Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040516\
Data File : BF086082.D
Acq On : 5 Apr 2016 19:08
Operator : UM/SJ
Sample : H2148-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 45-PARK-PLACE-DISCHARGE

Quant Time: Apr 06 00:52:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	109925	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	419334	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	198551	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	360904	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	254891	20.00	ng	-0.02
86) Perylene-d12	15.31	264	192734	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	339853	52.85	ng	-0.02
7) Phenol-d6	6.40	99	253900	31.08	ng	-0.02
23) Nitrobenzene-d5	7.32	82	613831	86.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	203957	109.44	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1029721	86.23	ng	-0.02
78) Terphenyl-d14	12.85	244	754024	69.54	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.32	70	80803	15.96	ng	# 76
25) Isophorone	7.32	82	482541	34.38	ng	# 68
56) 2,4-Dinitrotoluene	9.79	165	25020	6.36	ng	# 37
66) 4-Bromophenyl-phenylether	10.58	248	14250	3.87	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040516\
Data File : BF086082.D
Acq On : 5 Apr 2016 19:08
Operator : UM/SJ
Sample : H2148-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
45-PARK-PLACE-DISCHARGE

Quant Time: Apr 06 00:52:09 2016
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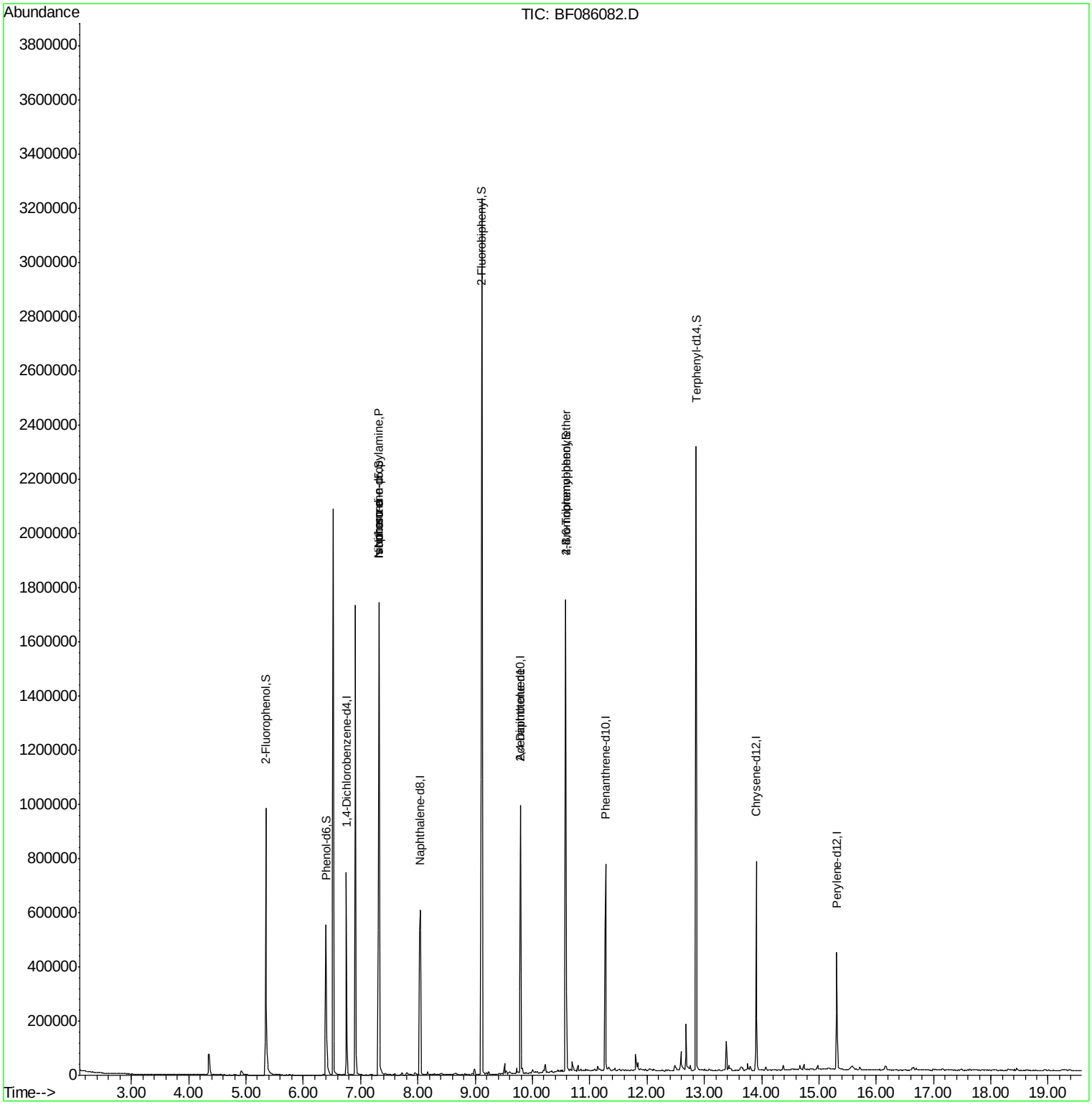
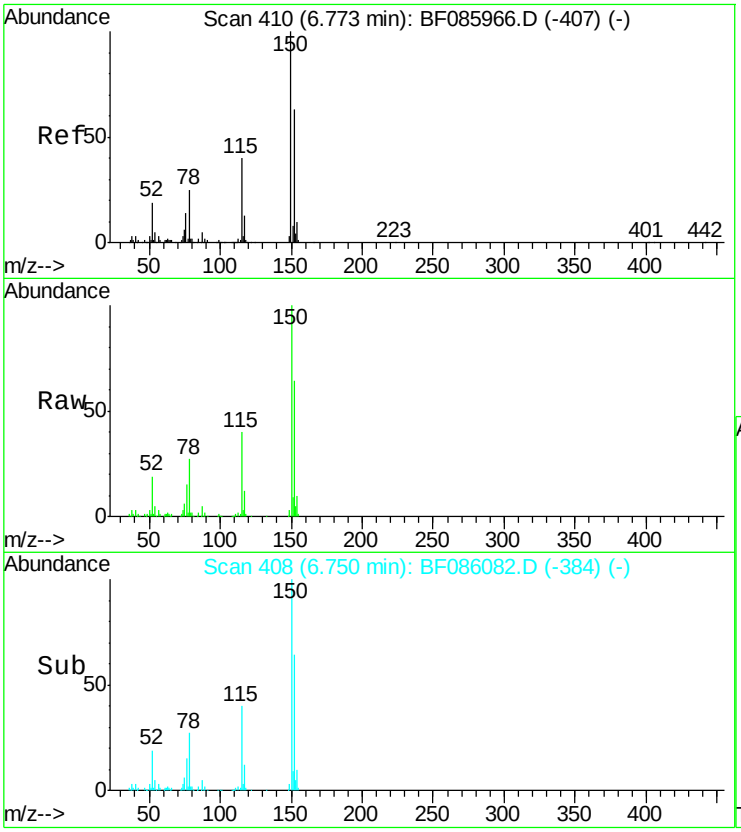


