Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085628.D
Acq On : 21 Mar 2016 18:06
Operator : UM/SJ
Sample : H1816-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 22 00:08:28 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	118626	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	507229	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	227723	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	450813	20.00	ng		-0.02
75) Chrysene-d12	13.99	240	297043	20.00	ng		-0.02
86) Perylene-d12	15.42	264	210061	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	855472	121.13	ng		0.00
7) Phenol-d6	6.48	99	1122763	123.95	ng		-0.01
23) Nitrobenzene-d5	7.41	82	742858	85.01	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	326653	146.44	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1205455	92.28	ng		-0.02
78) Terphenyl-d14	12.95	244	1284327	104.04	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	19659	2.41	ng		81
15) Benzyl Alcohol	7.00	79	12461	2.01	ng	#	47
19) n-Nitroso-di-n-propylamine	7.41	70	97822	18.08	ng	#	77
31) Naphthalene	8.15	128	387392	15.13	ng		97
37) 2-Methylnaphthalene	8.84	142	37348	2.39	ng		98
50) 2,6-Dinitrotoluene	9.88	165	29318	8.08	ng	#	19
56) 2,4-Dinitrotoluene	9.88	165	29319	6.17	ng	#	37
66) 4-Bromophenyl-phenylether	10.66	248	20038	4.45	ng	#	1
76) Benzidine	12.70	184	49421	4.95	ng		98

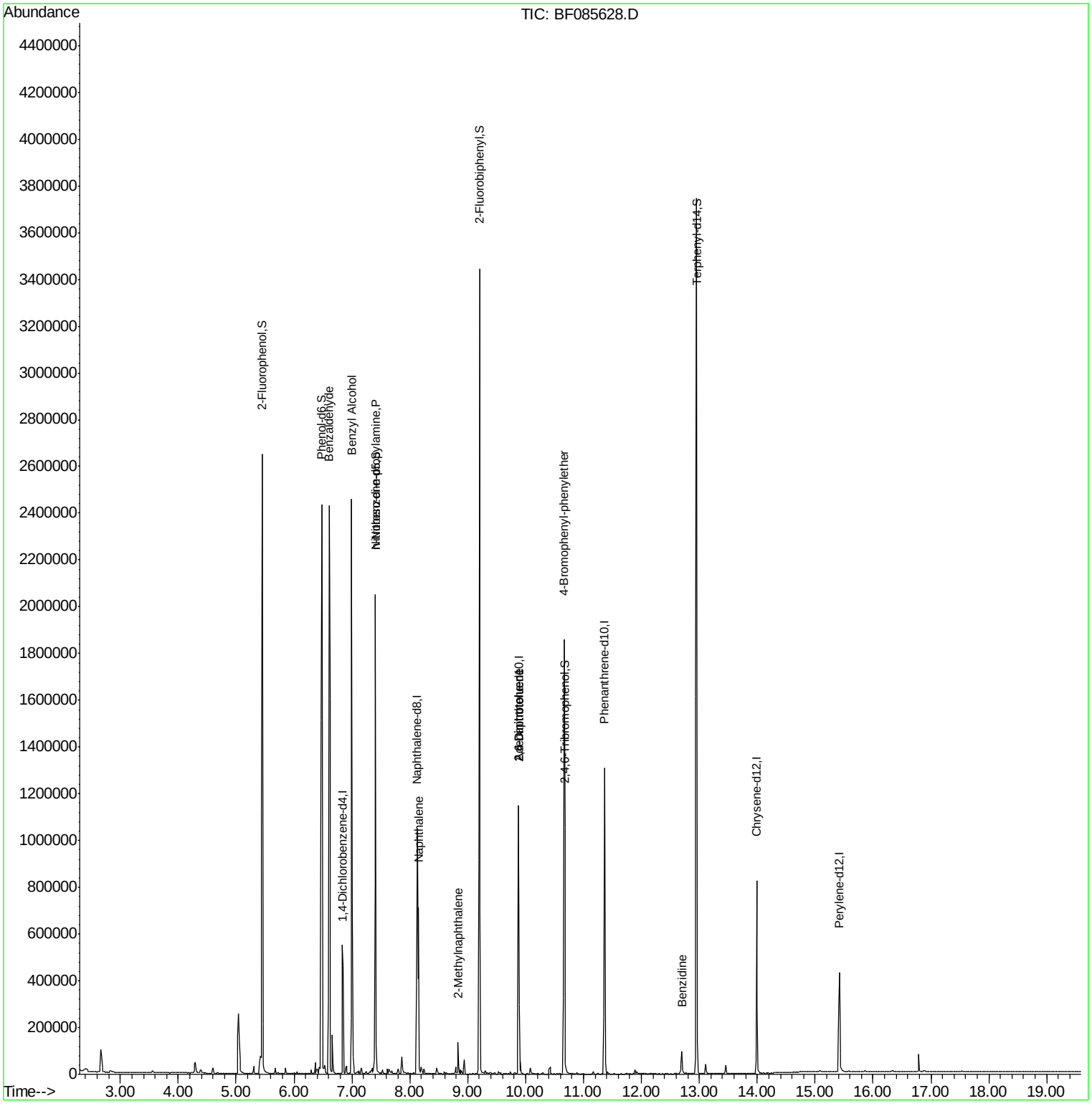
(#) = qualifier out of range (m) = manual integration (+) = signals summed

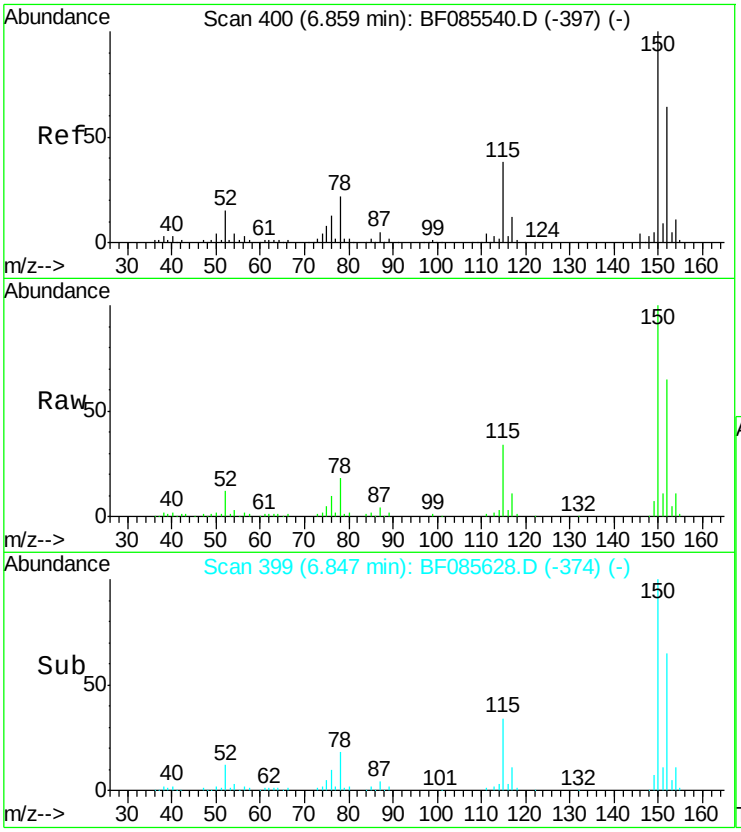
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085628.D
Acq On : 21 Mar 2016 18:06
Operator : UM/SJ
Sample : H1816-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 22 00:08:28 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



