Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112854.D
Acq On : 5 Mar 2019 14:37
Operator : JU/SJ
Sample : K1727-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Time: Mar 06 03:23:52 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	147241	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	465910	20.00	ng		0.00
39) Acenaphthene-d10	9.78	164	196533	20.00	ng		0.01
64) Phenanthrene-d10	11.26	188	342580	20.00	ng		0.01
76) Chrysene-d12	13.88	240	392169	20.00	ng		0.00
87) Perylene-d12	15.29	264	445319	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	267569	28.27	ng		0.00
7) Phenol-d6	6.37	99	213379	17.95	ng		0.00
23) Nitrobenzene-d5	7.30	82	530239	68.10	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	153336	73.49	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	853027	68.28	ng		0.00
79) Terphenyl-d14	12.84	244	856875	42.36	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.39	94	44398	3.200	ng		89
38) 1-Methylnaphthalene	8.84	142	34160	2.361	ng	#	97
50) Dimethylphthalate	9.49	163	50425	3.480	ng	#	80
84) Bis(2-ethylhexyl)phthalate	13.87	149	75544	4.413	ng		99

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

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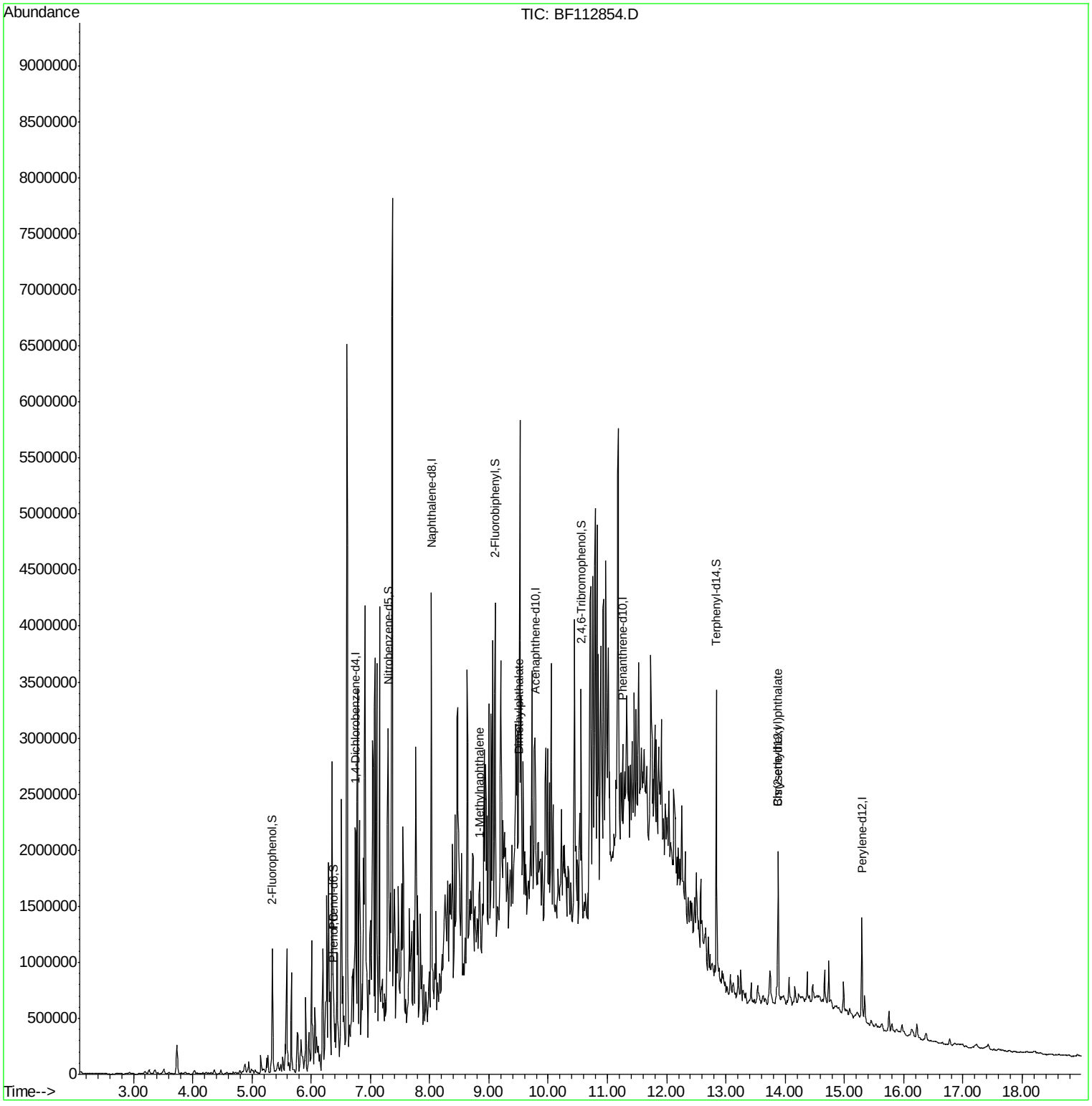
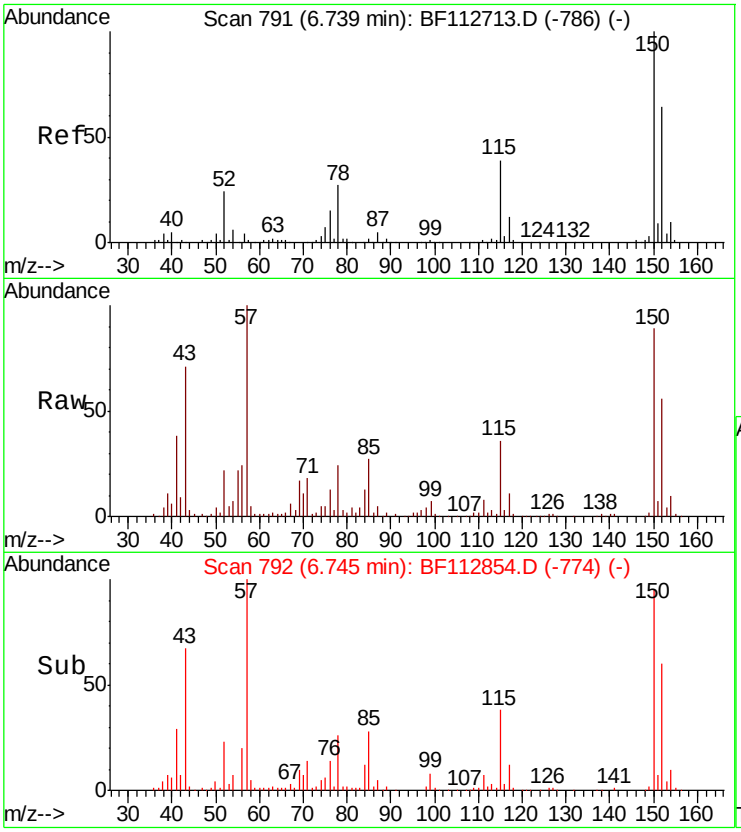


