Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085623.D
Acq On : 21 Mar 2016 15:40
Operator : UM/SJ
Sample : H1816-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-9B

Quant Time: Mar 22 00:03:15 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	123405	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	528911	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	235382	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	467602	20.00	ng		-0.02
75) Chrysene-d12	13.99	240	329414	20.00	ng		-0.02
86) Perylene-d12	15.42	264	233258	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	828593	112.78	ng		0.00
7) Phenol-d6	6.48	99	1090468	115.72	ng		-0.01
23) Nitrobenzene-d5	7.41	82	740413	81.26	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	354775	153.87	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1225749	90.22	ng		-0.02
78) Terphenyl-d14	12.95	244	1278841	93.42	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	20859	2.49	ng		80
19) n-Nitroso-di-n-propylamine	7.41	70	97447	17.31	ng	#	78
31) Naphthalene	8.15	128	142871	5.35	ng		98
50) 2,6-Dinitrotoluene	9.88	165	30103	8.03	ng	#	19
55) 4-Nitrophenol	10.08	139	8731	2.41	ng	#	10
56) 2,4-Dinitrotoluene	9.88	165	30097	6.13	ng	#	37
66) 4-Bromophenyl-phenylether	10.66	248	21136	4.52	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
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Acq On : 21 Mar 2016 15:40
Operator : UM/SJ
Sample : H1816-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
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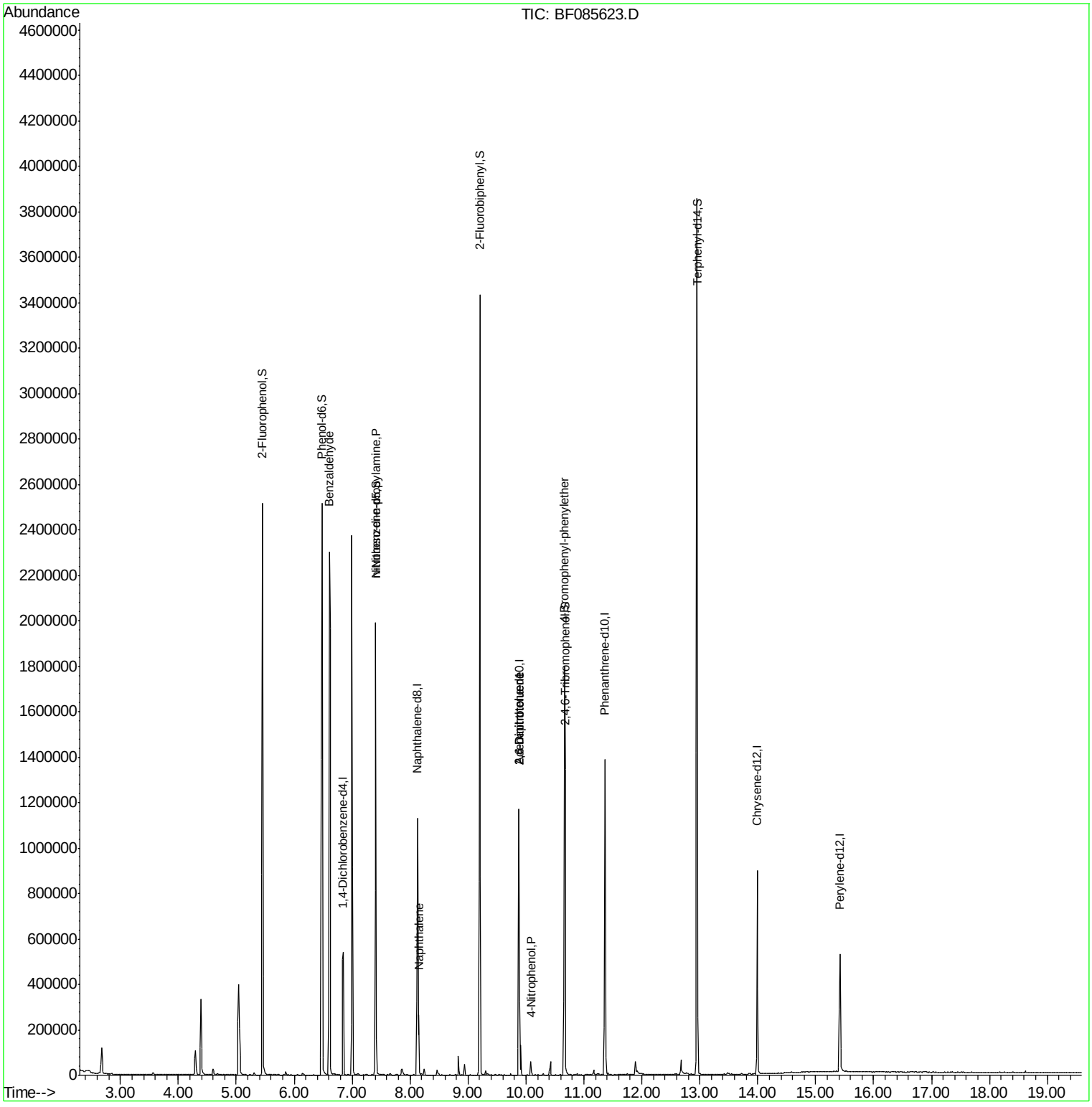
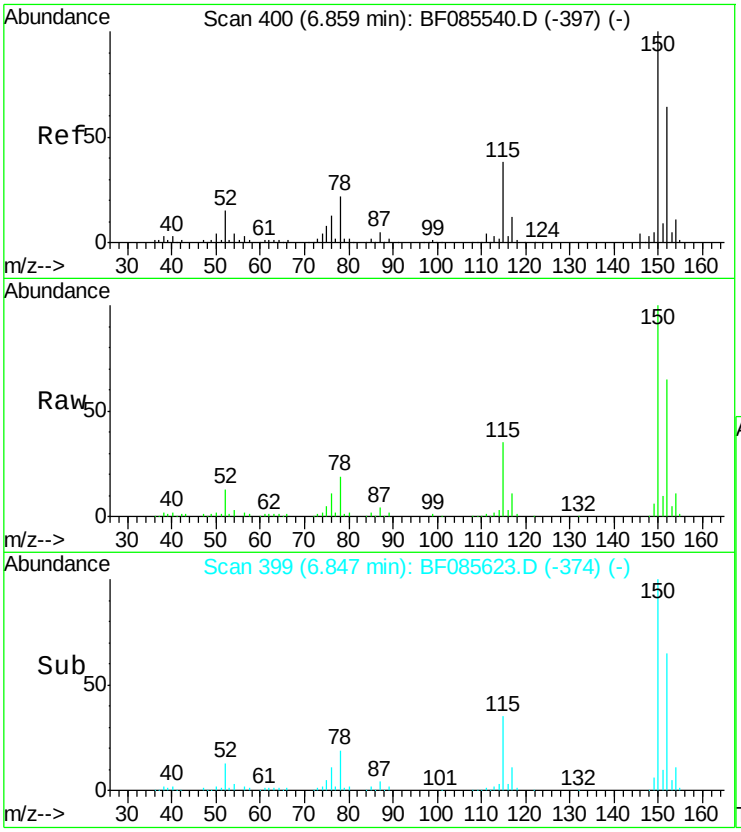
Quant Time: Mar 22 00:03:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration