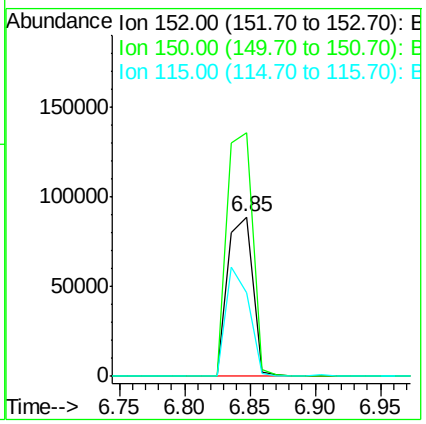


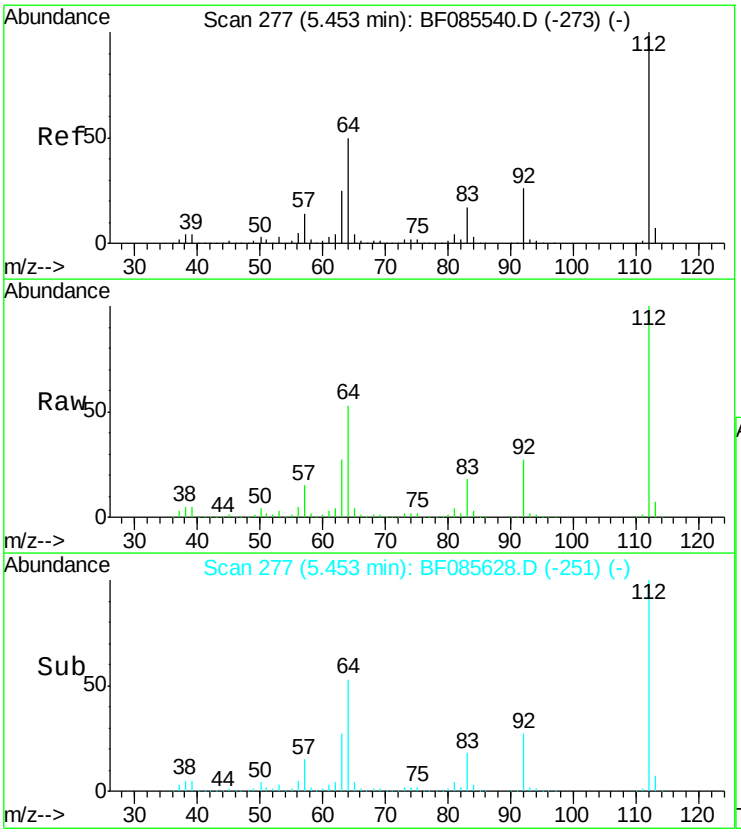
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

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

Tgt Ion:152 Resp: 118626

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.2	186.2
115	52.2	47.0	70.6

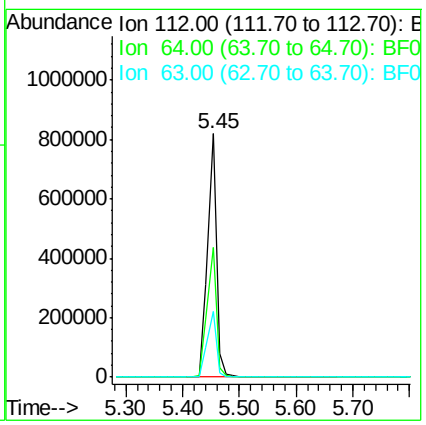


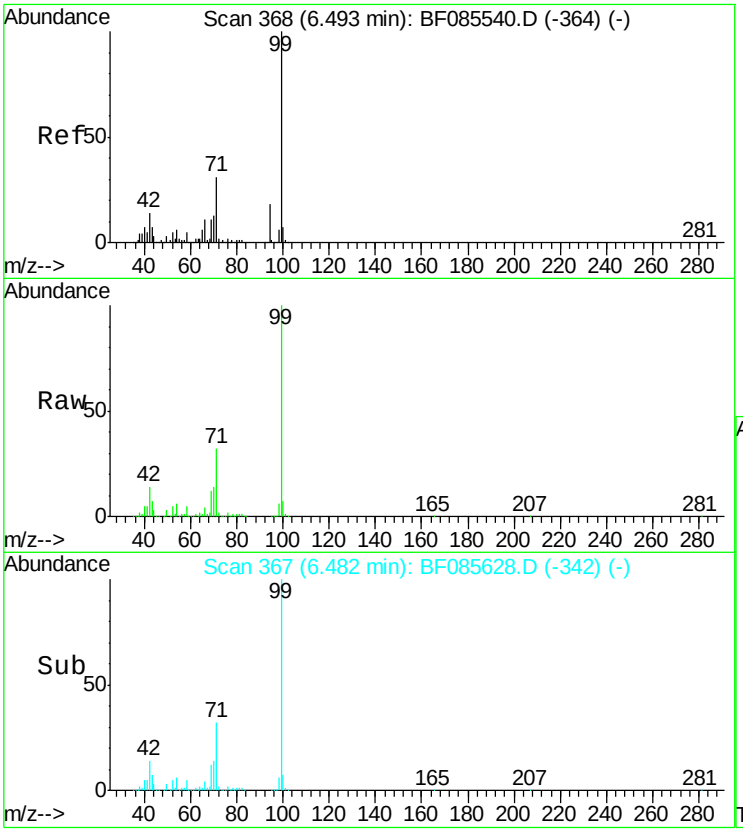


#5
2-Fluorophenol
Concen: 121.13 ng
RT: 5.45 min Scan# 277
Delta R.T. 0.00 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

Tgt Ion:112 Resp: 855472

Ion	Ratio	Lower	Upper
112	100		
64	53.2	39.9	59.9
63	26.8	20.2	30.2



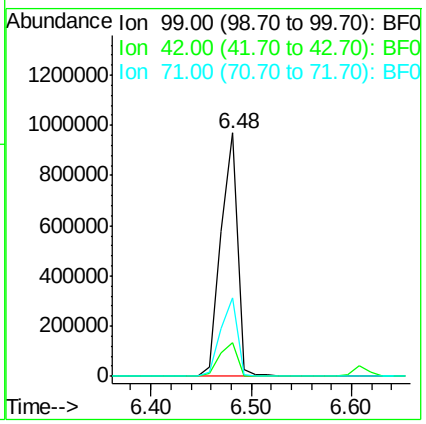


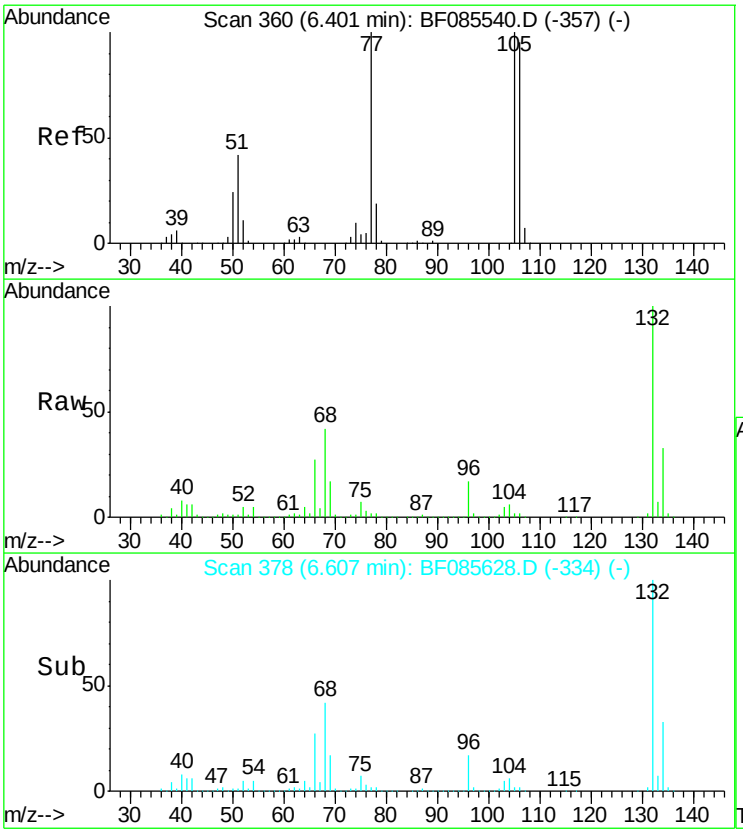
#7
Phenol-d6
Concen: 123.95 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

