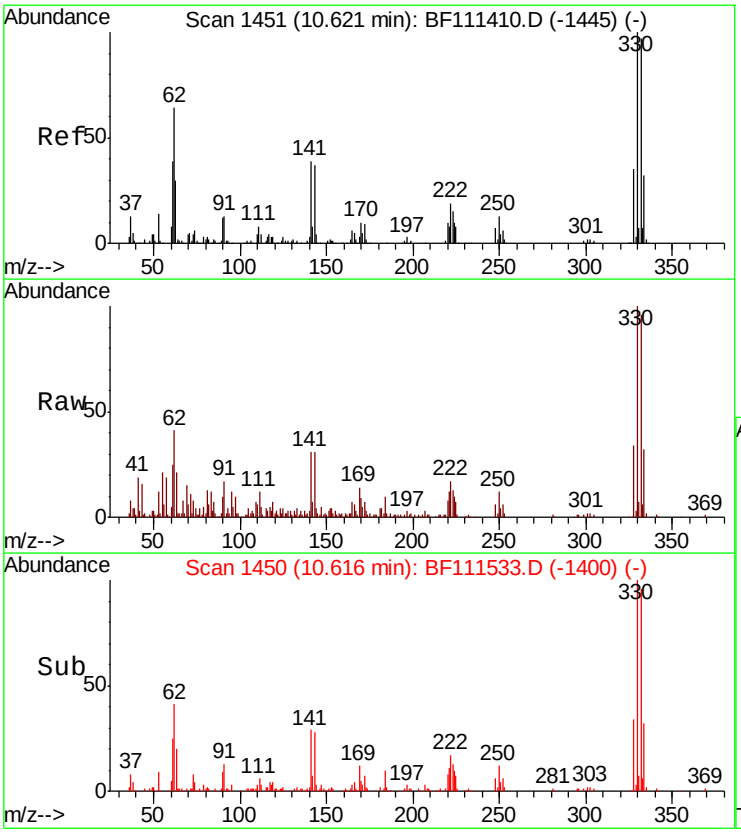
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tgt Ion:164 Resp: 284482

