Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112849.D
Acq On : 5 Mar 2019 12:16
Operator : JU/SJ
Sample : K1710-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETC-21642

Quant Time: Mar 06 01:42:39 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	137367	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	483787	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	220364	20.00	ng	0.02
64) Phenanthrene-d10	11.29	188	374854	20.00	ng	0.04
76) Chrysene-d12	13.99	240	81149	20.00	ng	0.12
87) Perylene-d12	15.39	264	179186	20.00	ng	0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	348281	39.44	ng	0.00
7) Phenol-d6	6.37	99	479308	43.21	ng	0.00
23) Nitrobenzene-d5	7.30	82	275639	34.09	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	119511	51.09	ng	0.03
45) 2-Fluorobiphenyl	9.10	172	494162	31.17	ng	0.00
79) Terphenyl-d14	12.93	244	124495	29.74	ng	0.11
Target Compounds						Qvalue
25) Isophorone	7.30	82	267974	15.385	ng	# 66
50) Dimethylphthalate	9.45	163	331624	20.409	ng	# 93
57) 2,4-Dinitrotoluene	9.78	165	35268	8.385	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.60	198	600	4.965	ng	# 1
66) n-Nitrosodiphenylamine	10.45	169	25329	2.107	ng	89
71) Phenanthrene	11.30	178	45758	2.453	ng	# 42
72) Anthracene	11.30	178	45758	2.344	ng	# 40
74) Di-n-butylphthalate	11.86	149	338748	14.834	ng	# 72
80) Butylbenzylphthalate	13.38	149	32275	10.688	ng	85
82) 3,3'-Dichlorobenzidine	13.99	252	8509	4.000	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.02	149	10264	2.898	ng	# 32
85) Di-n-octyl phthalate	14.61	149	188147	30.935	ng	# 71

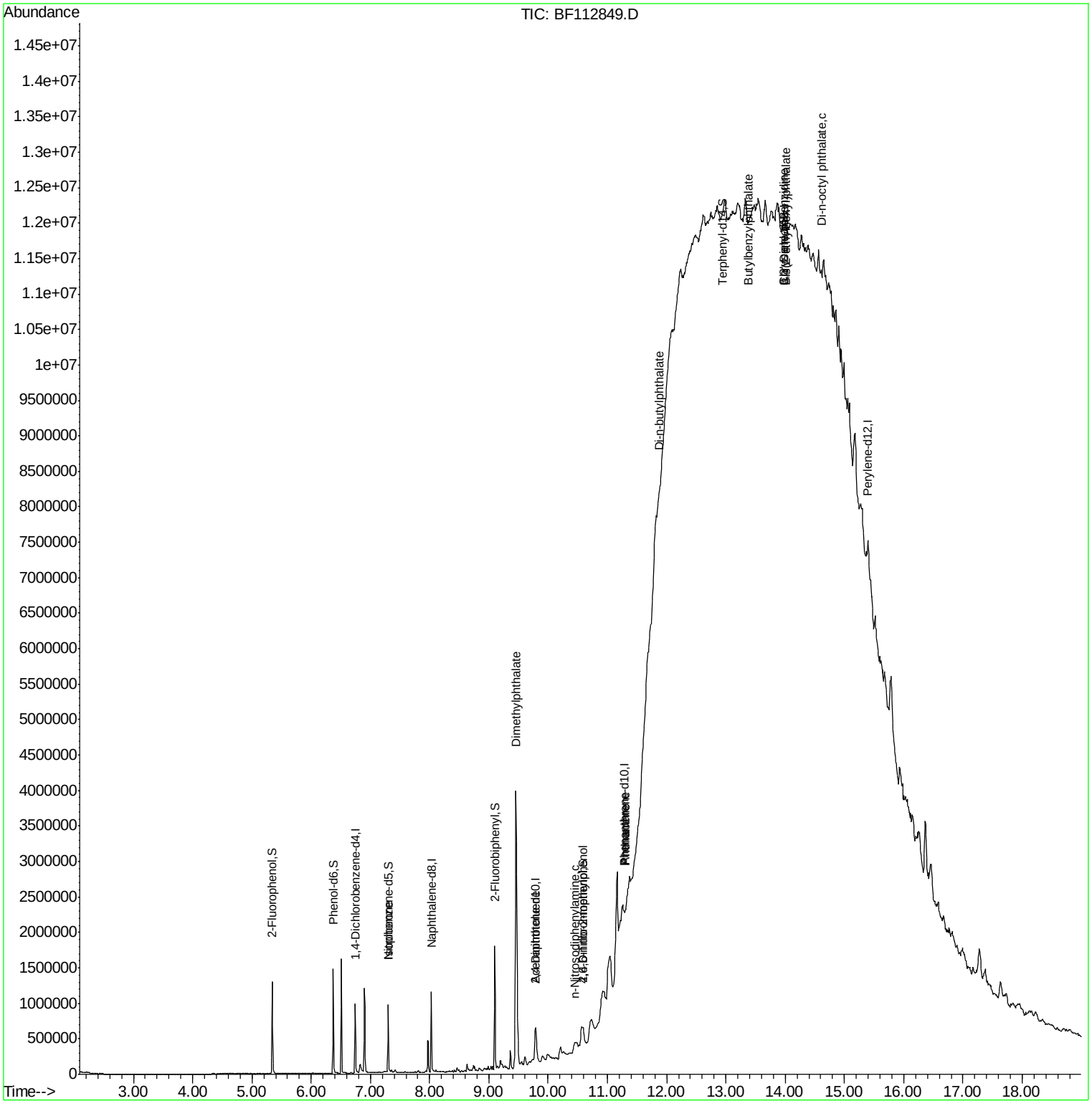
(#) = qualifier out of range (m) = manual integration (+) = signals summed

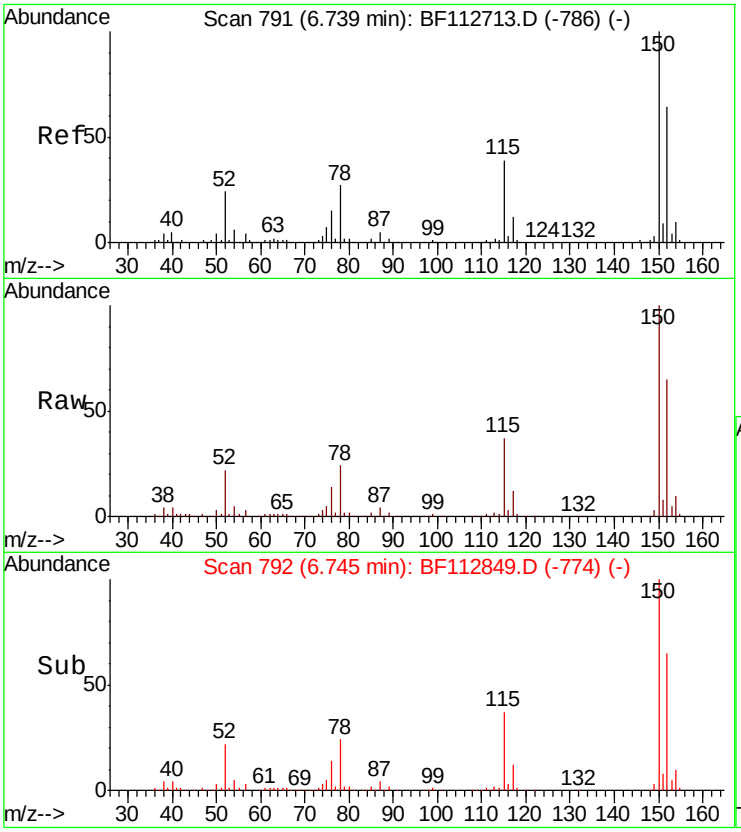
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112849.D
Acq On : 5 Mar 2019 12:16
Operator : JU/SJ
Sample : K1710-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETC-21642

Quant Time: Mar 06 01:42:39 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



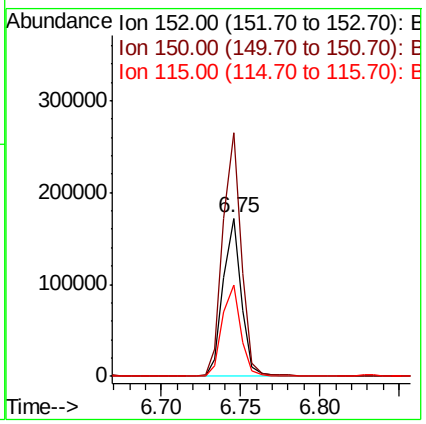


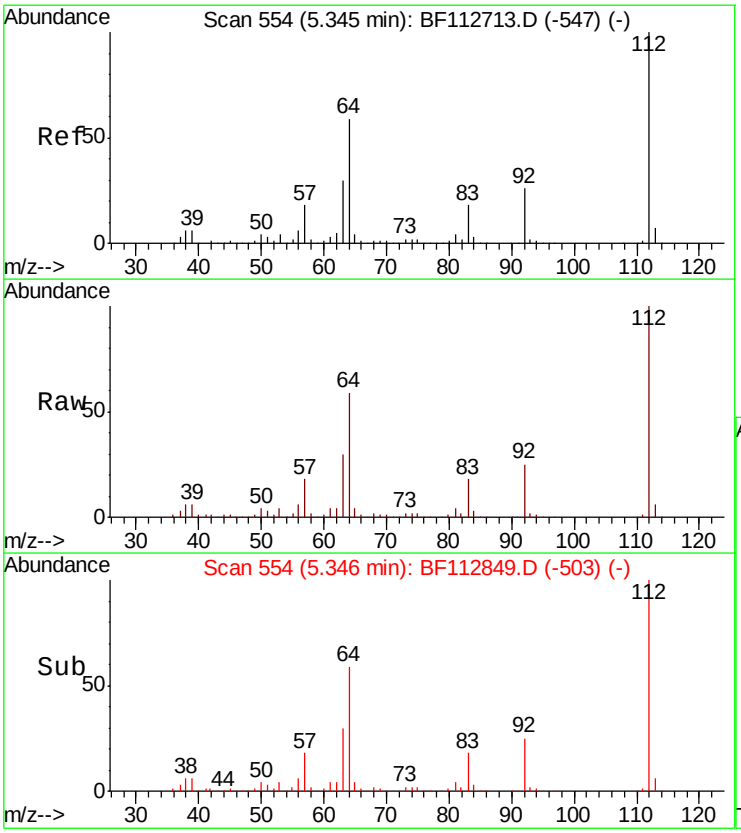
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Instrument :
BNA_F
ClientSampleId :
ETC-21642