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

Tgt Ion: 99 Resp: 1122763

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.1	16.7
71	32.2	24.9	37.3

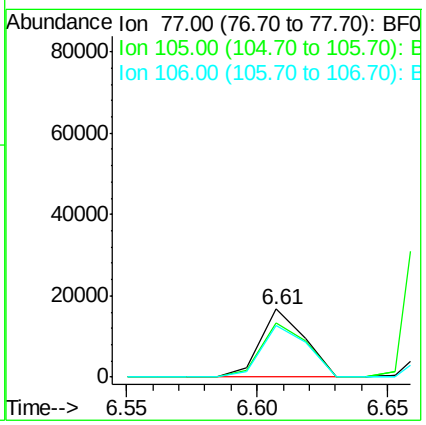


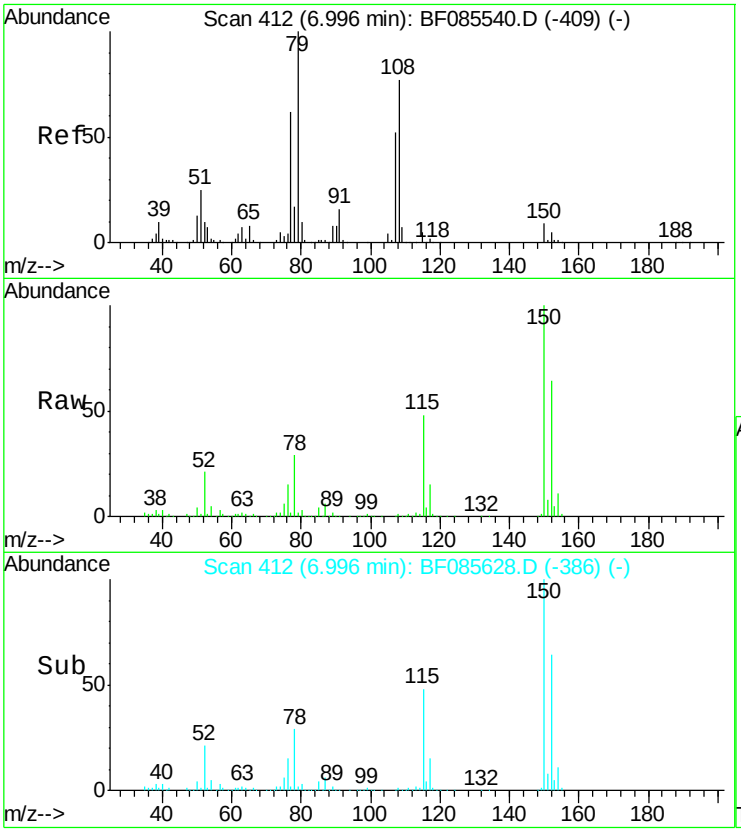


#9
Benzaldehyde
Concen: 2.41 ng
RT: 6.61 min Scan# 378
Delta R.T. 0.21 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

Tgt Ion: 77 Resp: 19659

Ion	Ratio	Lower	Upper
77	100		
105	80.9	80.1	120.1
106	75.8	75.0	115.0



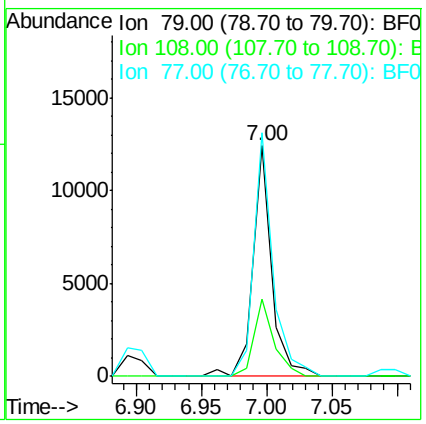


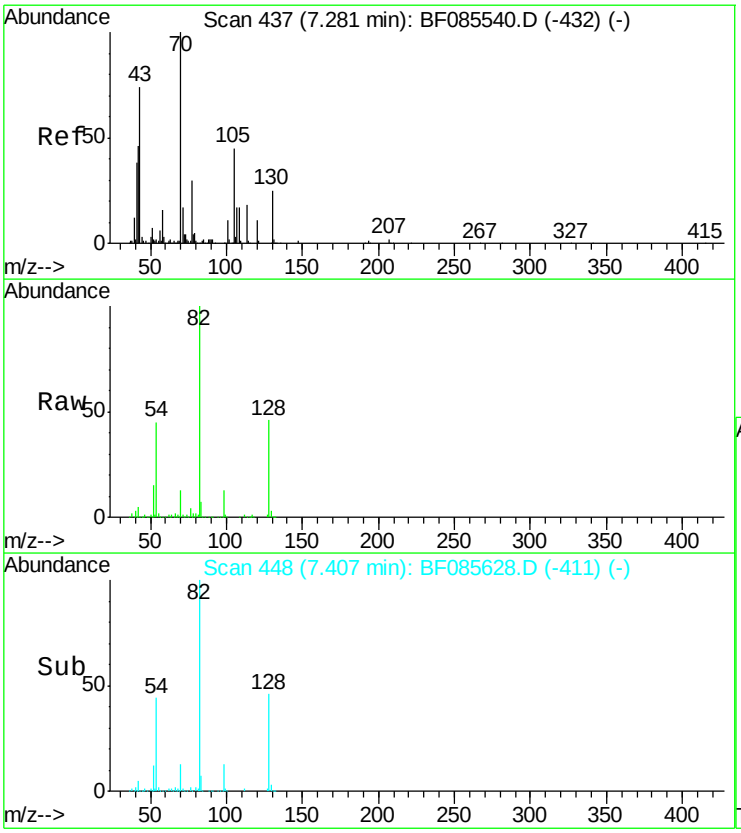
#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

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

Tgt Ion: 79 Resp: 12461

Ion	Ratio	Lower	Upper
79	100		
108	33.6	61.8	92.6#
77	105.6	49.6	74.4#

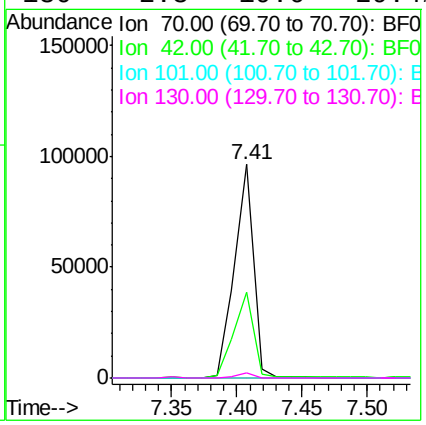


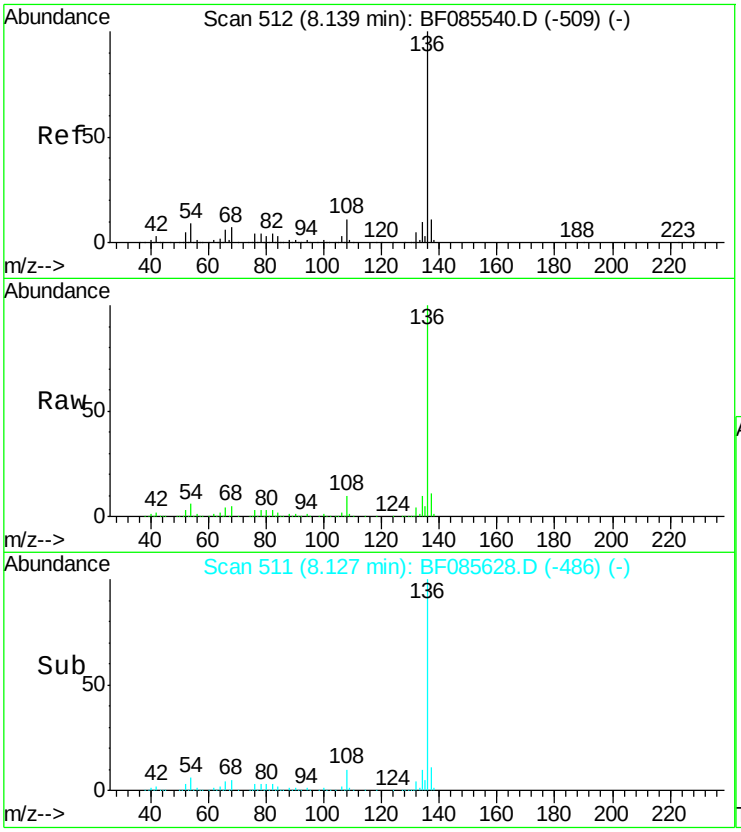


#19
n-Nitroso-di-n-propylamine
Concen: 18.08 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.13 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

