Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112844.D
Acq On : 5 Mar 2019 3:36
Operator : JU/SJ
Sample : K1709-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COR-21816

Quant Time: Mar 05 04:28:24 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	152675	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	613119	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	276328	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	484198	20.00	ng	0.00
76) Chrysene-d12	13.91	240	223651	20.00	ng	0.04
87) Perylene-d12	15.33	264	252555	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	60801	6.19	ng	0.00
7) Phenol-d6	6.37	99	91666	7.43	ng	0.00
23) Nitrobenzene-d5	7.30	82	48794	4.76	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	24356	8.30	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	123686	4.59	ng	0.00
79) Terphenyl-d14	12.86	244	70762	6.13	ng	0.03
Target Compounds						Qvalue
50) Dimethylphthalate	9.45	163	82061	4.028	ng	# 94
51) 2,6-Dinitrotoluene	9.77	165	36362	8.570	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	36528	6.926	ng	# 18
74) Di-n-butylphthalate	11.82	149	112922	3.828	ng	# 89
85) Di-n-octyl phthalate	14.50	149	258437	15.418	ng	# 1

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

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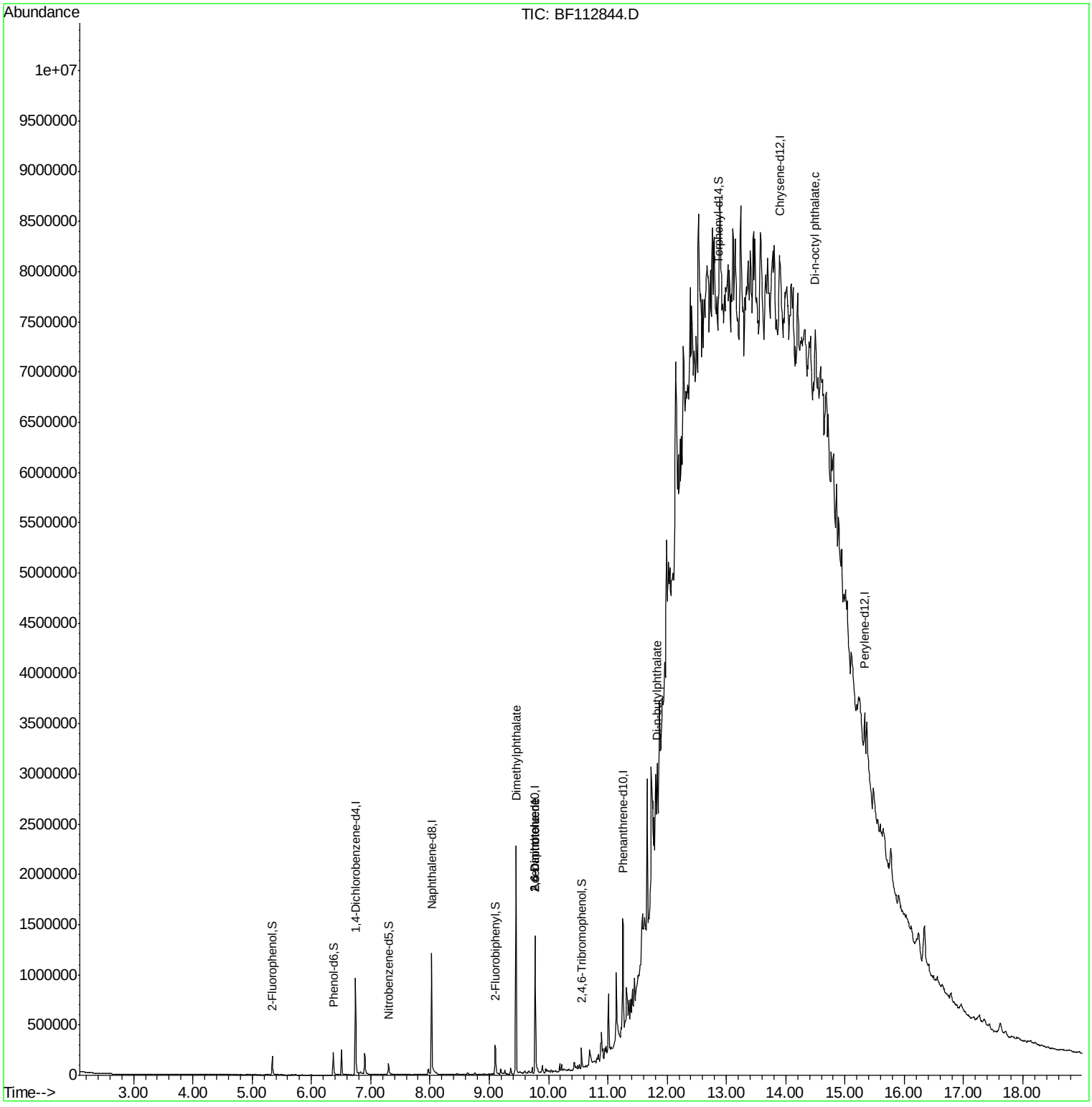
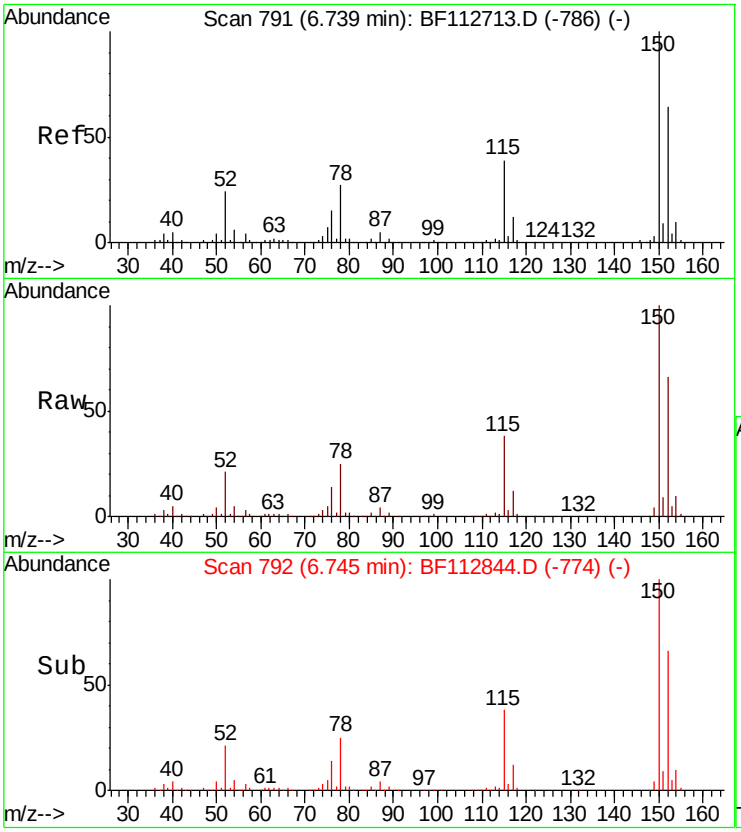
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



