Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113014.D
Acq On : 12 Mar 2019 20:32
Operator : JU/SJ
Sample : K1844-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-4

Quant Time: Mar 13 04:35:33 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	6.73	152	179529	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	615410	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	273004	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	494358	20.00	ng	0.00
76) Chrysene-d12	13.86	240	496894	20.00	ng	0.00
87) Perylene-d12	15.27	264	371806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	675552	58.53	ng	0.00
7) Phenol-d6	6.37	99	520029	35.87	ng	0.00
23) Nitrobenzene-d5	7.29	82	989788	96.24	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	405334	139.85	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1618867	104.51	ng	0.00
79) Terphenyl-d14	12.82	244	1672908	65.26	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.38	94	38513	2.276	ng	94
15) Benzyl Alcohol	6.87	79	79510	7.192	ng	94
32) Benzoic acid	7.79	122	29544	4.755	ng	96
60) Diethylphthalate	10.18	149	46714	2.197	ng	99

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

Quantitation Report (QT/LSC Reviewed)

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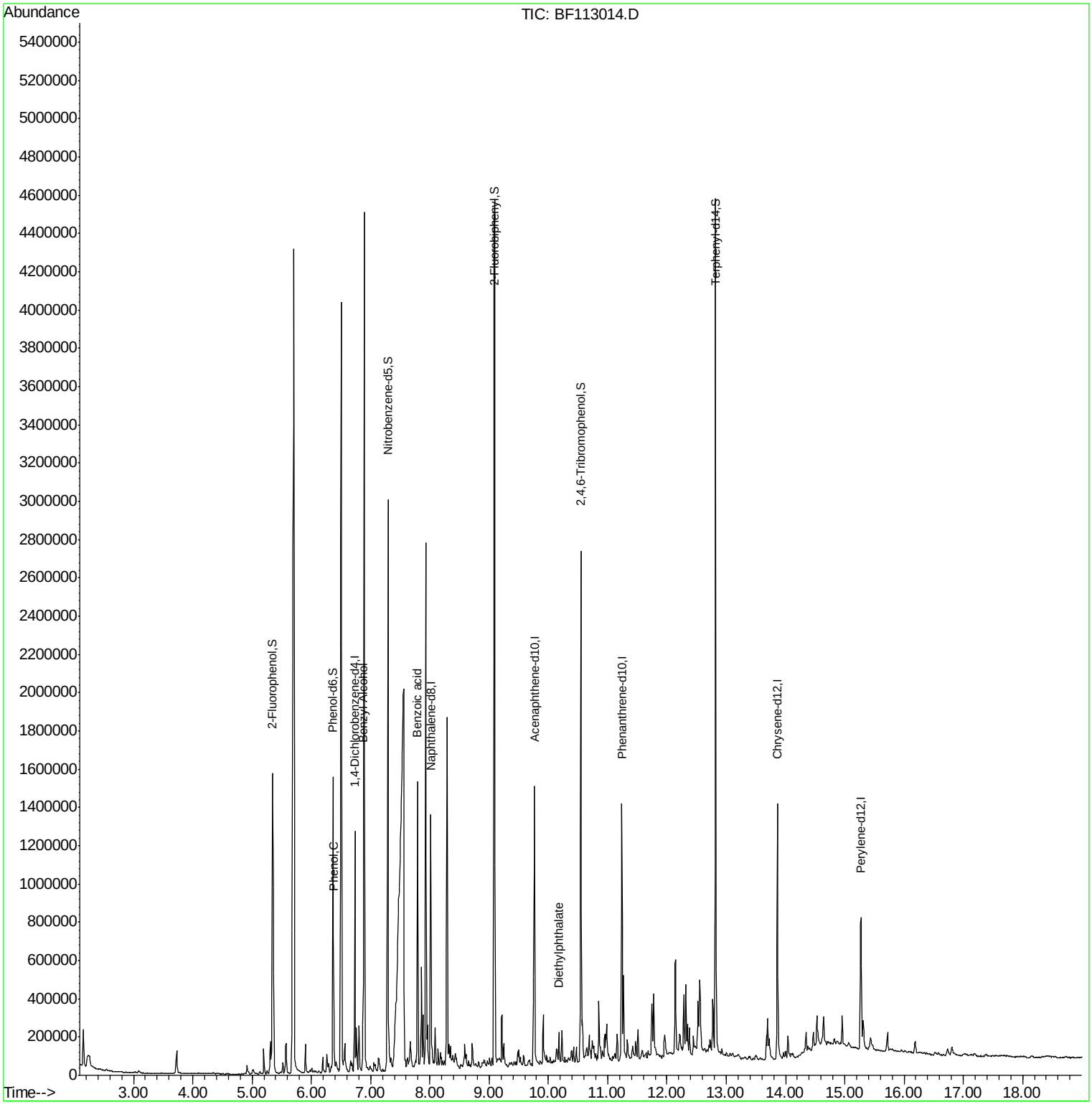
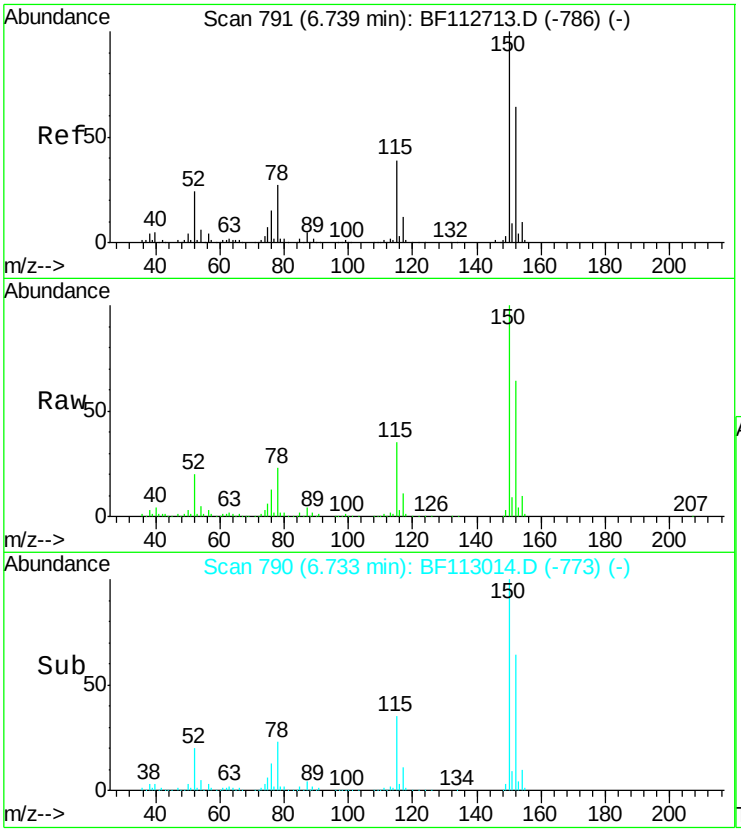