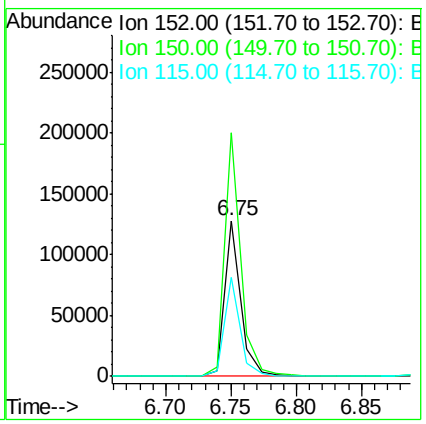


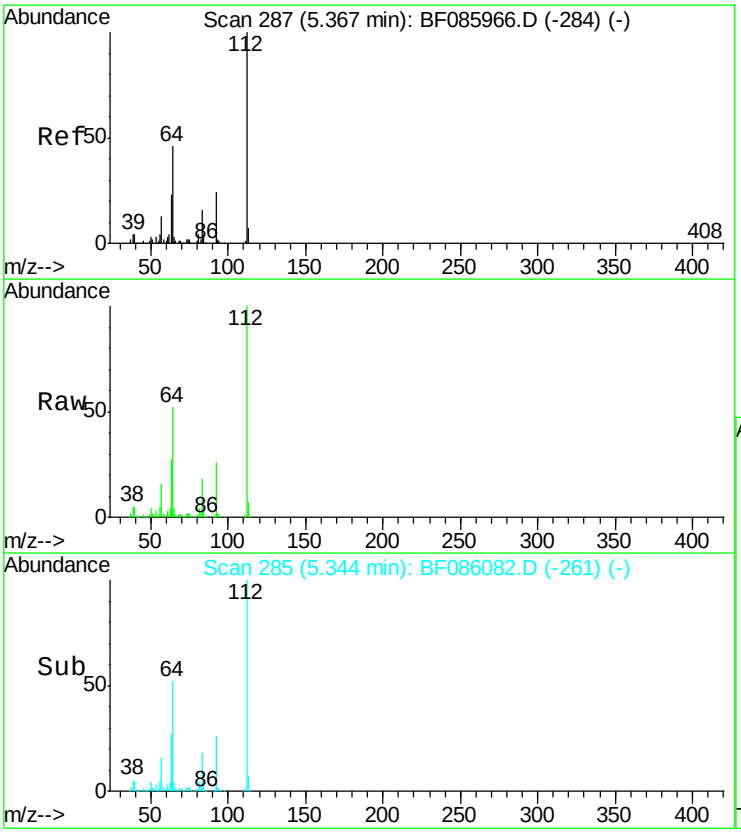
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Instrument :
BNA_F
ClientSampleId :
45-PARK-PLACE-DISCHARGE