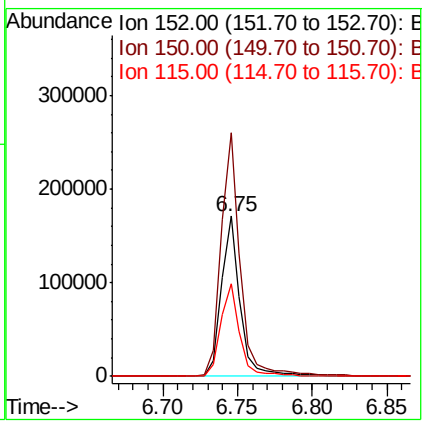


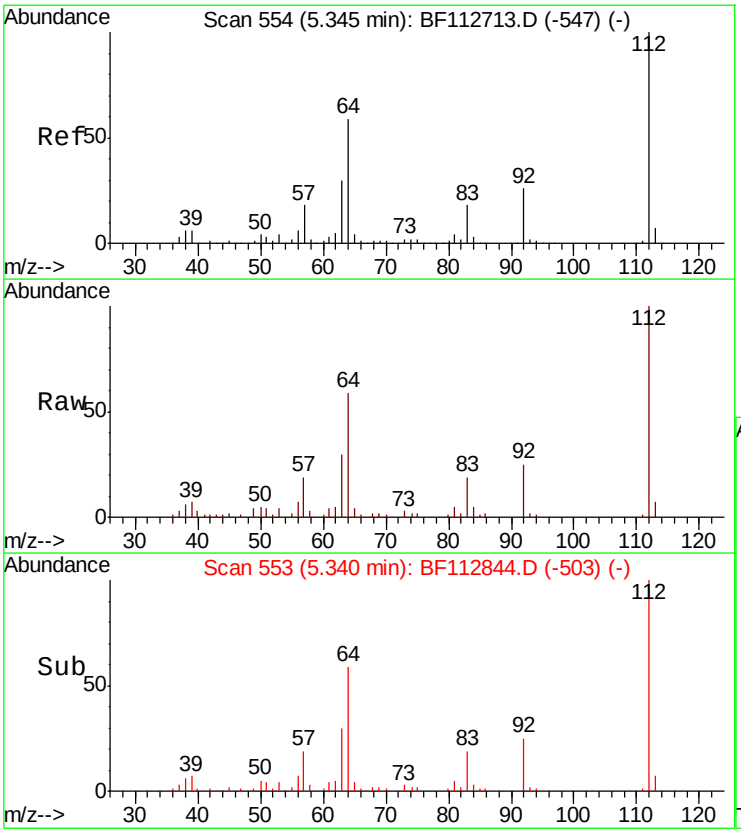
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Instrument :
BNA_F
ClientSampleId :
COR-21816

Tgt Ion:152 Resp: 152675

Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.2	186.2
115	57.8	48.2	72.4

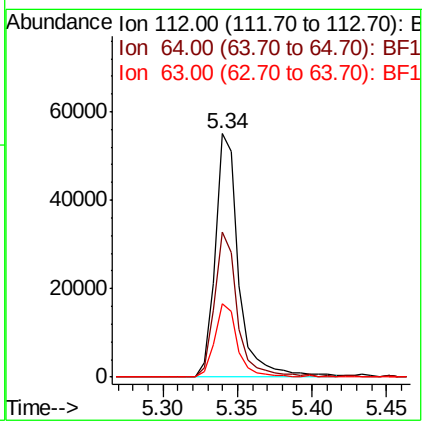


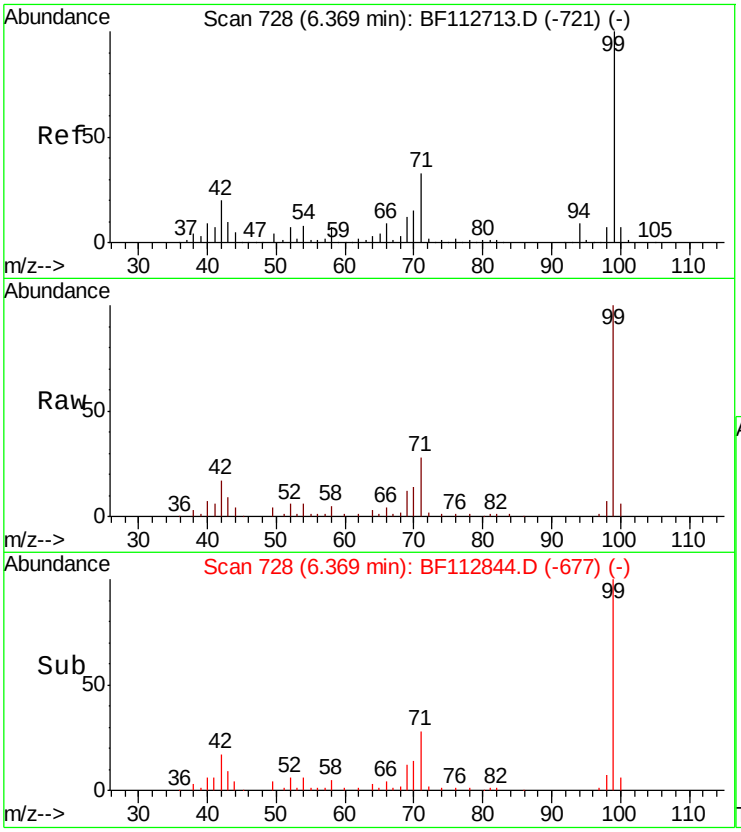


#5
2-Fluorophenol
Concen: 6.195 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Tgt Ion:112 Resp: 60801