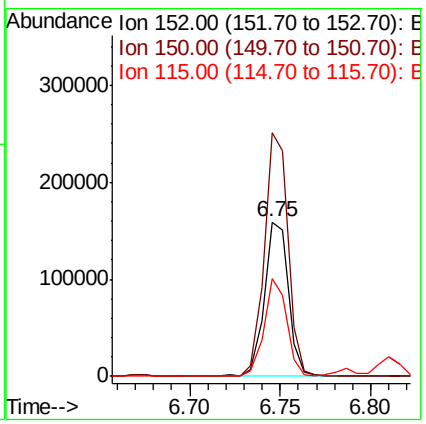


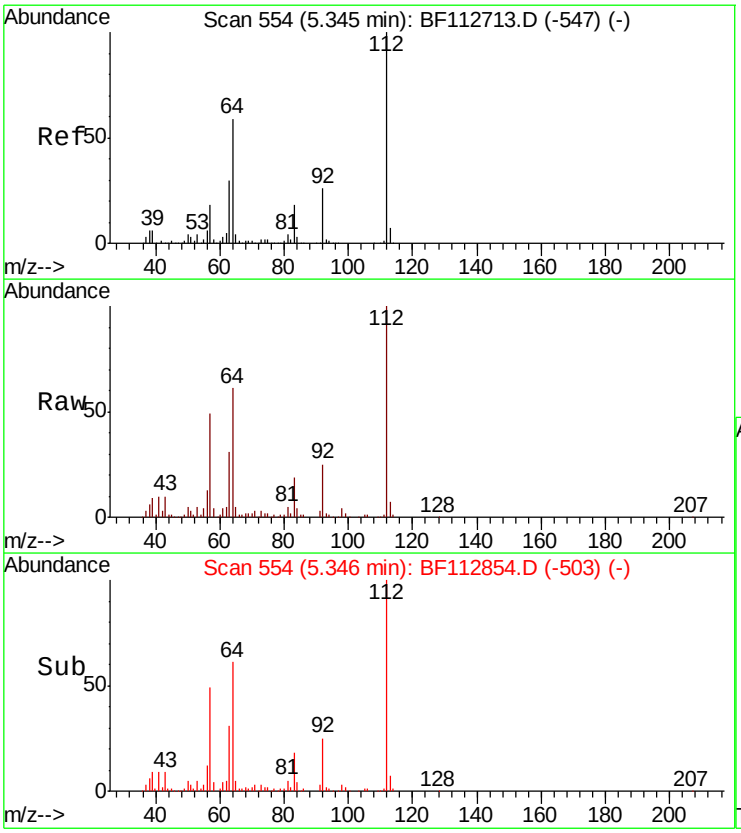
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:152 Resp: 147241

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.2	186.2
115	63.3	48.2	72.4

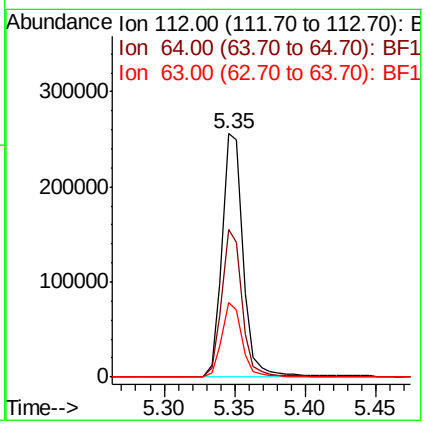


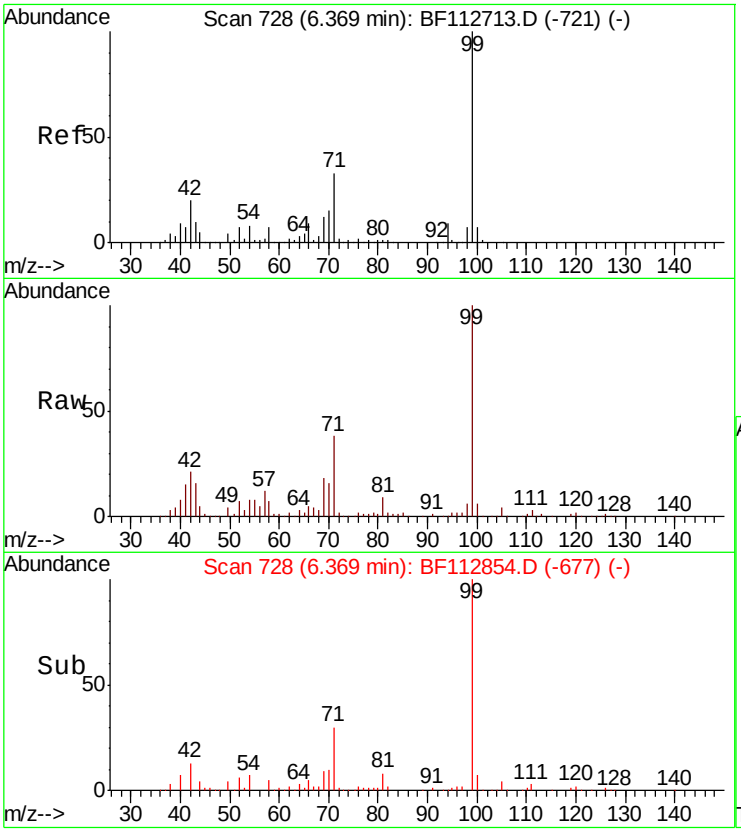


#5
2-Fluorophenol
Concen: 28.268 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Tgt Ion:112 Resp: 267569