Tgt Ion:152 Resp: 137367

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.2	186.2
115	57.6	48.2	72.4

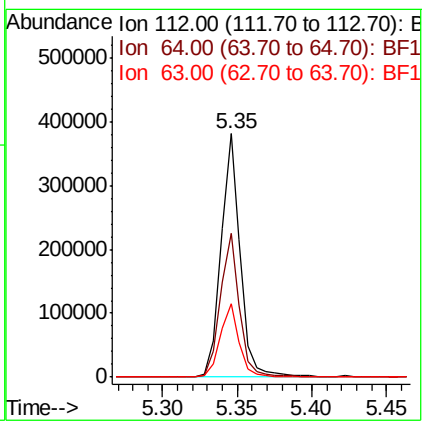


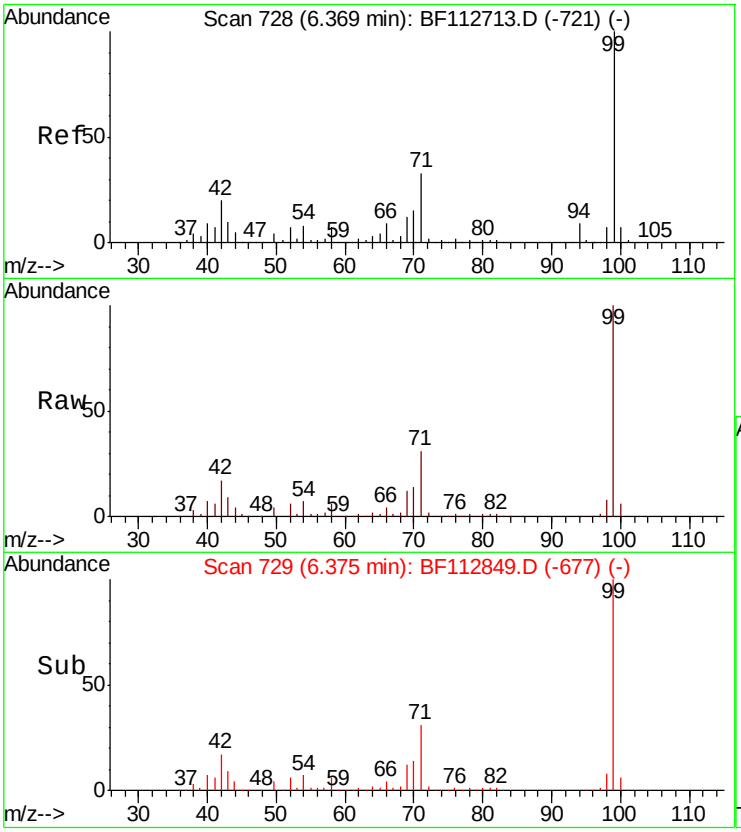


#5
2-Fluorophenol
Concen: 39.439 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Tgt Ion:112 Resp: 348281

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.6	71.4
63	30.0	24.4	36.6



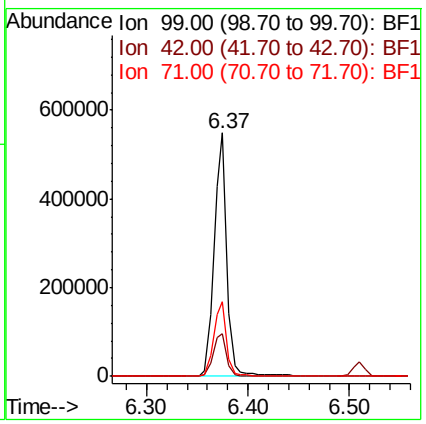


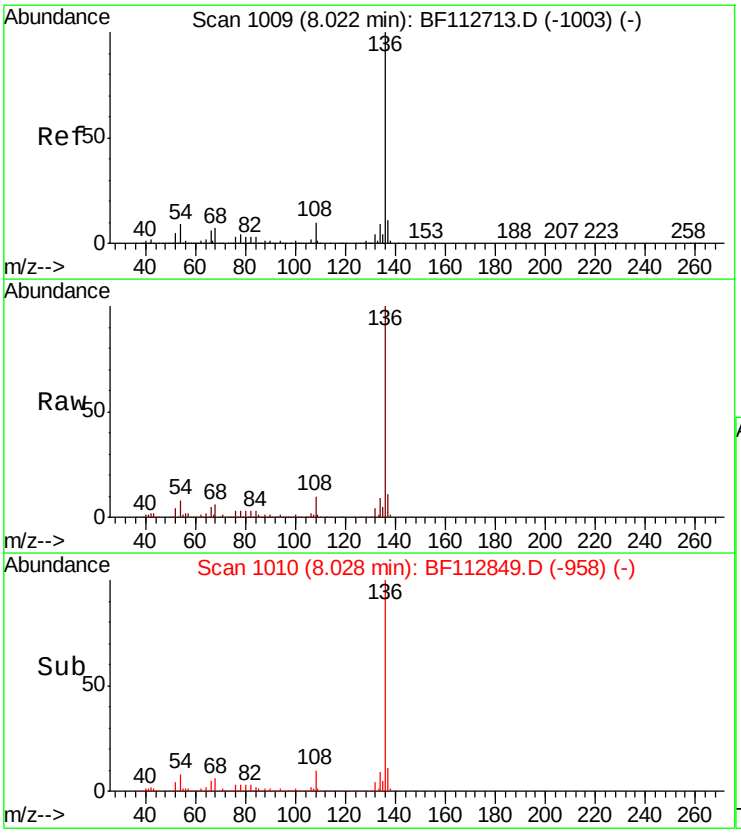
#7
Phenol-d6
Concen: 43.208 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Instrument :
BNA_F
ClientSampleId :
ETC-21642