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	30.3	24.4	36.6



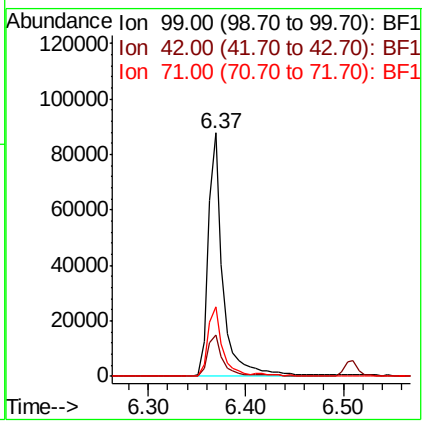


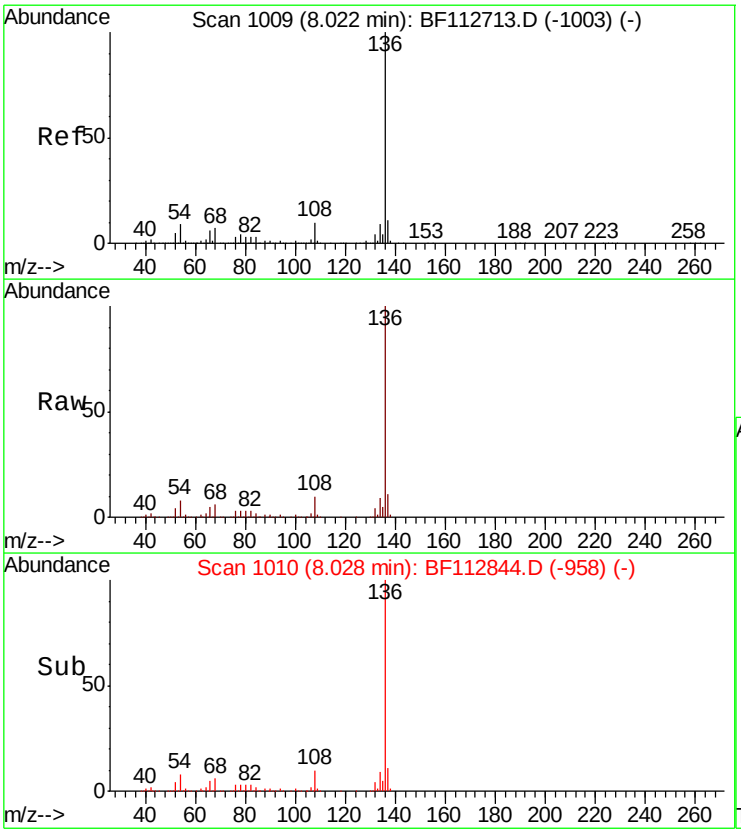
#7
Phenol-d6
Concen: 7.435 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Instrument :
BNA_F
ClientSampleId :
COR-21816