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.4	122.0
160	46.3	35.7	53.5

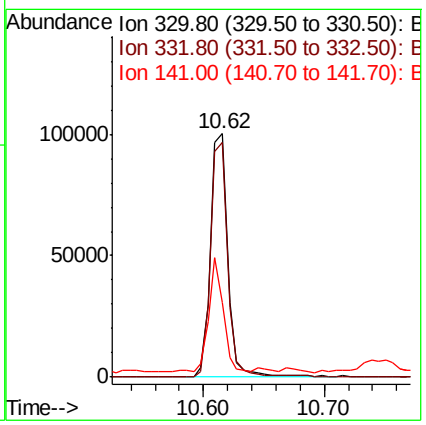


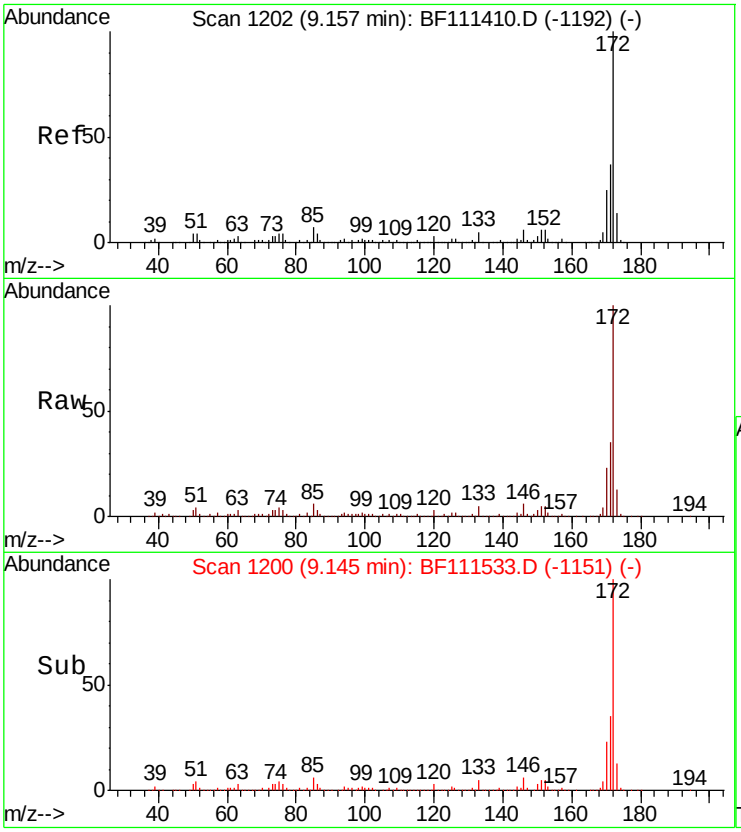


#42
2,4,6-Tribromophenol
Concen: 38.765 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion:330 Resp: 98787

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.0	114.0
141	39.4	31.0	46.6



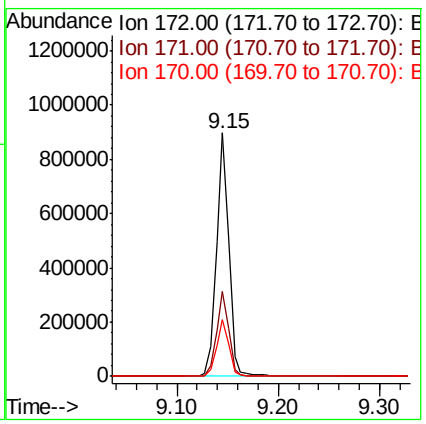


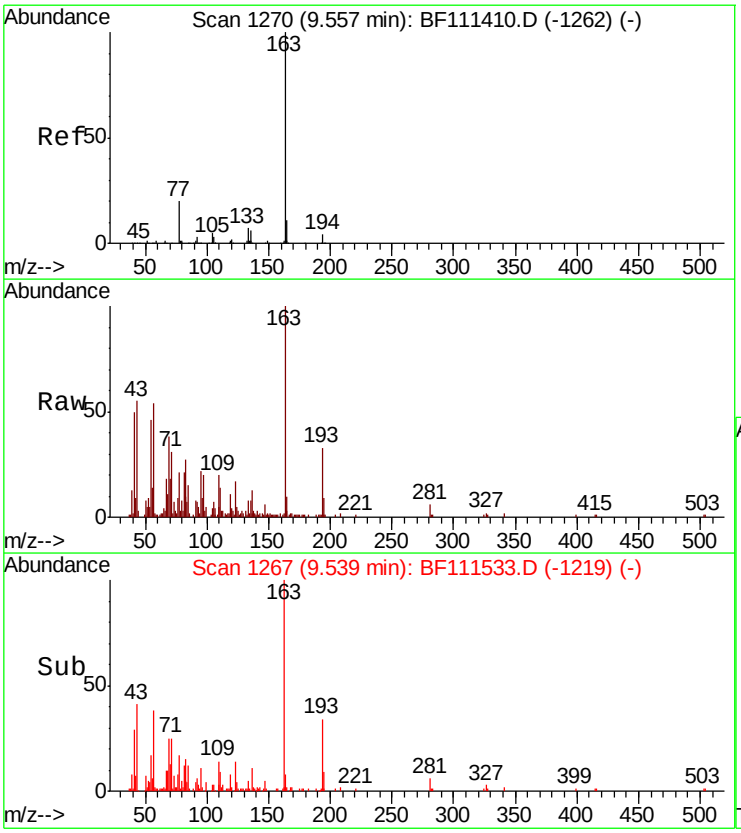
#45
2-Fluorobiphenyl
Concen: 41.511 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tgt Ion:172 Resp: 764532