Tgt Ion: 70 Resp: 97822

Ion	Ratio	Lower	Upper
70	100		
42	40.0	37.1	55.7
101	0.0	8.6	12.8#
130	2.3	19.6	29.4#



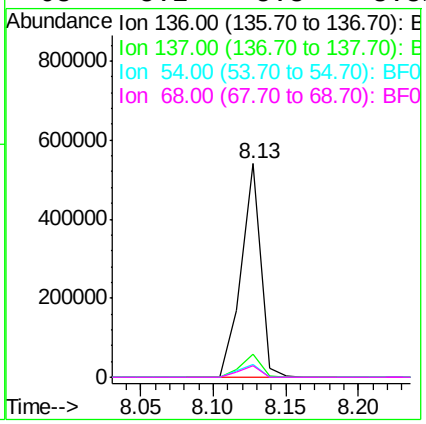


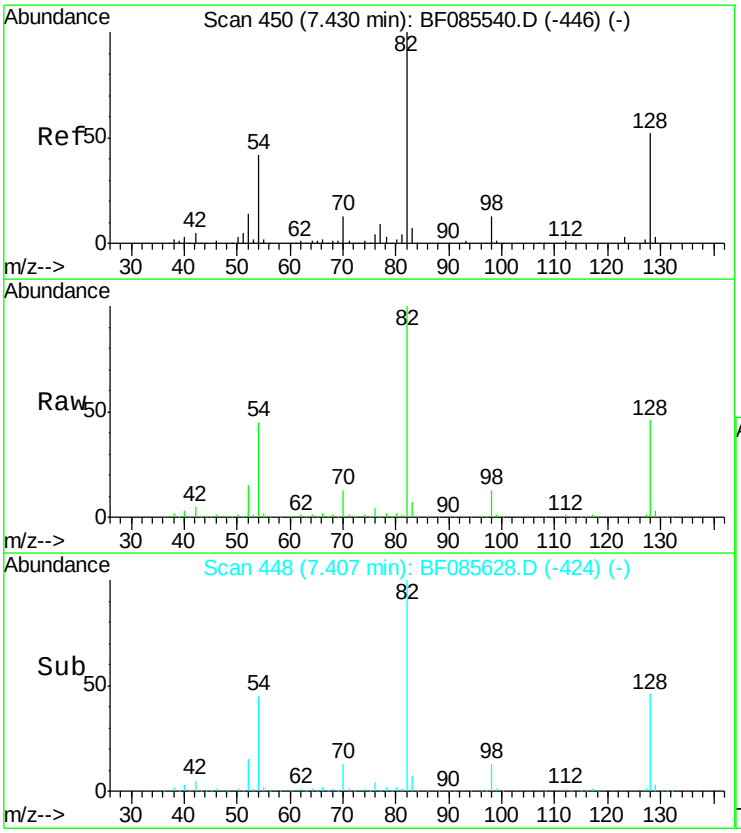
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

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

Tgt Ion:136 Resp: 507229

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.9	7.4	11.0#
68	5.2	5.8	8.8#

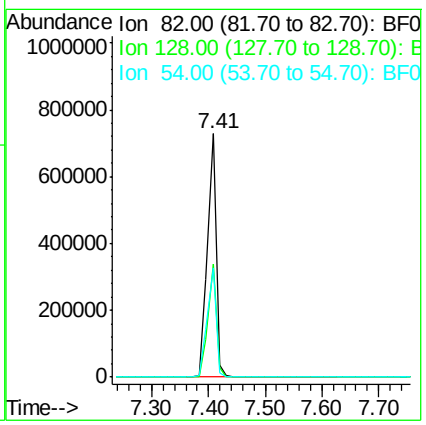


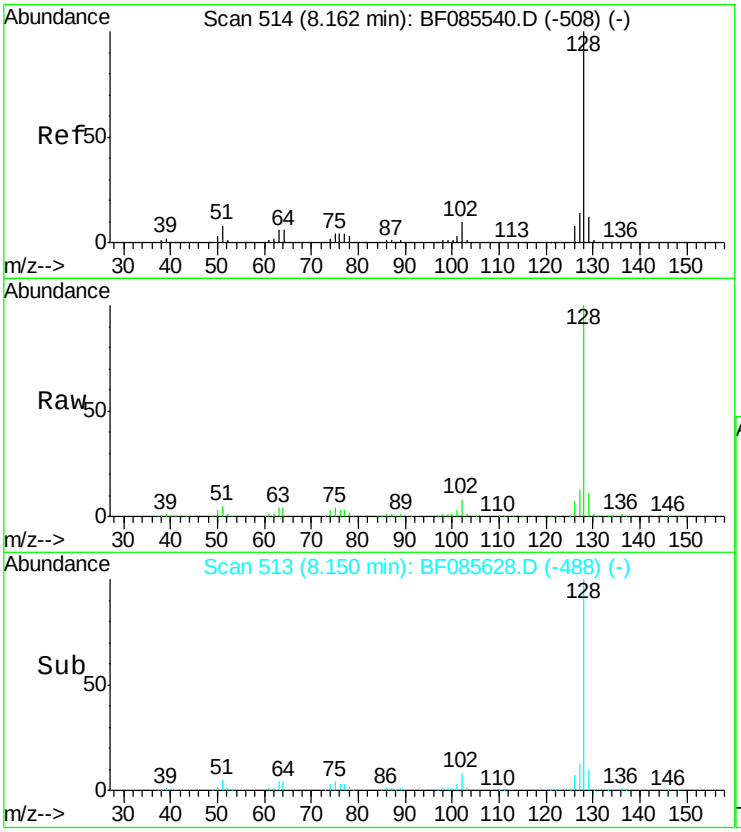


#23
Nitrobenzene-d5
Concen: 85.01 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

Tgt Ion: 82 Resp: 742858

Ion	Ratio	Lower	Upper
82	100		
128	46.2	41.8	62.8
54	45.0	33.4	50.0



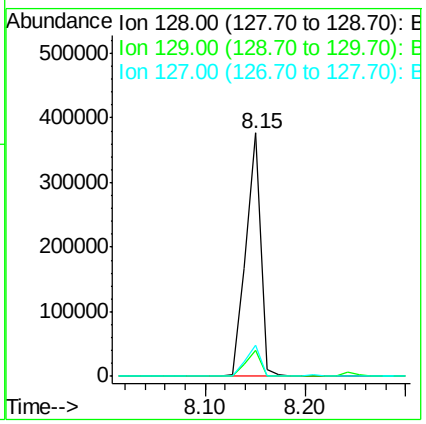


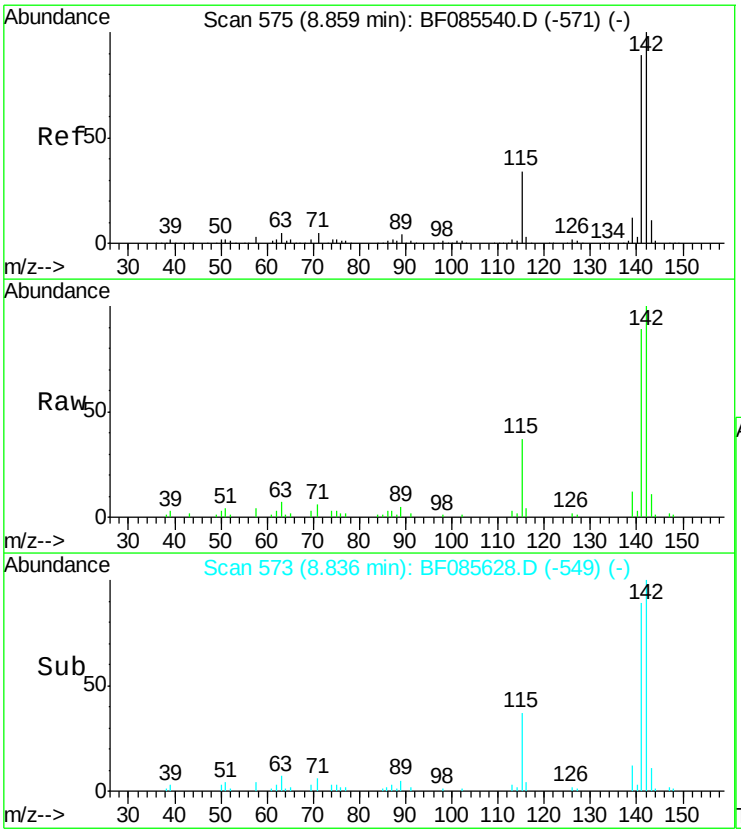
#31
Naphthalene
Concen: 15.13 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

