Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085649.D
Acq On : 22 Mar 2016 6:12
Operator : UM/SJ
Sample : H1837-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-11A

Quant Time: Mar 22 05:47:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	125623	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	513831	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	199350	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	338880	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	239461	20.00	ng	-0.02
86) Perylene-d12	15.42	264	208190	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	858363	114.77	ng	0.00
7) Phenol-d6	6.48	99	1058187	110.32	ng	-0.01
23) Nitrobenzene-d5	7.41	82	714512	80.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	253663	129.90	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1183031	108.78	ng	-0.02
78) Terphenyl-d14	12.95	244	993469	99.83	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.37	77	2354	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	95499	16.67	ng	# 78
25) Isophorone	7.41	82	539737	30.45	ng	# 68
31) Naphthalene	8.15	128	287896	11.10	ng	97
33) 4-Chloroaniline	8.15	127	36652	3.45	ng	# 35
50) 2,6-Dinitrotoluene	9.88	165	25572	8.05	ng	# 19
56) 2,4-Dinitrotoluene	9.88	165	25568	6.15	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	16193	4.78	ng	# 1

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

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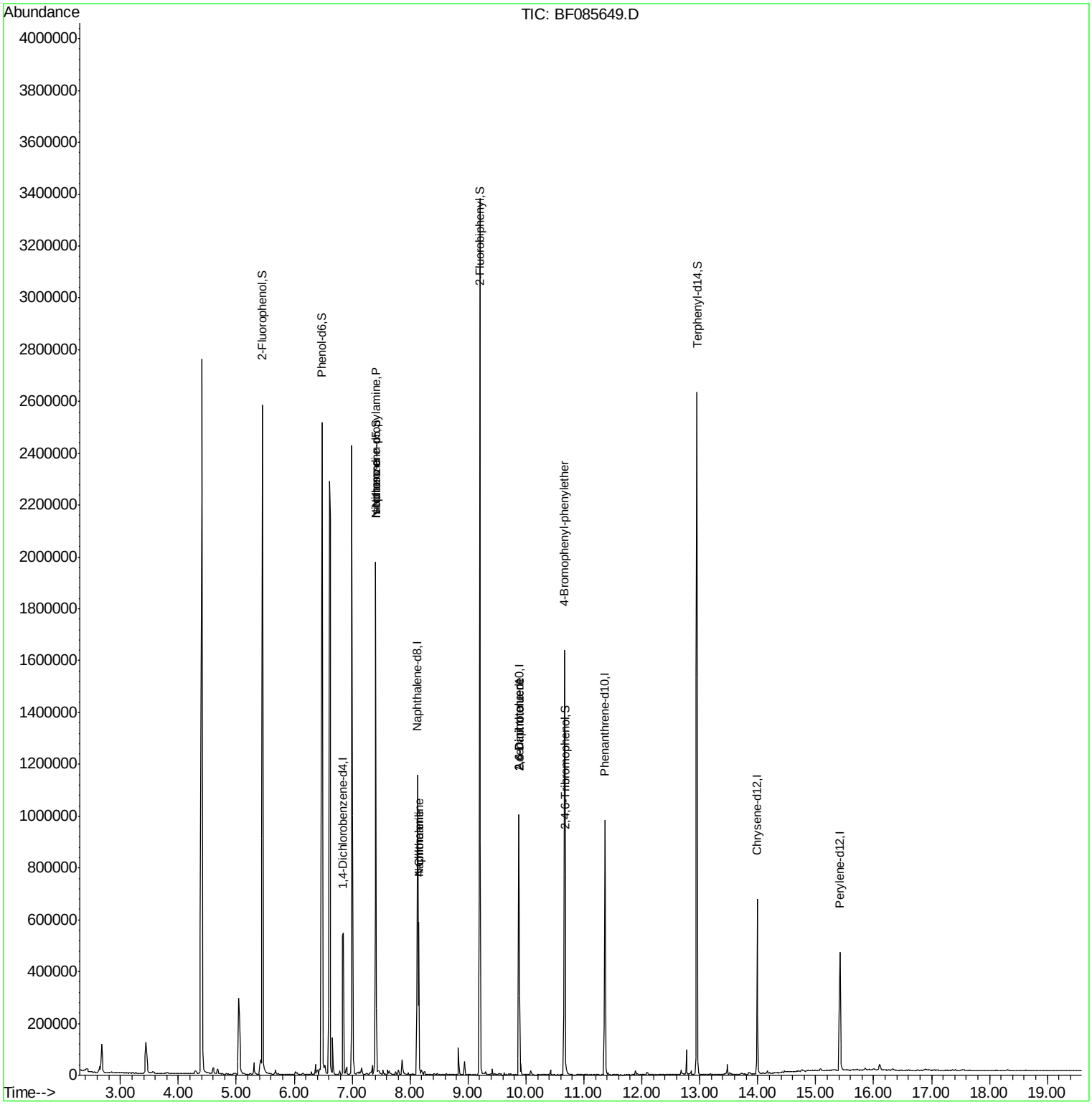
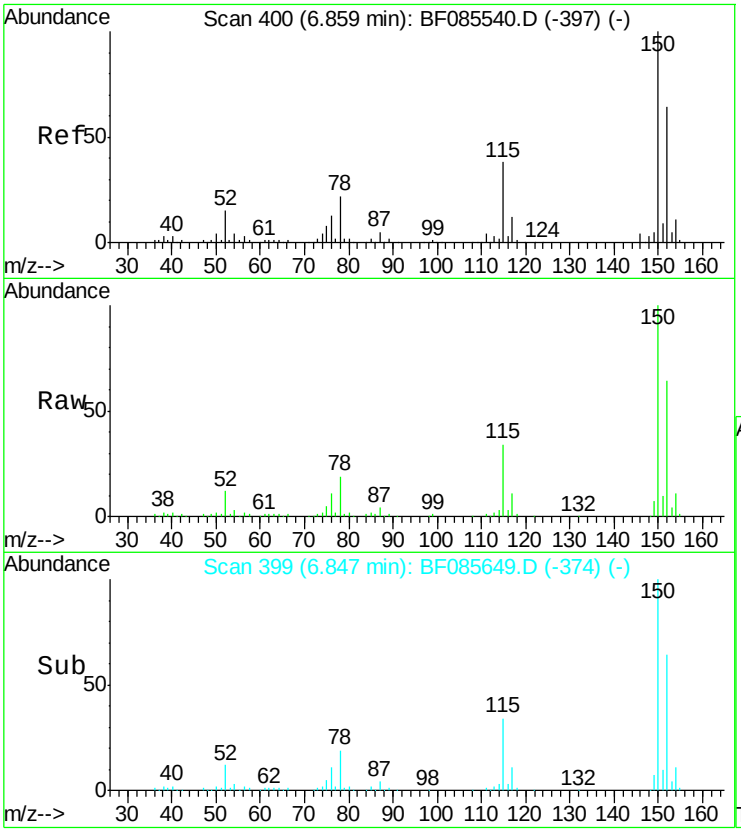