Tgt Ion:152 Resp: 109925

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	63.3	47.0	70.6

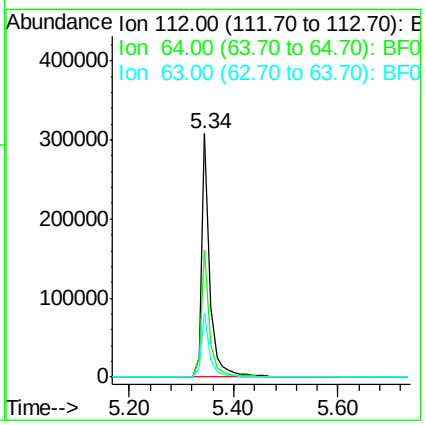


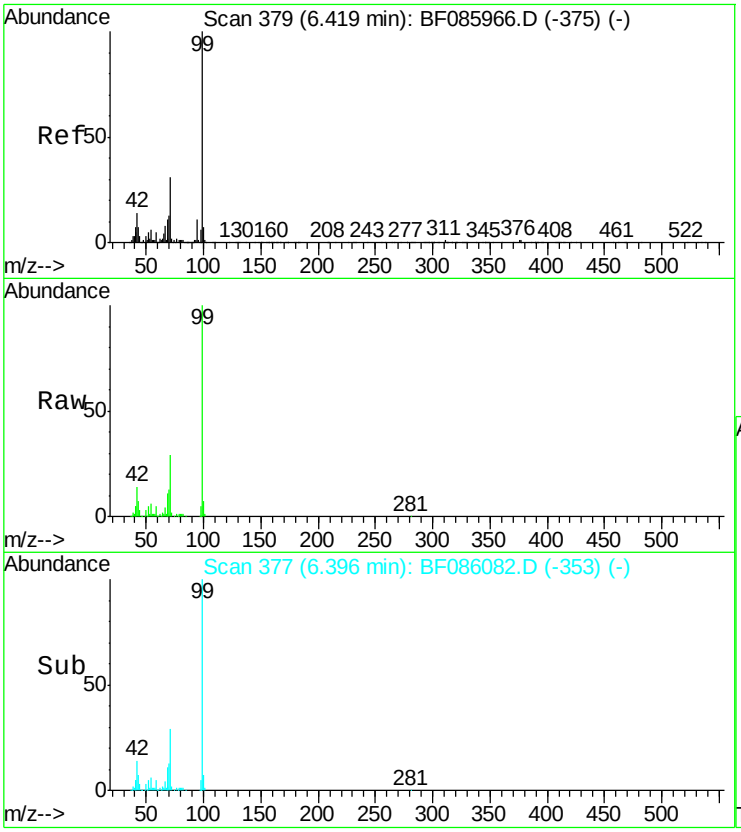


#5
2-Fluorophenol
Concen: 52.85 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Tgt Ion:112 Resp: 339853

Ion	Ratio	Lower	Upper
112	100		
64	52.5	39.9	59.9
63	26.6	20.2	30.2



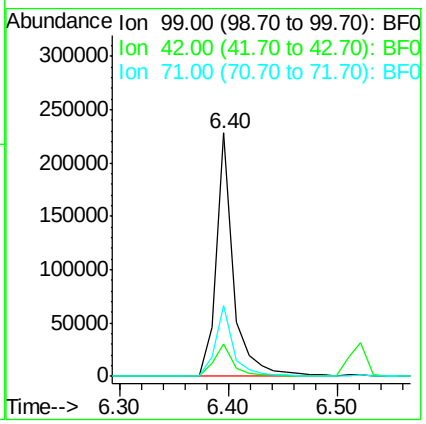


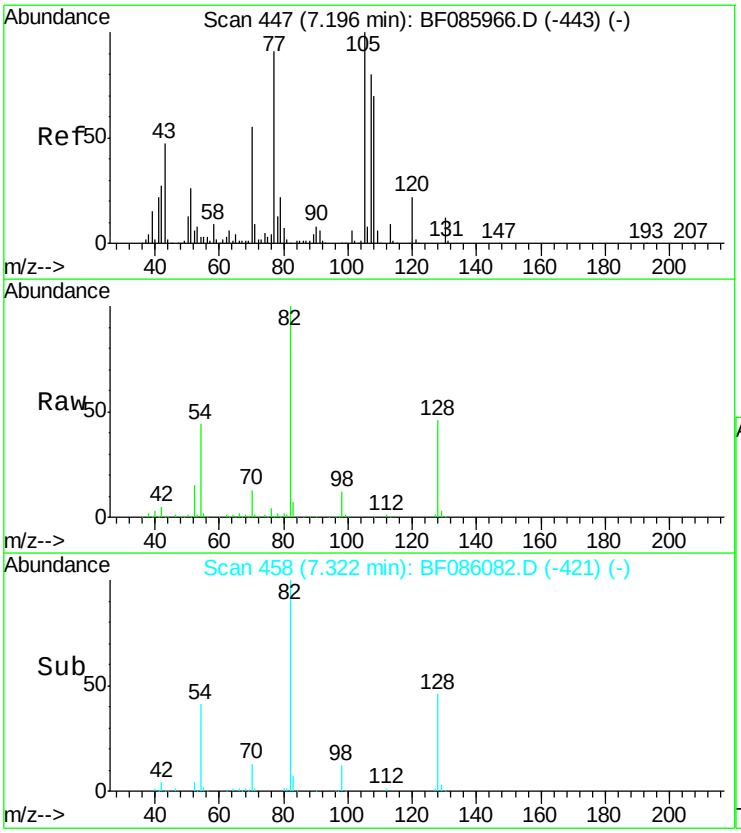
#7
Phenol-d6
Concen: 31.08 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Instrument :
BNA_F
ClientSampleId :
45-PARK-PLACE-DISCHARGE