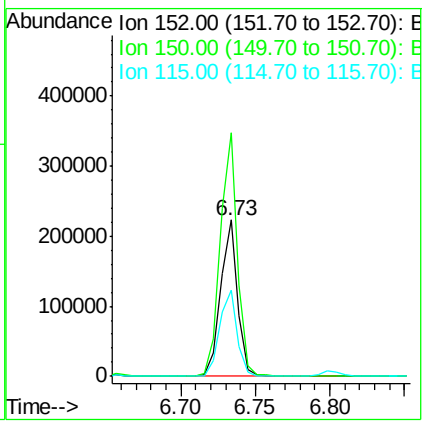


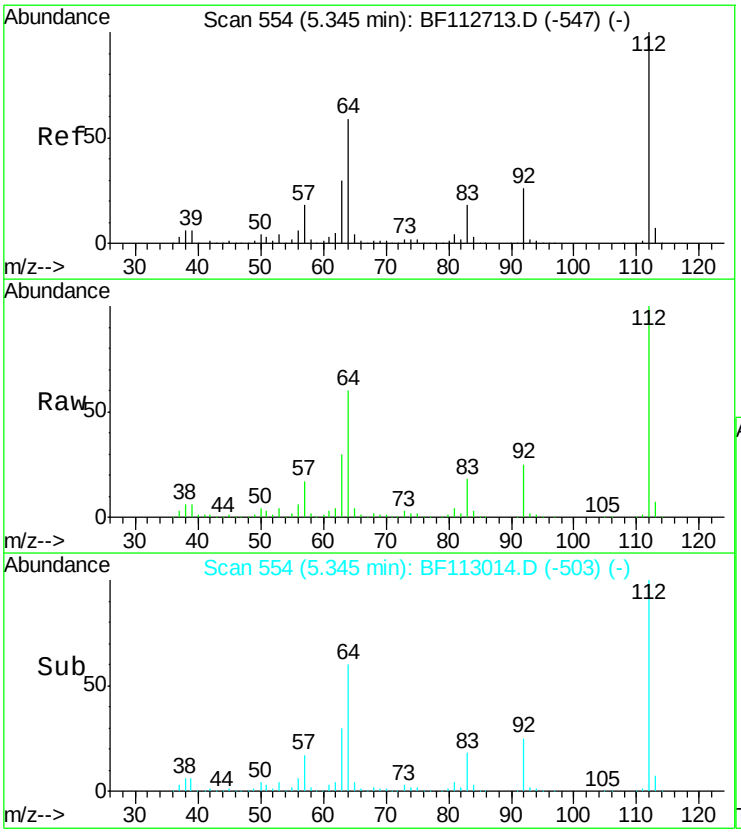
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

Tgt Ion:152 Resp: 179529

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.2
115	55.2	48.2	72.4

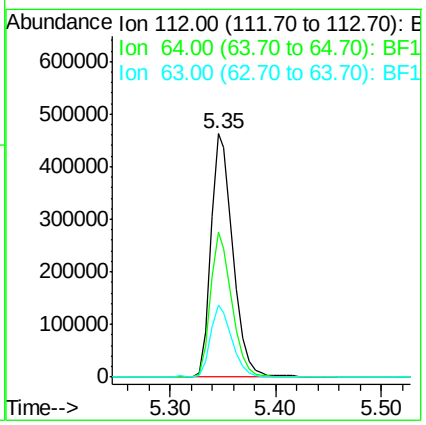


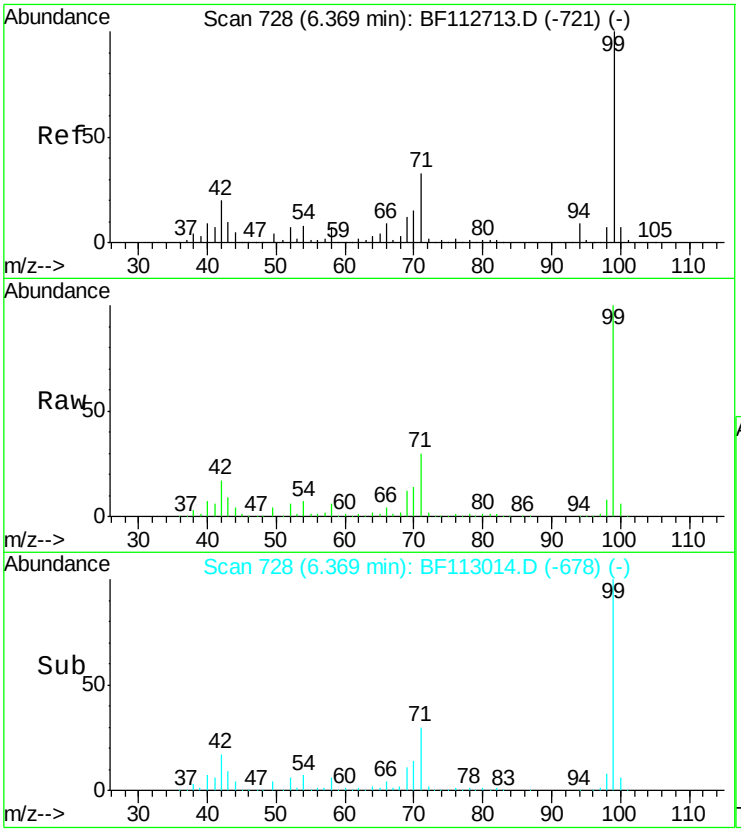


#5
2-Fluorophenol
Concen: 58.534 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Tgt Ion:112 Resp: 675552