Tgt Ion: 99 Resp: 91666

Ion	Ratio	Lower	Upper
99	100		
42	17.0	16.3	24.5
71	28.5	26.2	39.4

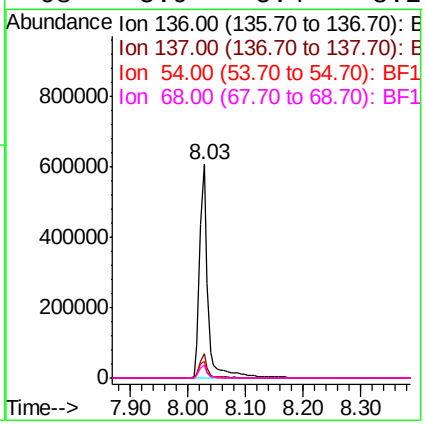


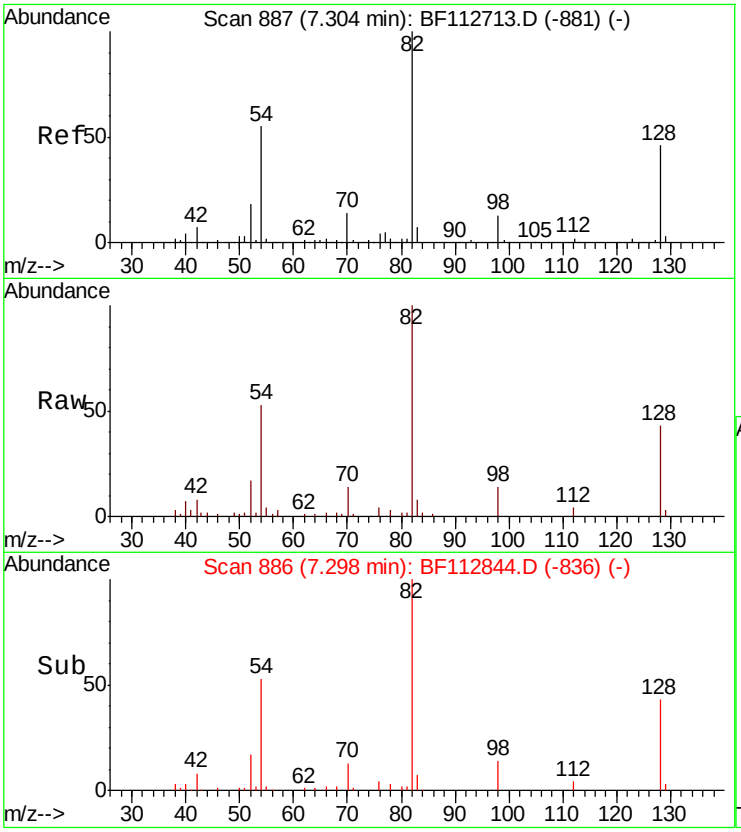


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Tgt Ion:136 Resp: 613119

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	7.3	10.9
68	5.9	5.4	8.2



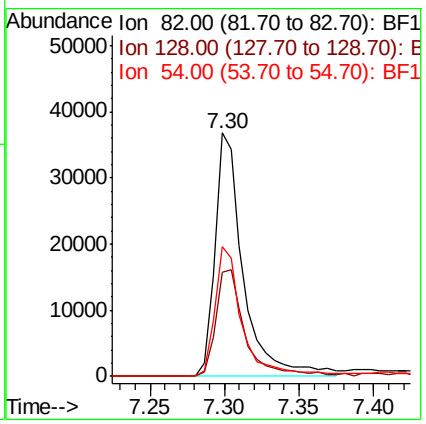


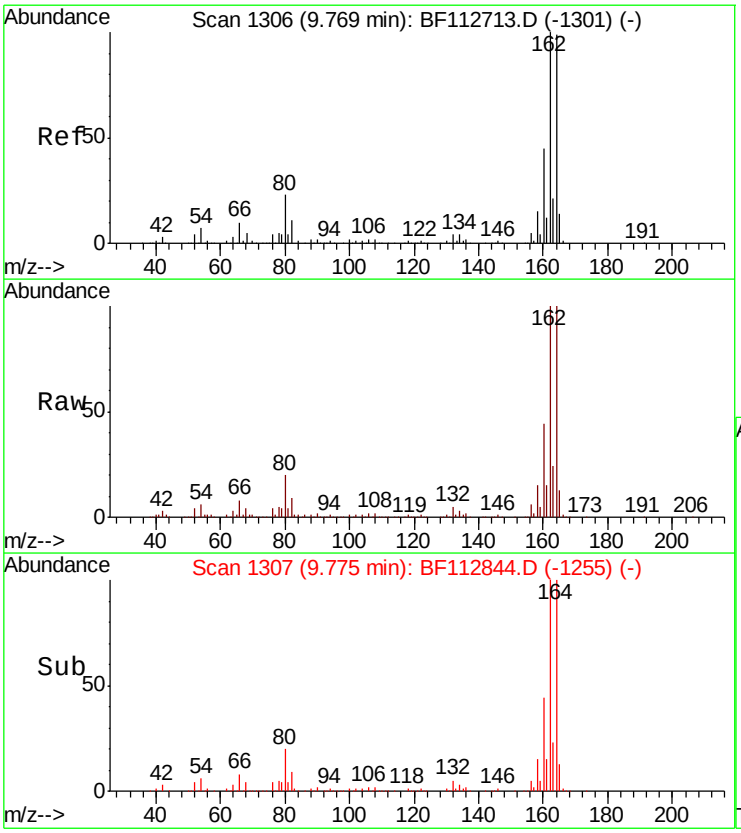
#23
Nitrobenzene-d5
Concen: 4.762 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Instrument :
BNA_F
ClientSampleId :
COR-21816

Tgt Ion: 82 Resp: 48794

Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.3	54.5
54	53.2	43.7	65.5

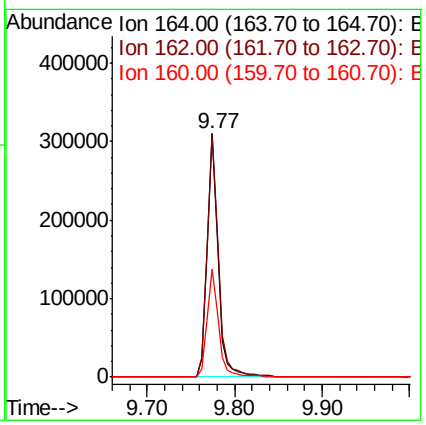


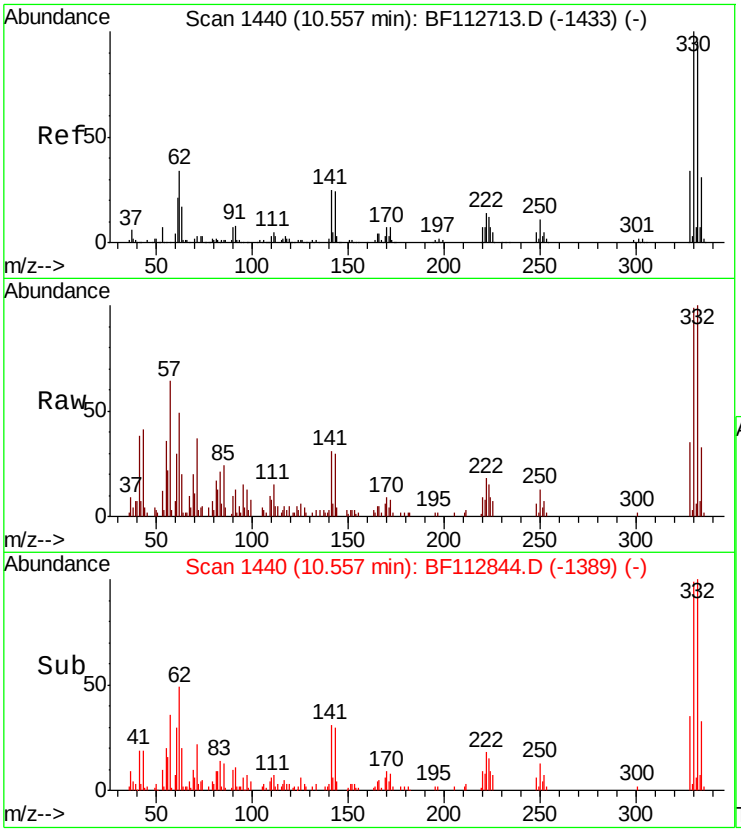


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Tgt Ion:164 Resp: 276328

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	44.5	36.0	54.0



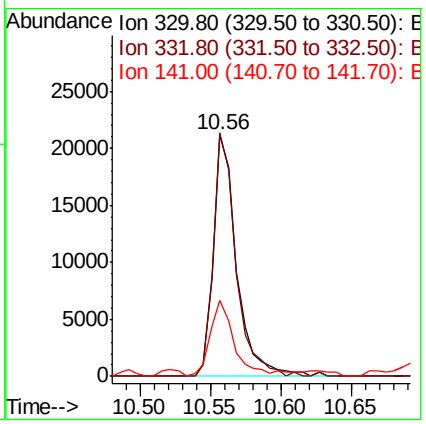


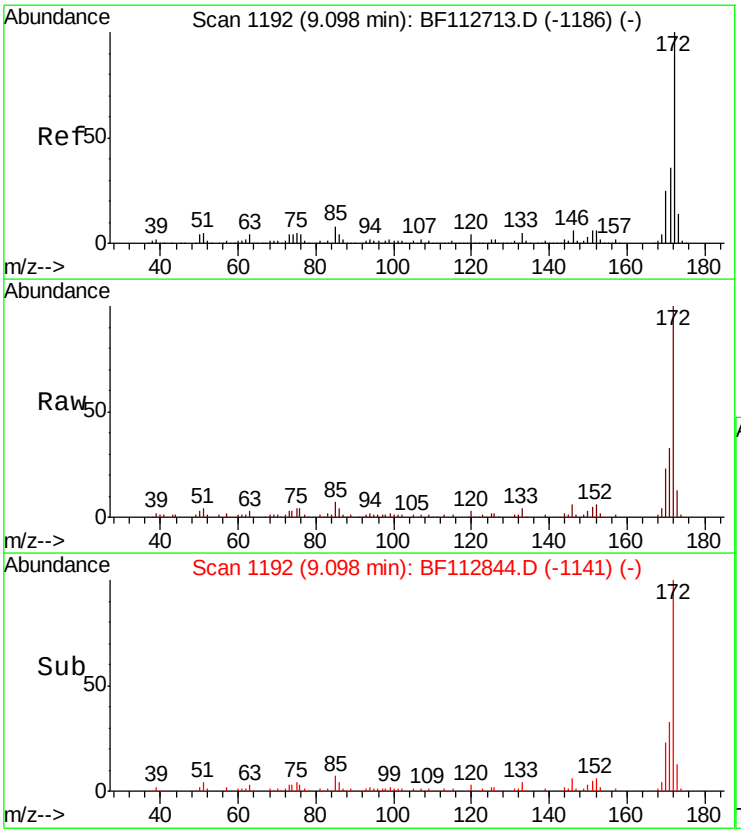
#42
2,4,6-Tribromophenol
Concen: 8.303 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Instrument :
BNA_F
ClientSampleId :
COR-21816