Tgt Ion: 99 Resp: 479308

Ion	Ratio	Lower	Upper
99	100		
42	17.5	16.3	24.5
71	30.7	26.2	39.4

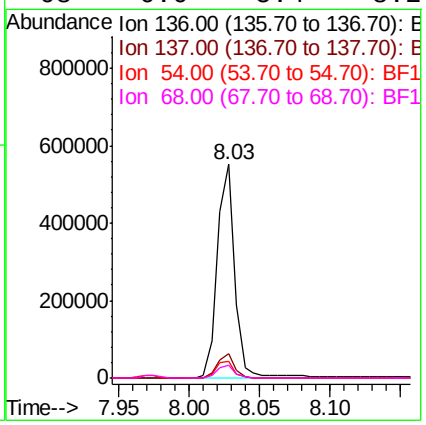


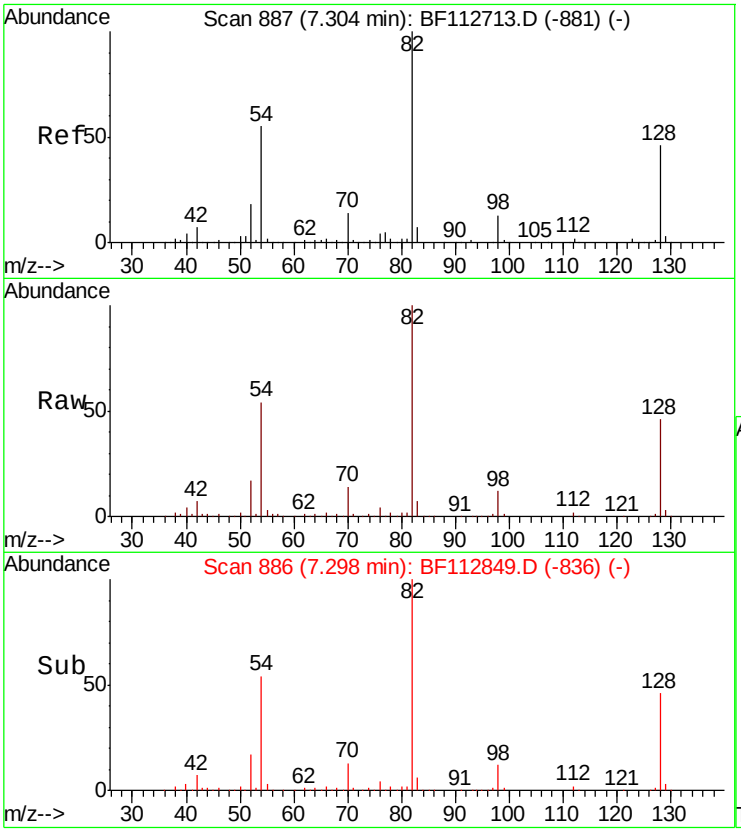


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Tgt Ion:136 Resp: 483787

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.7	7.3	10.9
68	6.0	5.4	8.2



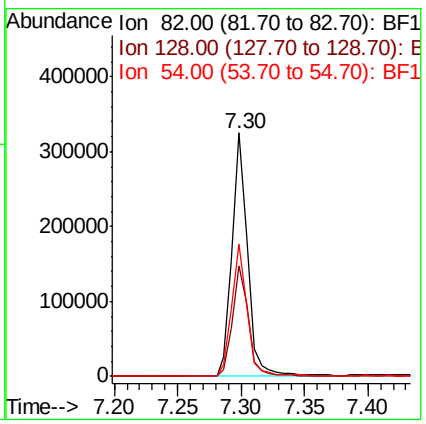


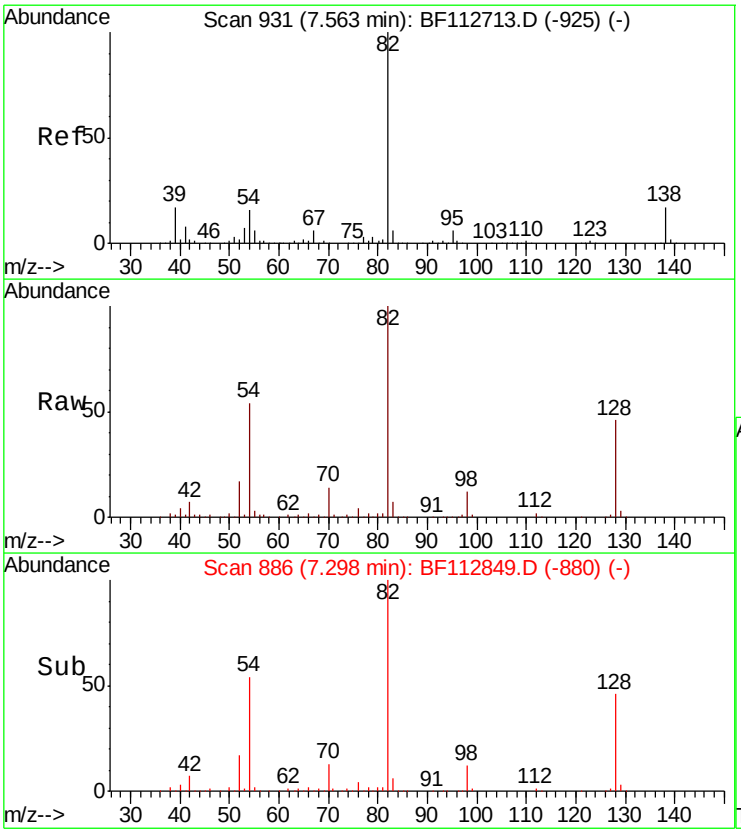
#23
Nitrobenzene-d5
Concen: 34.093 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Instrument :
BNA_F
ClientSampleId :
ETC-21642

Tgt Ion: 82 Resp: 275639

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	54.2	43.7	65.5

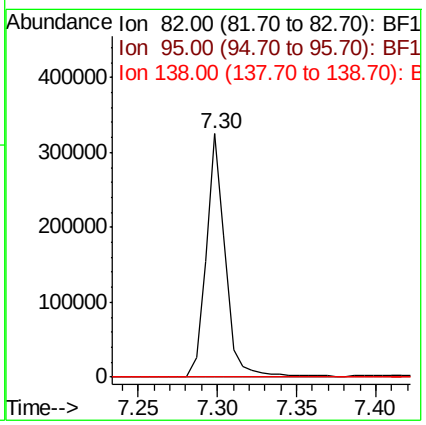


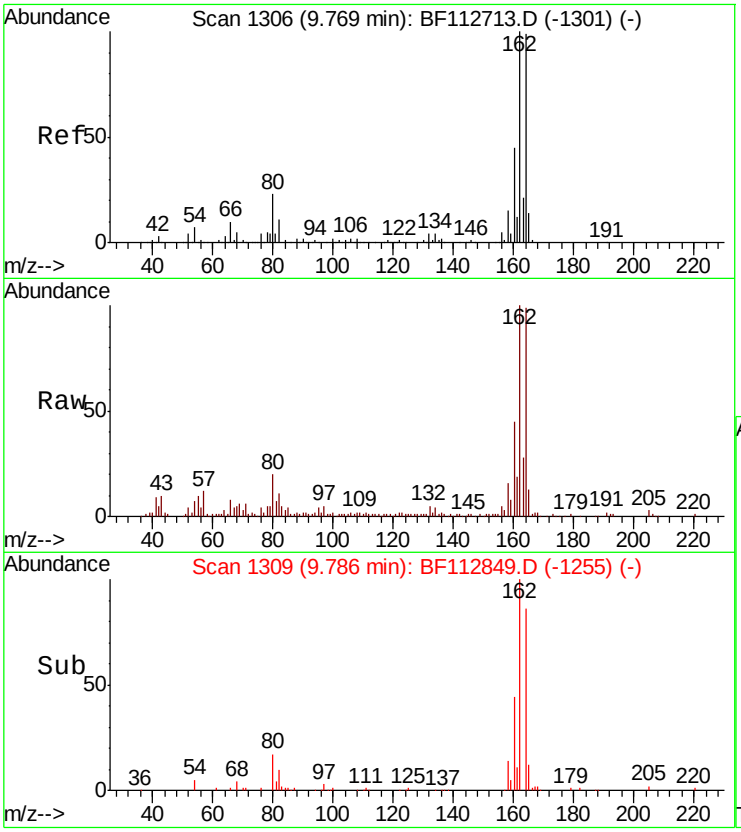


#25
Isophorone
Concen: 15.385 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Tgt Ion: 82 Resp: 267974

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



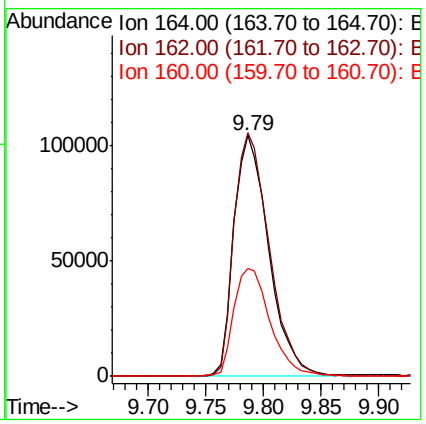


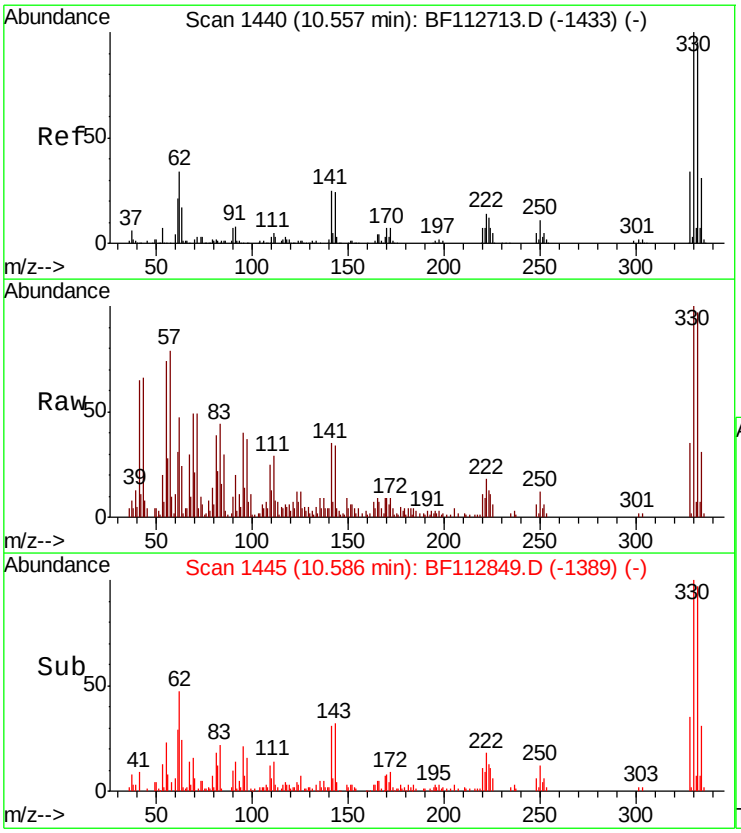
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.02 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Instrument :
BNA_F
ClientSampleId :
ETC-21642