Tgt Ion: 99 Resp: 253900

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.1	16.7
71	29.1	24.9	37.3

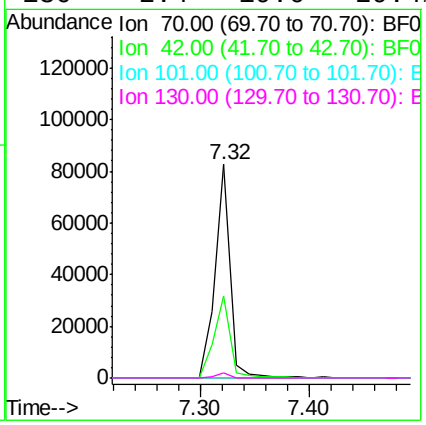


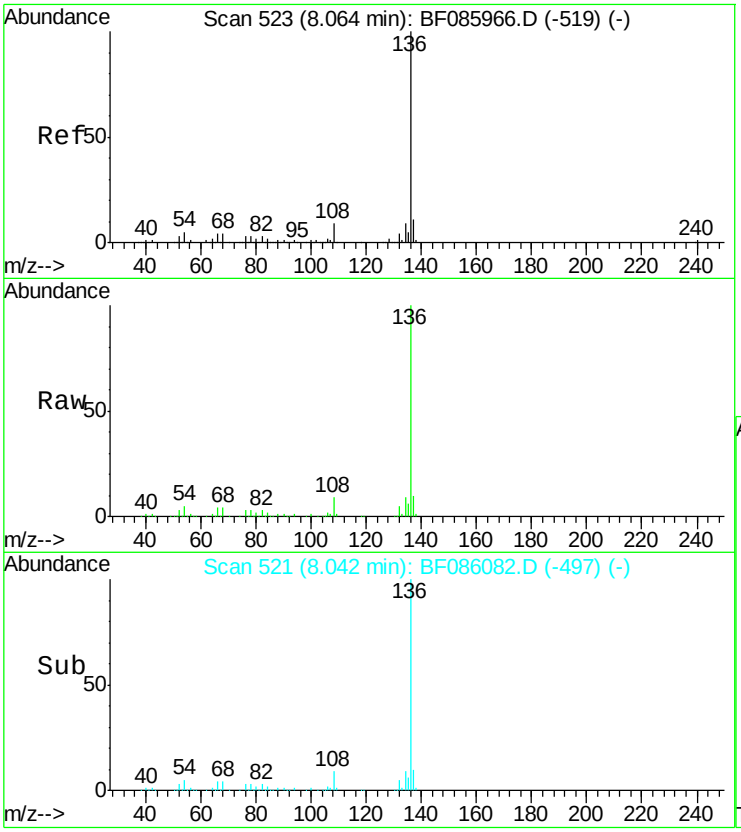


#19
n-Nitroso-di-n-propylamine
Concen: 15.96 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.13 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Tgt Ion: 70 Resp: 80803

Ion	Ratio	Lower	Upper
70	100		
42	38.4	37.1	55.7
101	0.0	8.6	12.8#
130	2.4	19.6	29.4#