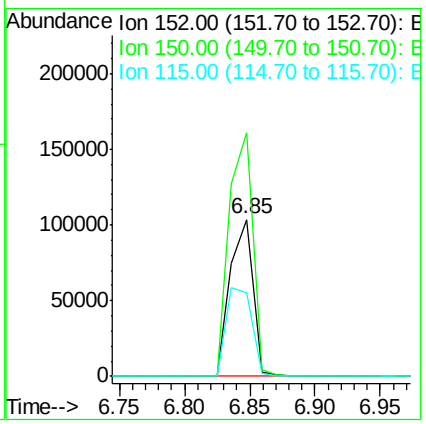


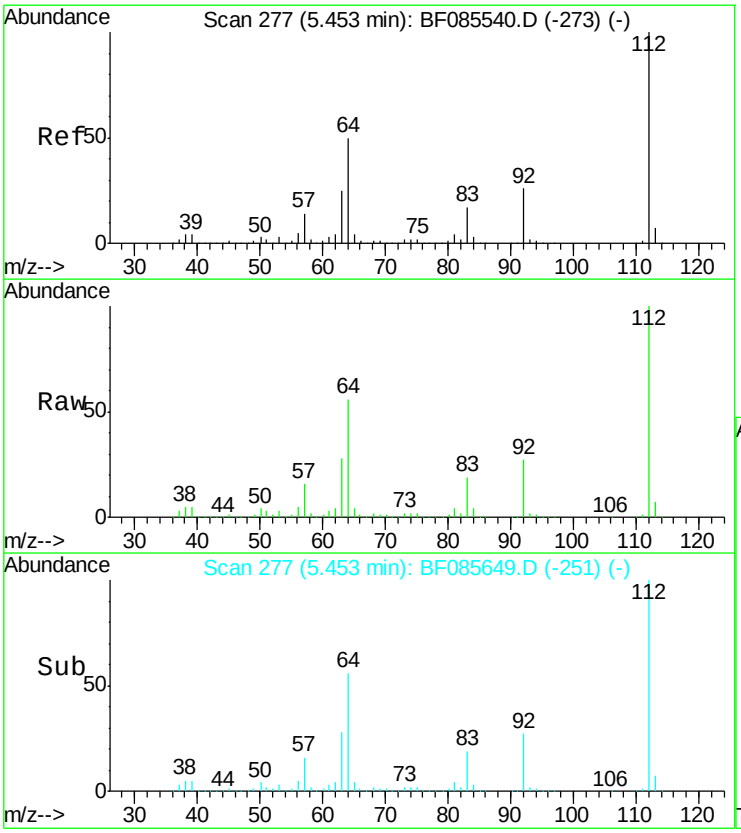
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-11A

Tgt Ion:152 Resp: 125623

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.2	186.2
115	53.3	47.0	70.6

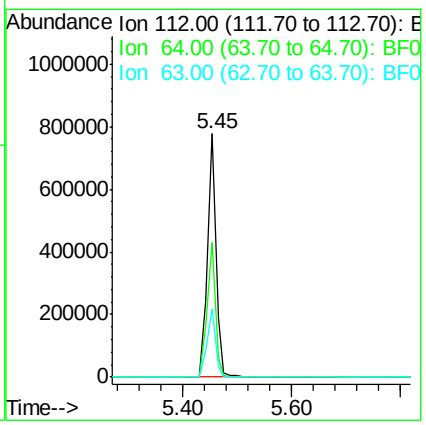


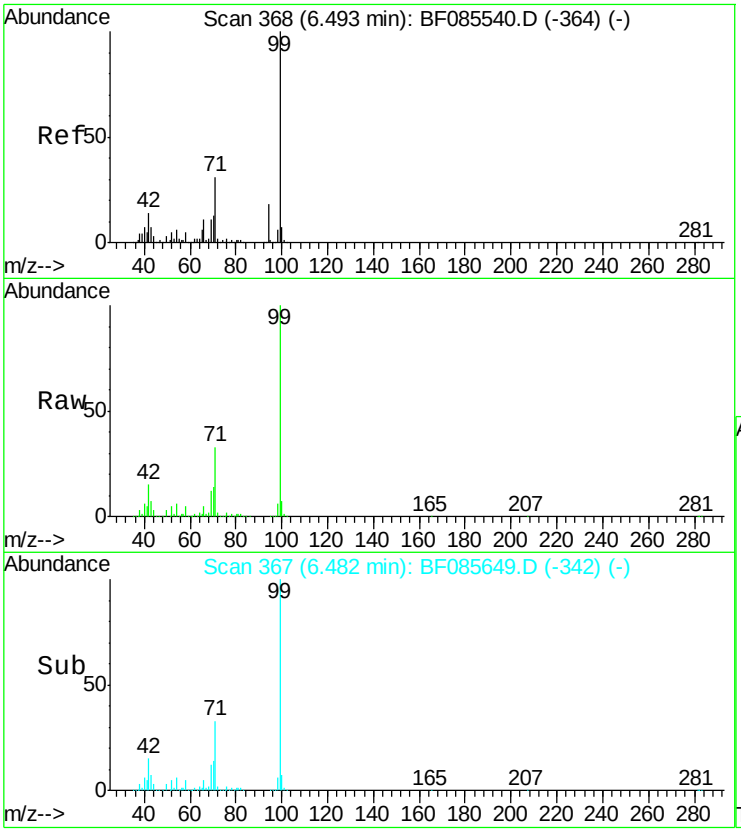


#5
2-Fluorophenol
Concen: 114.77 ng
RT: 5.45 min Scan# 277
Delta R.T. 0.00 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Tgt Ion:112 Resp: 858363

Ion	Ratio	Lower	Upper
112	100		
64	55.6	39.9	59.9
63	28.3	20.2	30.2



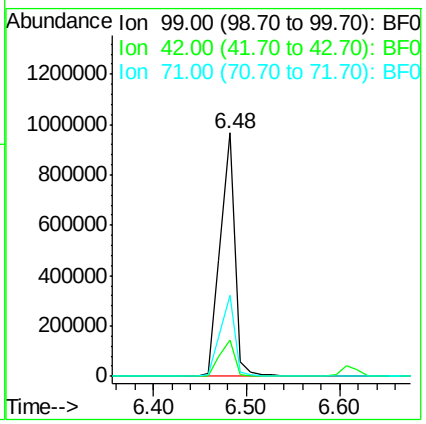


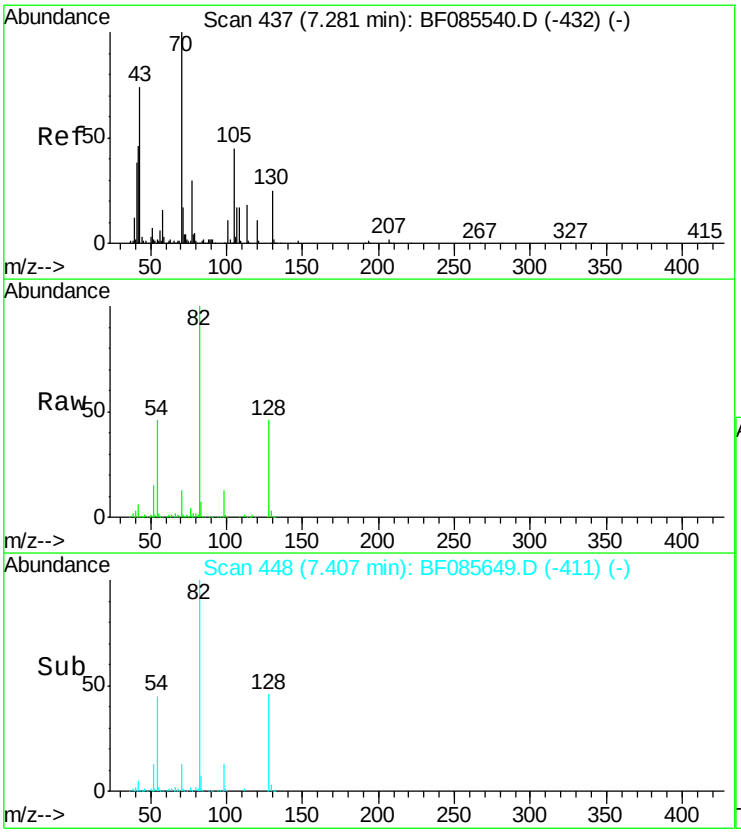
#7
Phenol-d6
Concen: 110.32 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-11A