Ion	Ratio	Lower	Upper
172	100		
171	35.0	33.0	49.4
170	23.3	22.3	33.5

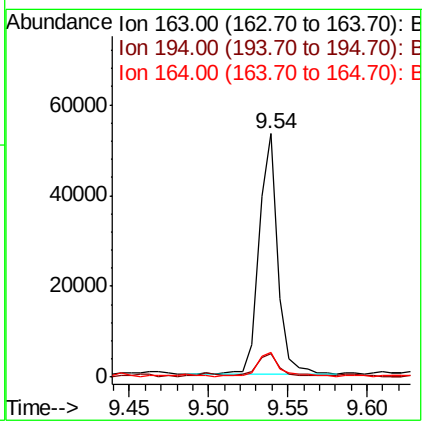


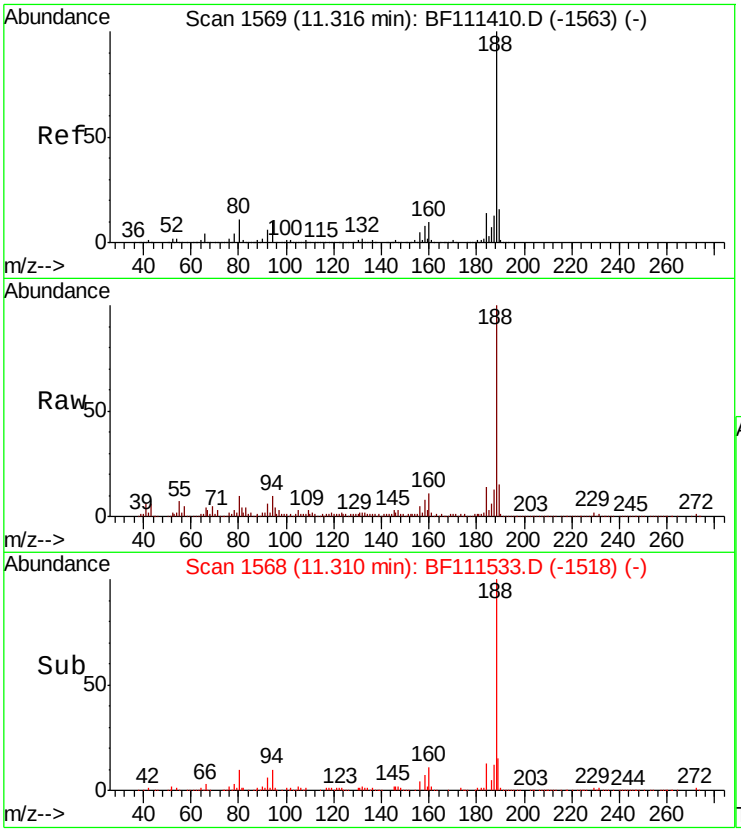


#50
Dimethylphthalate
Concen: 2.142 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion:163 Resp: 43877

Ion	Ratio	Lower	Upper
163	100		
194	9.4	3.0	4.6#
164	10.1	8.9	13.3



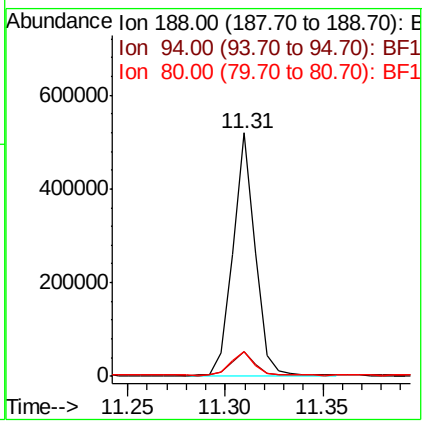


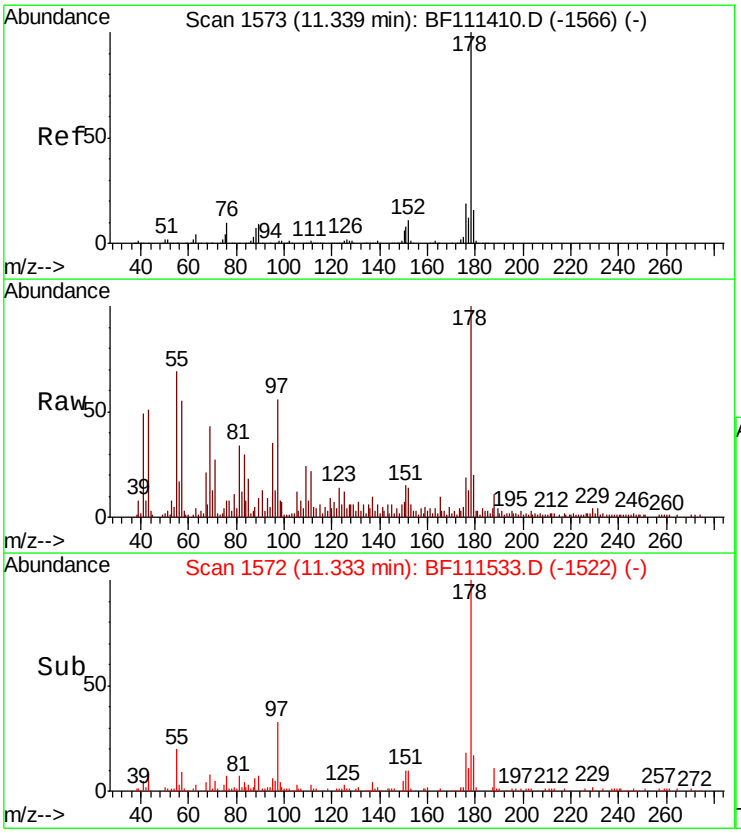
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tgt Ion:188 Resp: 413076