Tgt Ion:330 Resp: 24356

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.2	114.4
141	33.0	27.0	40.6

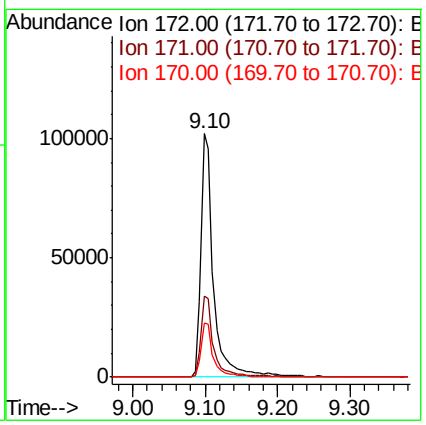


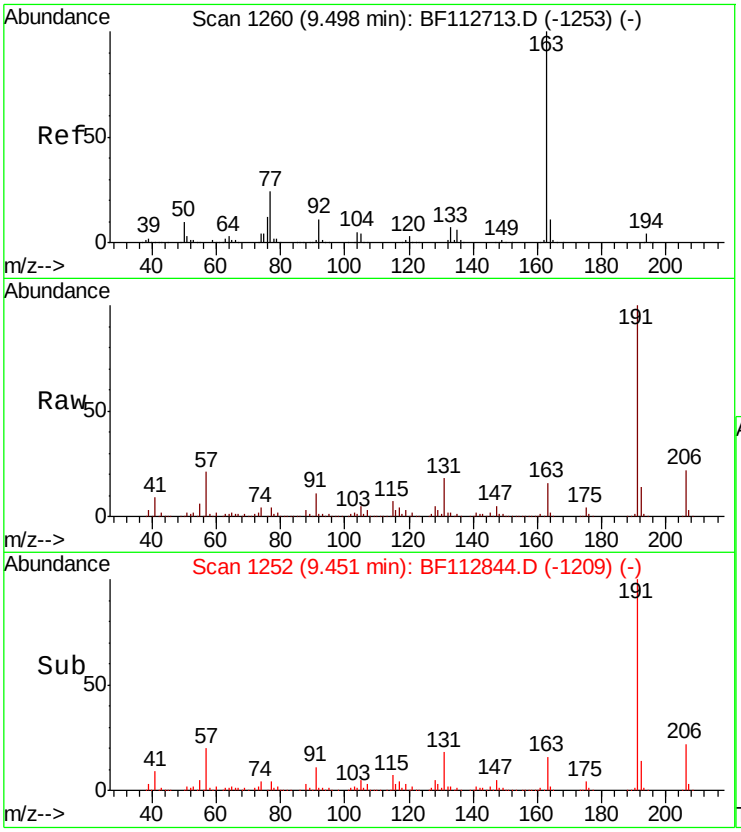


#45
2-Fluorobiphenyl
Concen: 4.590 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Tgt Ion:172 Resp: 123686

Ion	Ratio	Lower	Upper
172	100		
171	33.0	29.0	43.4
170	22.5	20.0	30.0



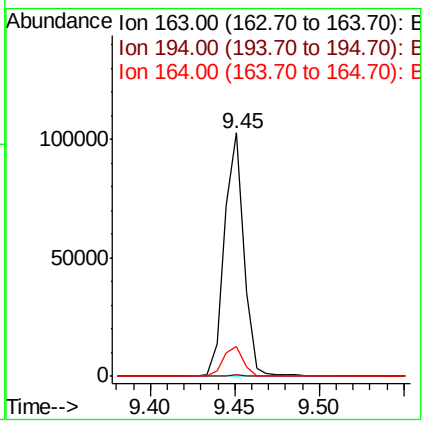


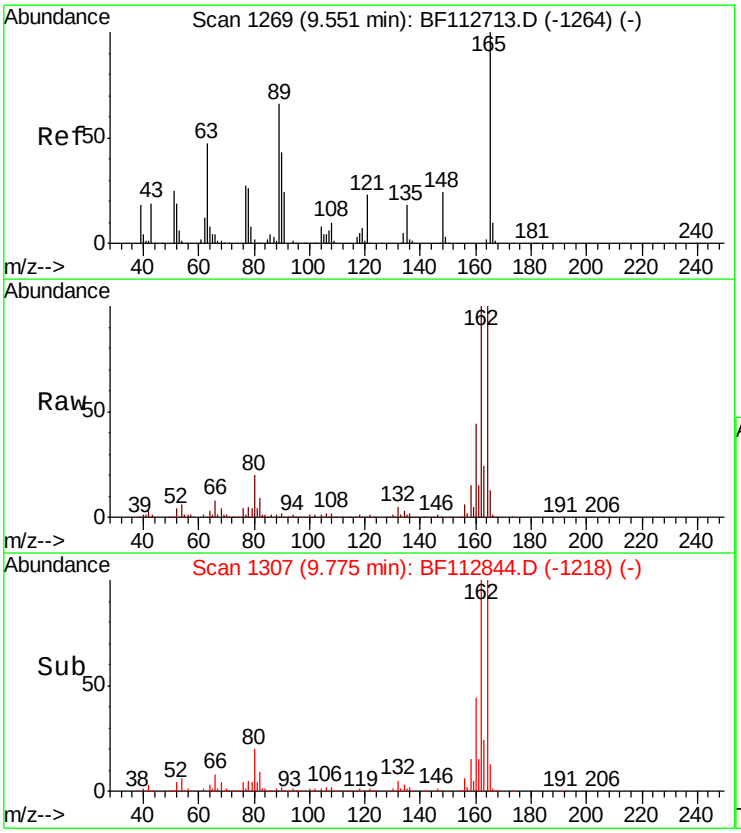
#50
Dimethylphthalate
Concen: 4.028 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.05 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Instrument :
BNA_F
ClientSampleId :
COR-21816