Tgt Ion: 99 Resp: 1058187

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.1	16.7
71	33.4	24.9	37.3

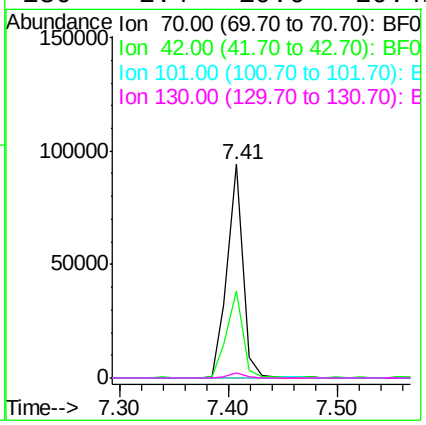


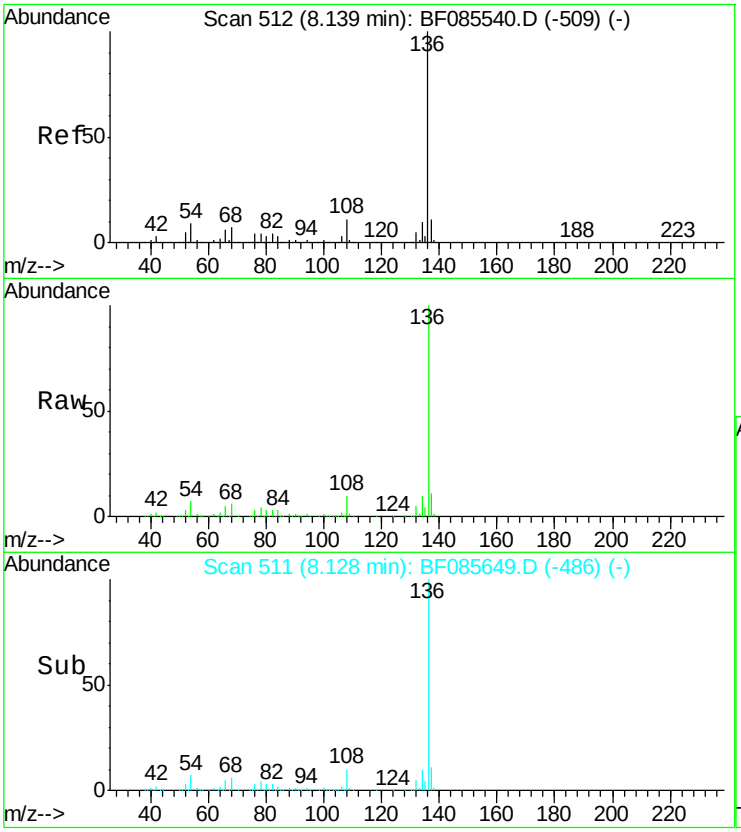


#19
n-Nitroso-di-n-propylamine
Concen: 16.67 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.13 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Tgt Ion: 70 Resp: 95499

Ion	Ratio	Lower	Upper
70	100		
42	41.0	37.1	55.7
101	0.0	8.6	12.8#
130	2.4	19.6	29.4#



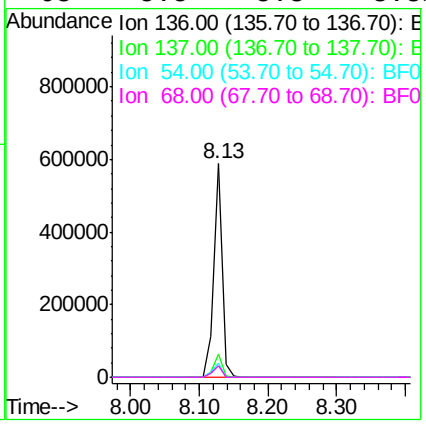


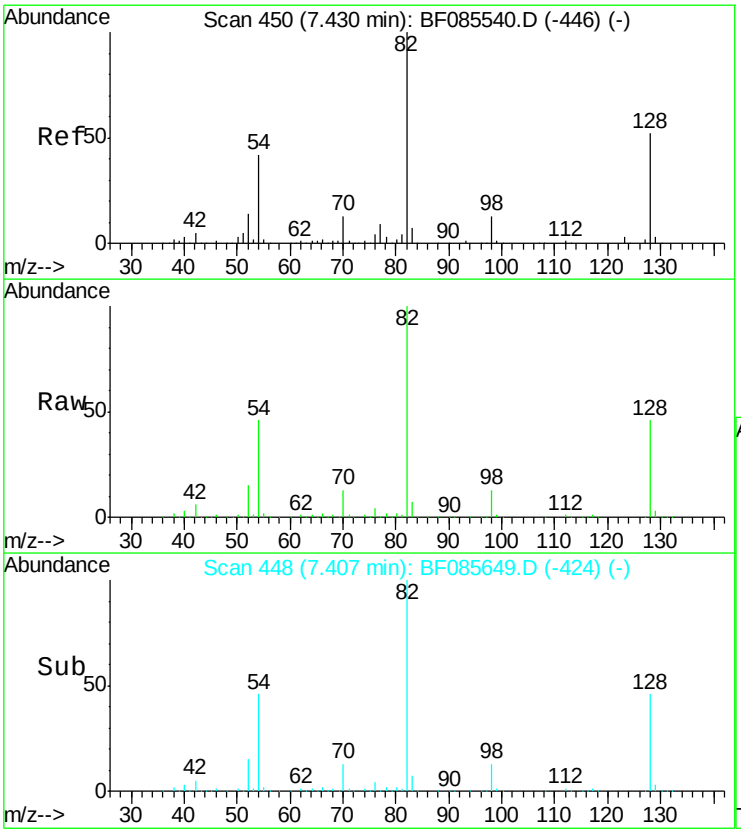
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-11A

Tgt Ion:136 Resp: 513831

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.5	7.4	11.0#
68	5.5	5.8	8.8#