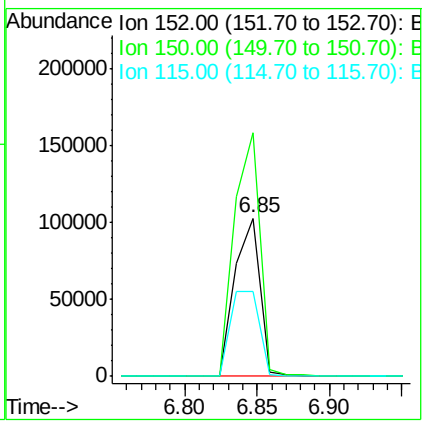


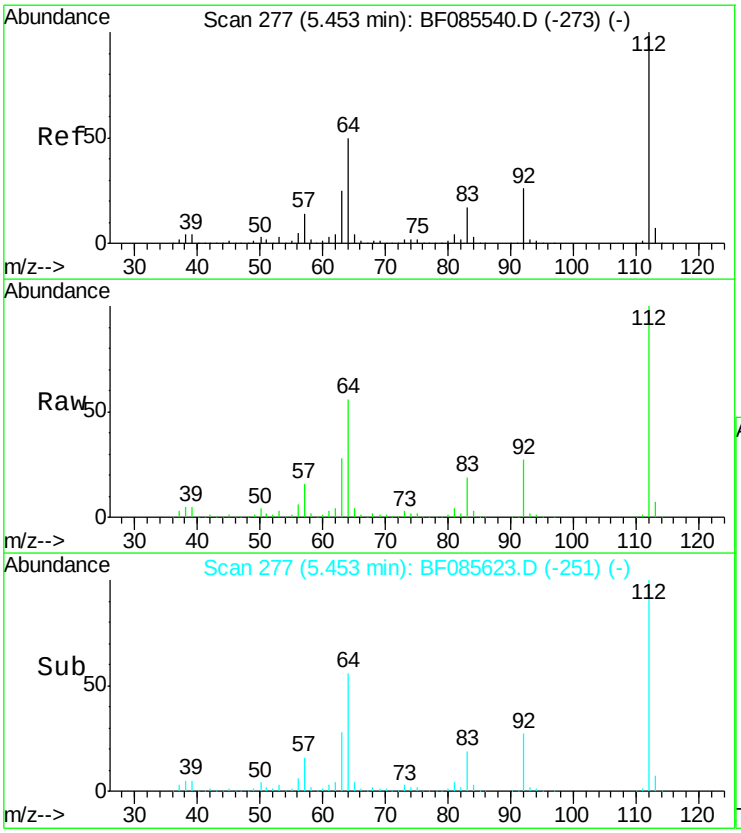
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9B

Tgt Ion:152 Resp: 123405

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.2	186.2
115	54.2	47.0	70.6

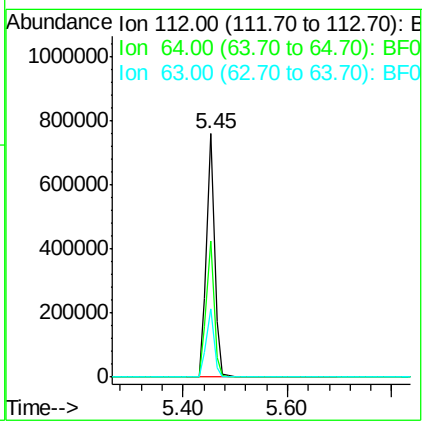


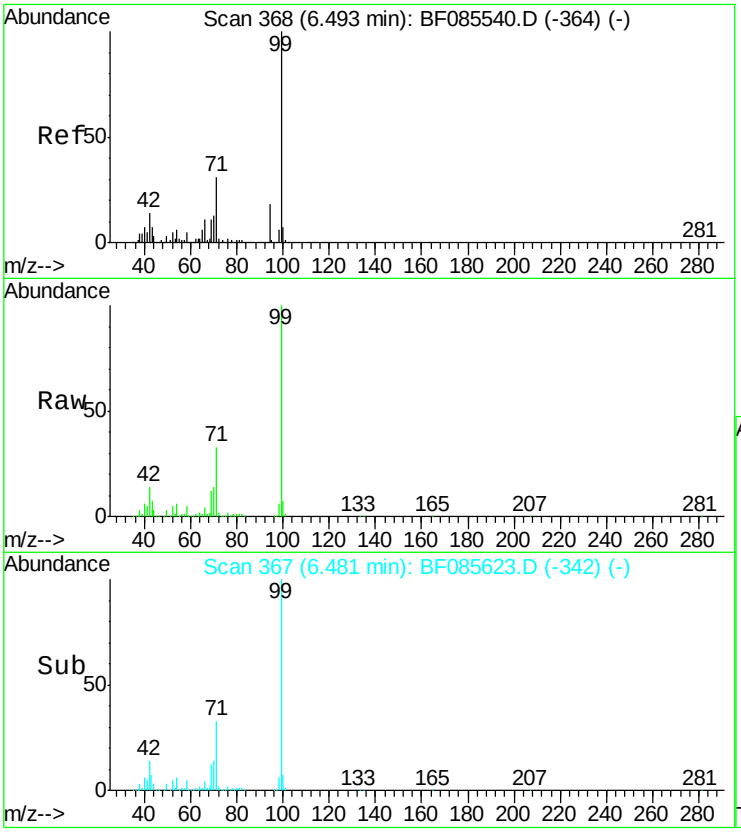


#5
2-Fluorophenol
Concen: 112.78 ng
RT: 5.45 min Scan# 277
Delta R.T. 0.00 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Tgt Ion:112 Resp: 828593

Ion	Ratio	Lower	Upper
112	100		
64	55.9	39.9	59.9
63	28.0	20.2	30.2



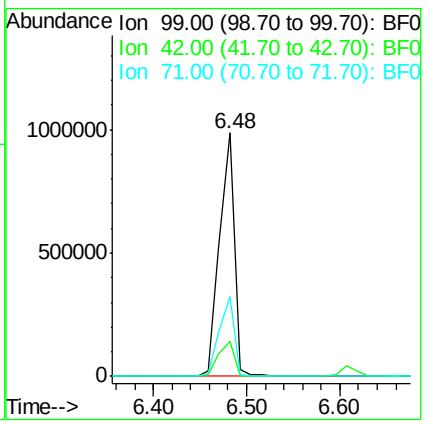


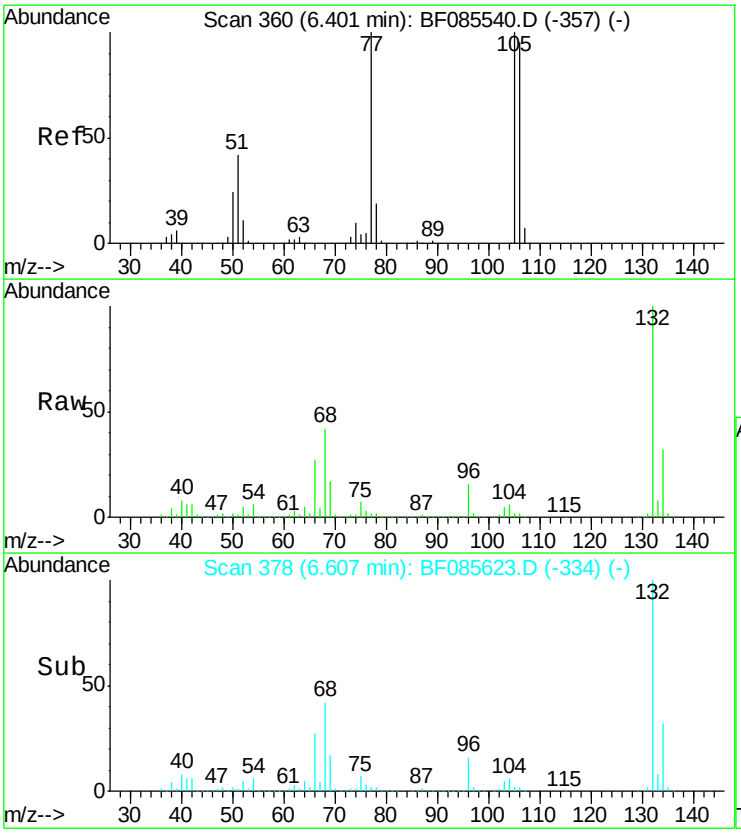
#7
Phenol-d6
Concen: 115.72 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9B