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.6	71.4
63	30.7	24.4	36.6



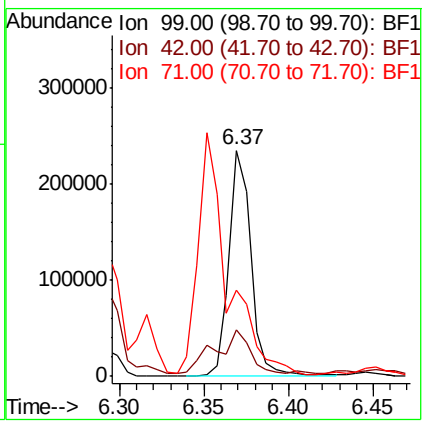


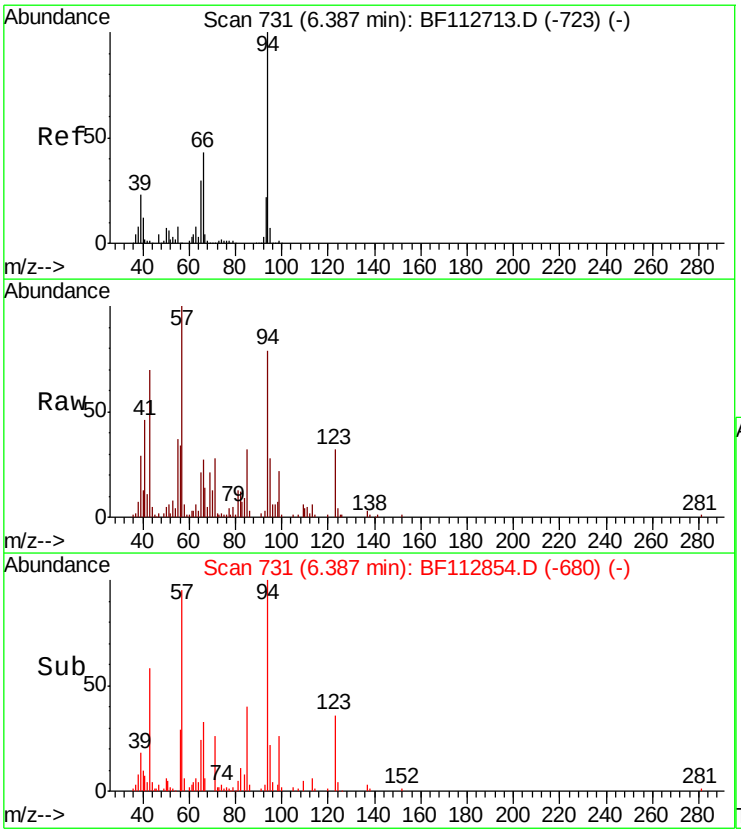
#7
Phenol-d6
Concen: 17.946 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion: 99 Resp: 213379

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.3	24.5
71	37.8	26.2	39.4

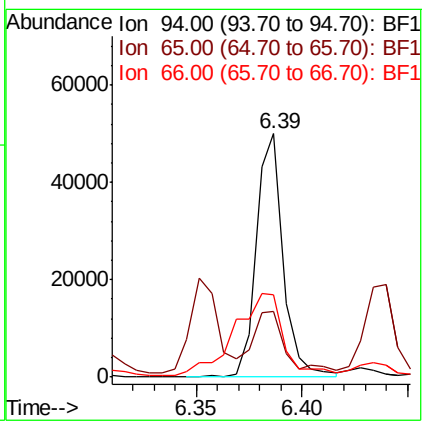


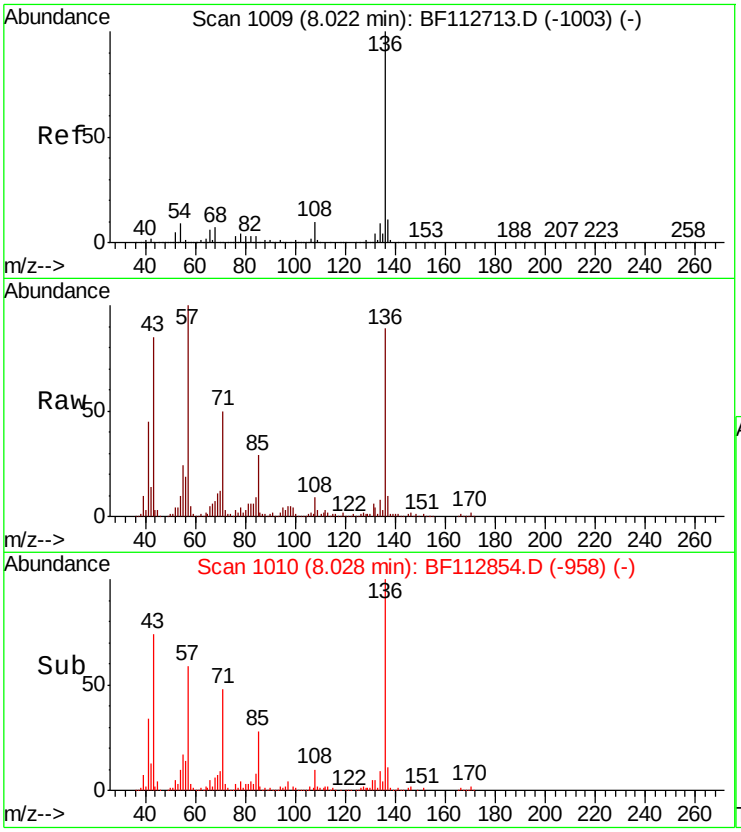


#10
Phenol
Concen: 3.200 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Tgt Ion: 94 Resp: 44398