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.6	14.4
80	10.0	9.8	14.6

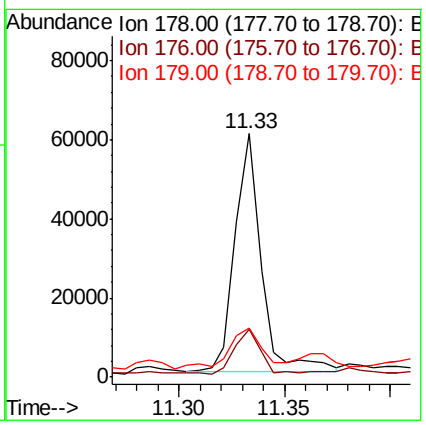


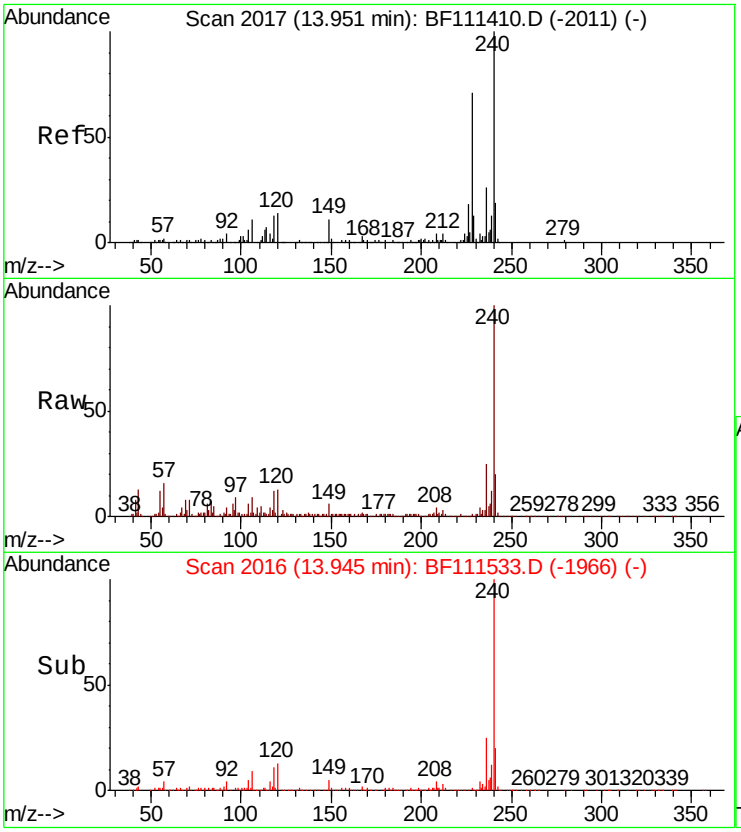


#71
Phenanthrene
Concen: 2.426 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion:178 Resp: 51627

Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.1	27.1
179	20.0	14.0	21.0



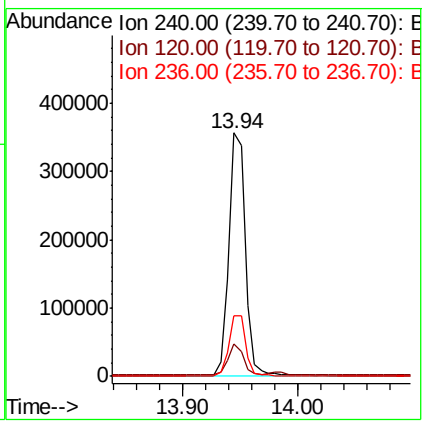


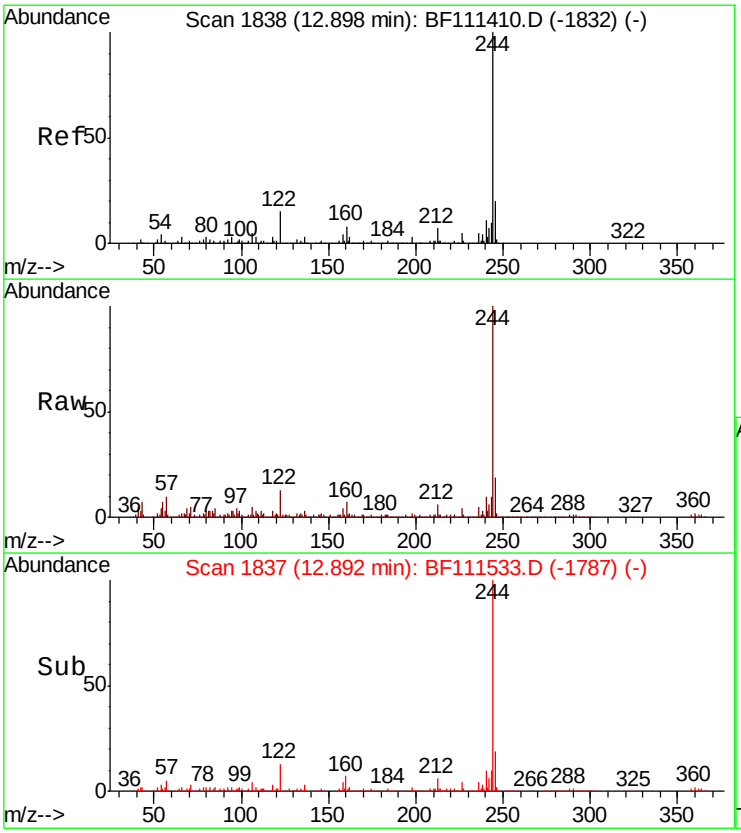
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tgt Ion:240 Resp: 358471