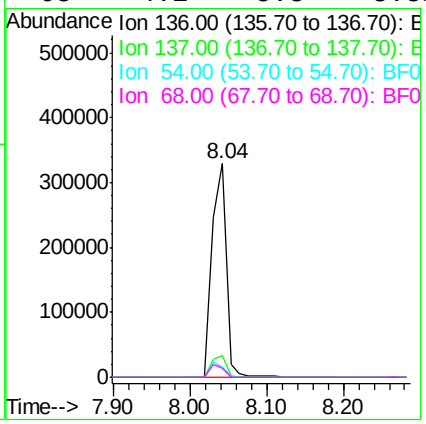


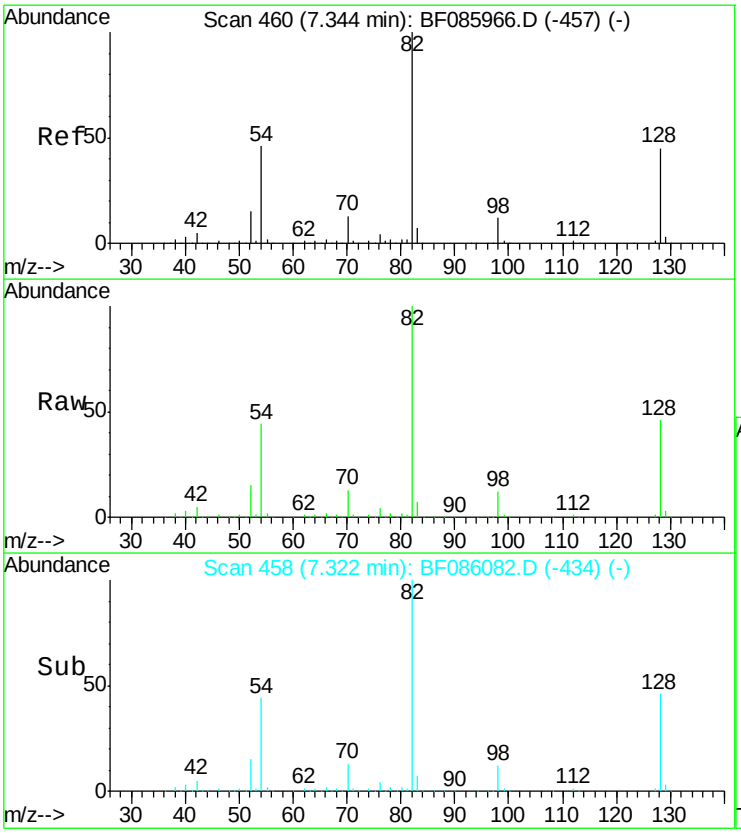
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Instrument :
BNA_F
ClientSampleId :
45-PARK-PLACE-DISCHARGE

Tgt Ion:136 Resp: 419334

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	5.0	7.4	11.0#
68	4.2	5.8	8.8#