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.6	71.4
63	29.7	24.4	36.6



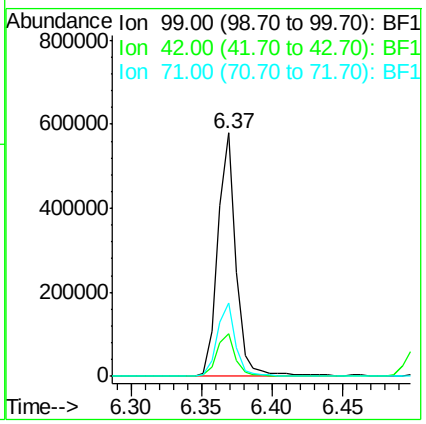


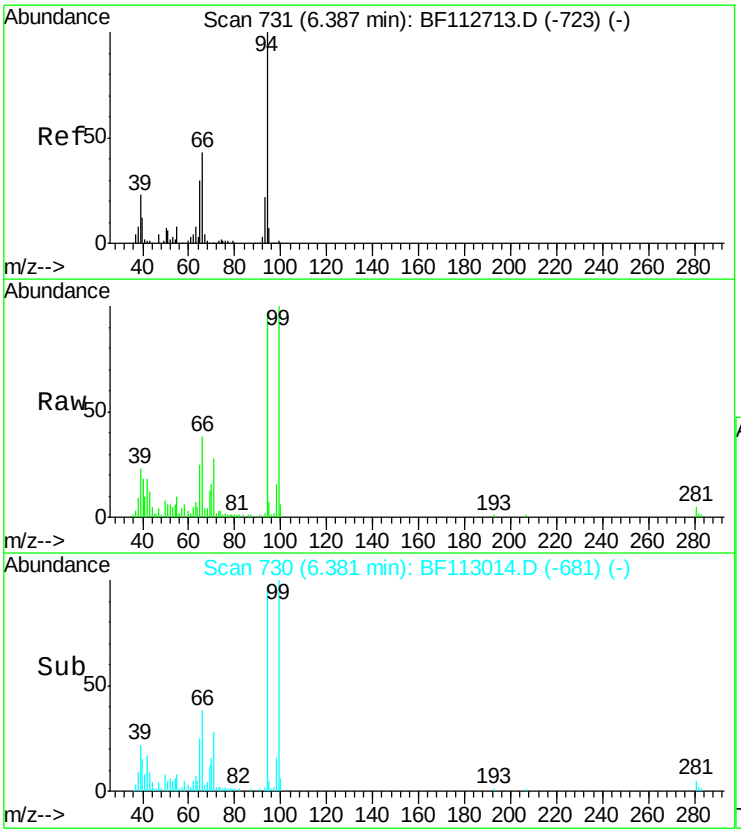
#7
Phenol-d6
Concen: 35.870 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

Tgt Ion: 99 Resp: 520029

Ion	Ratio	Lower	Upper
99	100		
42	17.4	16.3	24.5
71	30.2	26.2	39.4

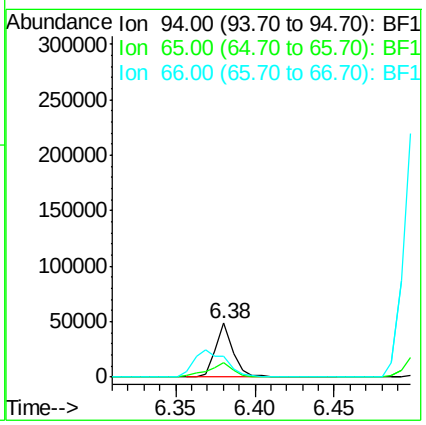


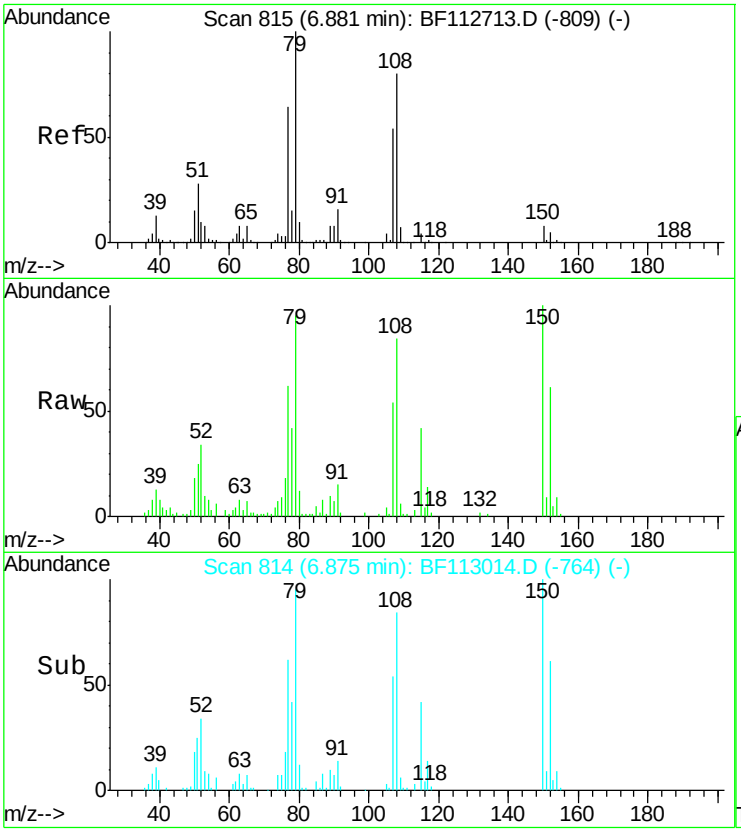


#10
Phenol
Concen: 2.276 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Tgt Ion: 94 Resp: 38513