Tgt Ion: 99 Resp: 1090468

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.1	16.7
71	32.5	24.9	37.3

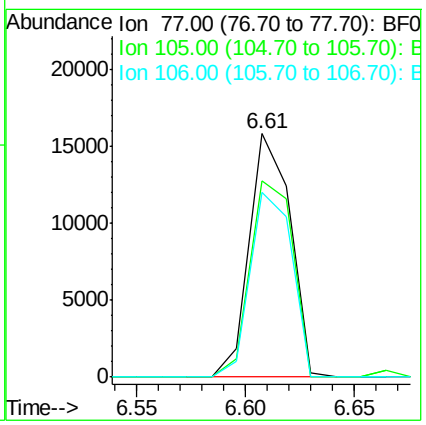


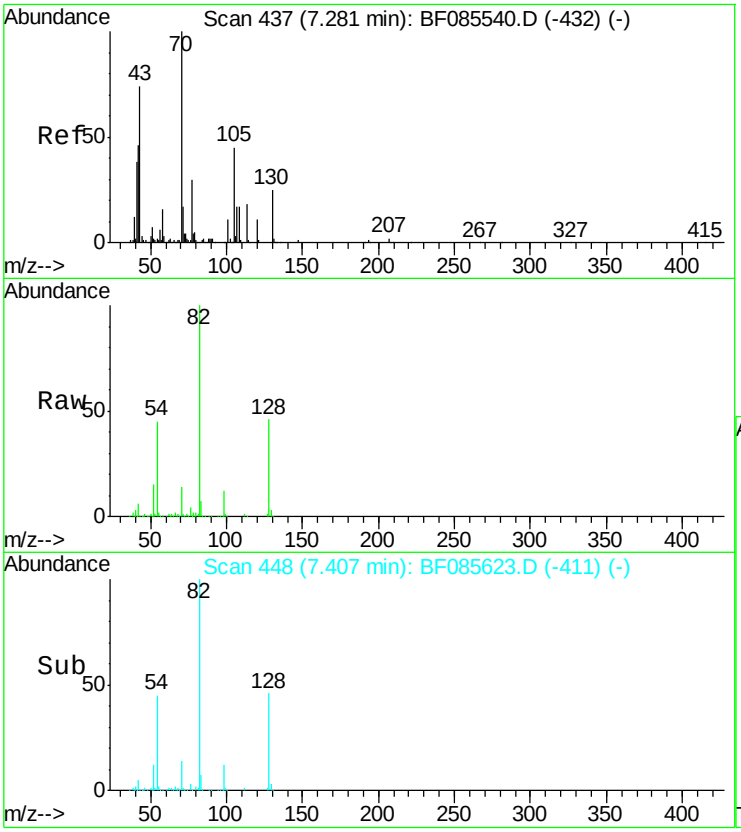


#9
Benzaldehyde
Concen: 2.49 ng
RT: 6.61 min Scan# 378
Delta R.T. 0.21 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Tgt Ion: 77 Resp: 20859

Ion	Ratio	Lower	Upper
77	100		
105	80.6	80.1	120.1
106	75.9	75.0	115.0



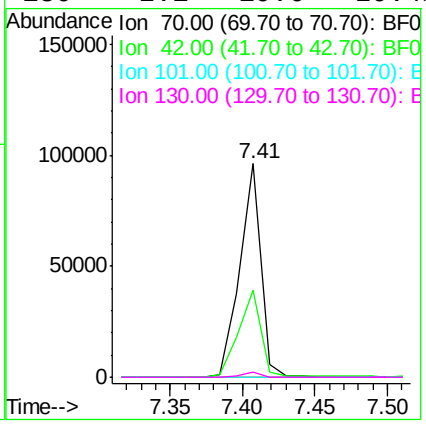


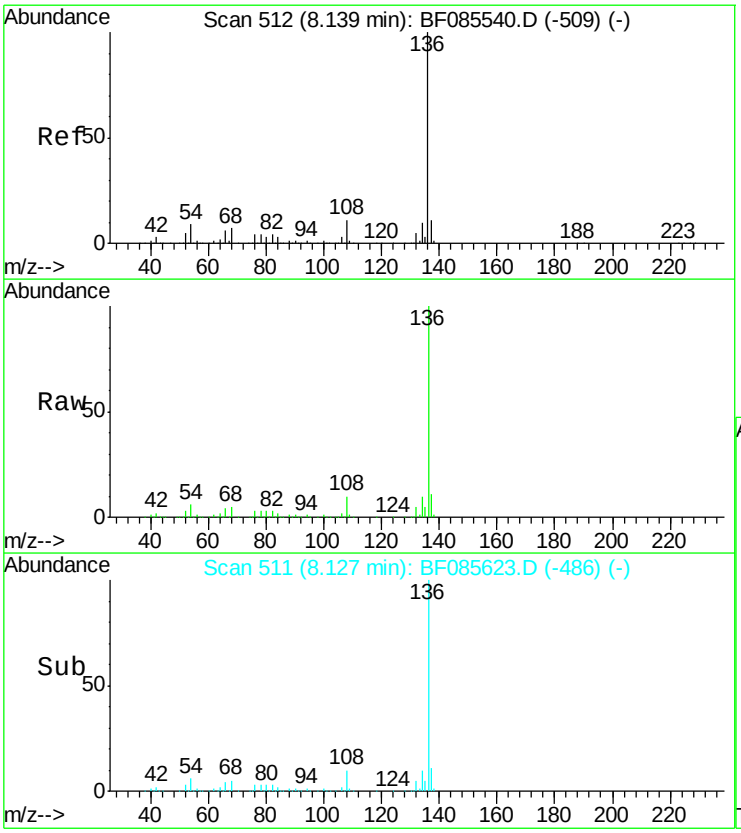
#19
n-Nitroso-di-n-propylamine
Concen: 17.31 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.13 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9B

Tgt Ion: 70 Resp: 97447

Ion	Ratio	Lower	Upper
70	100		
42	40.9	37.1	55.7
101	0.0	8.6	12.8#
130	2.1	19.6	29.4#