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

Tgt Ion:128 Resp: 387392

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.0
127	12.7	11.0	16.6

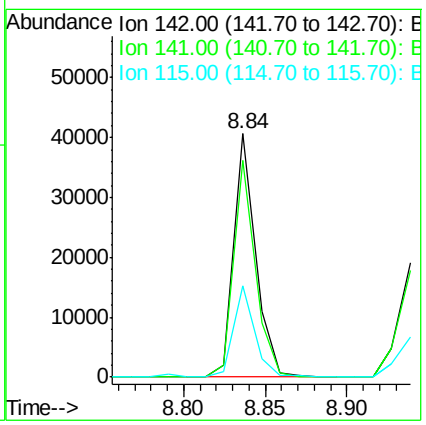


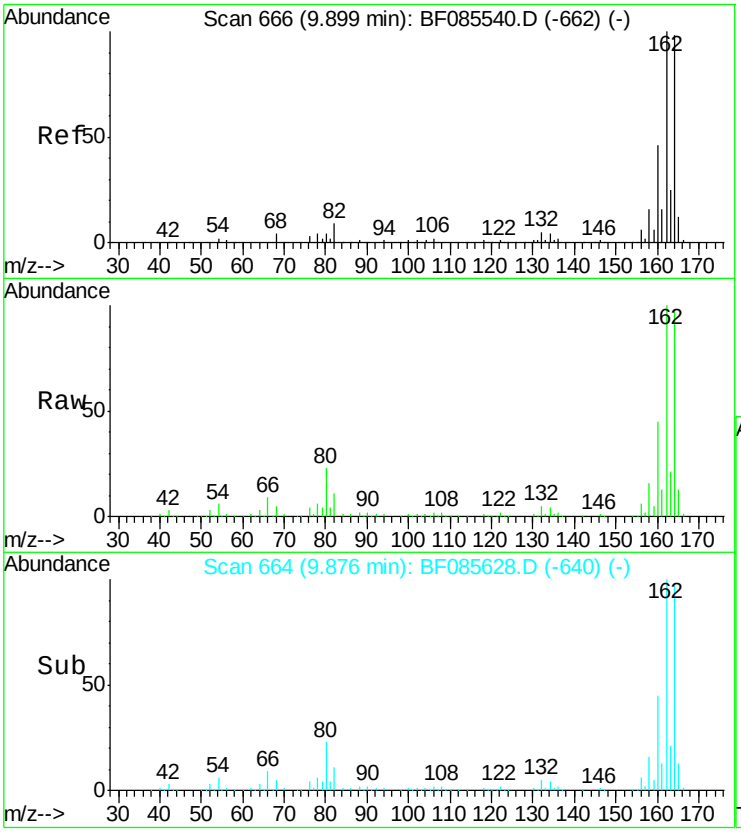


#37
2-Methylnaphthalene
Concen: 2.39 ng
RT: 8.84 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

Tgt Ion:142 Resp: 37348

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.6	107.4
115	37.5	26.8	40.2



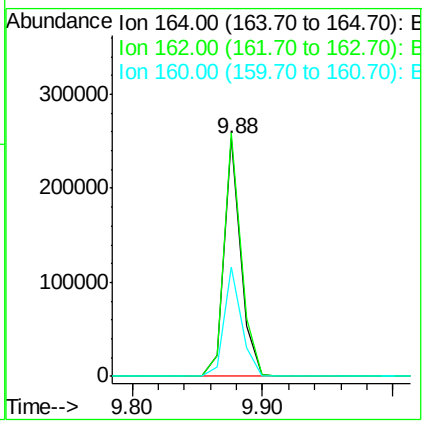


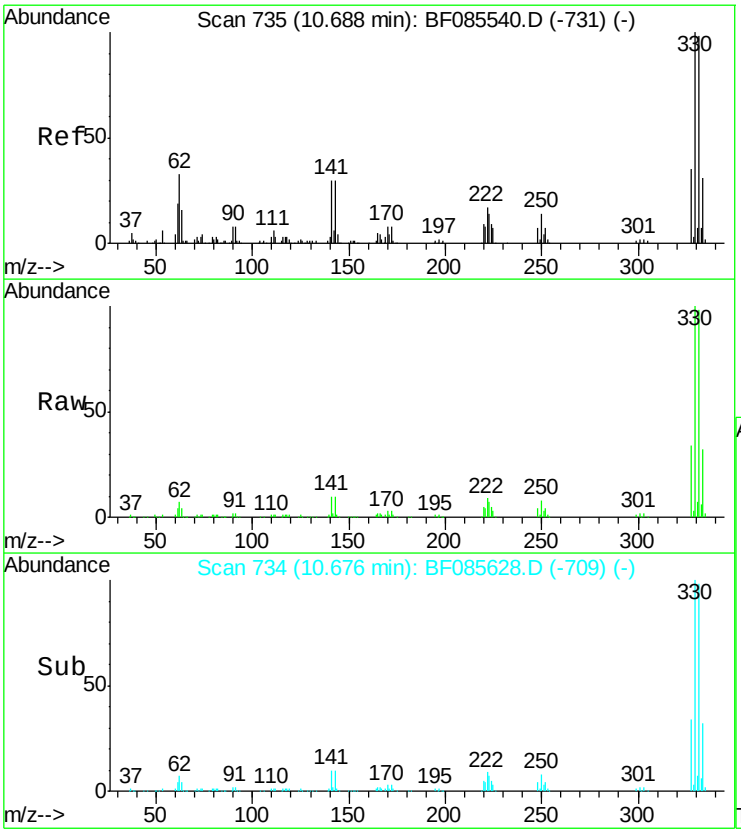
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

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

Tgt Ion:164 Resp: 227723

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

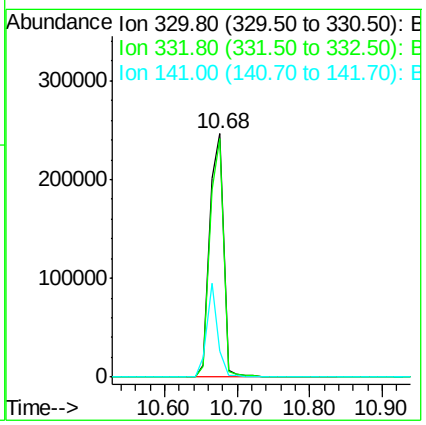


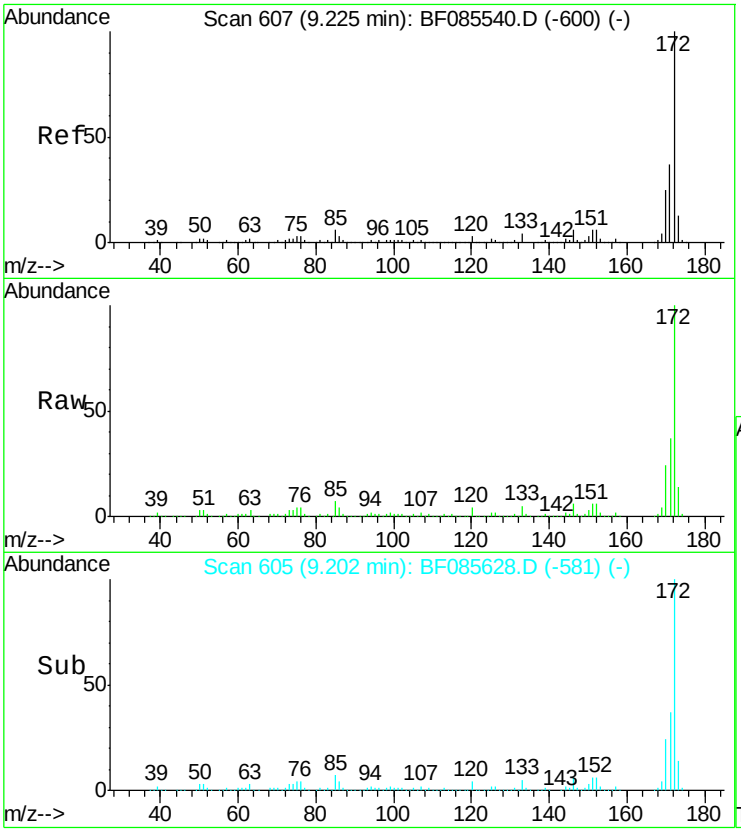


#41
2,4,6-Tribromophenol
Concen: 146.44 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