Ion	Ratio	Lower	Upper
94	100		
65	26.0	10.5	50.5
66	39.6	22.6	62.6



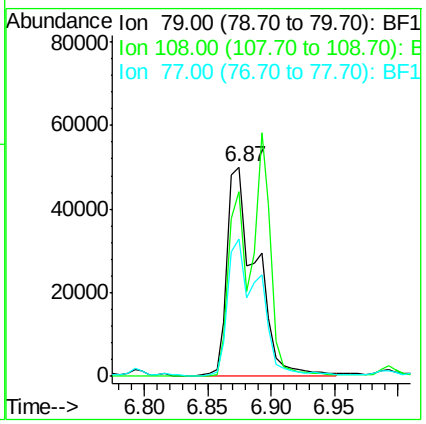


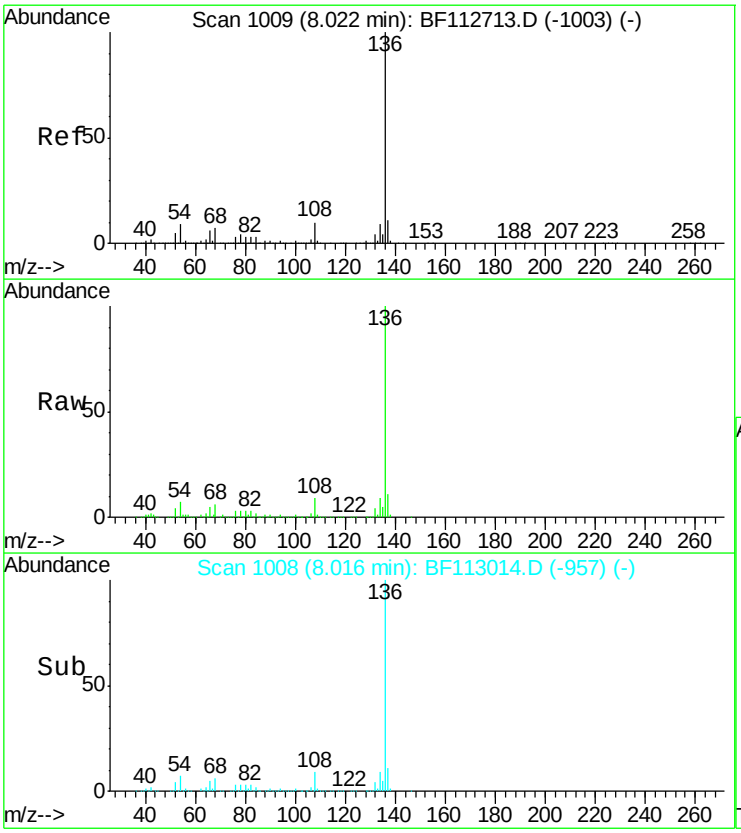
#15
Benzyl Alcohol
Concen: 7.192 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