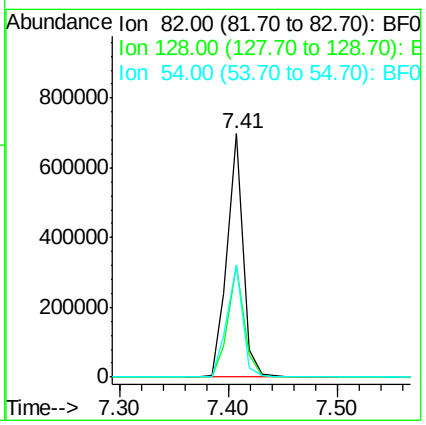


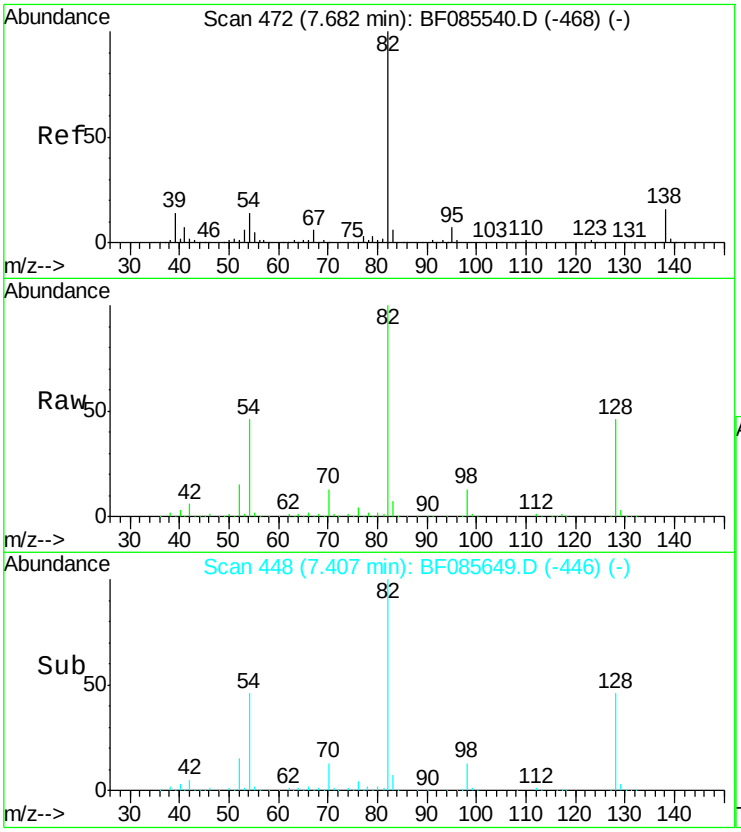


#23
Nitrobenzene-d5
Concen: 80.72 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Tgt Ion: 82 Resp: 714512

Ion	Ratio	Lower	Upper
82	100		
128	45.9	41.8	62.8
54	46.0	33.4	50.0



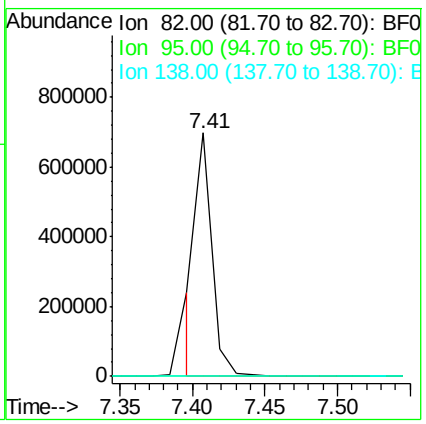


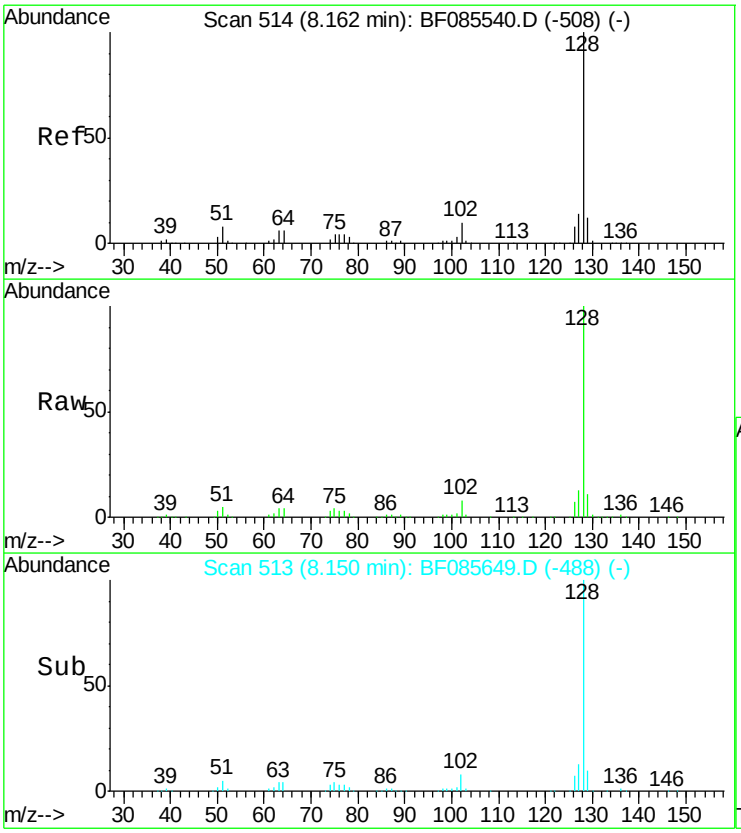
#25
Isophorone
Concen: 30.45 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.27 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-11A

Tgt Ion: 82 Resp: 539737

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#

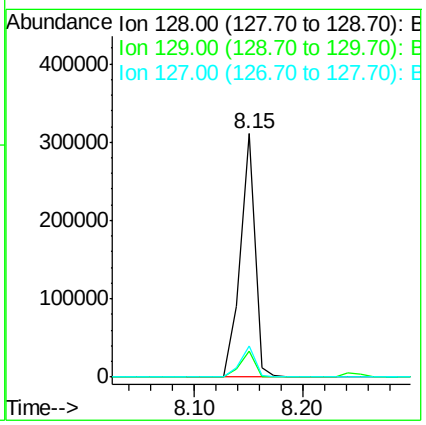


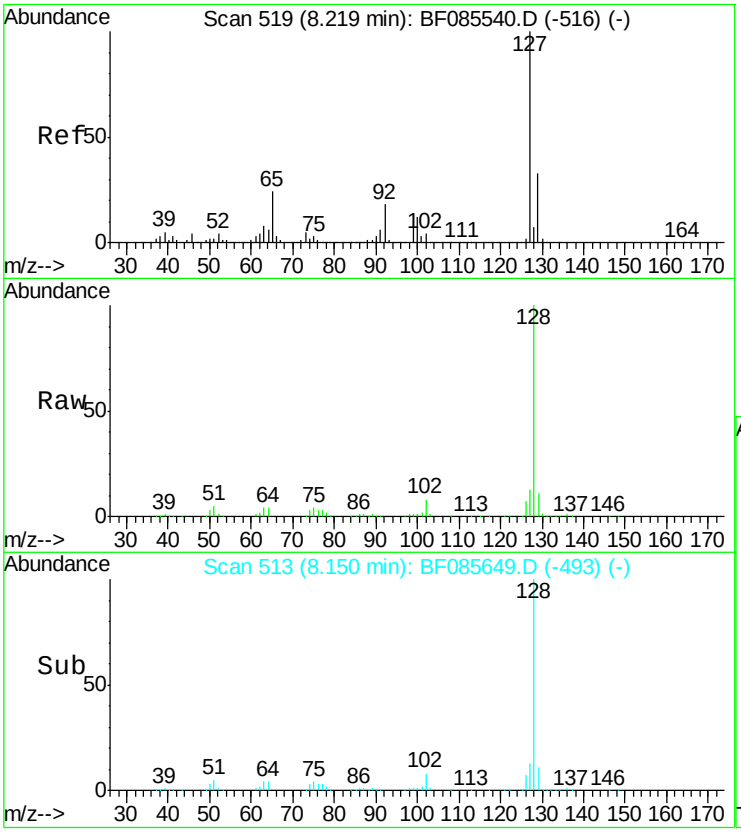


#31
Naphthalene
Concen: 11.10 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Tgt Ion:128 Resp: 287896