Ion	Ratio	Lower	Upper
94	100		
65	26.9	10.5	50.5
66	33.9	22.6	62.6



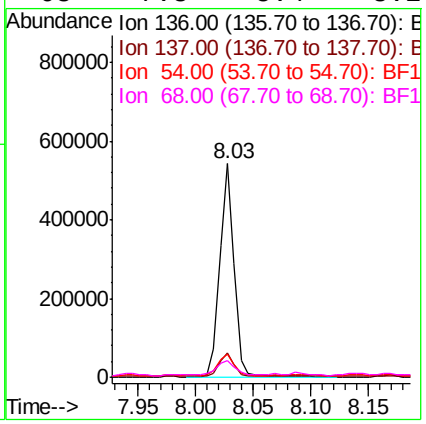


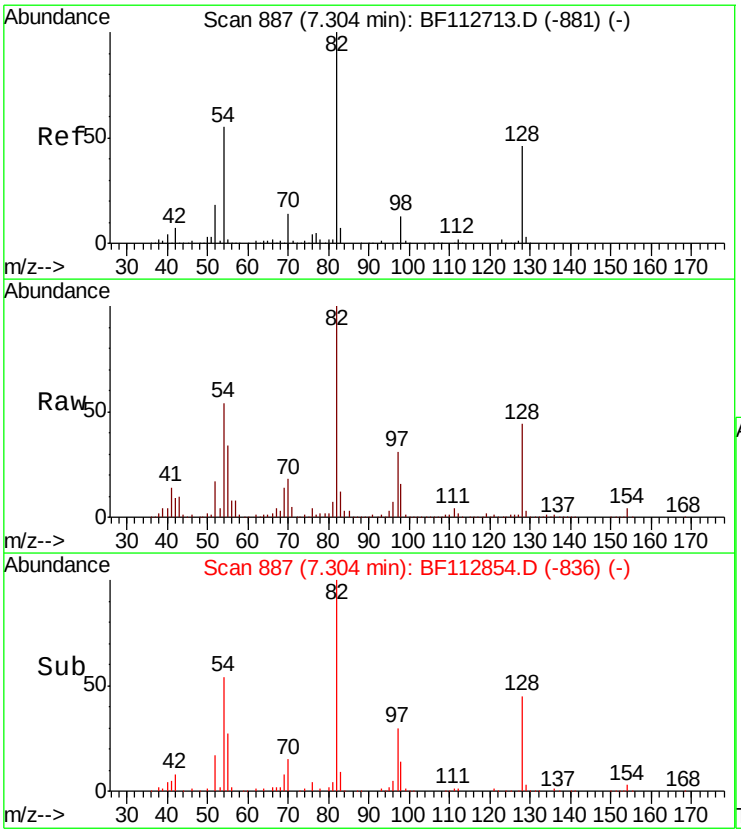
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:136 Resp: 465910

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.9	7.3	10.9
68	7.8	5.4	8.2

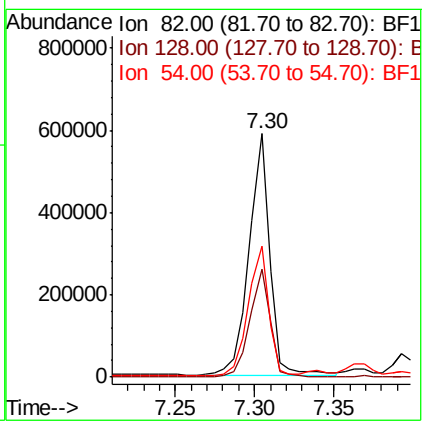


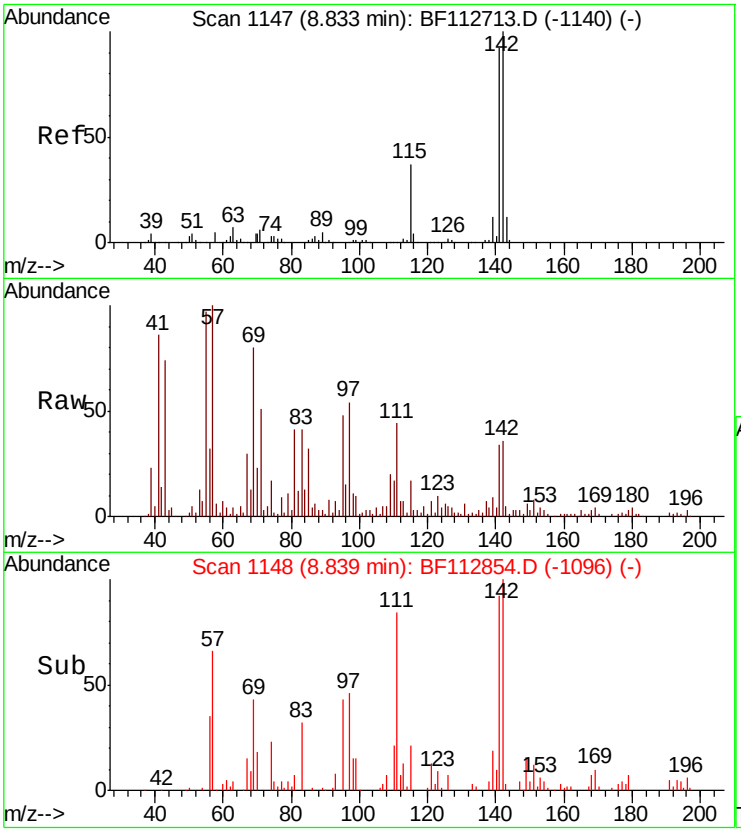


#23
Nitrobenzene-d5
Concen: 68.100 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Tgt Ion: 82 Resp: 530239