Tgt Ion: 79 Resp: 79510

Ion	Ratio	Lower	Upper
79	100		
108	88.3	64.2	96.4
77	65.4	51.1	76.7

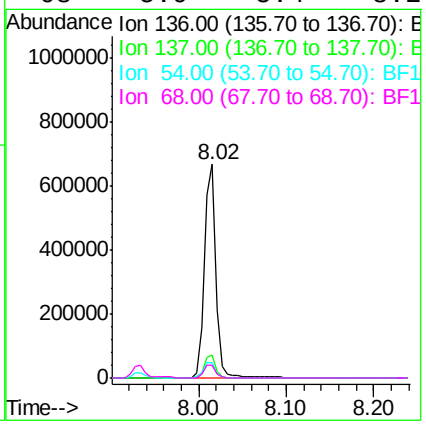


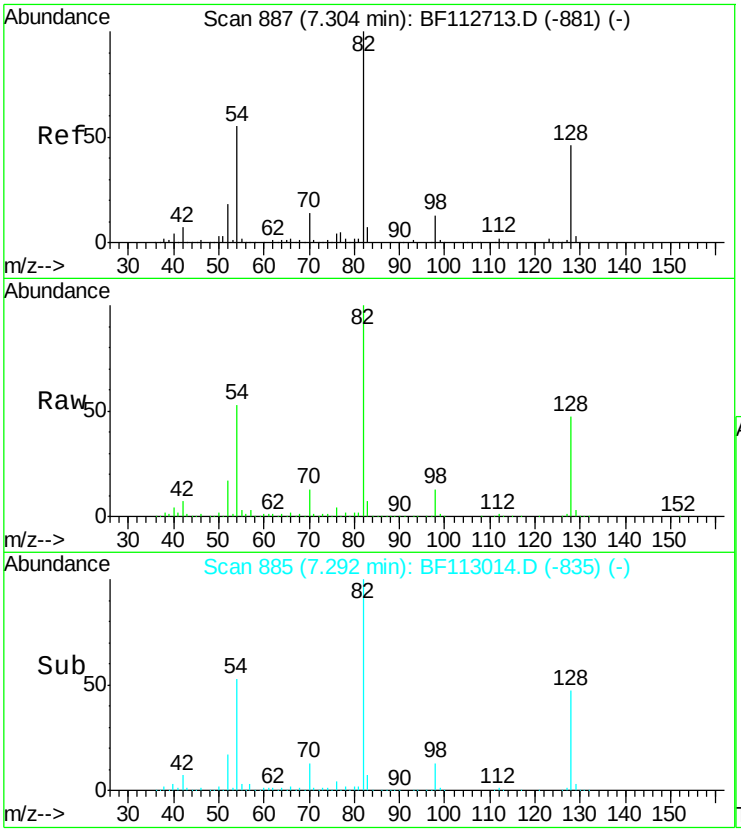


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Tgt Ion:136 Resp: 615410

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.3	7.3	10.9
68	5.9	5.4	8.2



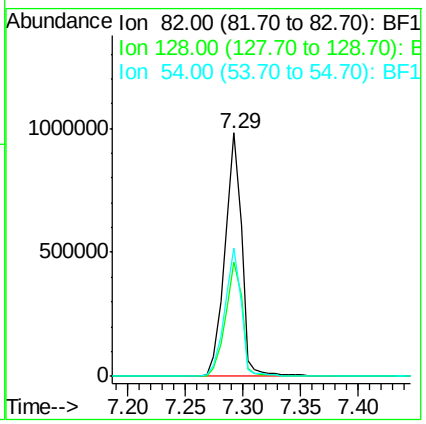


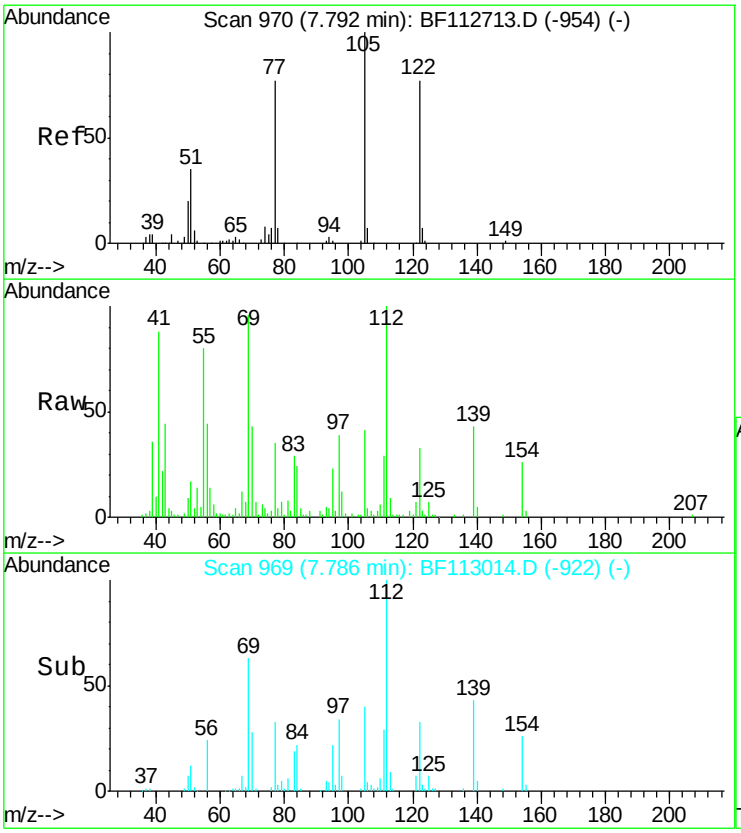
#23
Nitrobenzene-d5
Concen: 96.240 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

Tgt Ion: 82 Resp: 989788

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.3	54.5
54	52.6	43.7	65.5

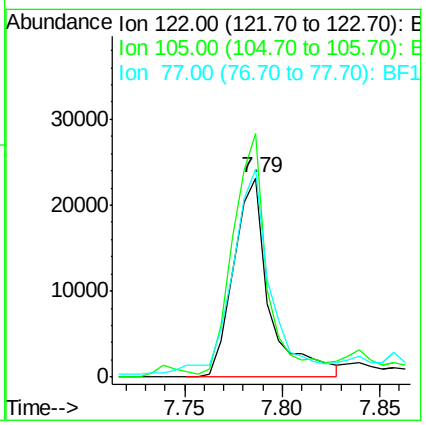


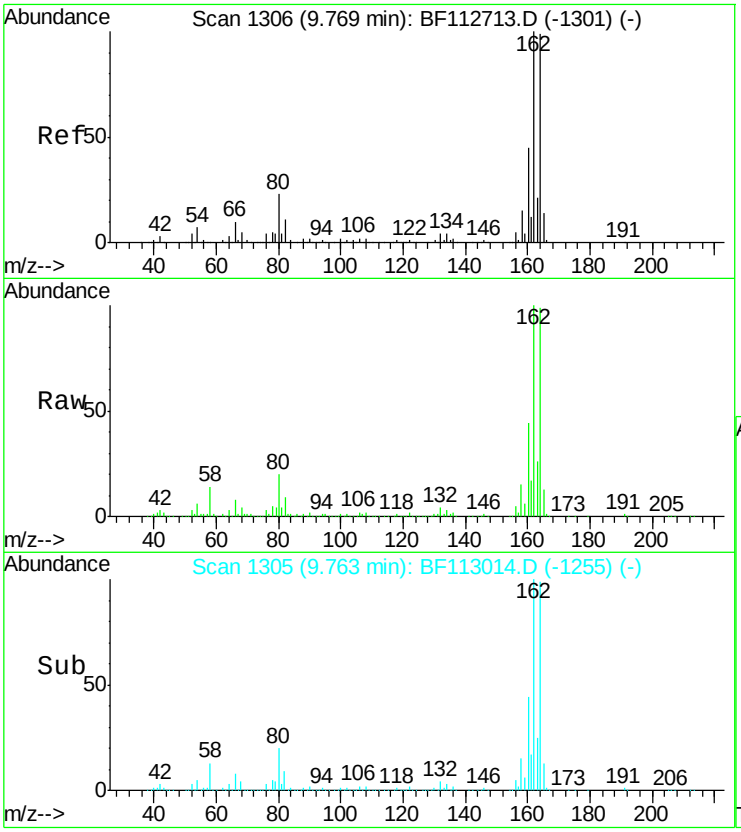


#32
Benzoic acid
Concen: 4.755 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Tgt Ion:122 Resp: 29544