Tgt Ion:330 Resp: 326653

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.2	117.2
141	30.9	31.5	47.3#



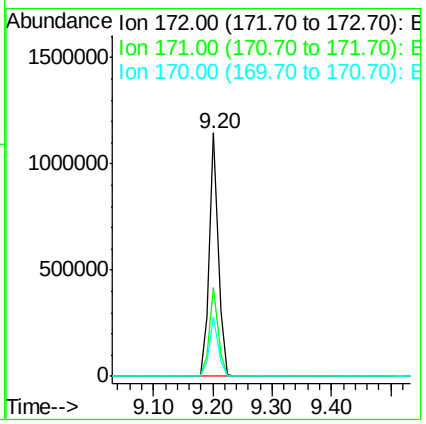


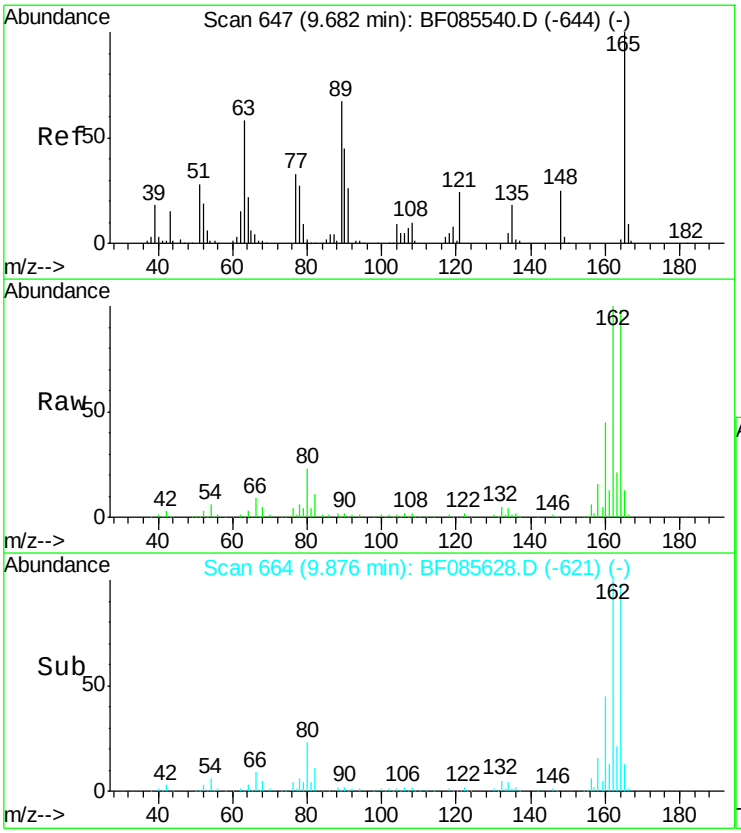
#44
2-Fluorobiphenyl
Concen: 92.28 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

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

Tgt Ion:172 Resp: 1205455

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	24.5	19.8	29.6

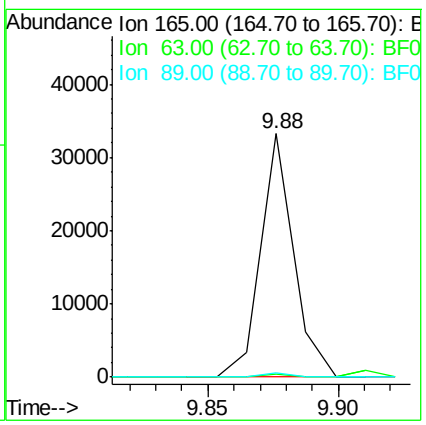


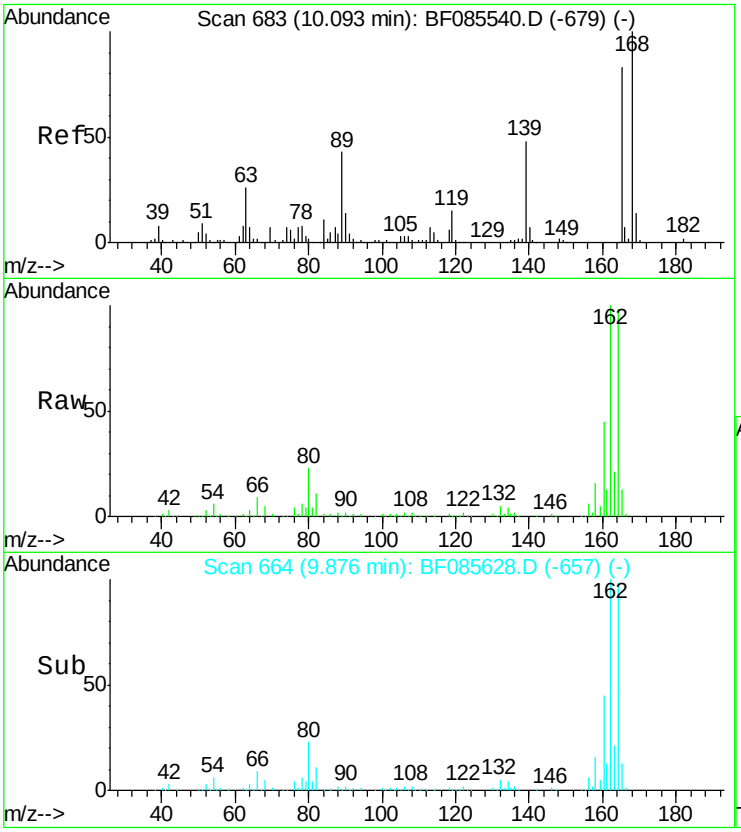


#50
2,6-Dinitrotoluene
Concen: 8.08 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.19 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