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.0
127	12.8	11.0	16.6



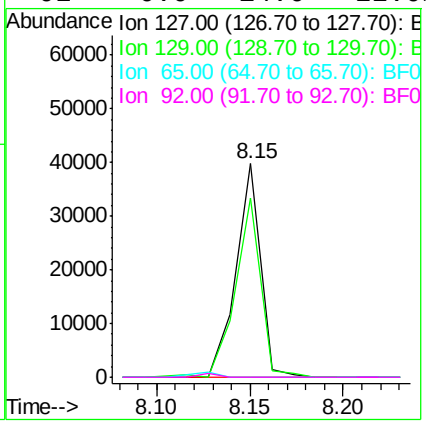


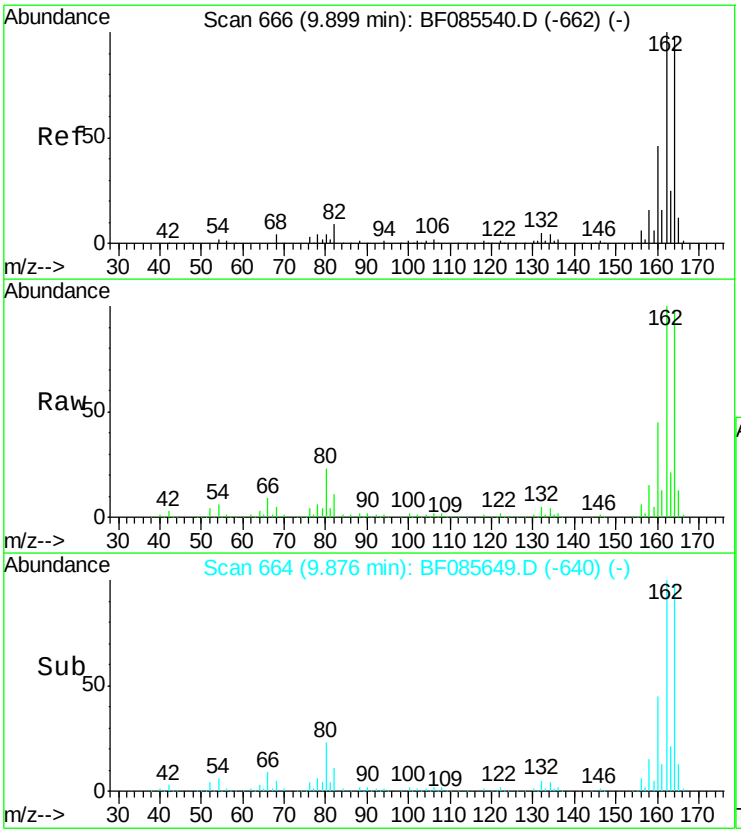
#33
4-Chloroaniline
Concen: 3.45 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.07 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-11A

Tgt Ion:127 Resp: 36652

Ion	Ratio	Lower	Upper
127	100		
129	83.7	26.1	39.1#
65	0.0	19.5	29.3#
92	0.0	14.6	22.0#