Ion	Ratio	Lower	Upper
122	100		
105	122.3	106.8	146.8
77	104.5	79.4	119.4



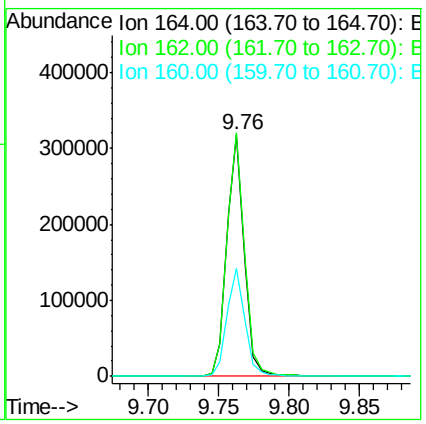


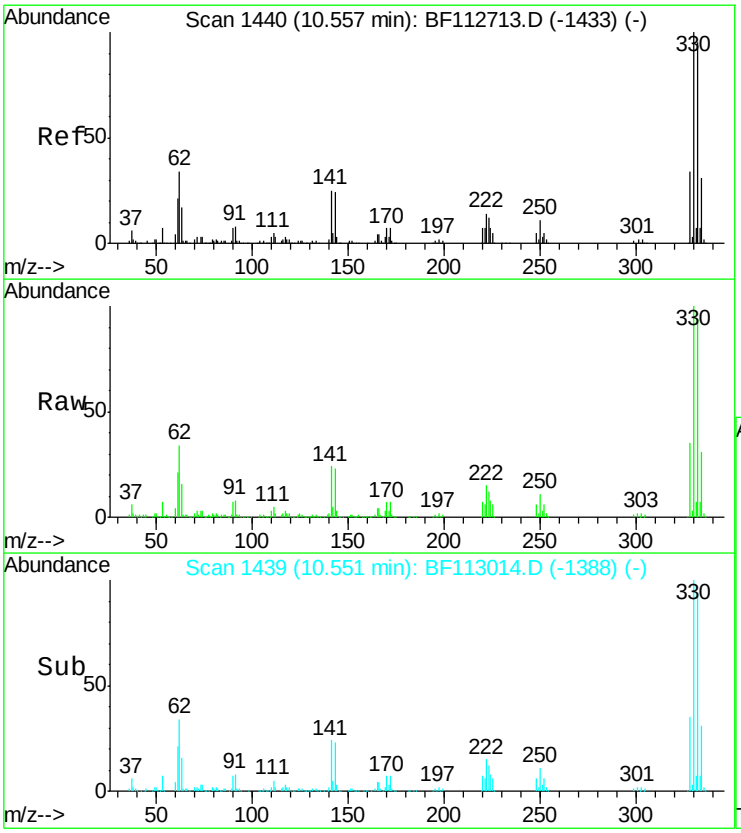
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

Tgt Ion:164 Resp: 273004

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	120.8
160	44.6	36.0	54.0

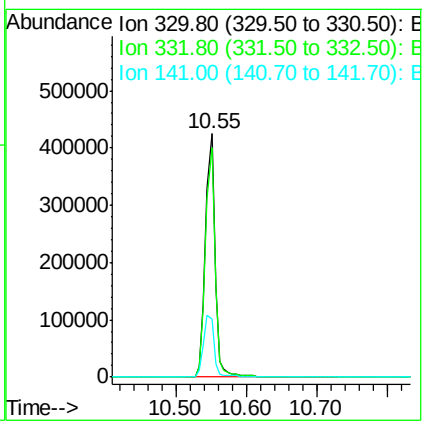


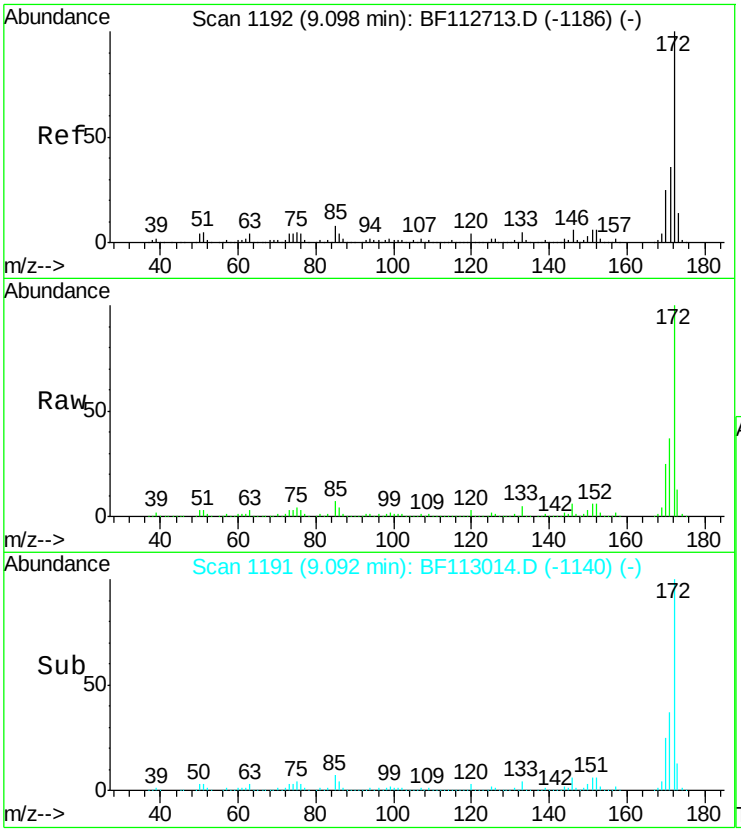


#42
2,4,6-Tribromophenol
Concen: 139.853 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Tgt Ion:330 Resp: 405334

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.4
141	27.7	27.0	40.6



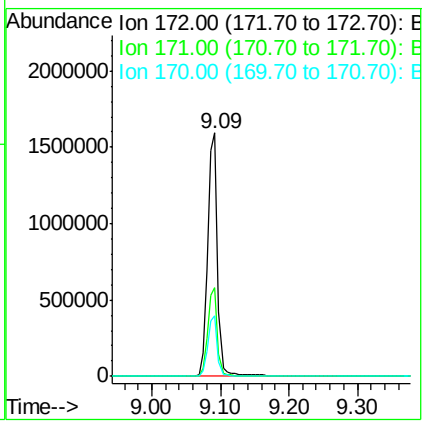


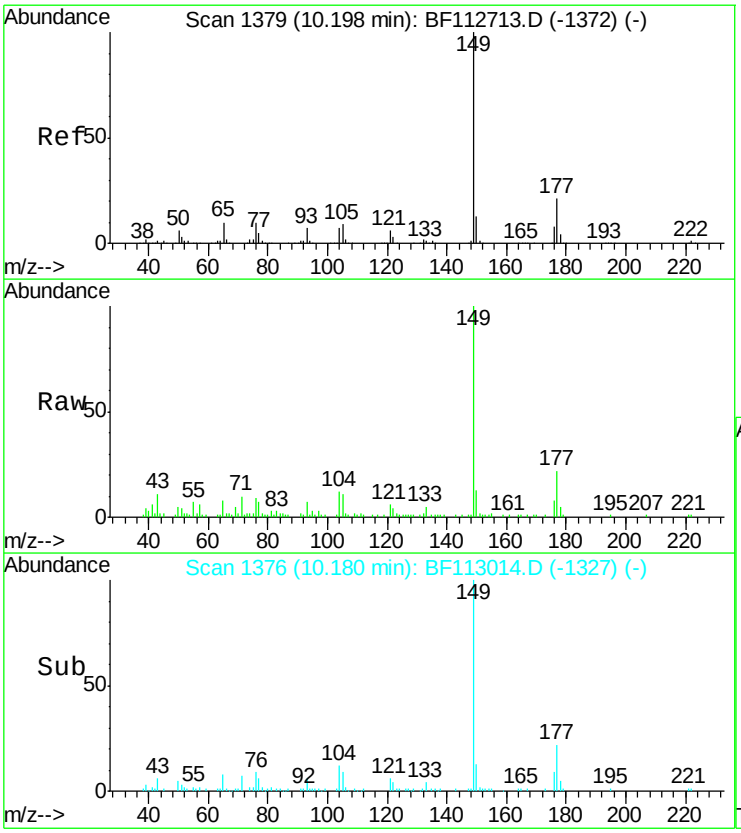
#45
2-Fluorobiphenyl
Concen: 104.513 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