Tgt Ion:164 Resp: 220364

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	45.1	36.0	54.0

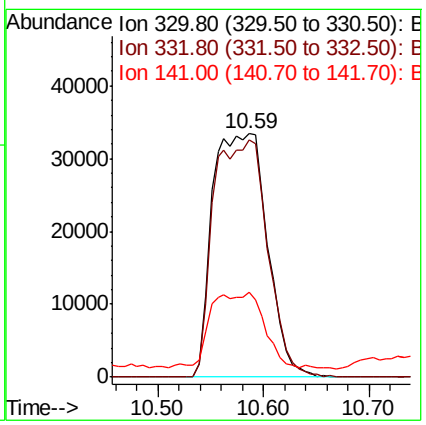


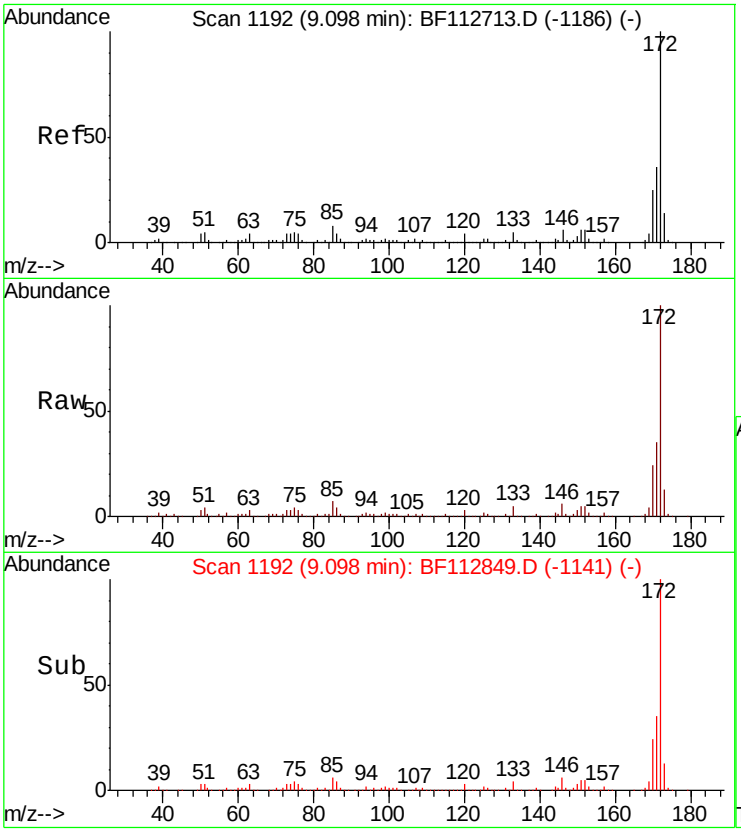


#42
2,4,6-Tribromophenol
Concen: 51.085 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.03 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Tgt Ion:330 Resp: 119511

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.2	114.4#
141	0.0	27.0	40.6#



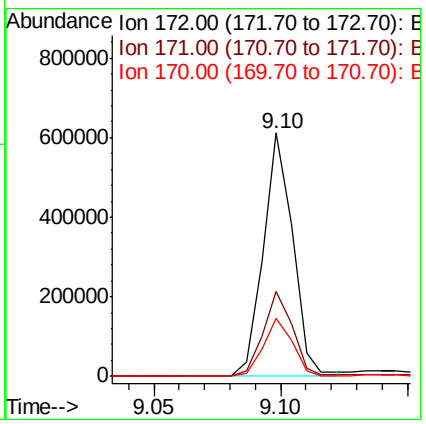


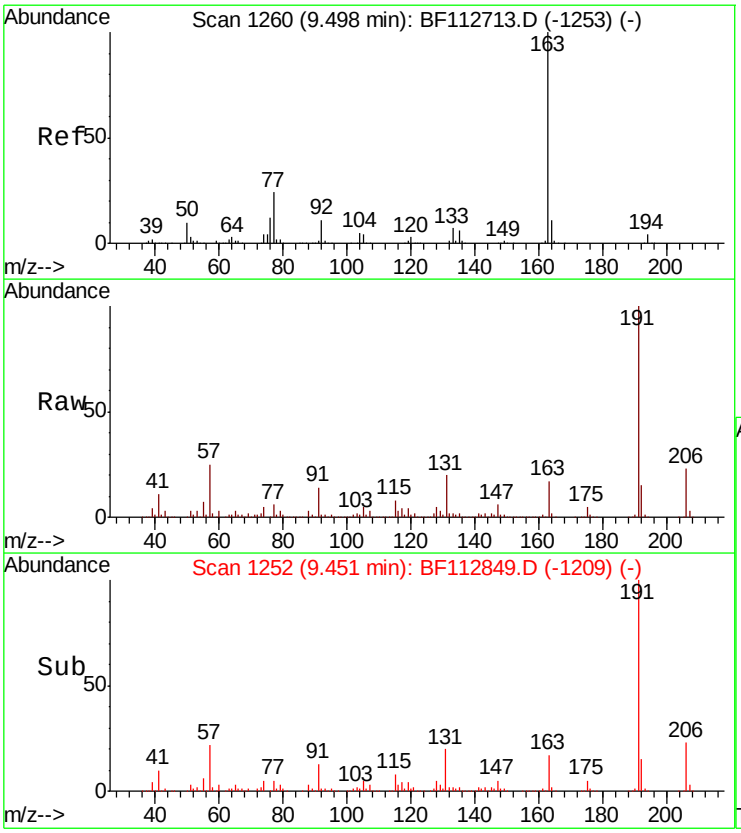
#45
2-Fluorobiphenyl
Concen: 31.168 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Instrument :
BNA_F
ClientSampleId :
ETC-21642

Tgt Ion:172 Resp: 494162

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.4
170	23.7	20.0	30.0

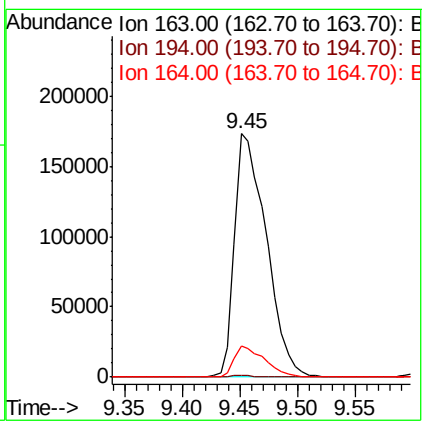


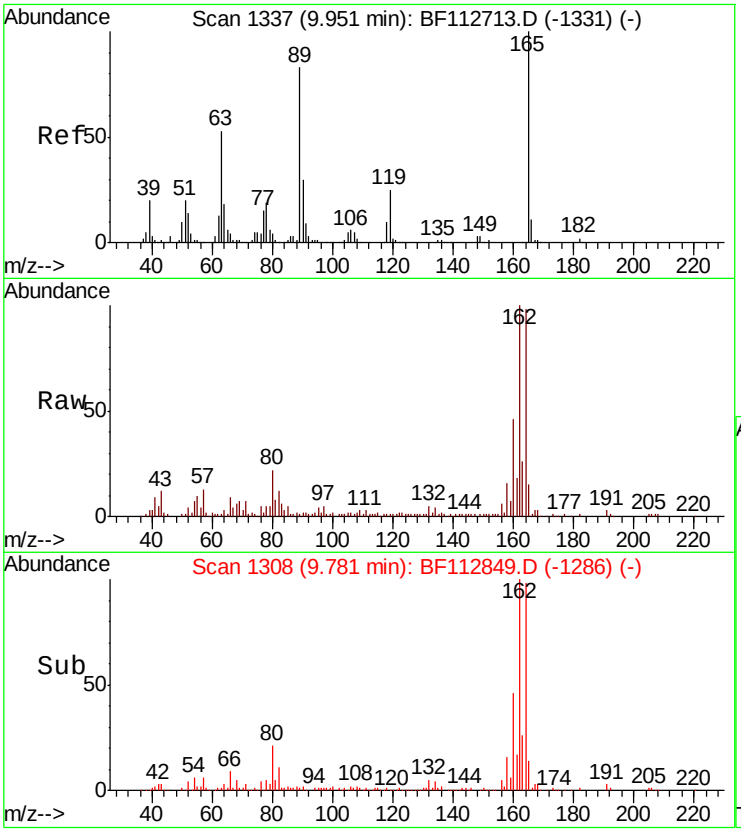


#50
Dimethylphthalate
Concen: 20.409 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.05 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Tgt Ion:163 Resp: 331624

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



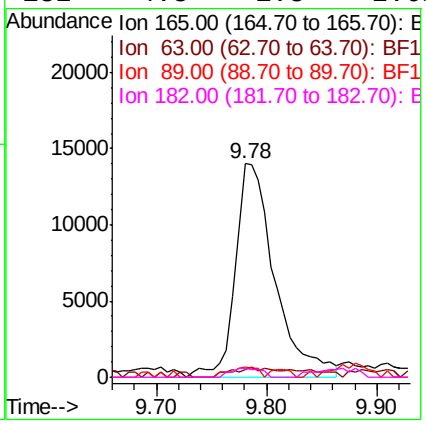


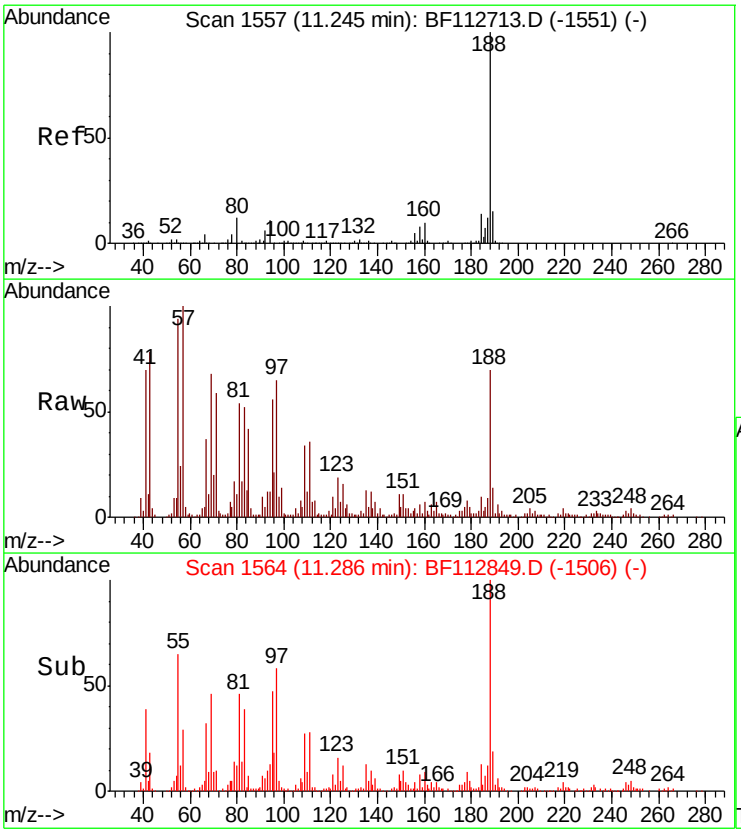
#57
2,4-Dinitrotoluene
Concen: 8.385 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.17 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Instrument :
BNA_F
ClientSampleId :
ETC-21642