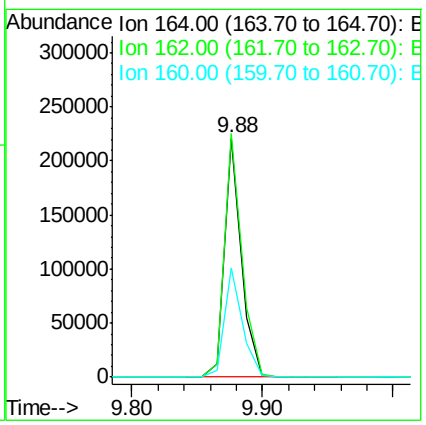


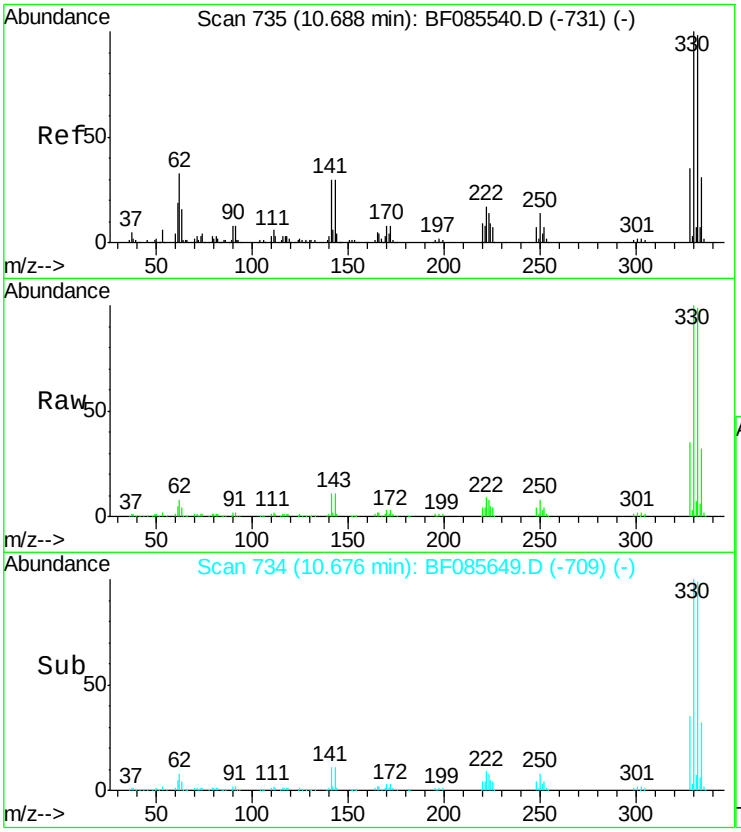


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Tgt Ion:164 Resp: 199350

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.1	123.1
160	46.0	37.4	56.2



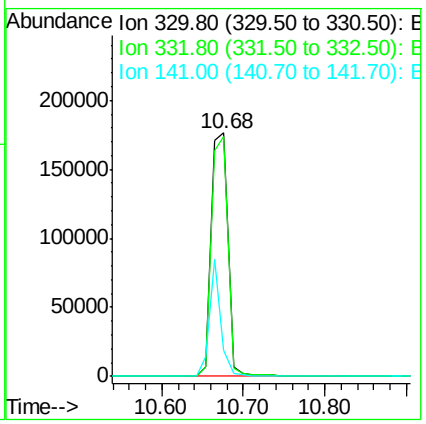


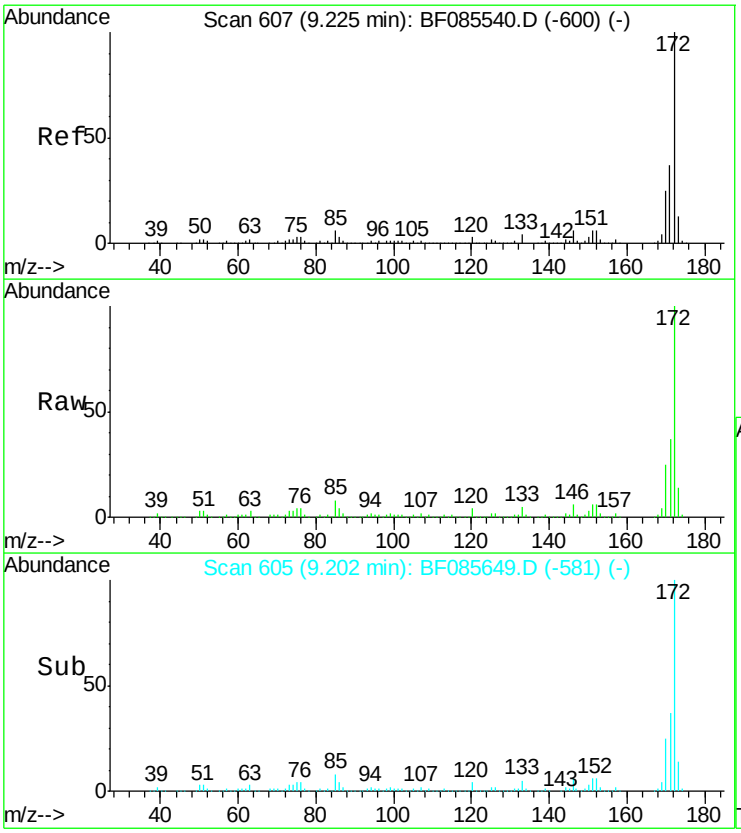
#41
2,4,6-Tribromophenol
Concen: 129.90 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-11A

Tgt Ion:330 Resp: 253663

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.2
141	33.5	31.5	47.3

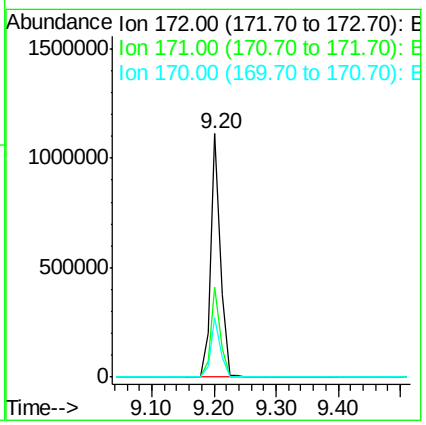


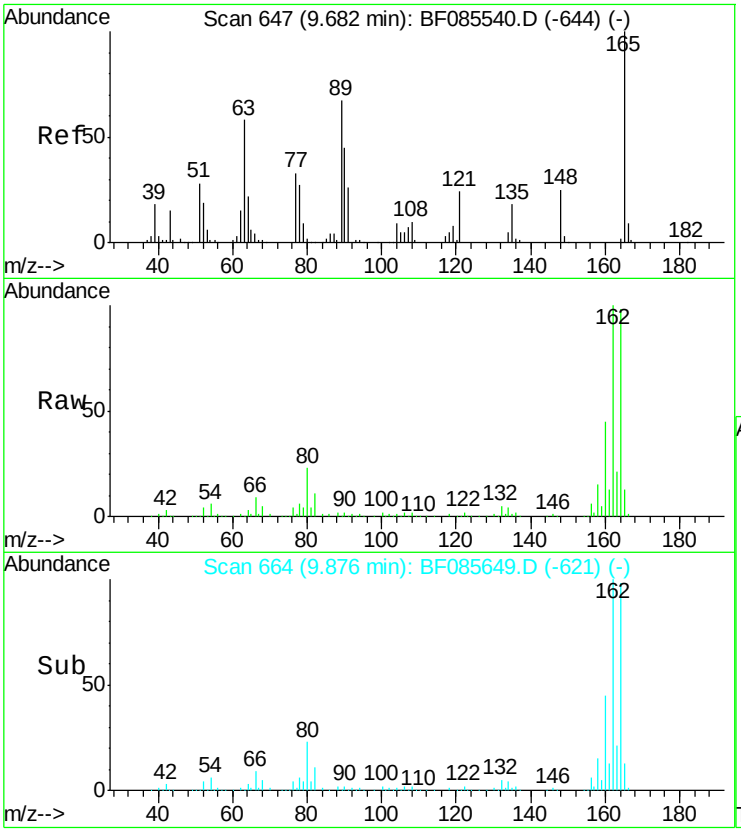


#44
2-Fluorobiphenyl
Concen: 108.78 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Tgt Ion:172 Resp: 1183031

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	24.5	19.8	29.6



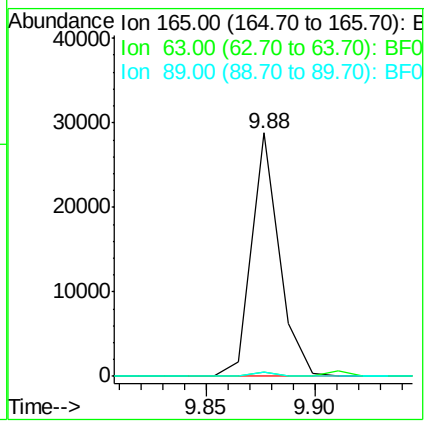


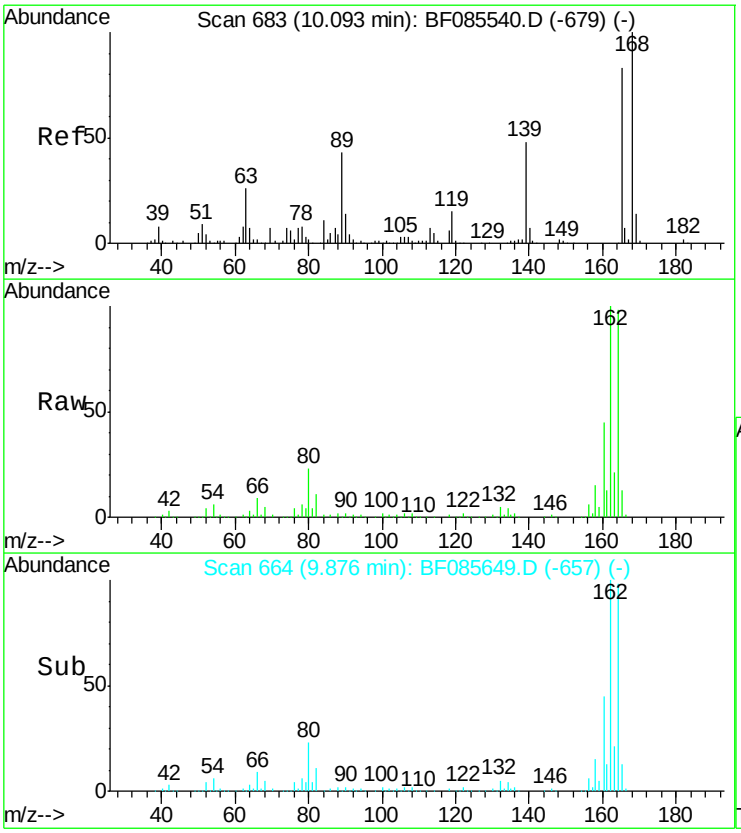
#50
2,6-Dinitrotoluene
Concen: 8.05 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.19 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-11A