Tgt Ion:165 Resp: 29318

Ion	Ratio	Lower	Upper
165	100		
63	1.3	51.8	77.8#
89	1.7	53.7	80.5#



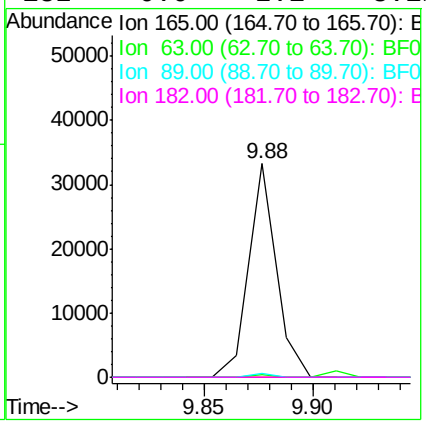


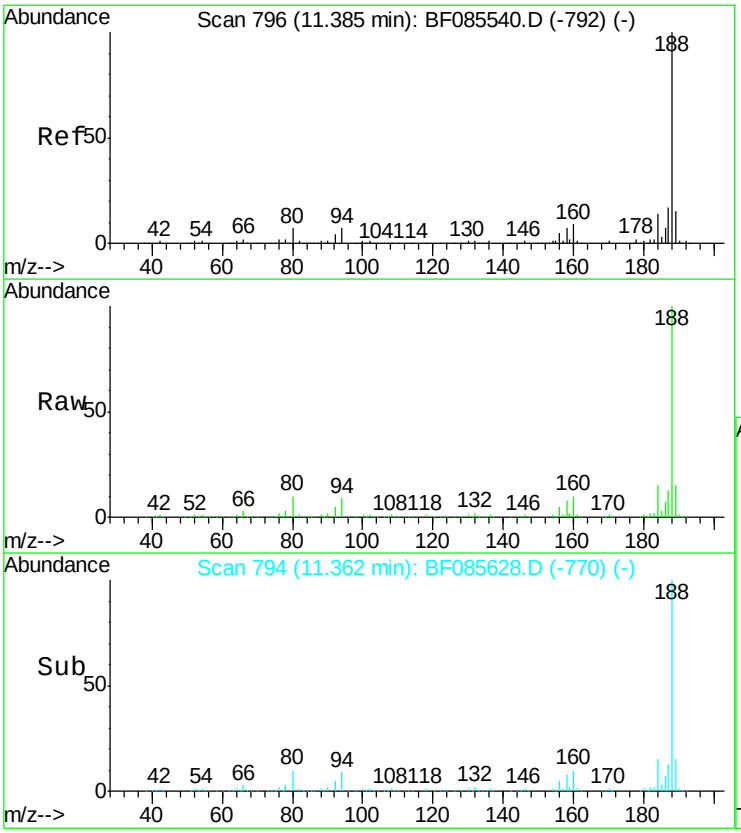
#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.22 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

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

Tgt Ion:165 Resp: 29319

Ion	Ratio	Lower	Upper
165	100		
63	1.3	24.9	37.3#
89	1.7	41.0	61.6#
182	0.0	2.1	3.1#

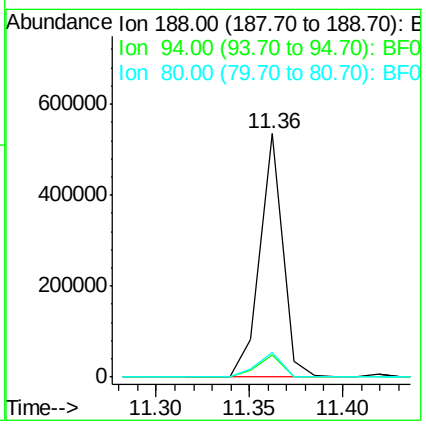


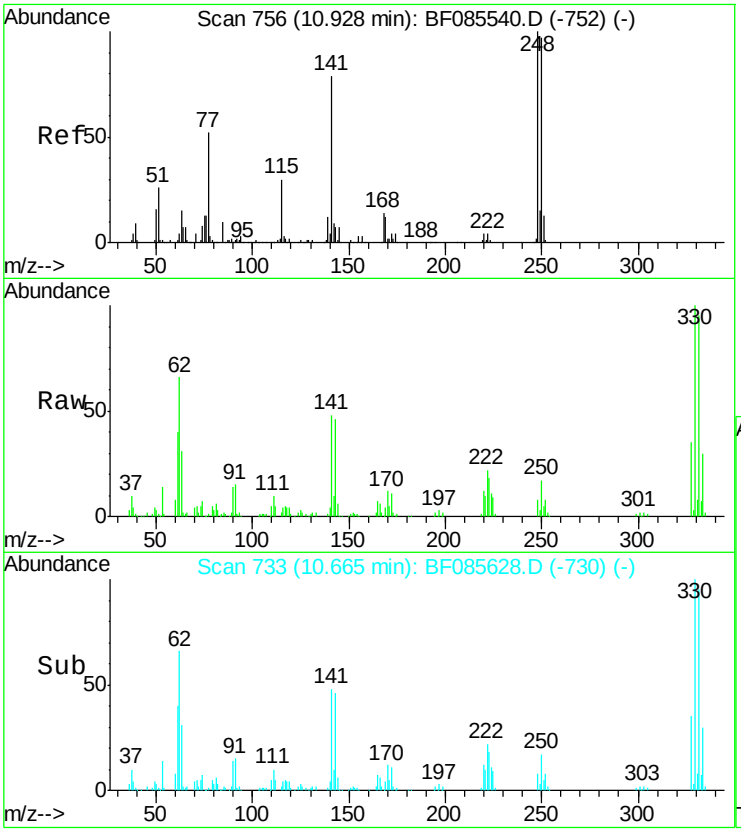


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

Tgt Ion:188 Resp: 450813

Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.4	8.0#
80	9.9	5.5	8.3#



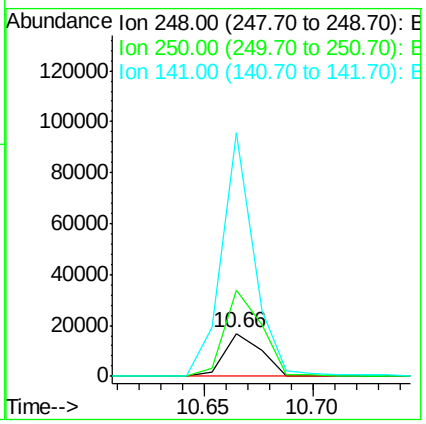


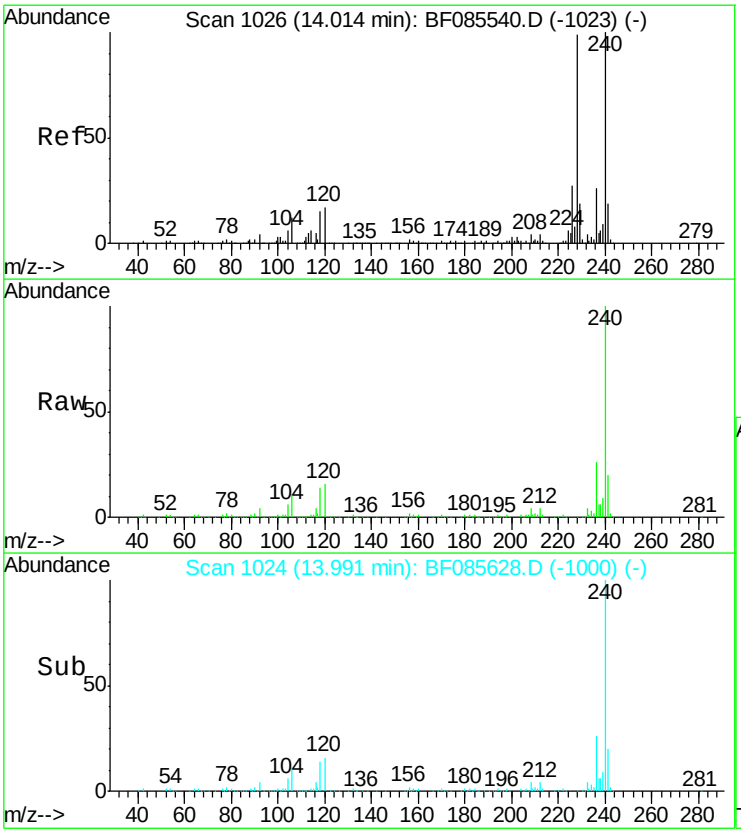
#66
4-Bromophenyl-phenylether
Concen: 4.45 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