Tgt Ion:172 Resp: 1618867

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	24.7	20.0	30.0

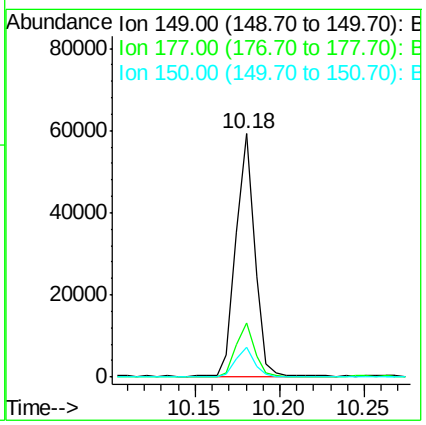


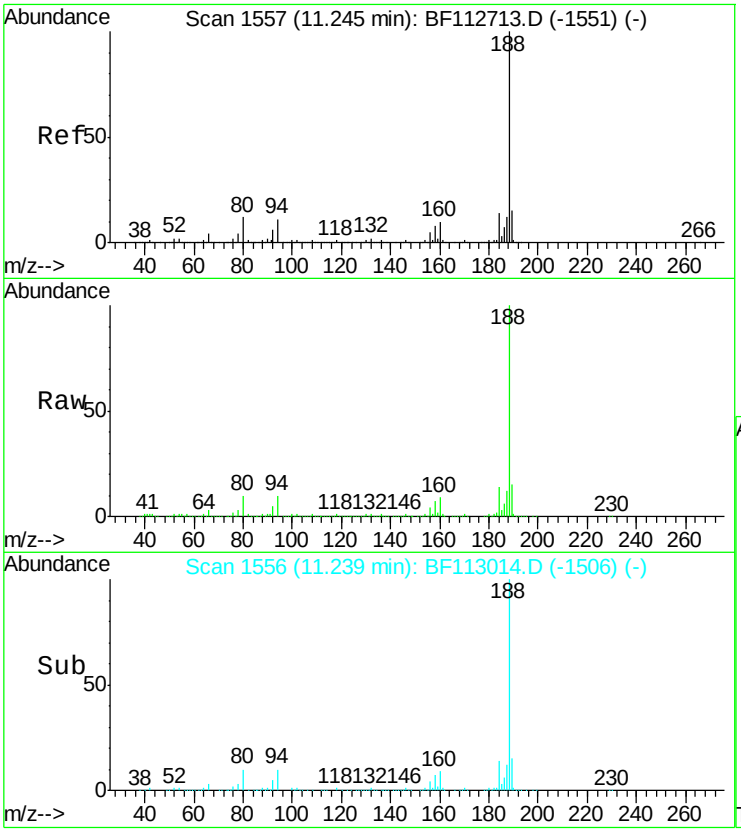


#60
Diethylphthalate
Concen: 2.197 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Tgt Ion:149 Resp: 46714

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.0	25.6
150	12.5	10.0	15.0



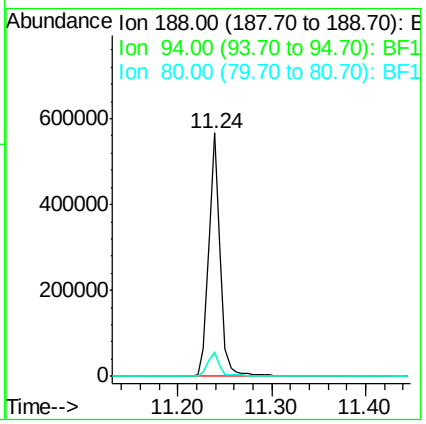


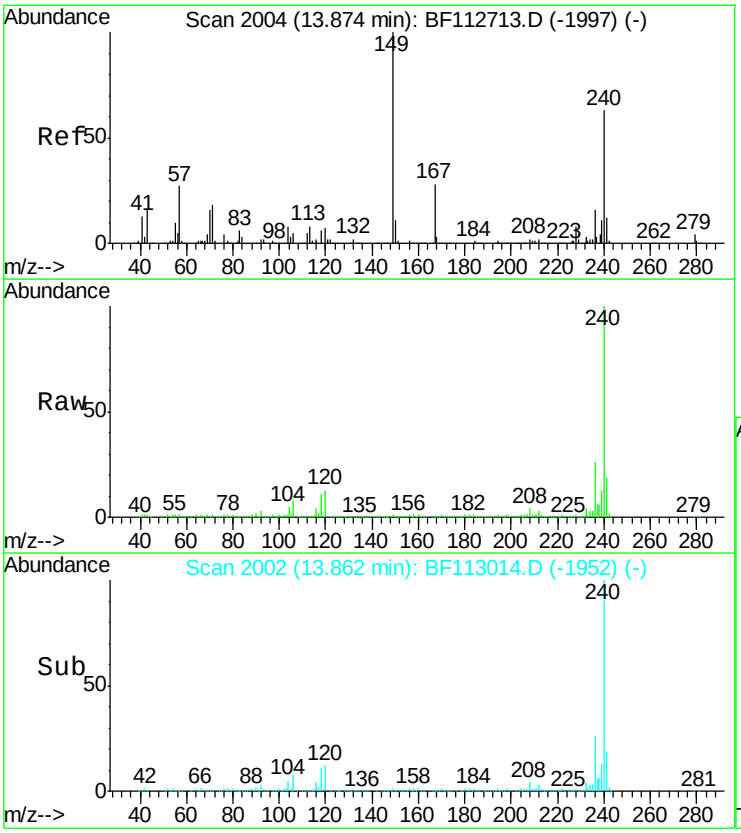
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