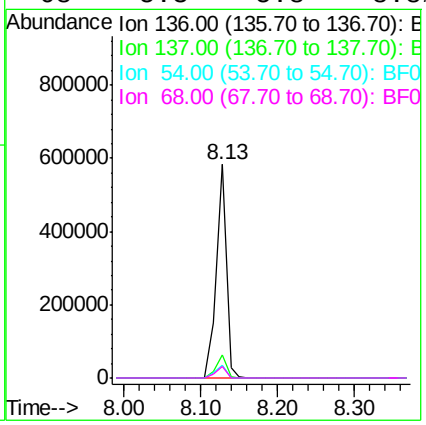


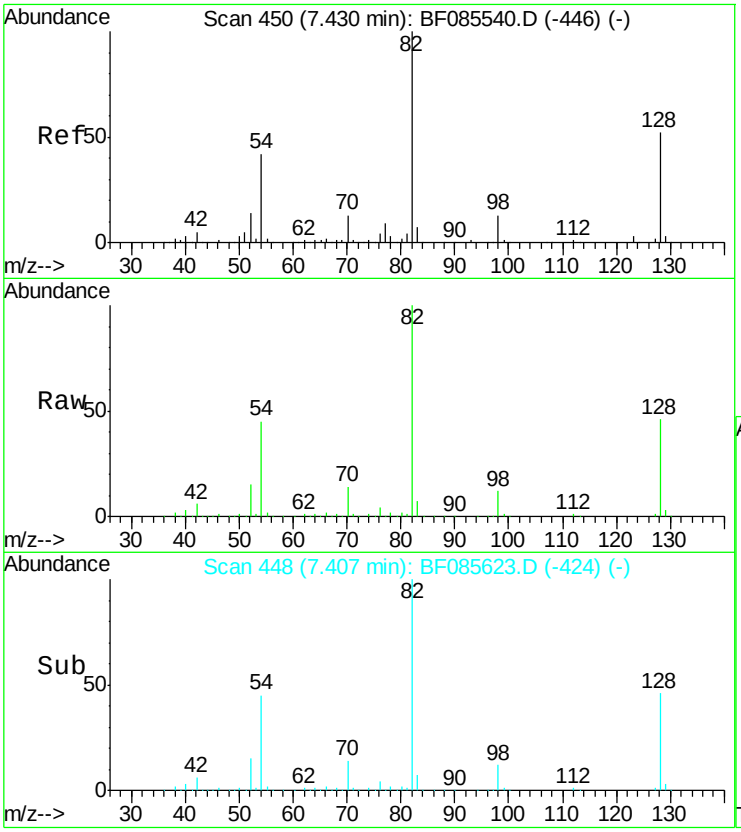


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Tgt Ion:136 Resp: 528911

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.1	7.4	11.0#
68	5.3	5.8	8.8#



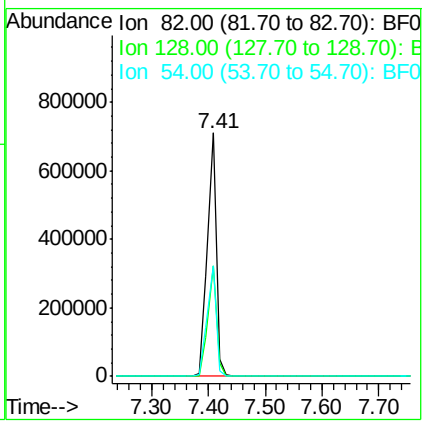


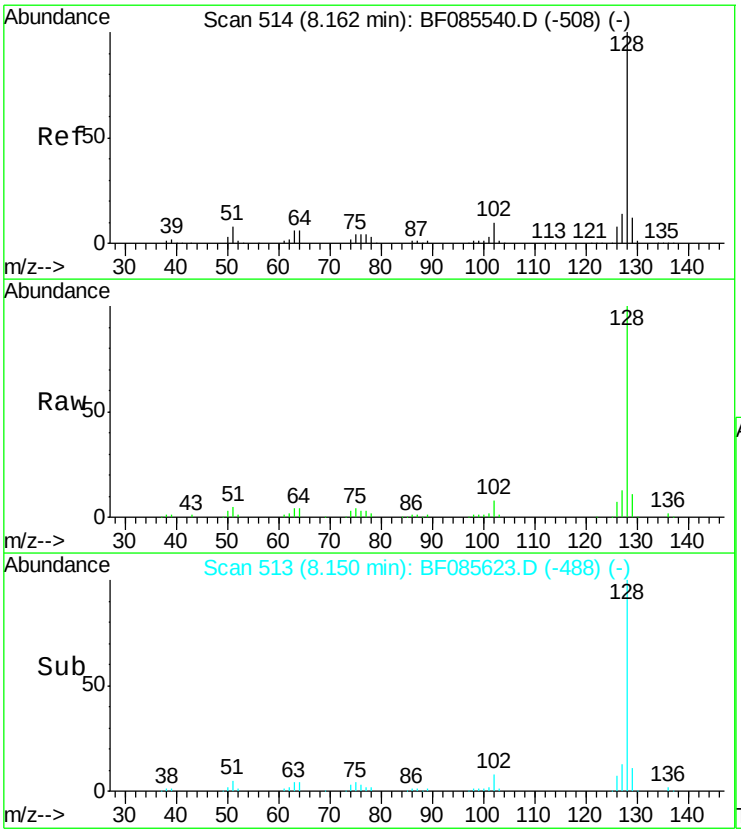
#23
Nitrobenzene-d5
Concen: 81.26 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9B

Tgt Ion: 82 Resp: 740413

Ion	Ratio	Lower	Upper
82	100		
128	45.6	41.8	62.8
54	45.3	33.4	50.0

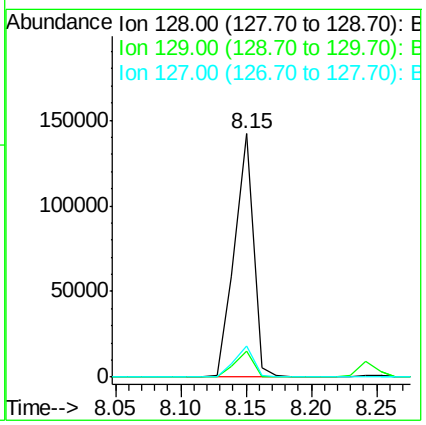


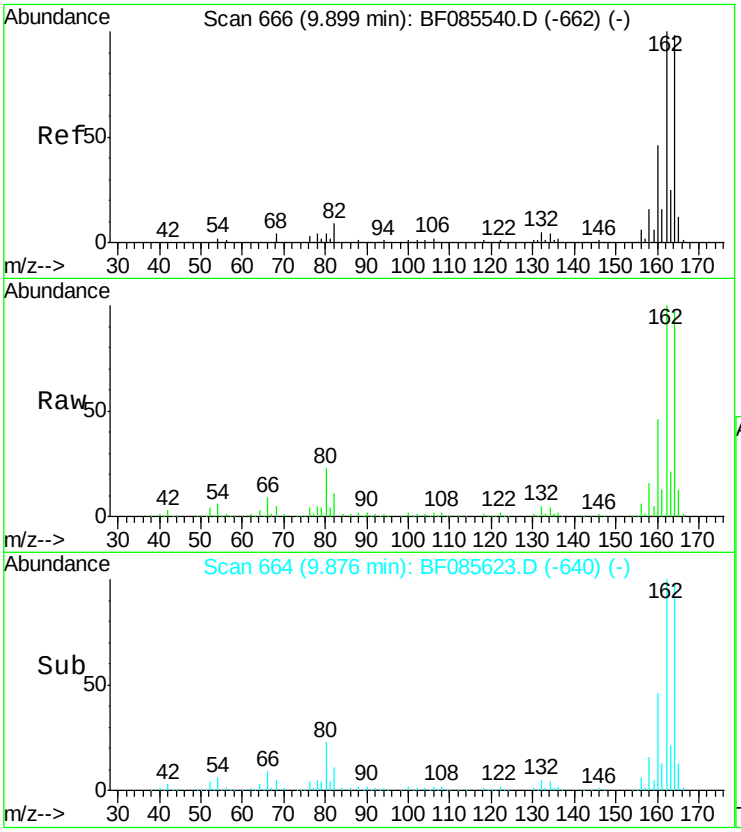


#31
Naphthalene
Concen: 5.35 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Tgt Ion:128 Resp: 142871