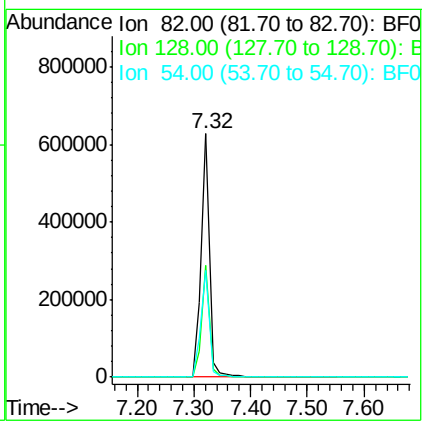


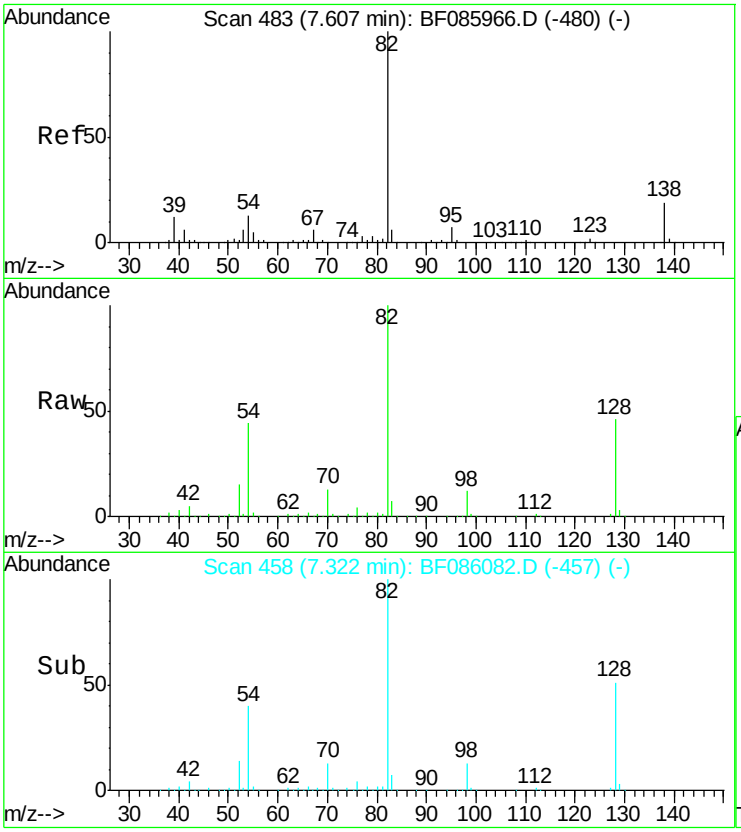


#23
Nitrobenzene-d5
Concen: 86.32 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Tgt Ion: 82 Resp: 613831

Ion	Ratio	Lower	Upper
82	100		
128	45.8	41.8	62.8
54	43.9	33.4	50.0



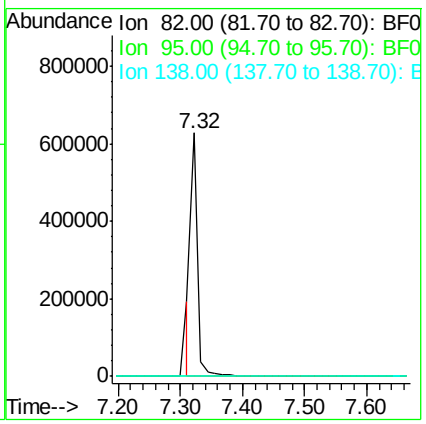


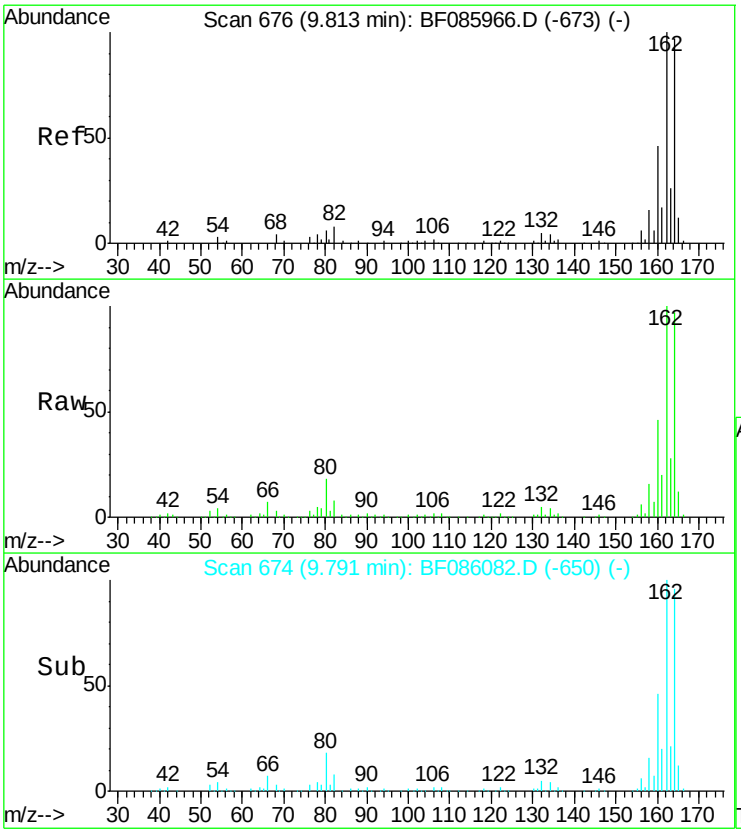
#25
Isophorone
Concen: 34.38 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.29 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Instrument :
BNA_F
ClientSampleId :
45-PARK-PLACE-DISCHARGE