Tgt Ion:165 Resp: 25572

Ion	Ratio	Lower	Upper
165	100		
63	1.9	51.8	77.8#
89	1.5	53.7	80.5#

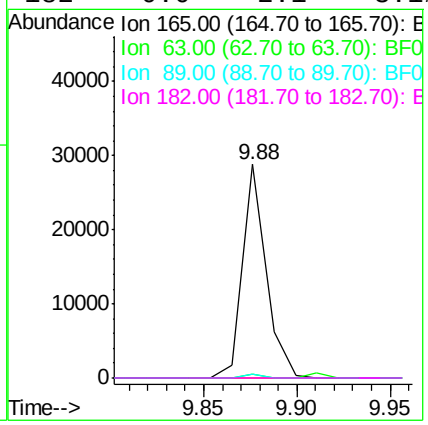


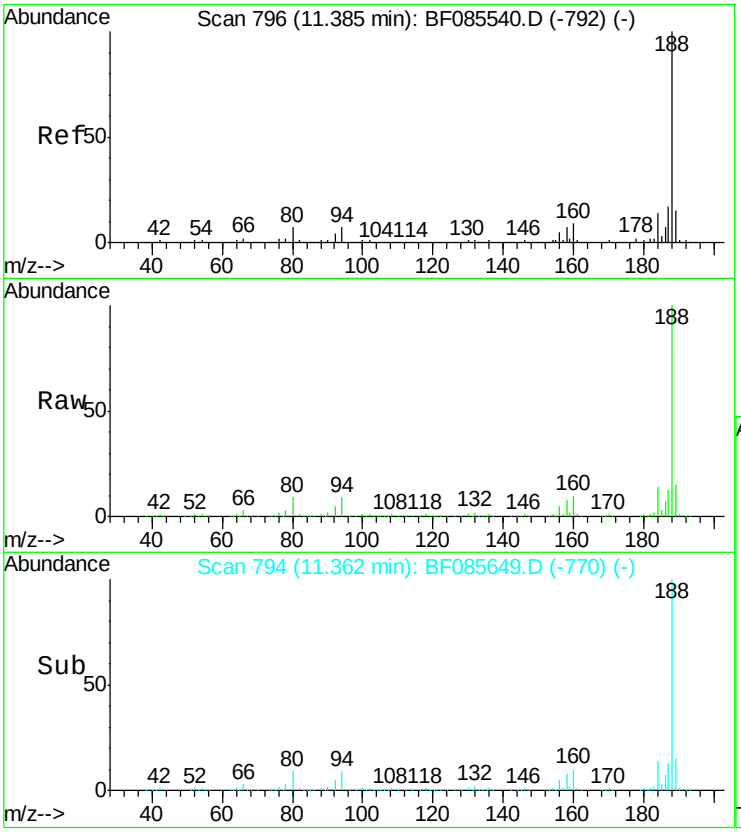


#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.22 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Tgt Ion:165 Resp: 25568

Ion	Ratio	Lower	Upper
165	100		
63	1.9	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#



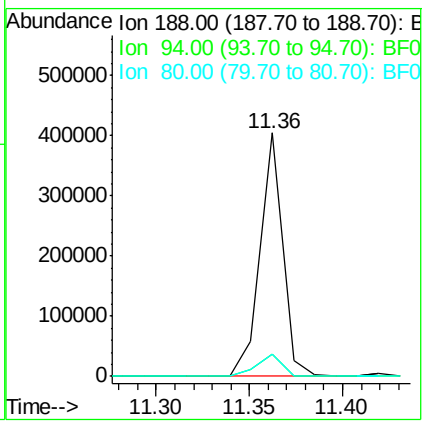


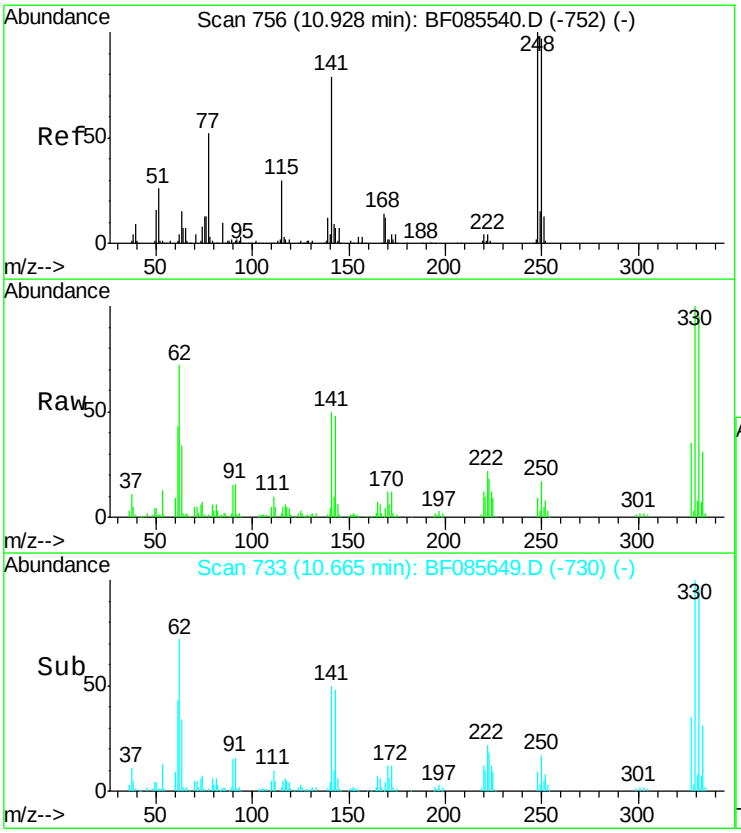
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-11A