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	12.7	11.0	16.6



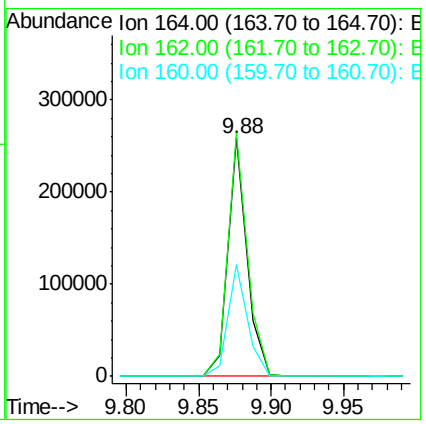


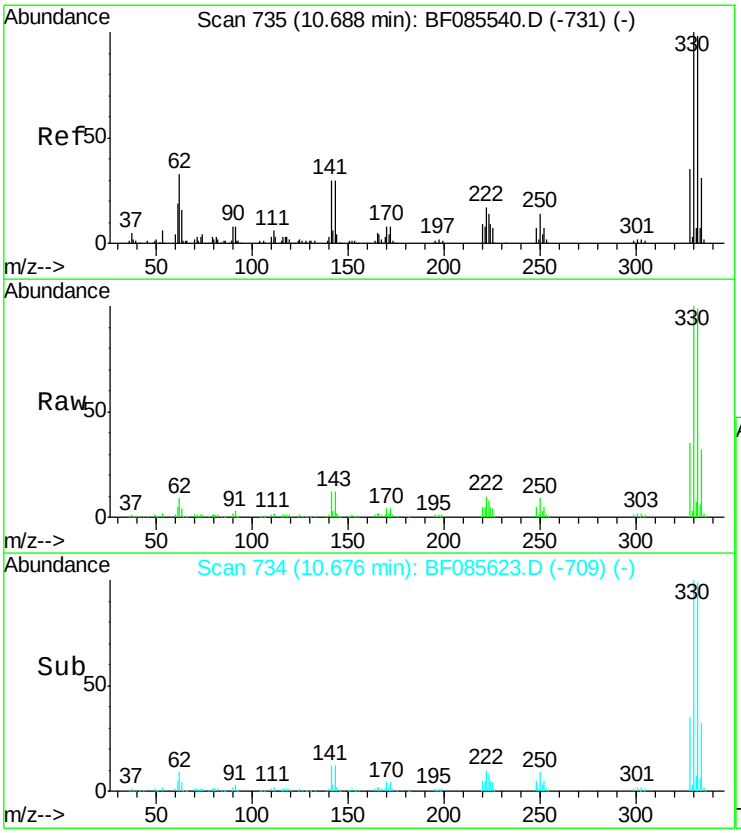
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9B

Tgt Ion:164 Resp: 235382

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.1	123.1
160	47.0	37.4	56.2

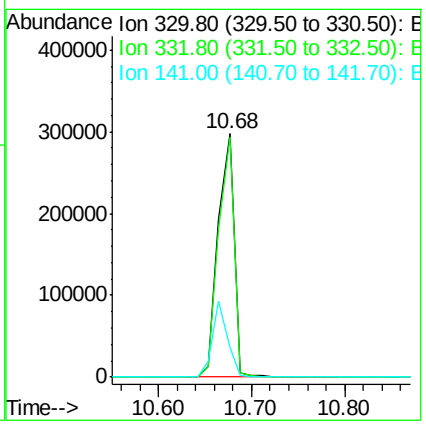


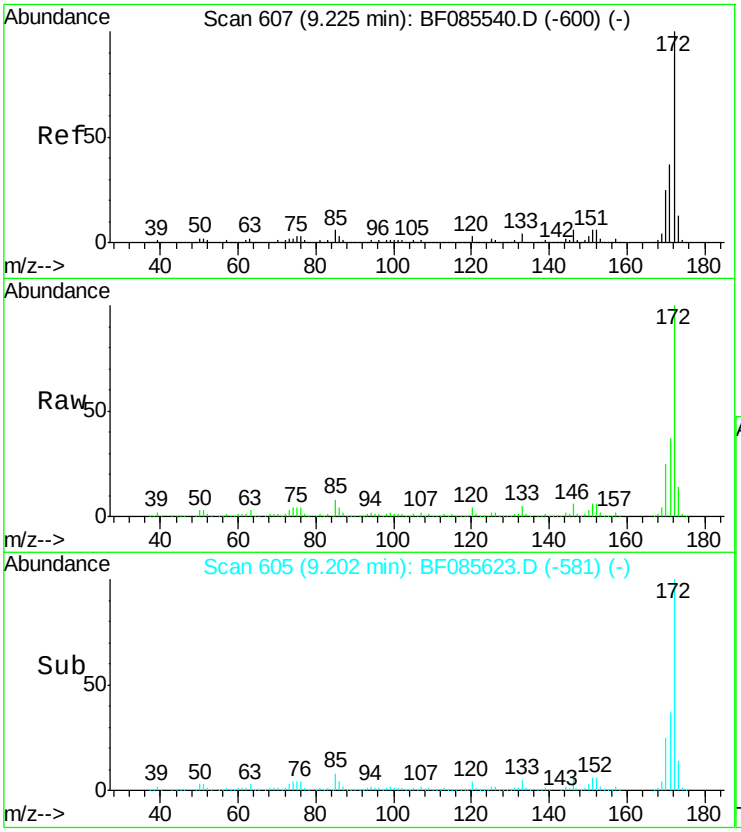


#41
2,4,6-Tribromophenol
Concen: 153.87 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Tgt Ion:330 Resp: 354775