Ion	Ratio	Lower	Upper
240	100		
120	13.4	12.2	18.2
236	24.7	20.2	30.2

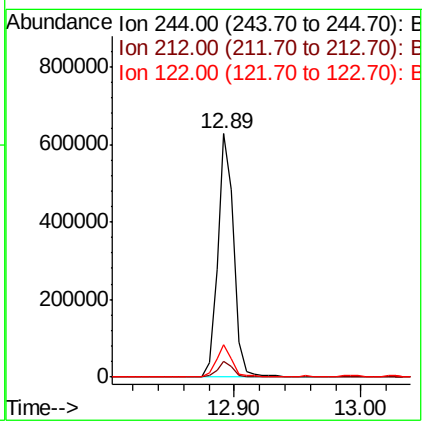


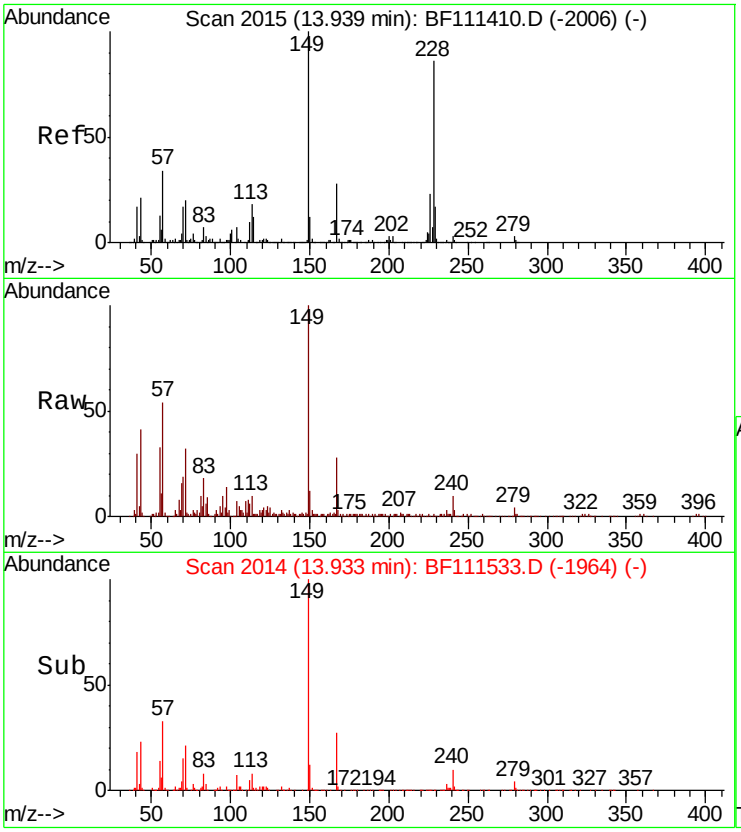


#79
Terphenyl-d14
Concen: 36.199 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion:244 Resp: 552591

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	13.4	13.1	19.7



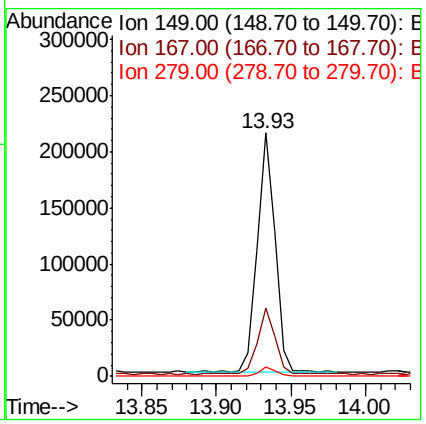


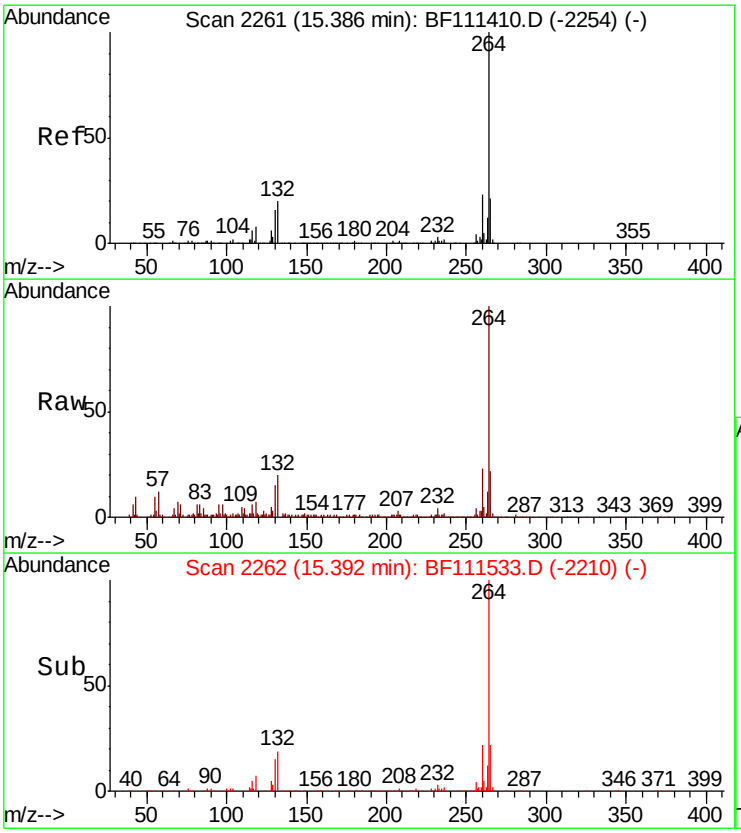
#84
Bis(2-ethylhexyl)phthalate
Concen: 11.154 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tgt Ion:149 Resp: 175509

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.5	33.7
279	3.7	2.6	4.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion:264 Resp: 350337

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	21.8	17.7	26.5