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.3	54.5
54	53.7	43.7	65.5



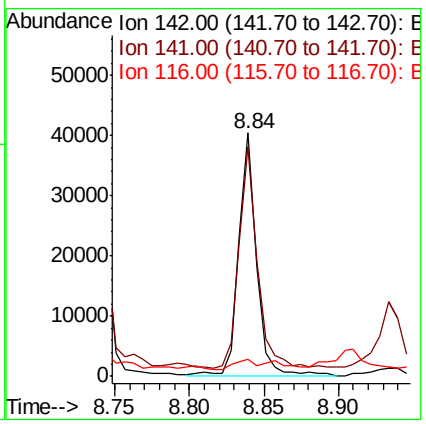


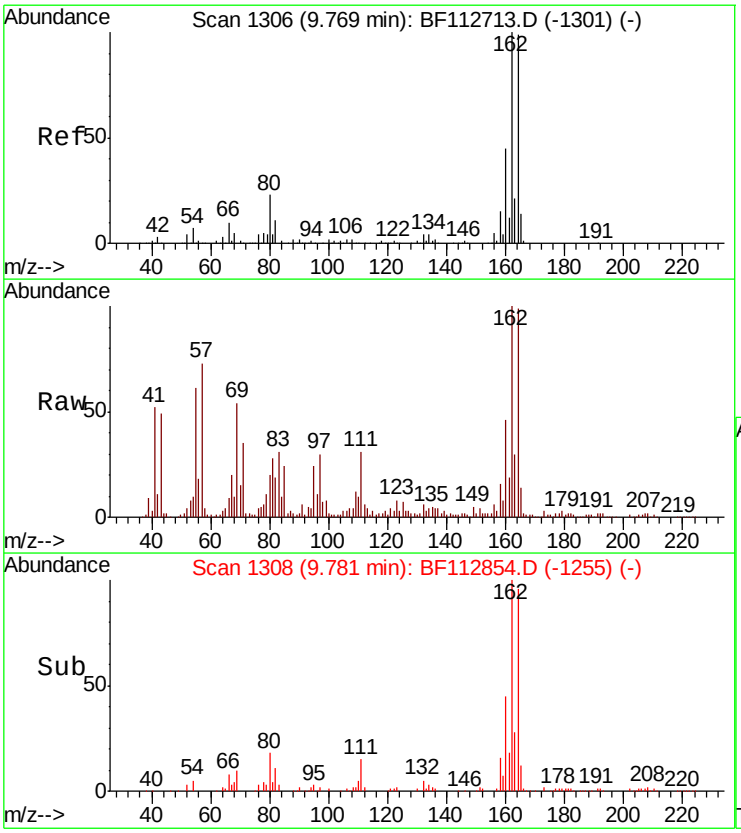
#38
1-Methylnaphthalene
Concen: 2.361 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:142 Resp: 34160

Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.7	110.5
116	7.0	3.1	4.7#

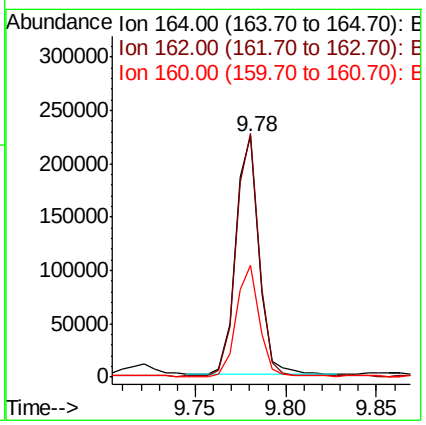


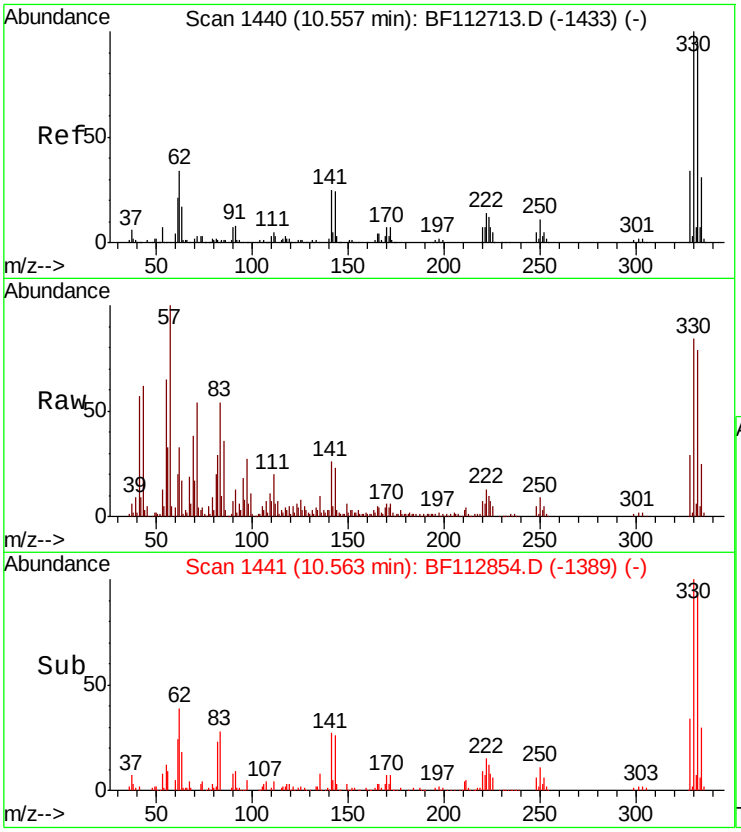


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Tgt Ion:164 Resp: 196533

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	46.3	36.0	54.0



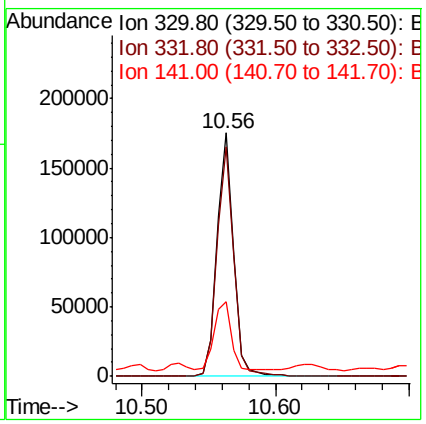


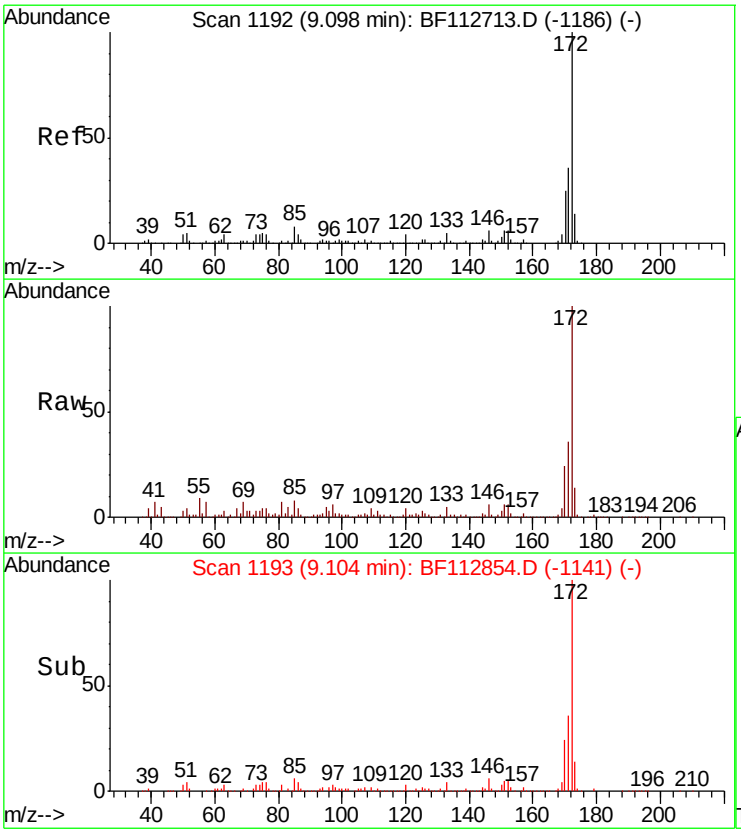
#42
2,4,6-Tribromophenol
Concen: 73.492 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:330 Resp: 153336

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.4
141	28.6	27.0	40.6

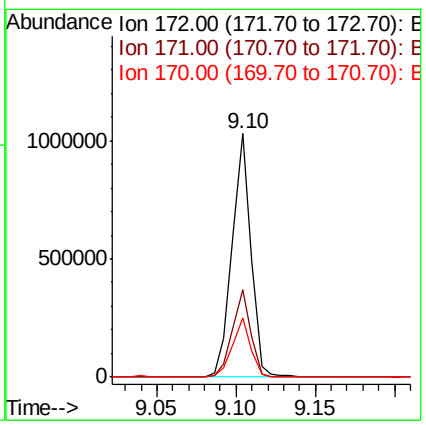


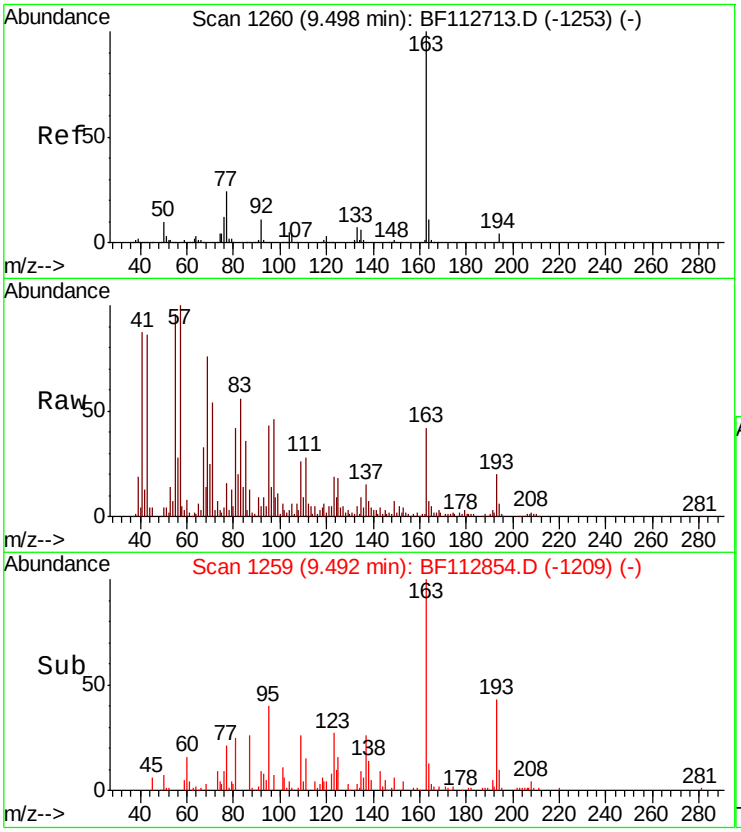


#45
2-Fluorobiphenyl
Concen: 68.278 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Tgt Ion:172 Resp: 853027

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.3	20.0	30.0



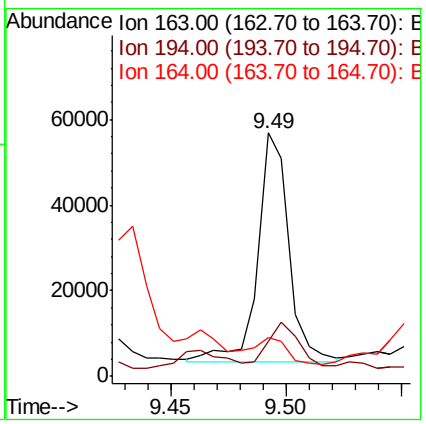


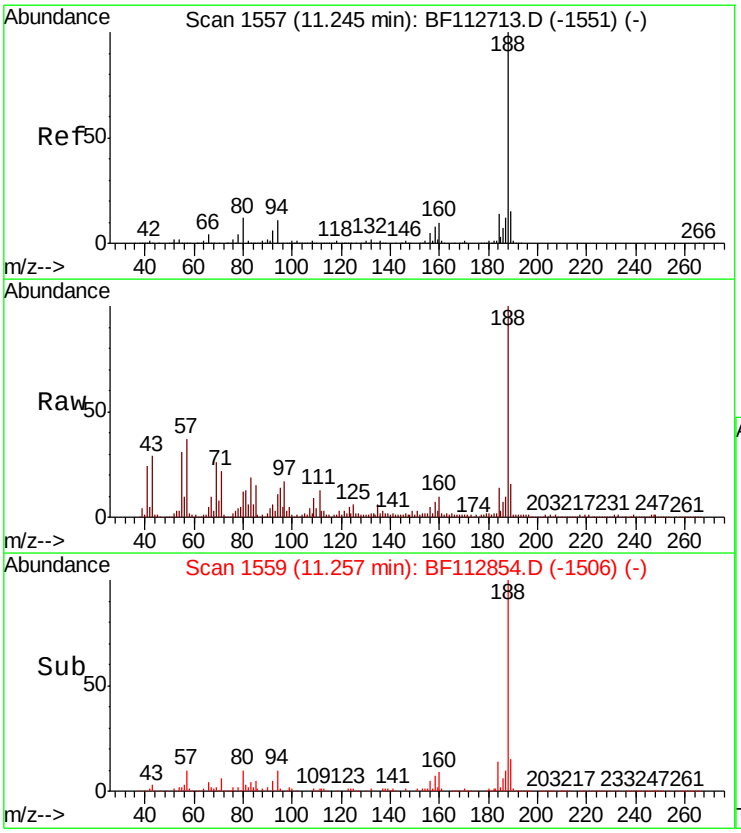
#50
Dimethylphthalate
Concen: 3.480 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:163 Resp: 50425