Tgt Ion:165 Resp: 35268

Ion	Ratio	Lower	Upper
165	100		
63	3.5	42.2	63.2#
89	4.7	66.2	99.4#
182	4.3	1.8	2.6#

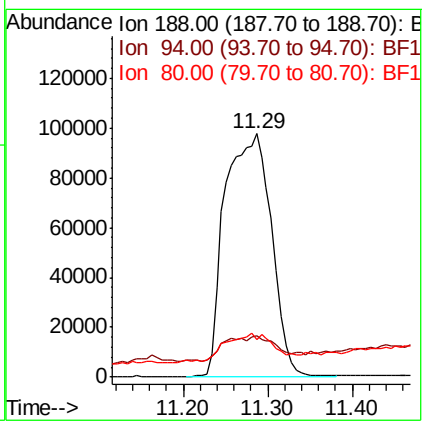


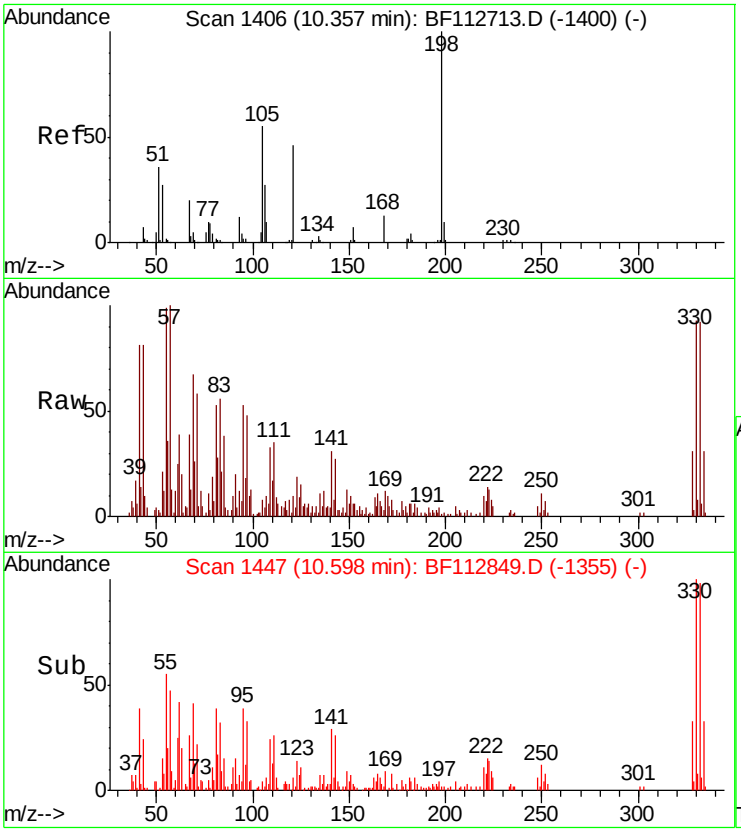


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.04 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Tgt Ion:188 Resp: 374854

Ion	Ratio	Lower	Upper
188	100		
94	16.8	9.0	13.4#
80	15.3	9.2	13.8#



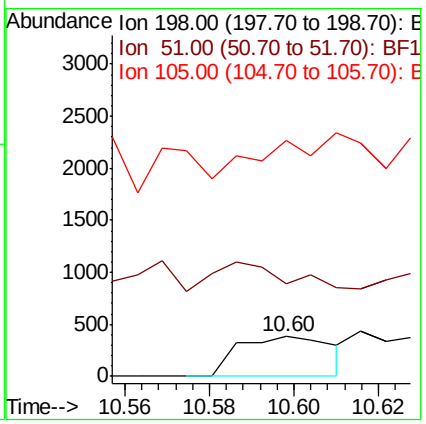


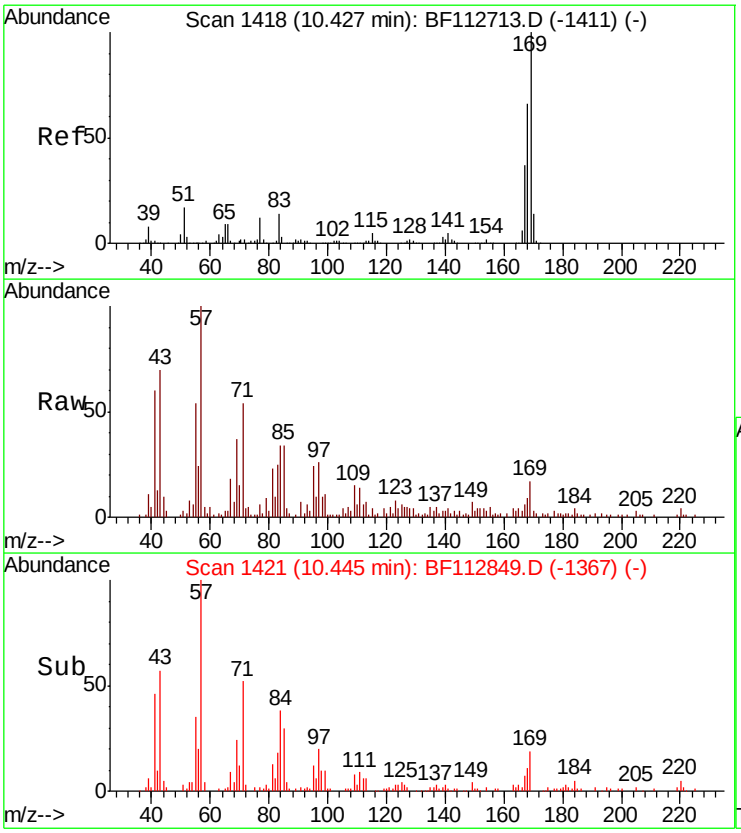
#65
4,6-Dinitro-2-methylphenol
Concen: 4.965 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.24 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Instrument :
BNA_F
ClientSampleId :
ETC-21642

Tgt Ion:198 Resp: 600

Ion	Ratio	Lower	Upper
198	100		
51	233.0	43.8	83.8#
105	592.1	36.5	76.5#

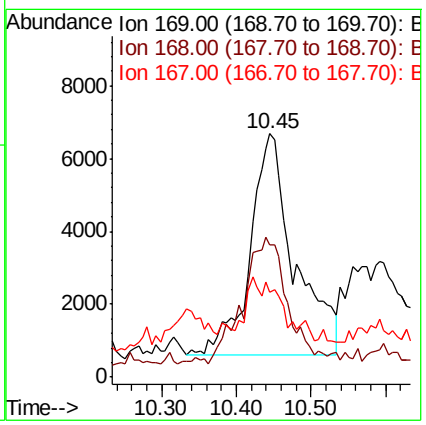


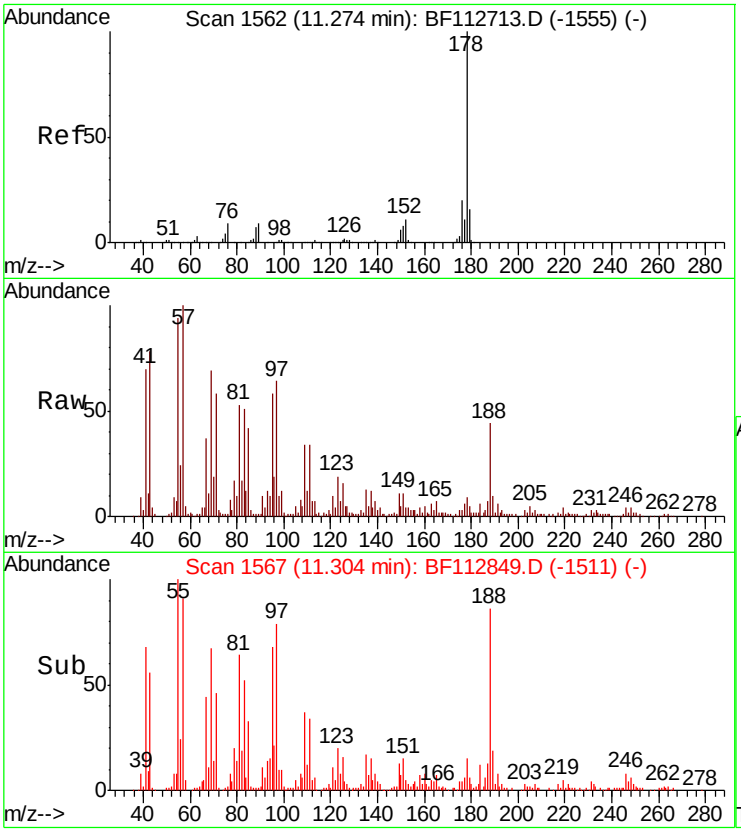


#66
n-Nitrosodiphenylamine
Concen: 2.107 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.02 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Tgt Ion:169 Resp: 25329