Tgt Ion:163 Resp: 82061

Ion	Ratio	Lower	Upper
163	100		
194	0.5	3.0	4.4#
164	12.3	8.4	12.6

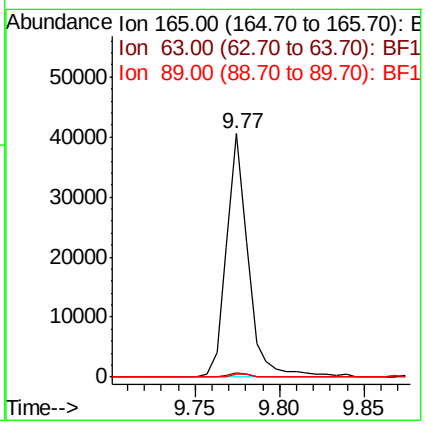


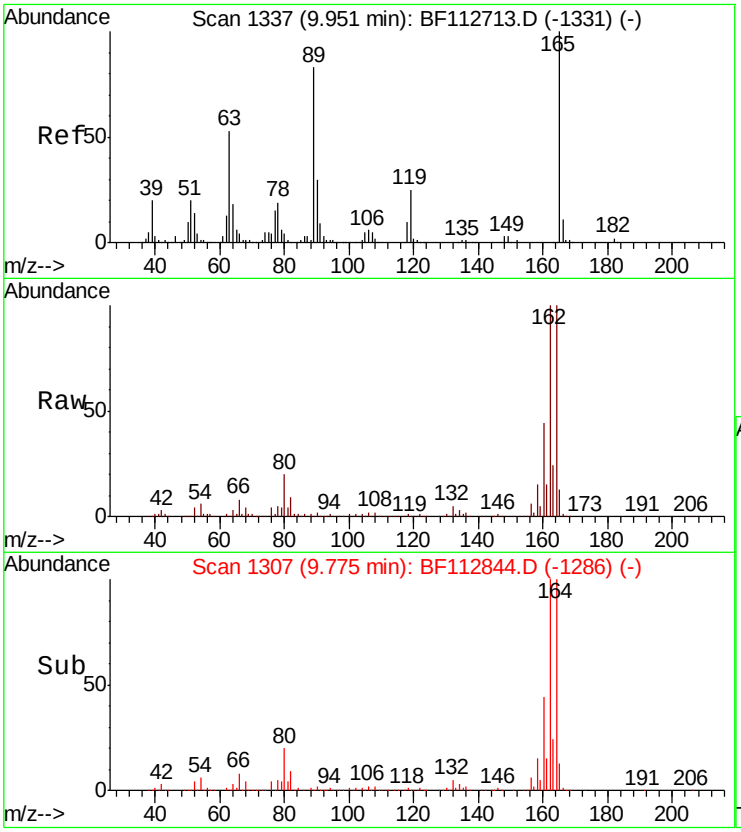


#51
2,6-Dinitrotoluene
Concen: 8.570 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.22 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Tgt Ion:165 Resp: 36362

Ion	Ratio	Lower	Upper
165	100		
63	1.6	54.1	81.1#
89	1.4	52.8	79.2#



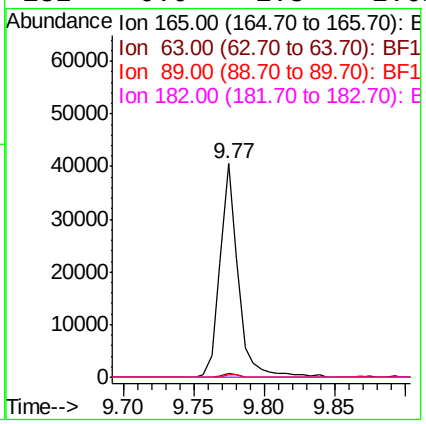


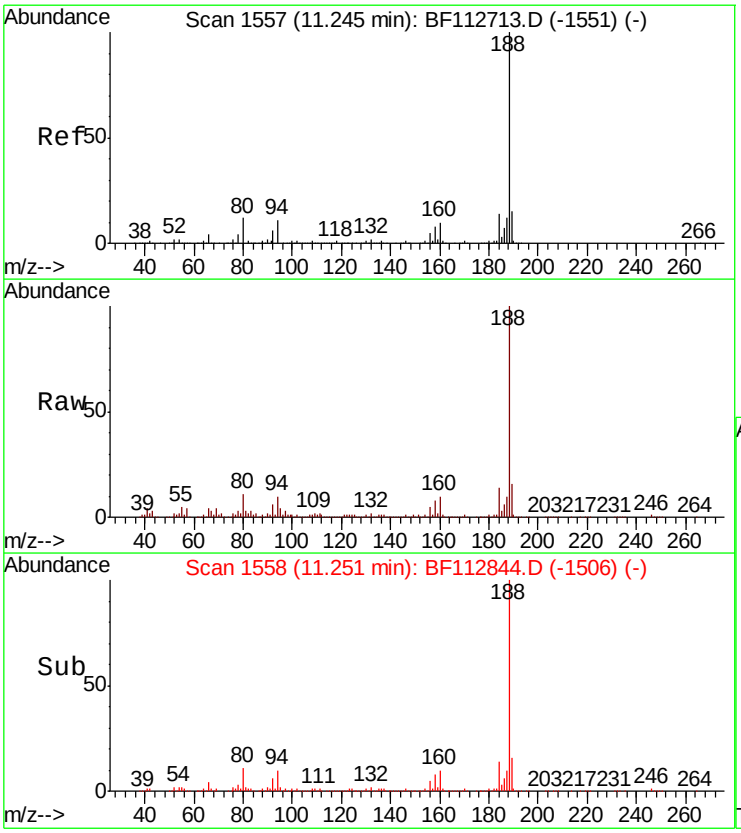
#57
2,4-Dinitrotoluene
Concen: 6.926 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Instrument :
BNA_F
ClientSampleId :
COR-21816