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	29.7	31.5	47.3#



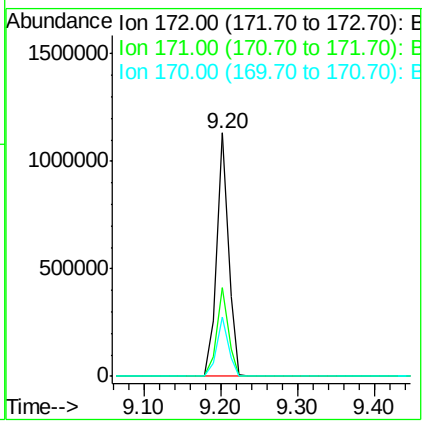


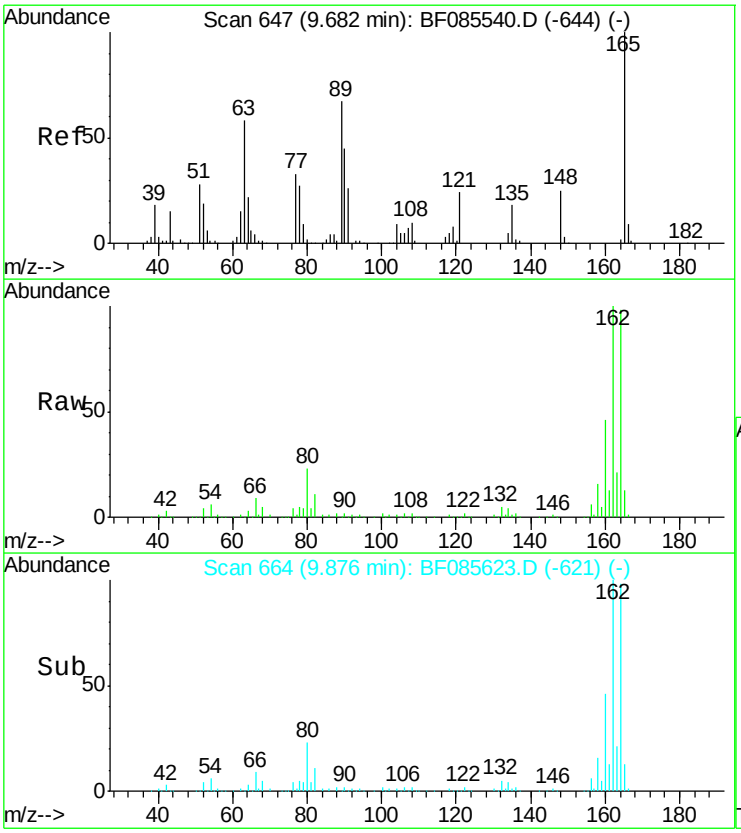
#44
2-Fluorobiphenyl
Concen: 90.22 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9B

Tgt Ion:172 Resp: 1225749

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.6	19.8	29.6

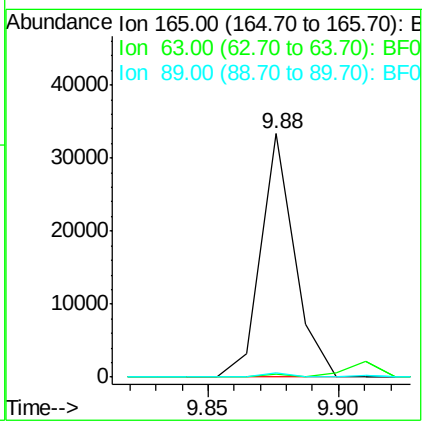


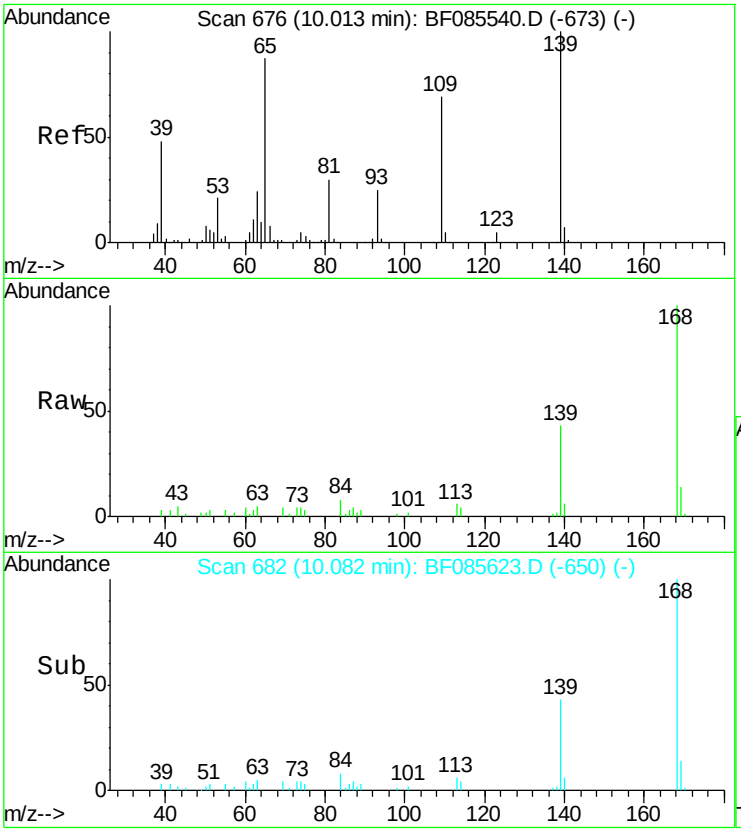


#50
2,6-Dinitrotoluene
Concen: 8.03 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.19 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Tgt Ion:165 Resp: 30103

Ion	Ratio	Lower	Upper
165	100		
63	1.3	51.8	77.8#
89	1.5	53.7	80.5#



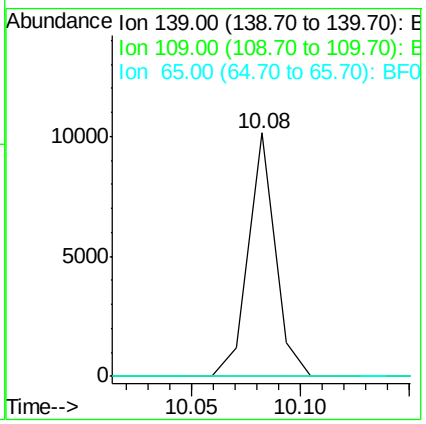


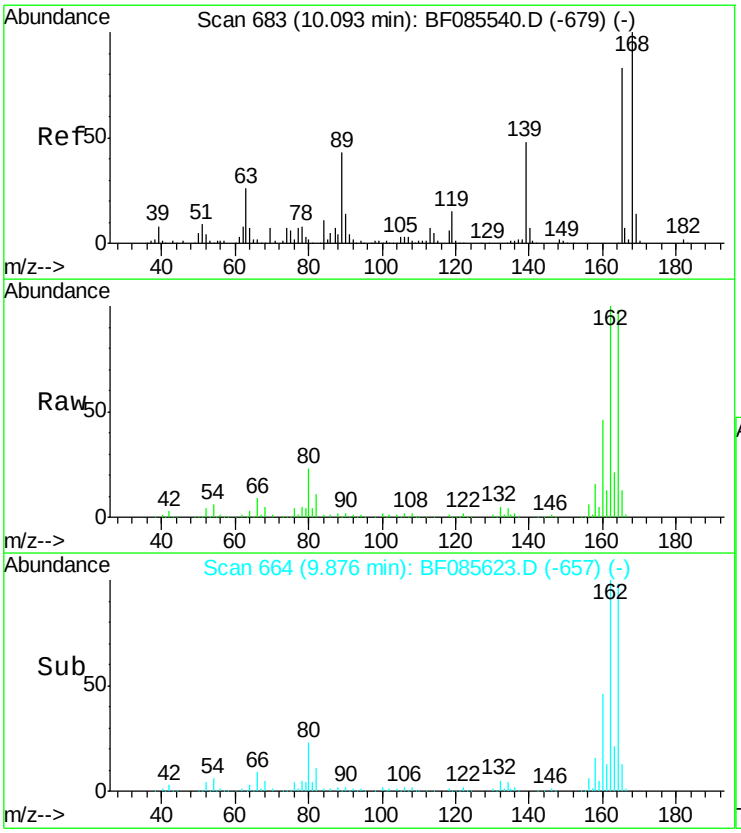
#55
4-Nitrophenol
Concen: 2.41 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.07 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9B