Tgt Ion:188 Resp: 338880

Ion	Ratio	Lower	Upper
188	100		
94	9.1	5.4	8.0#
80	9.1	5.5	8.3#

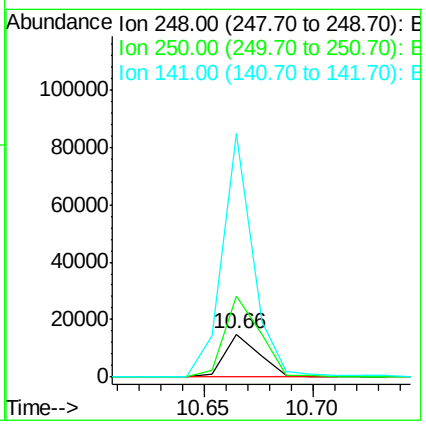


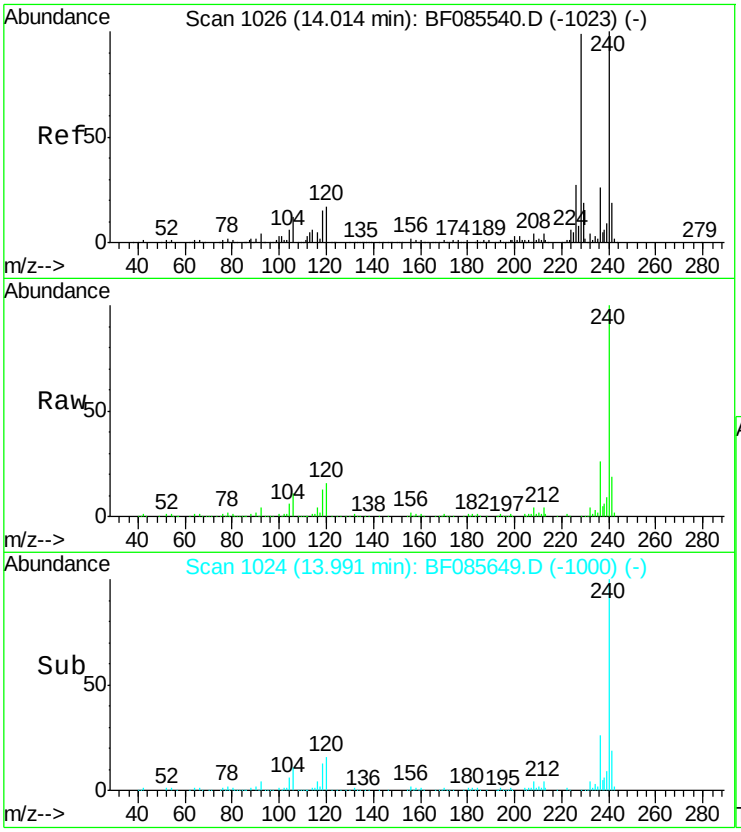


#66
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Tgt Ion:248 Resp: 16193

Ion	Ratio	Lower	Upper
248	100		
250	189.7	77.4	116.0#
141	566.4	63.6	95.4#



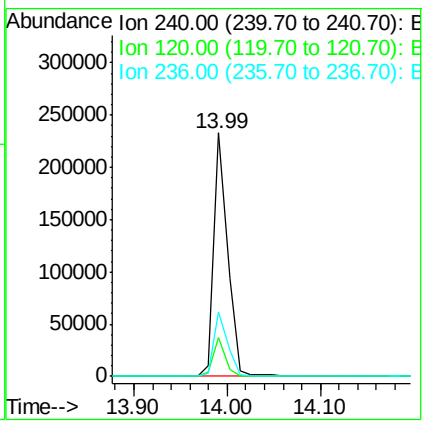


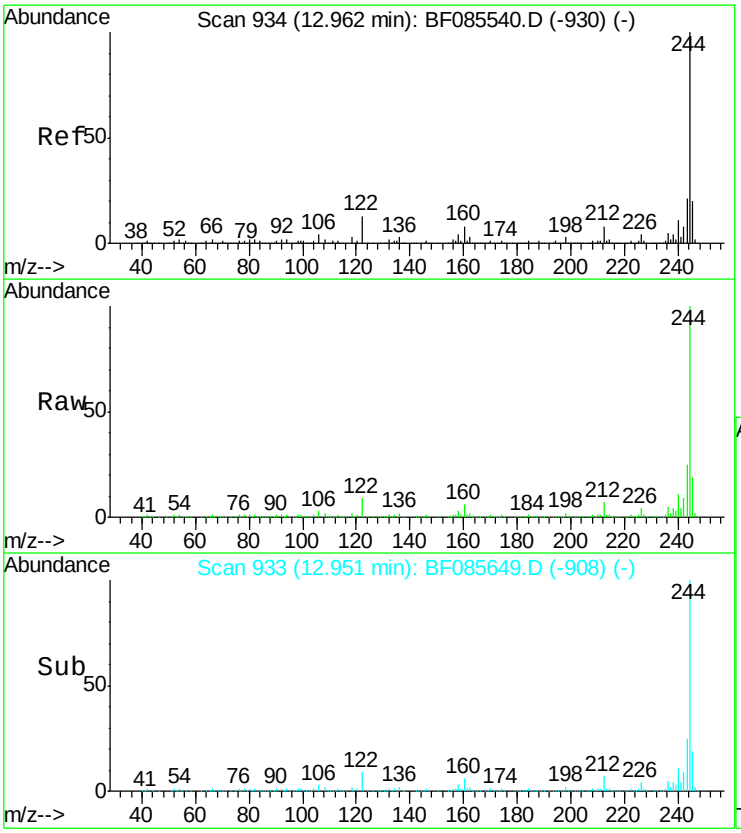
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-11A

Tgt Ion:240 Resp: 239461

Ion	Ratio	Lower	Upper
240	100		
120	15.8	13.8	20.8
236	26.3	20.6	30.8

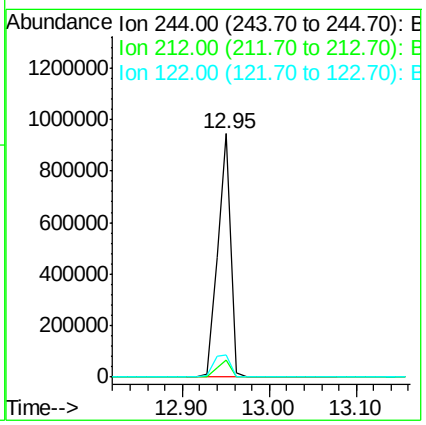


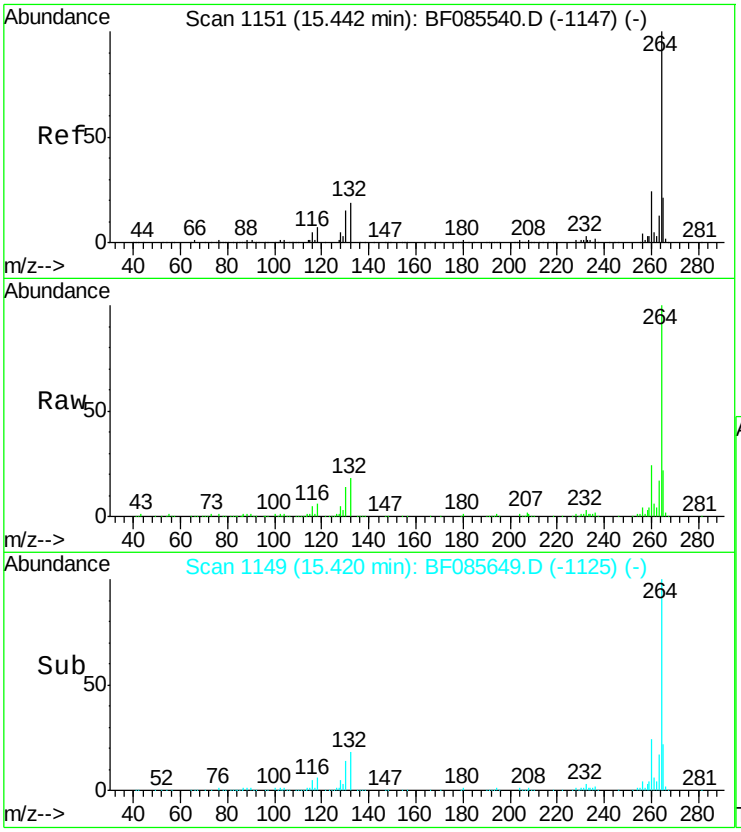


#78
Terphenyl-d14
Concen: 99.83 ng
RT: 12.95 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Tgt Ion:244 Resp: 993469

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	8.9	10.2	15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-11A

Tgt Ion:264 Resp: 208190

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.5	17.2	25.8