Tgt Ion:165 Resp: 36528

Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#

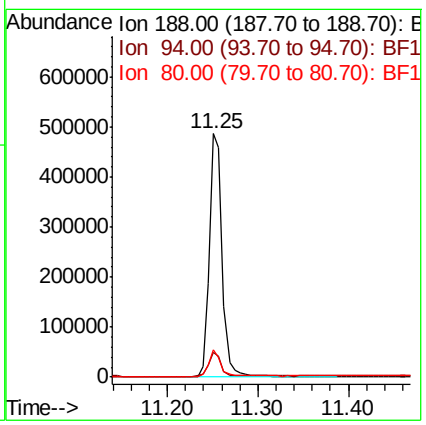


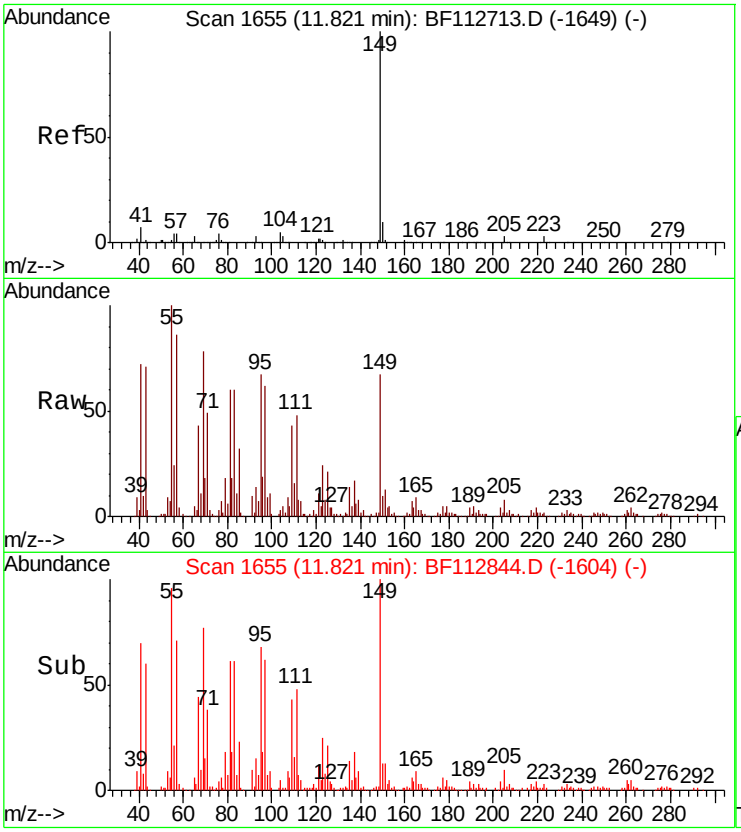


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Tgt Ion:188 Resp: 484198

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.0	13.4
80	11.1	9.2	13.8



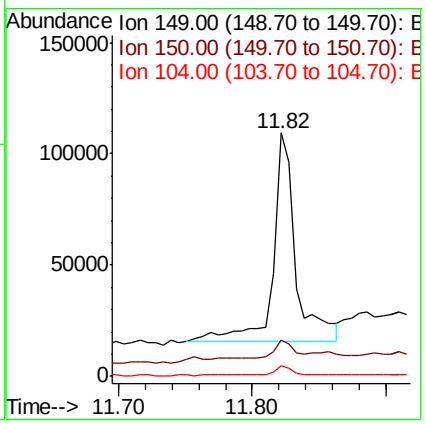


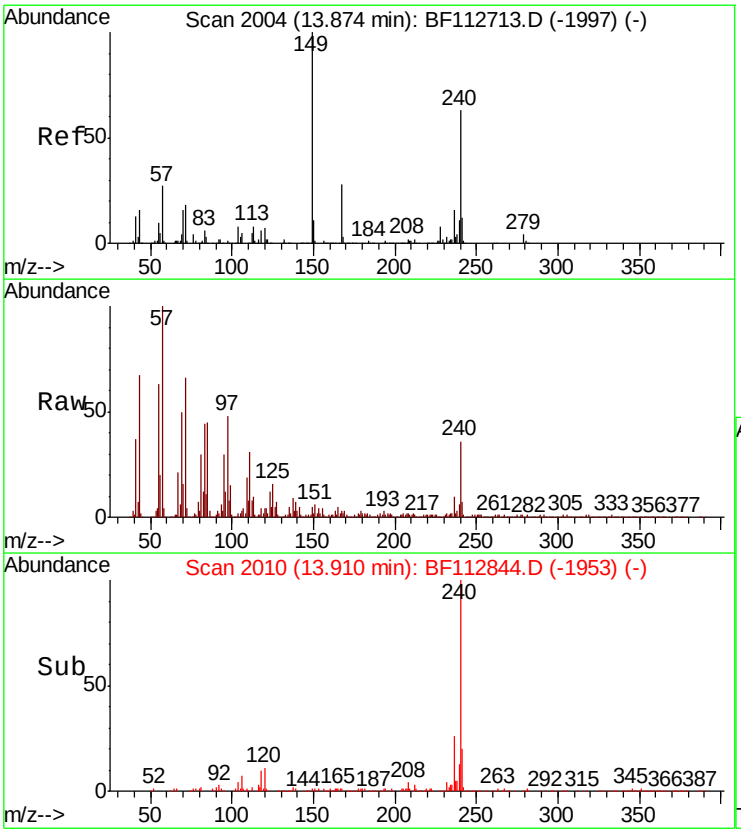
#74
Di-n-butylphthalate
Concen: 3.828 ng
RT: 11.82 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Instrument :
BNA_F
ClientSampleId :
COR-21816

Tgt Ion:149 Resp: 112922

Ion	Ratio	Lower	Upper
149	100		
150	15.1	7.6	11.4#
104	4.2	3.7	5.5

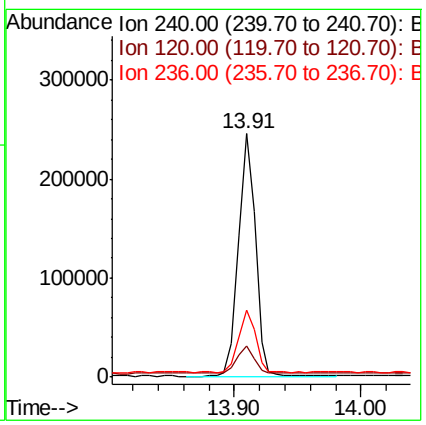


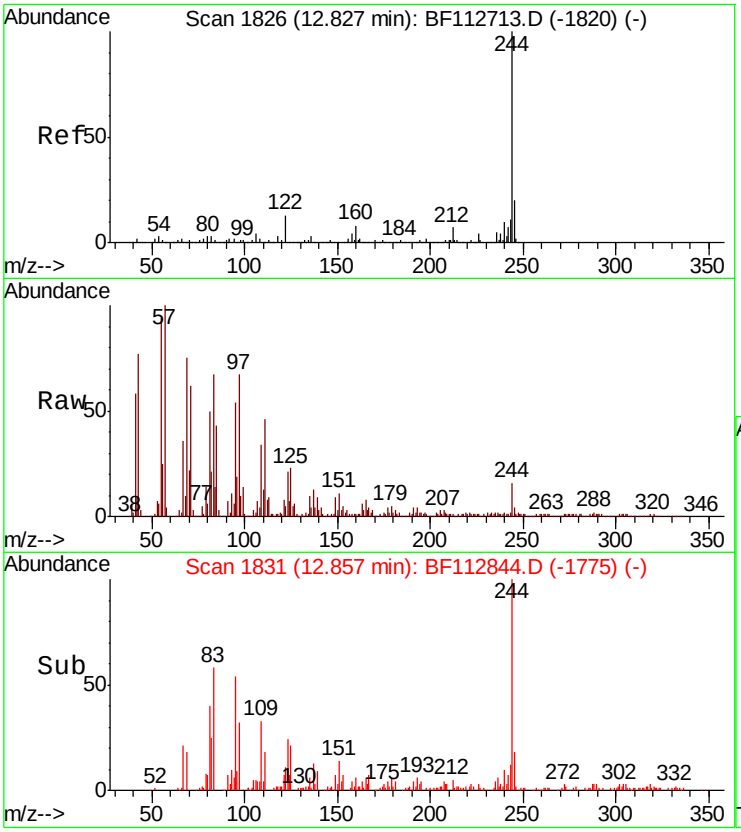


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.04 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Tgt Ion:240 Resp: 223651