Tgt Ion:139 Resp: 8731

Ion	Ratio	Lower	Upper
139	100		
109	0.0	49.2	89.2#
65	0.0	66.9	106.9#

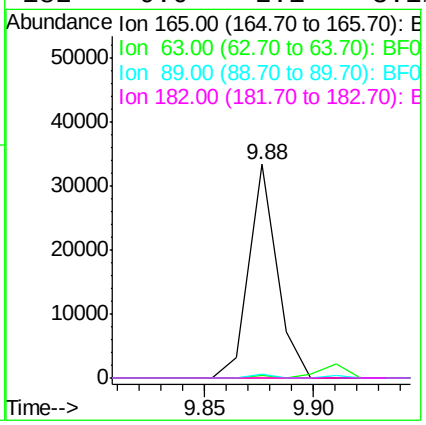


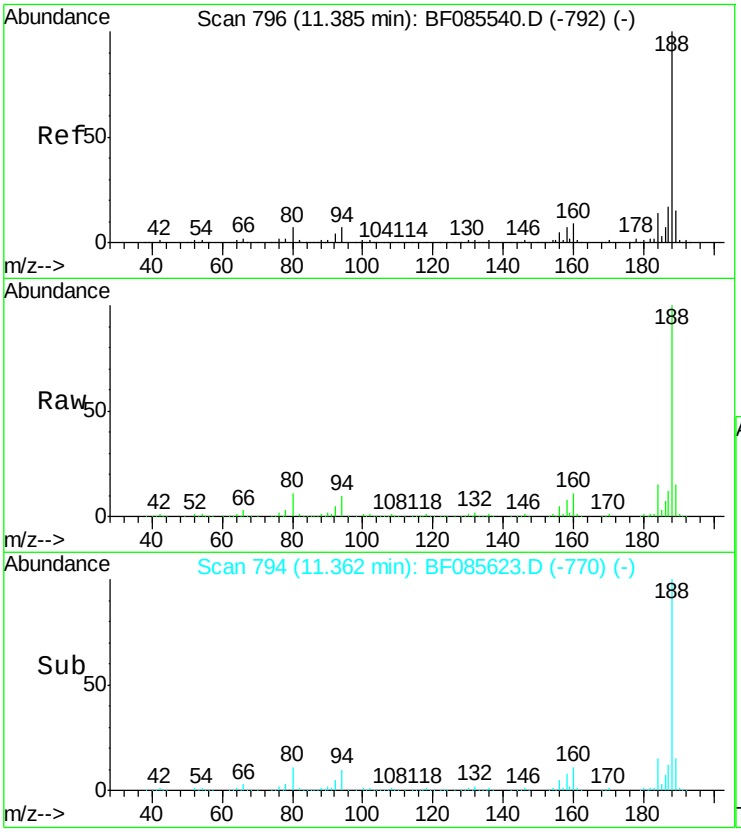


#56
2,4-Dinitrotoluene
Concen: 6.13 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.22 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Tgt Ion:165 Resp: 30097

Ion	Ratio	Lower	Upper
165	100		
63	1.3	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#



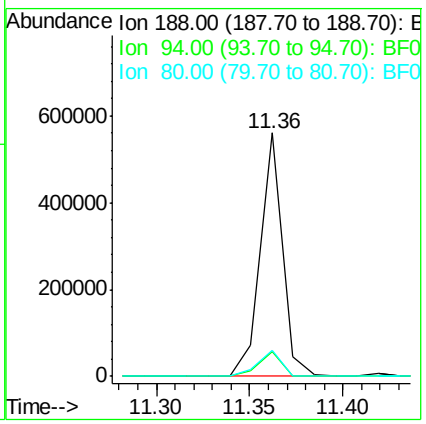


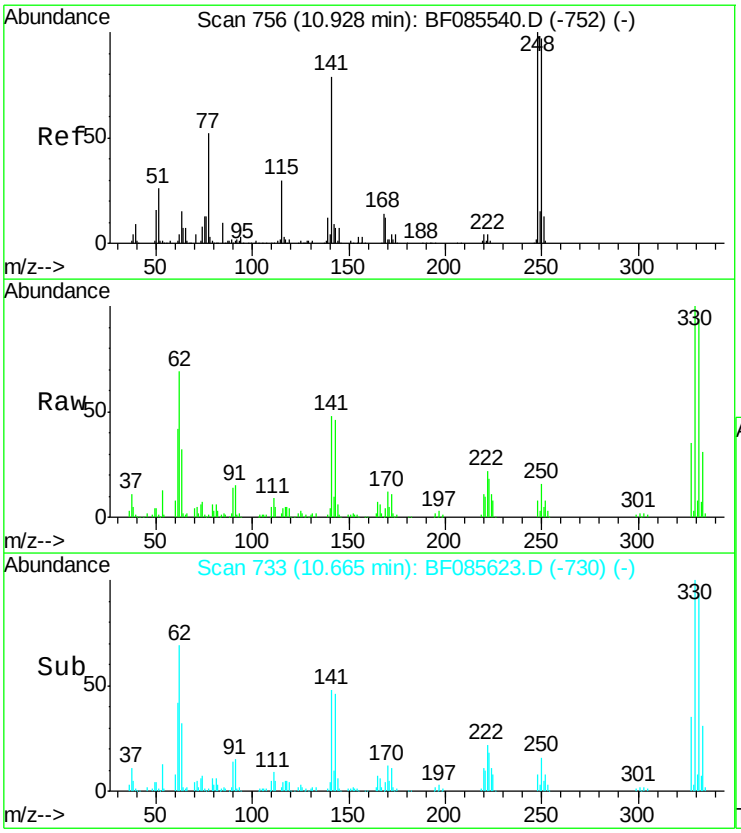
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9B