Ion	Ratio	Lower	Upper
163	100		
194	14.5	3.0	4.4#
164	16.2	8.4	12.6#

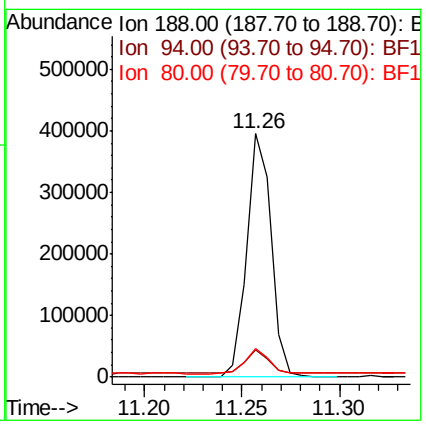


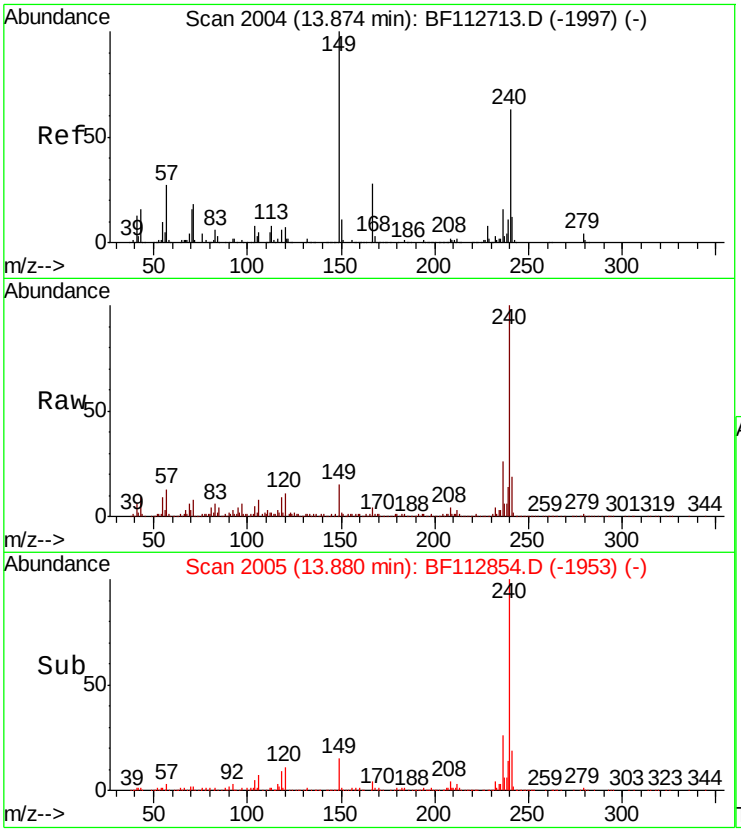


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Tgt Ion:188 Resp: 342580

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.0	13.4
80	11.5	9.2	13.8



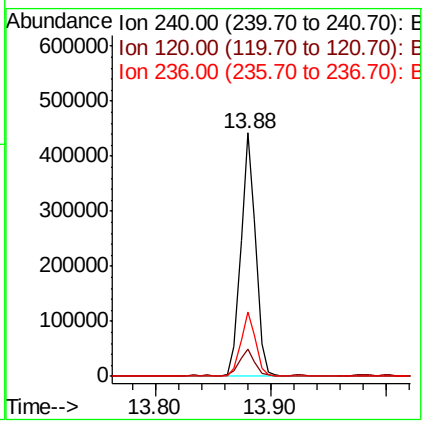


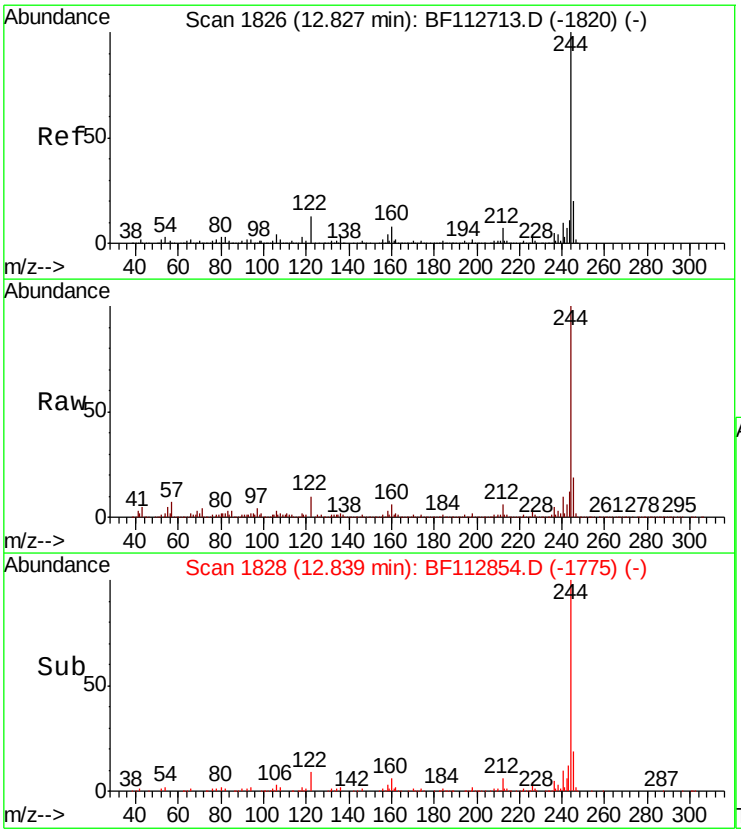
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:240 Resp: 392169