Ion	Ratio	Lower	Upper
169	100		
168	54.5	53.0	79.6
167	34.7	29.3	43.9



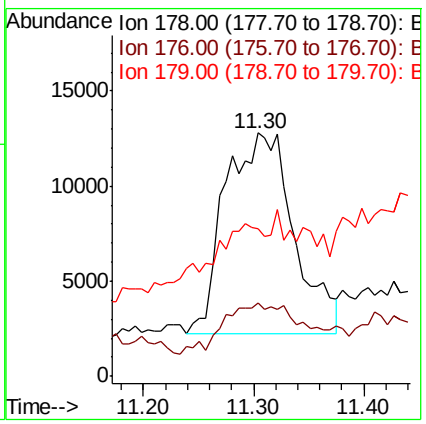


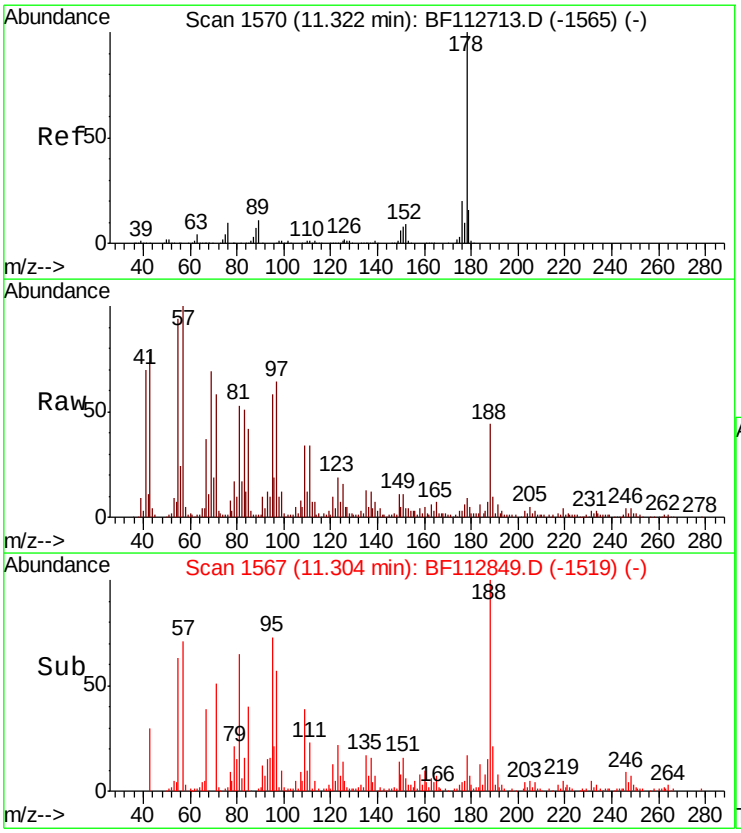
#71
Phenanthrene
Concen: 2.453 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.03 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Instrument :
BNA_F
ClientSampleId :
ETC-21642

Tgt Ion:178 Resp: 45758

Ion	Ratio	Lower	Upper
178	100		
176	30.2	16.3	24.5#
179	60.8	12.7	19.1#

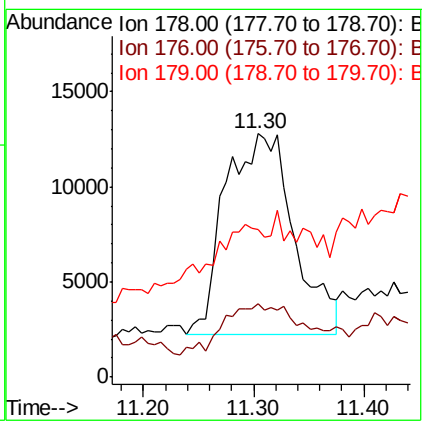


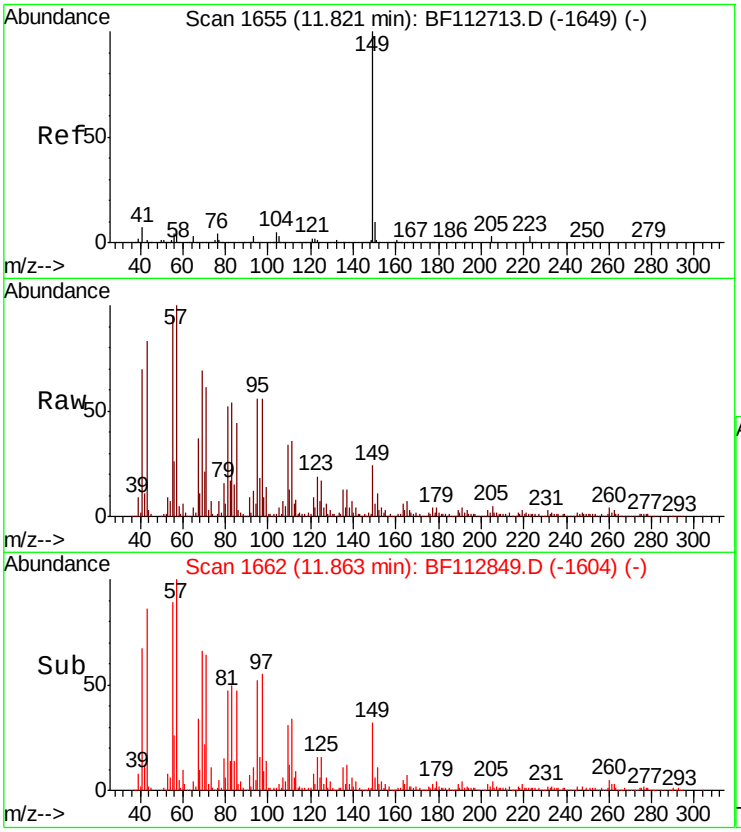


#72
Anthracene
Concen: 2.344 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Tgt Ion:178 Resp: 45758

Ion	Ratio	Lower	Upper
178	100		
176	30.2	15.8	23.6#
179	60.8	13.0	19.6#



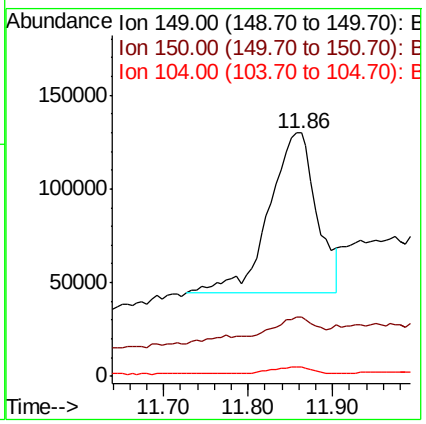


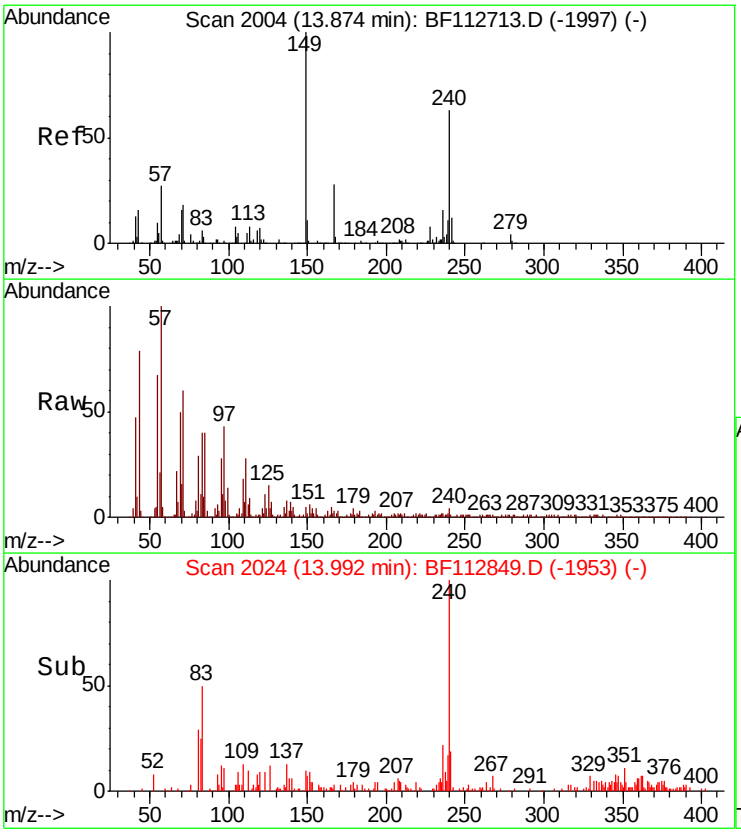
#74
Di-n-butylphthalate
Concen: 14.834 ng
RT: 11.86 min Scan# 1662
Delta R.T. 0.04 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Instrument :
BNA_F
ClientSampleId :
ETC-21642