Tgt Ion:188 Resp: 467602

Ion	Ratio	Lower	Upper
188	100		
94	9.9	5.4	8.0#
80	10.6	5.5	8.3#

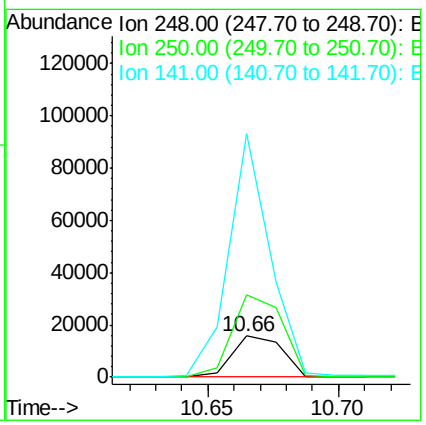


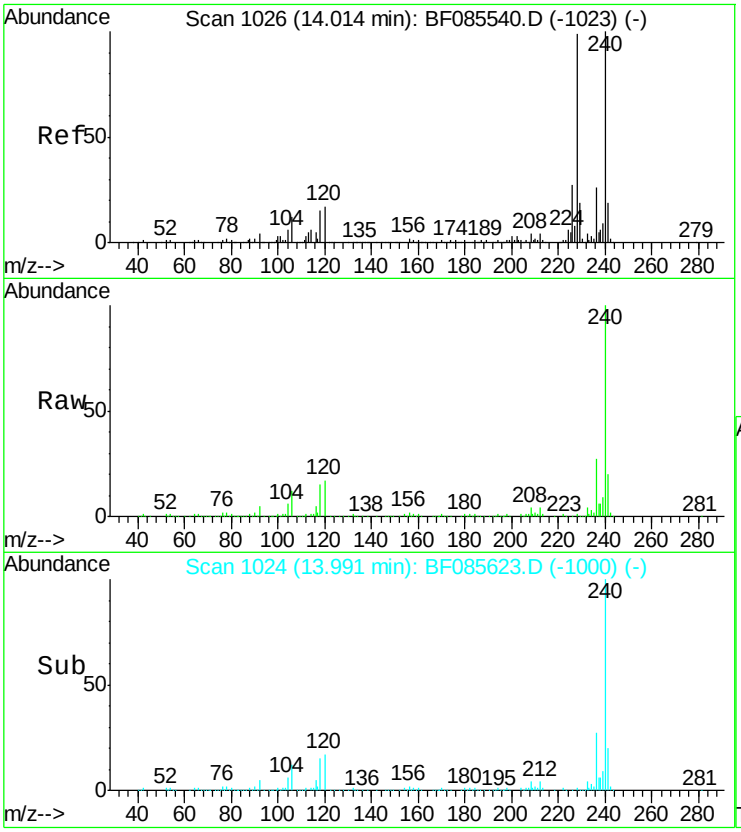


#66
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Tgt Ion:248 Resp: 21136

Ion	Ratio	Lower	Upper
248	100		
250	200.3	77.4	116.0#
141	595.8	63.6	95.4#



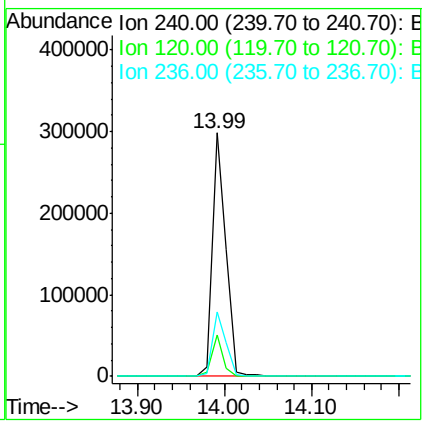


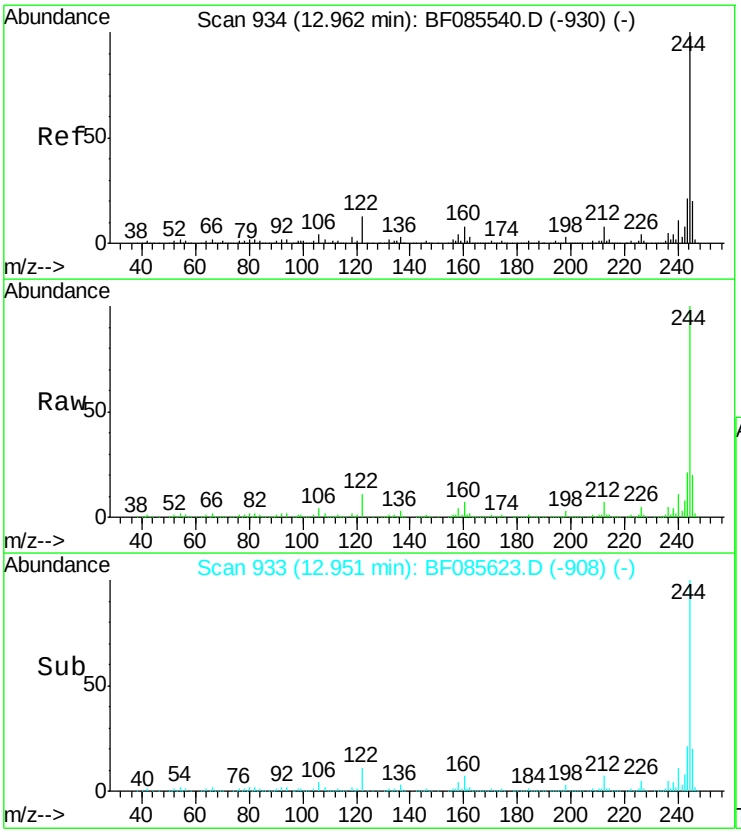
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9B

Tgt Ion:240 Resp: 329414

Ion	Ratio	Lower	Upper
240	100		
120	17.2	13.8	20.8
236	26.5	20.6	30.8

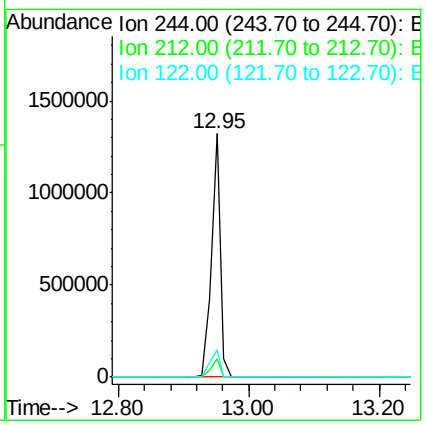


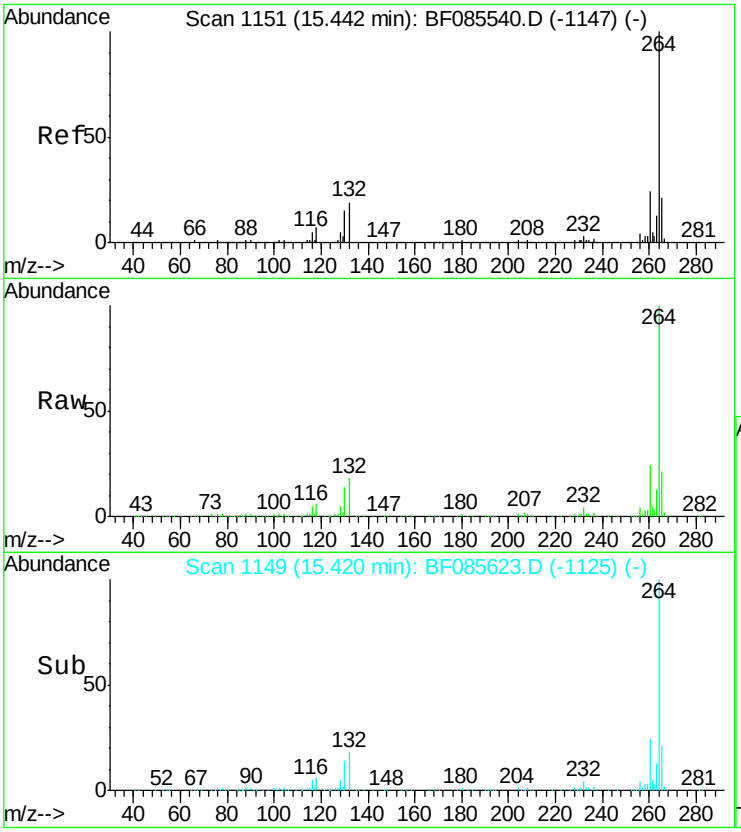


#78
Terphenyl-d14
Concen: 93.42 ng
RT: 12.95 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Tgt Ion:244 Resp: 1278841

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.3	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: BF085623.D
Acq: 21 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9B

Tgt Ion:264 Resp: 233258

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.2	17.2	25.8