Tgt Ion:188 Resp: 494358

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.1	9.2	13.8

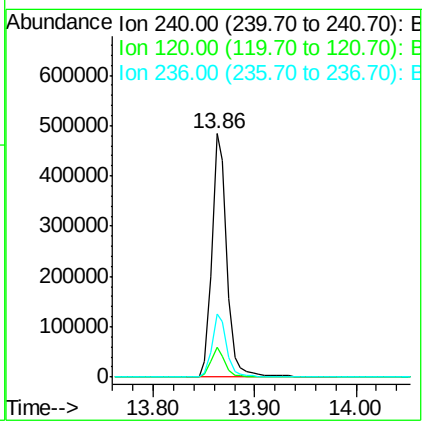


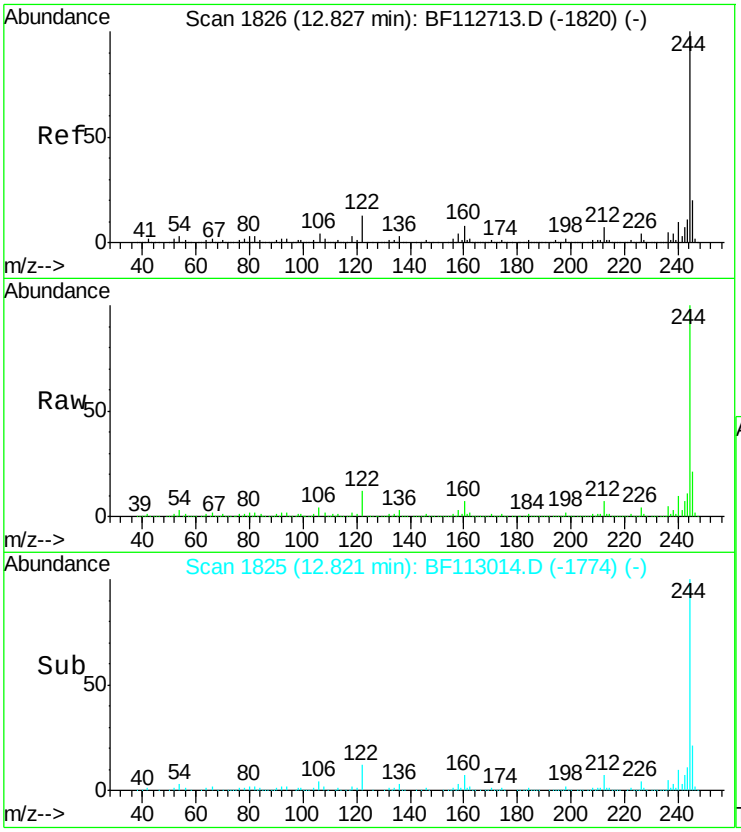


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Tgt Ion:240 Resp: 496894

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.9	13.3
236	26.1	20.7	31.1



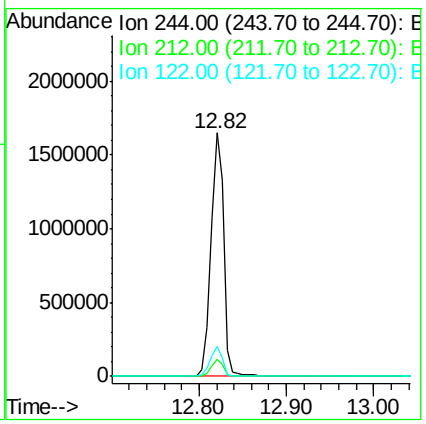


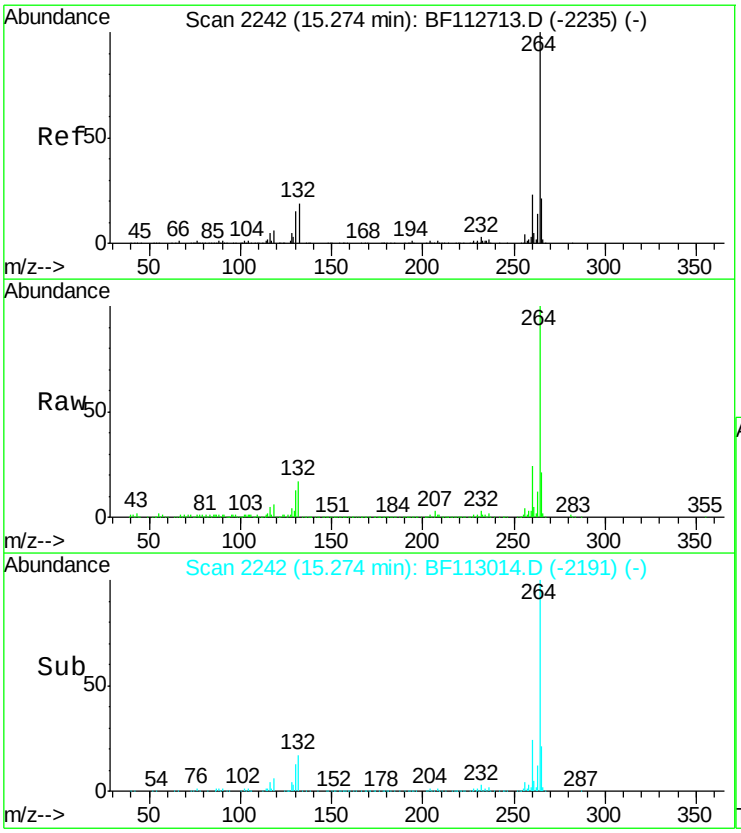
#79
Terphenyl-d14
Concen: 65.264 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

Tgt Ion:244 Resp: 1672908

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	12.1	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113014.D
Acq: 12 Mar 2019 20:32

Tgt Ion:264 Resp: 371806

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.3	17.2	25.8