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

Tgt Ion:248 Resp: 20038

Ion	Ratio	Lower	Upper
248	100		
250	201.7	77.4	116.0#
141	571.1	63.6	95.4#

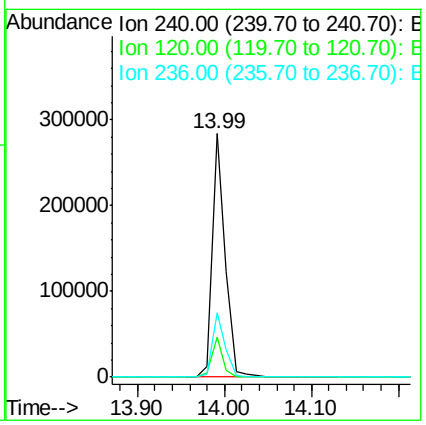


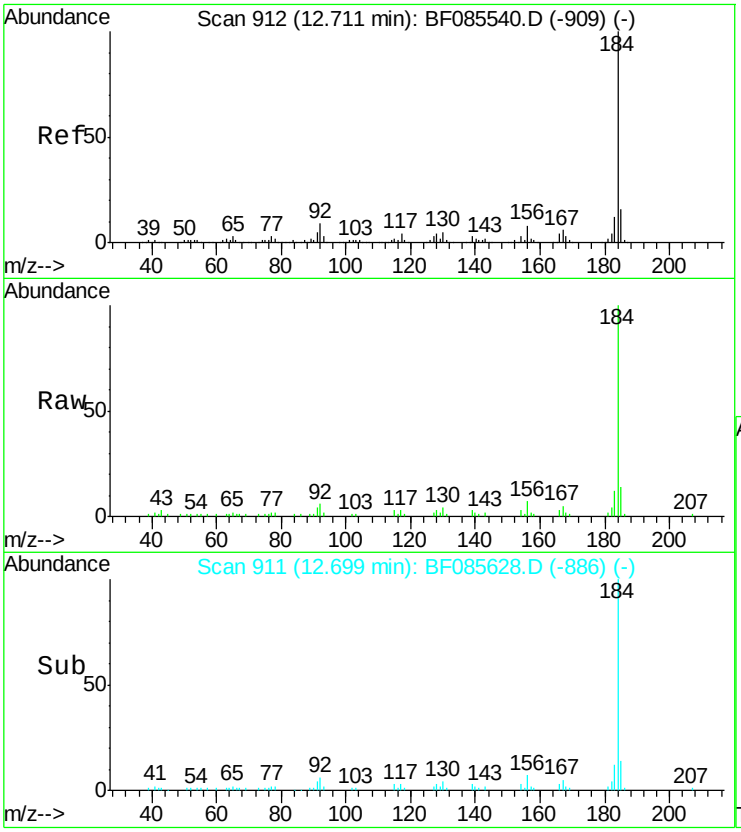


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

Tgt Ion:240 Resp: 297043

Ion	Ratio	Lower	Upper
240	100		
120	16.3	13.8	20.8
236	26.2	20.6	30.8

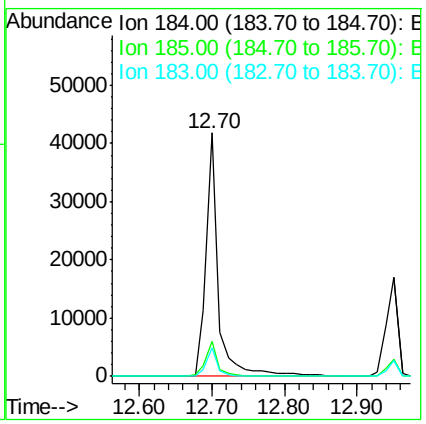




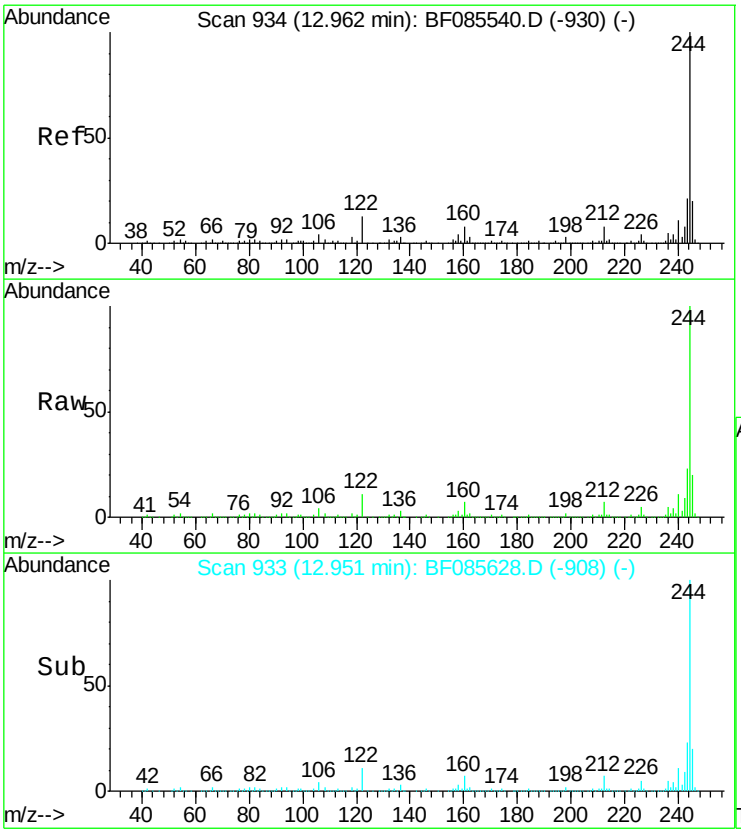
#76
Benzidine
Concen: 4.95 ng
RT: 12.70 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

Tgt Ion:184 Resp: 49421

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.4	18.6
183	11.5	9.4	14.2



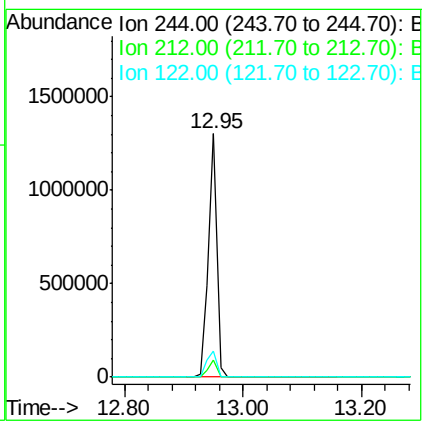
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9C

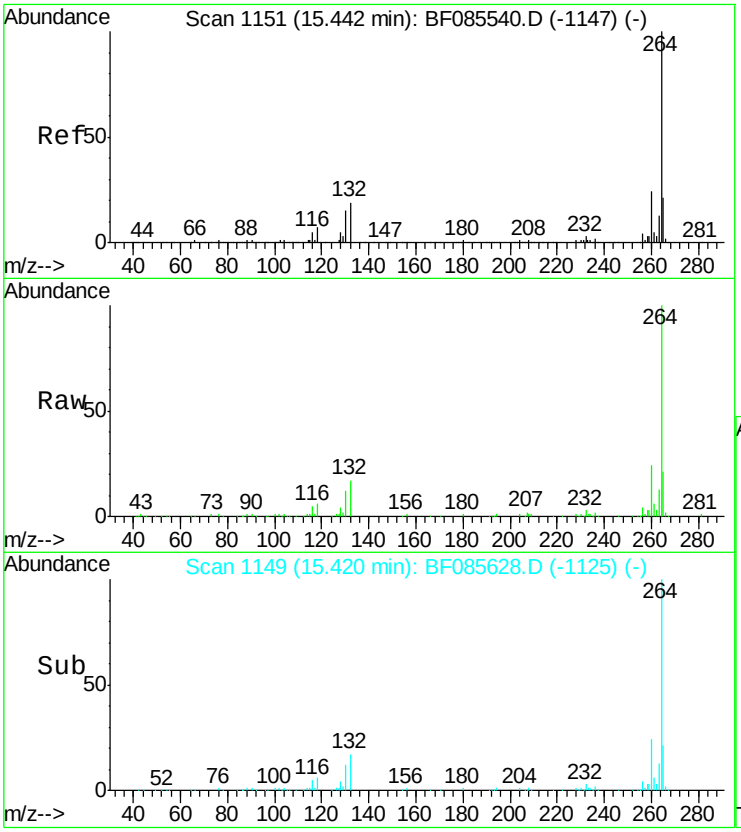


#78
Terphenyl-d14
Concen: 104.04 ng
RT: 12.95 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

Tgt Ion:244 Resp: 1284327

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	10.5	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: BF085628.D
Acq: 21 Mar 2016 18:06

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

Tgt Ion:264 Resp: 210061

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.2	17.2	25.8