Tgt Ion:149 Resp: 338748

Ion	Ratio	Lower	Upper
149	100		
150	24.1	7.6	11.4#
104	3.9	3.7	5.5

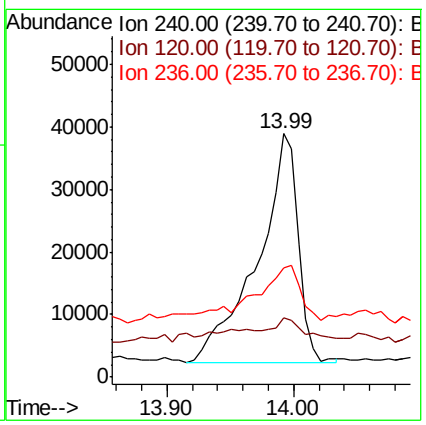


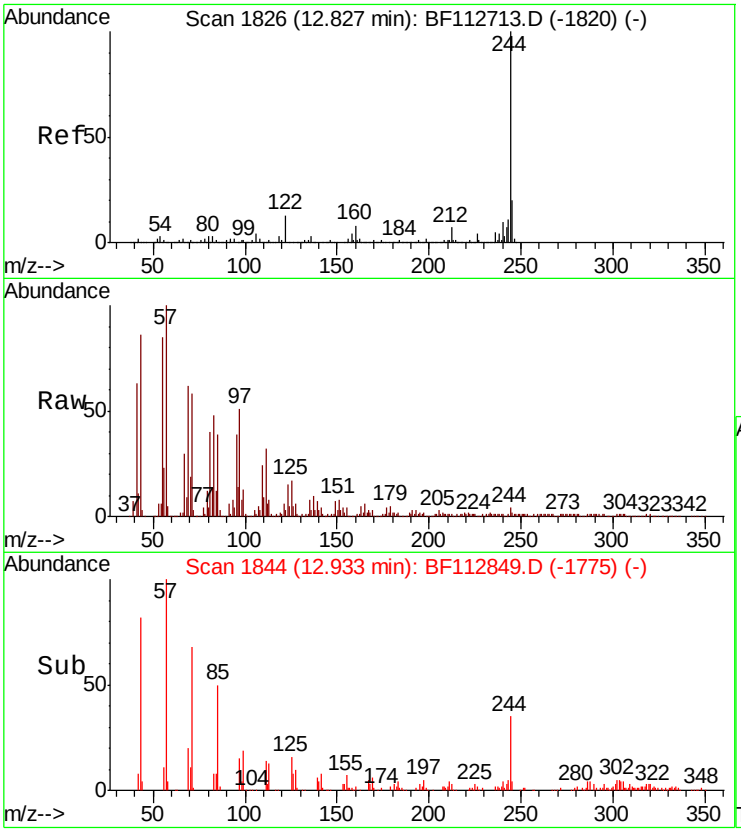


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.12 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Tgt Ion:240 Resp: 81149

Ion	Ratio	Lower	Upper
240	100		
120	24.3	8.9	13.3#
236	44.7	20.7	31.1#



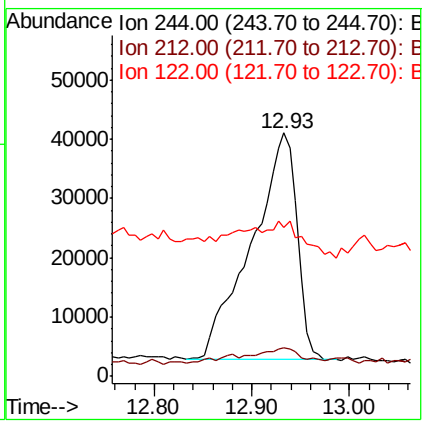


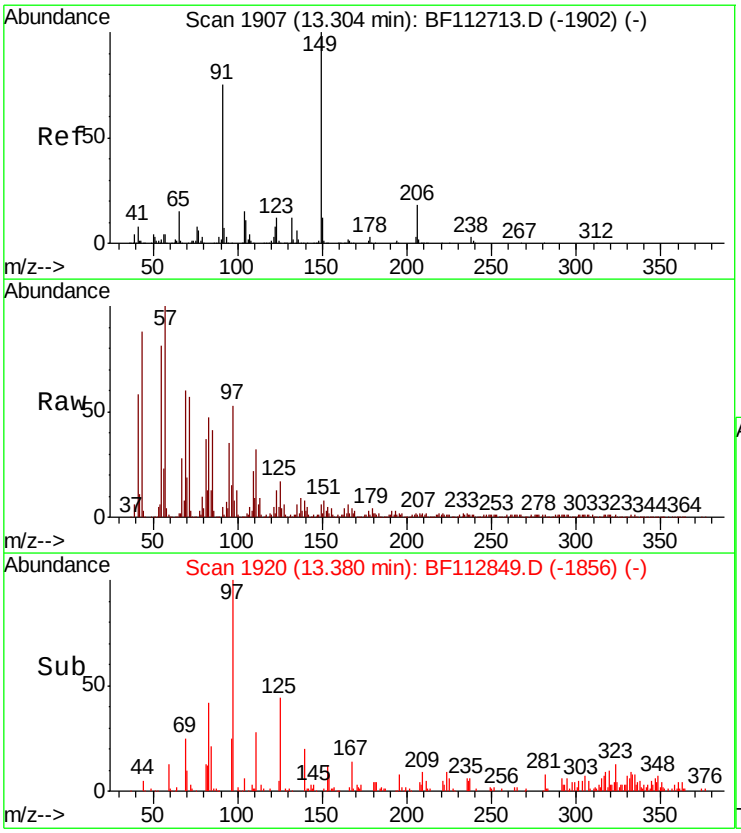
#79
Terphenyl-d14
Concen: 29.740 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.11 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Instrument :
BNA_F
ClientSampleId :
ETC-21642

Tgt Ion:244 Resp: 124495

Ion	Ratio	Lower	Upper
244	100		
212	11.9	5.6	8.4#
122	61.3	10.5	15.7#

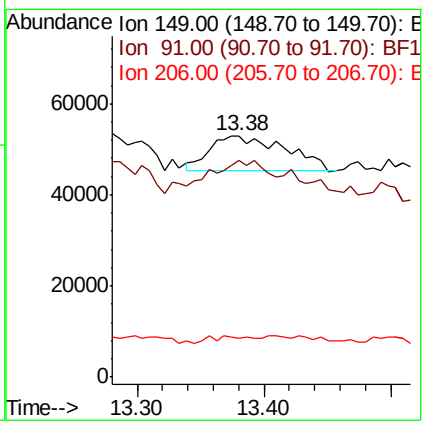


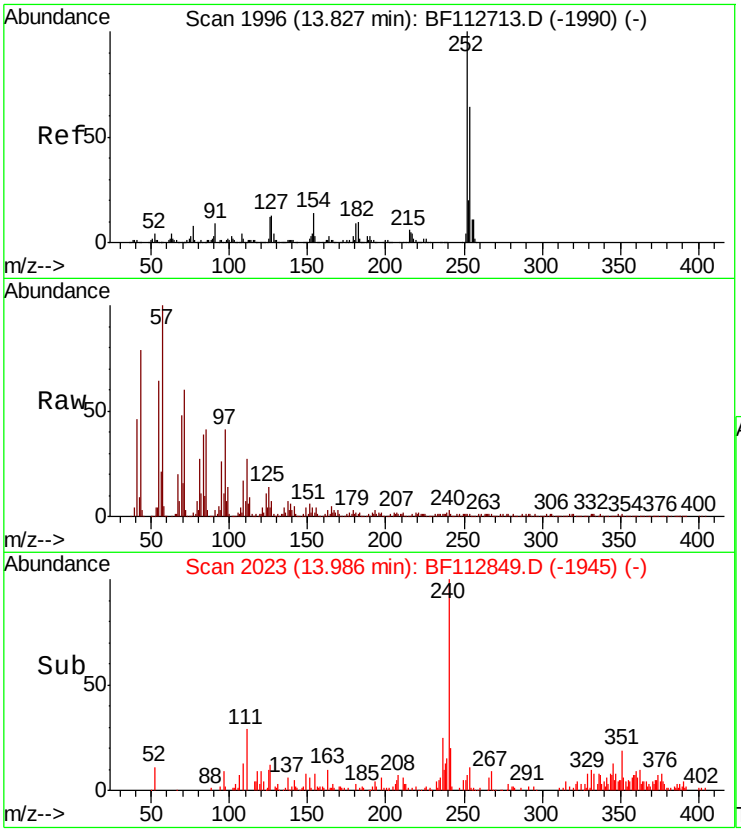


#80
Butylbenzylphthalate
Concen: 10.688 ng
RT: 13.38 min Scan# 1920
Delta R.T. 0.08 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Tgt Ion:149 Resp: 32275