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.9	13.3
236	27.6	20.7	31.1



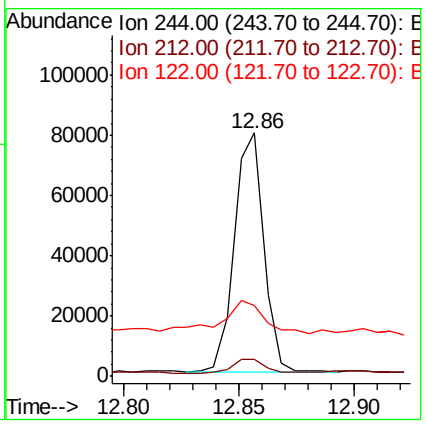


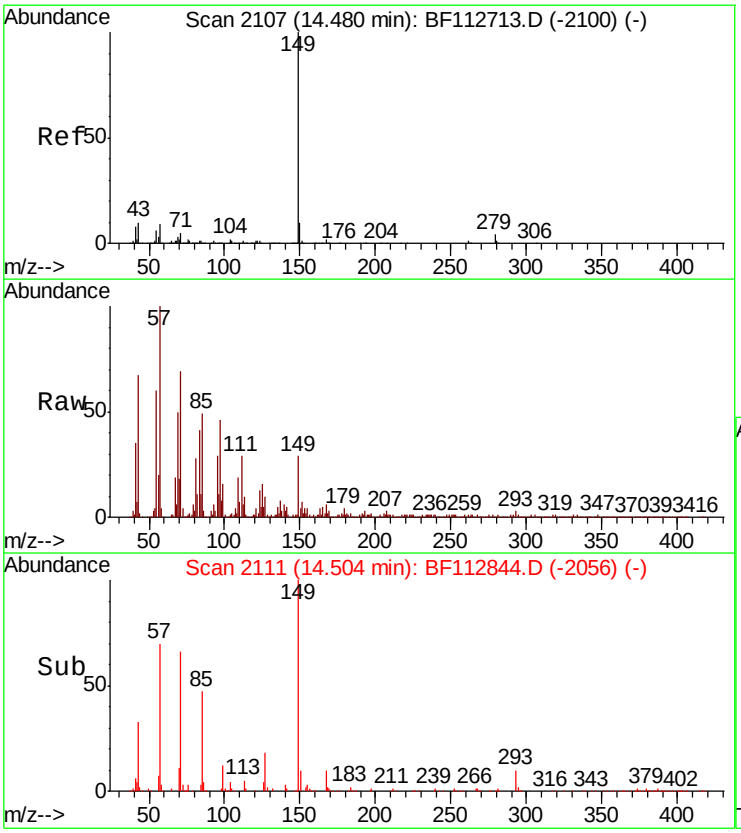
#79
Terphenyl-d14
Concen: 6.133 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.03 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Instrument :
BNA_F
ClientSampleId :
COR-21816

Tgt Ion:244 Resp: 70762

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	29.1	10.5	15.7#

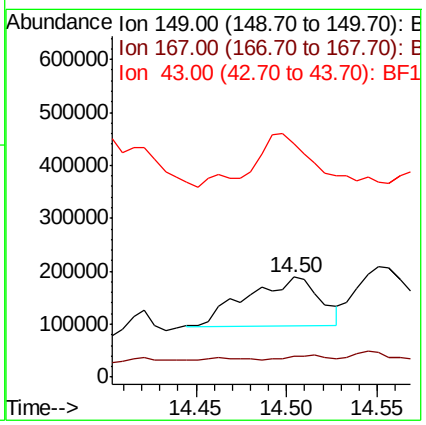


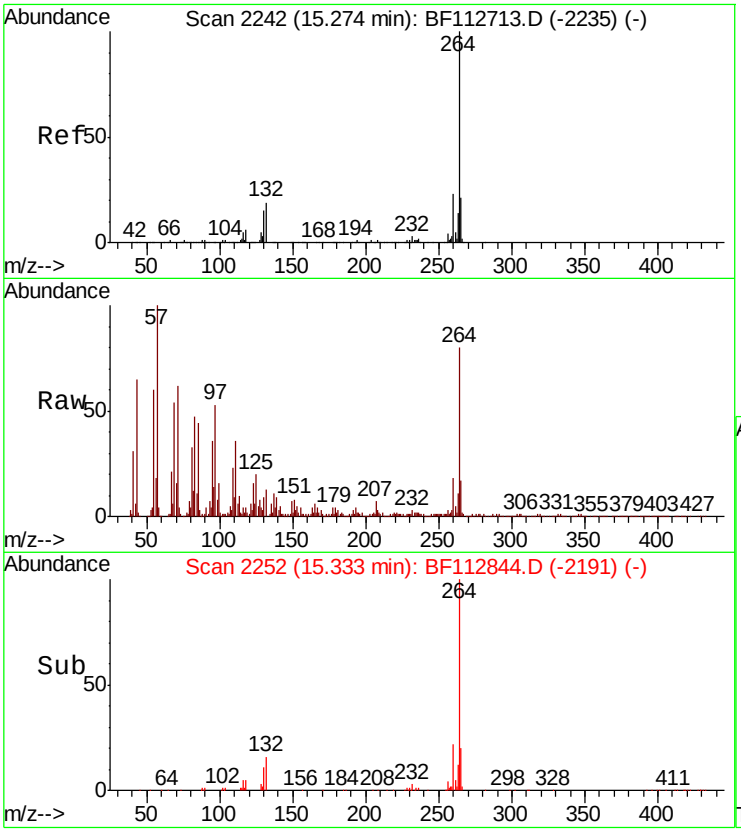


#85
Di-n-octyl phthalate
Concen: 15.418 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.02 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Tgt Ion:149 Resp: 258437

Ion	Ratio	Lower	Upper
149	100		
167	10.3	1.2	1.8#
43	100.2	9.0	13.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.06 min
Lab File: BF112844.D
Acq: 5 Mar 2019 3:36

Instrument :
BNA_F
ClientSampleId :
COR-21816

Tgt Ion:264 Resp: 252555

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.0	17.2	25.8