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

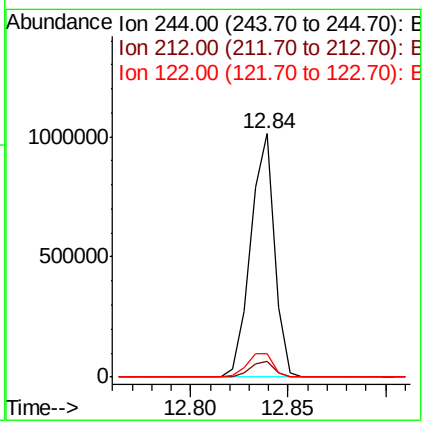


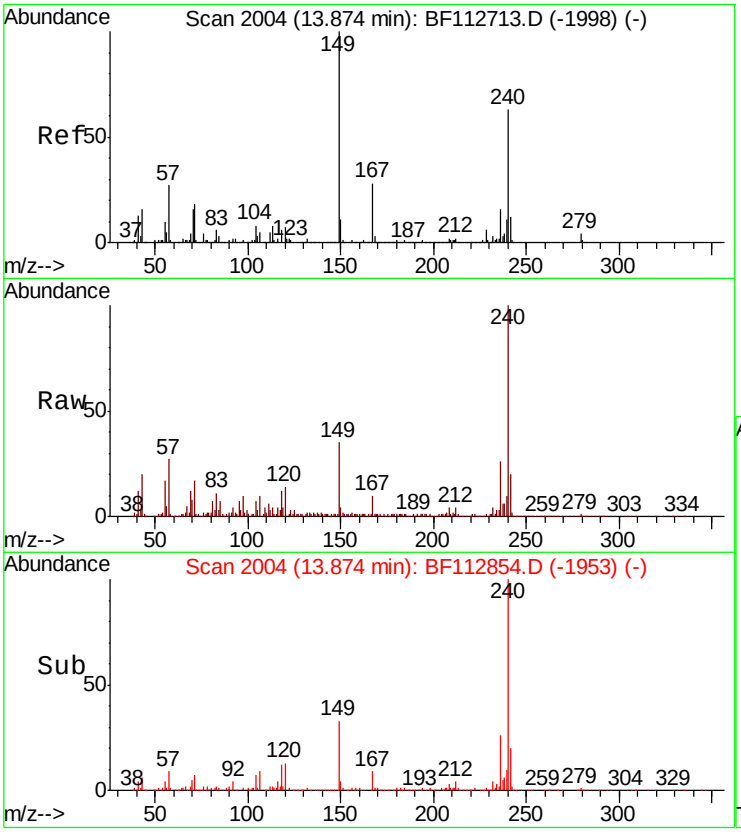


#79
Terphenyl-d14
Concen: 42.355 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Tgt Ion:244 Resp: 856875

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	9.6	10.5	15.7#



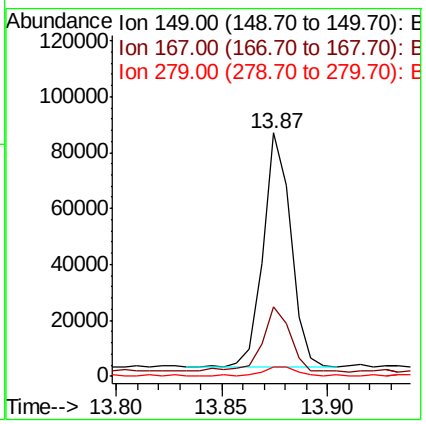


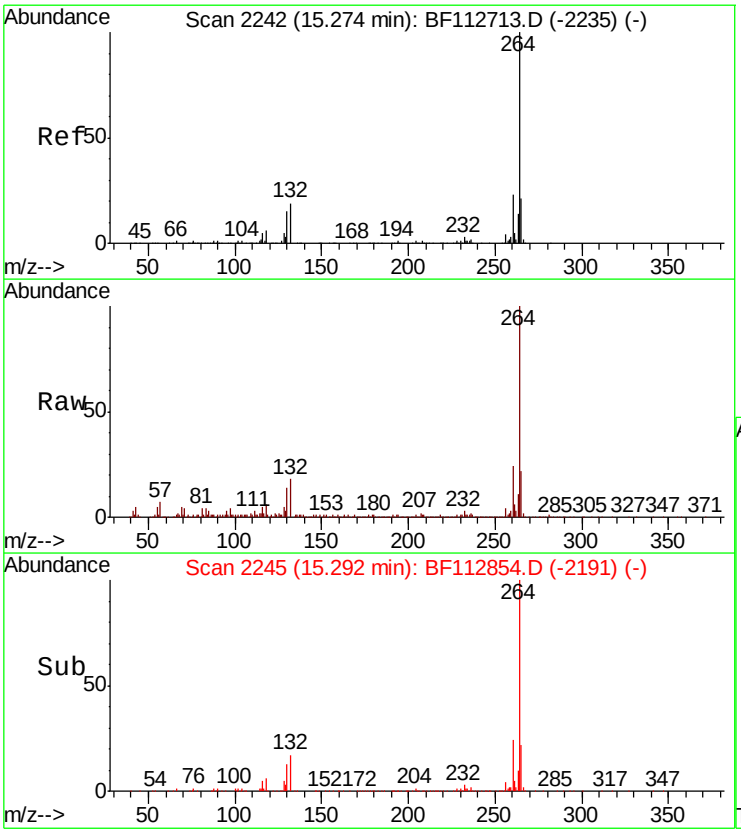
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.413 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:149 Resp: 75544

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.4	33.6
279	3.9	3.3	4.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF112854.D
Acq: 5 Mar 2019 14:37

Tgt Ion:264 Resp: 445319

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.9	17.2	25.8