Ion	Ratio	Lower	Upper
149	100		
91	89.5	59.9	89.9
206	15.8	14.7	22.1



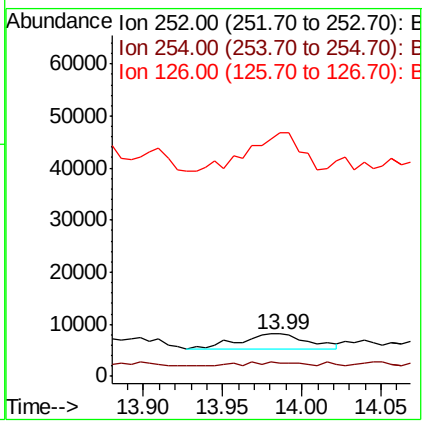


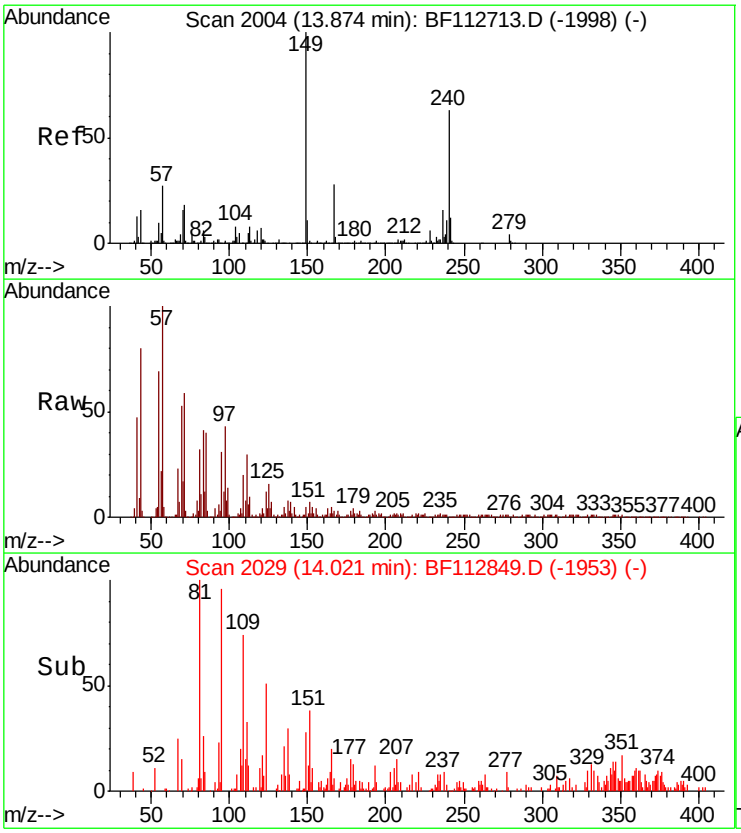
#82
3,3'-Dichlorobenzidine
Concen: 4.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.16 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Instrument :
BNA_F
ClientSampleId :
ETC-21642

Tgt Ion:252 Resp: 8509

Ion	Ratio	Lower	Upper
252	100		
254	30.1	51.1	76.7#
126	574.4	9.9	14.9#

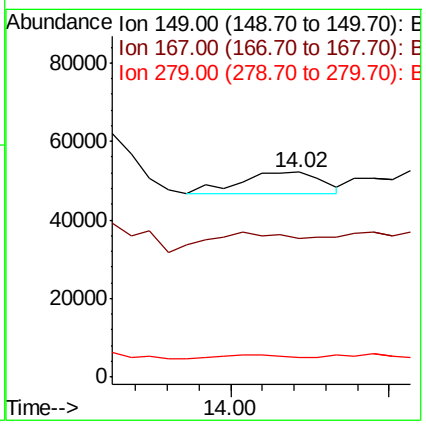


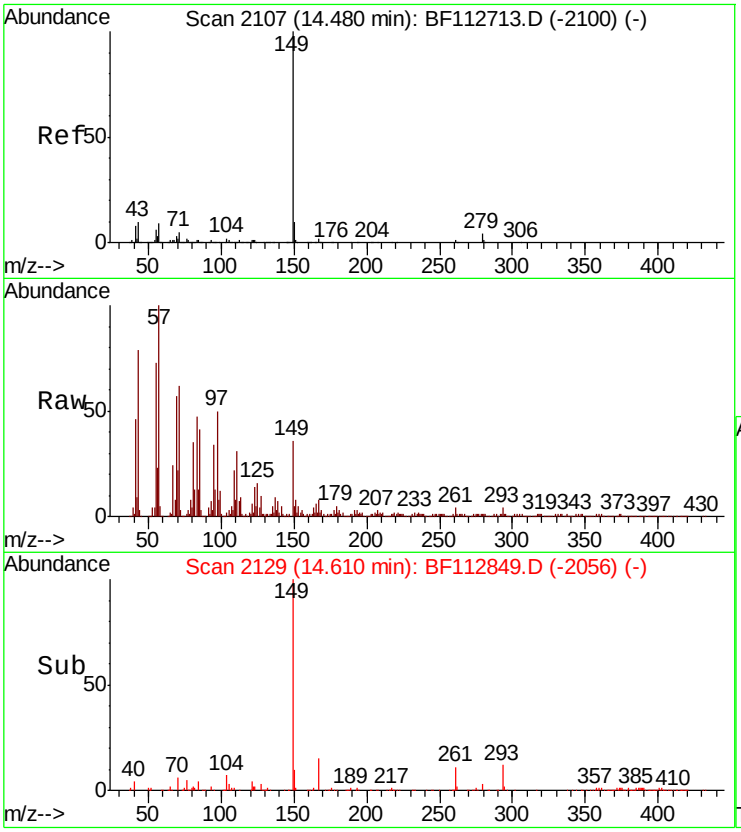


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.898 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.15 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Tgt Ion:149 Resp: 10264

Ion	Ratio	Lower	Upper
149	100		
167	67.7	22.4	33.6#
279	9.5	3.3	4.9#



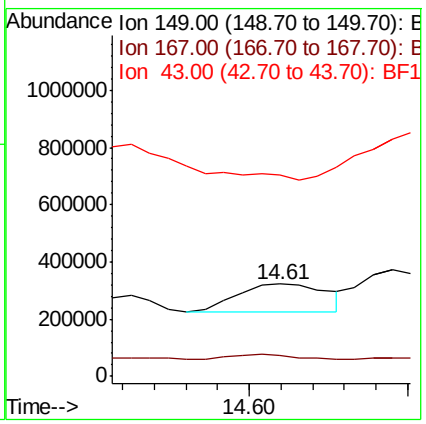


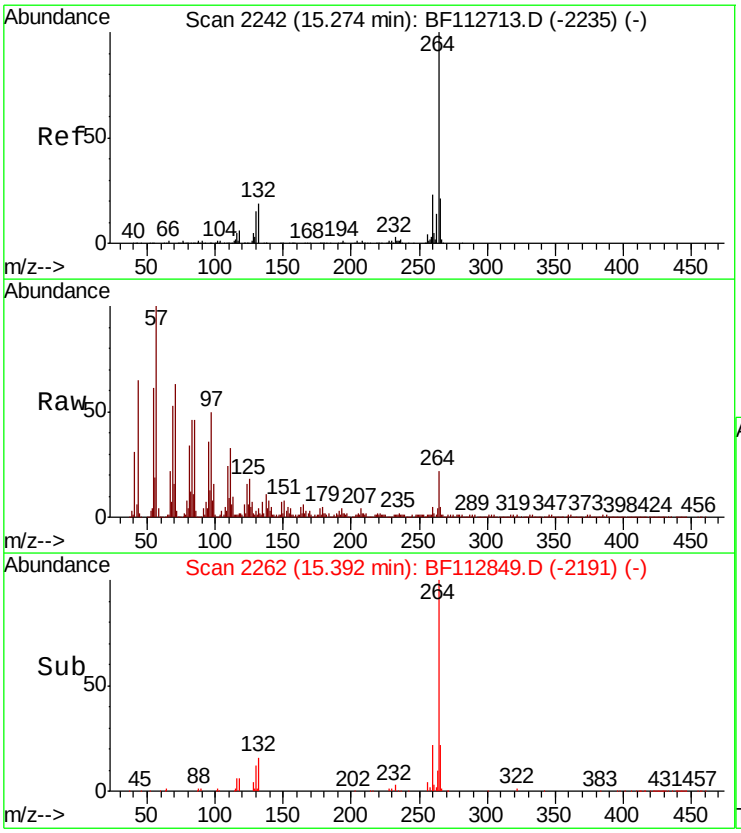
#85
Di-n-octyl phthalate
Concen: 30.935 ng
RT: 14.61 min Scan# 2129
Delta R.T. 0.13 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Instrument :
BNA_F
ClientSampleId :
ETC-21642

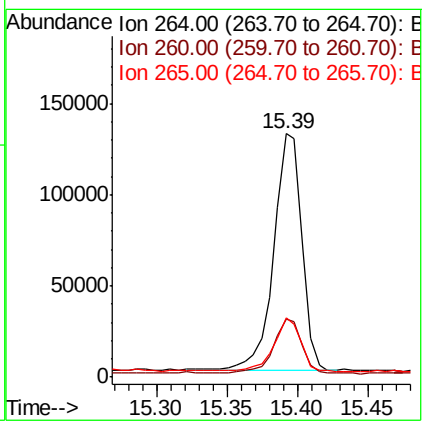
Tgt Ion:149 Resp: 188147

Ion	Ratio	Lower	Upper
149	100		
167	10.9	1.2	1.8#
43	0.0	9.0	13.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.12 min
Lab File: BF112849.D
Acq: 5 Mar 2019 12:16

Tgt Ion:264 Resp: 179186

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	24.3	17.2	25.8