Tgt Ion: 82 Resp: 482541

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

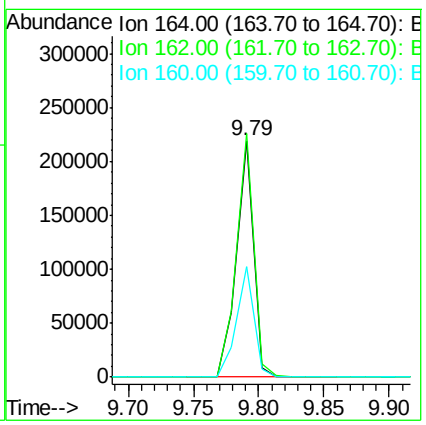


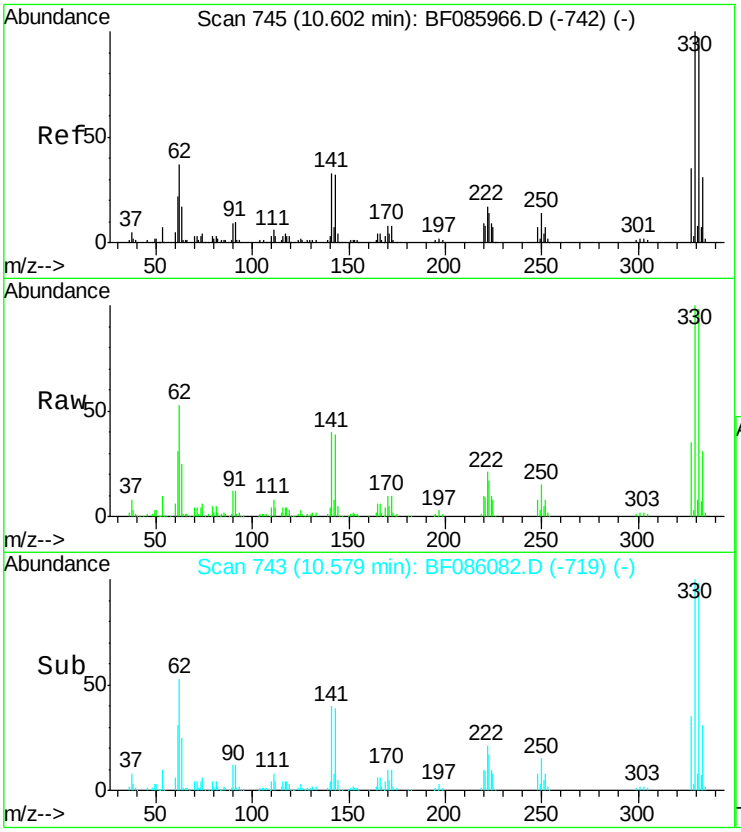


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Tgt Ion:164 Resp: 198551

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.1	123.1
160	47.0	37.4	56.2



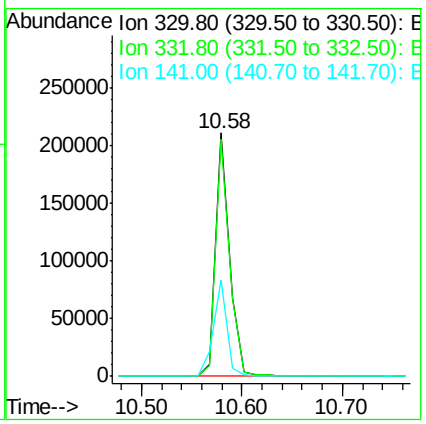


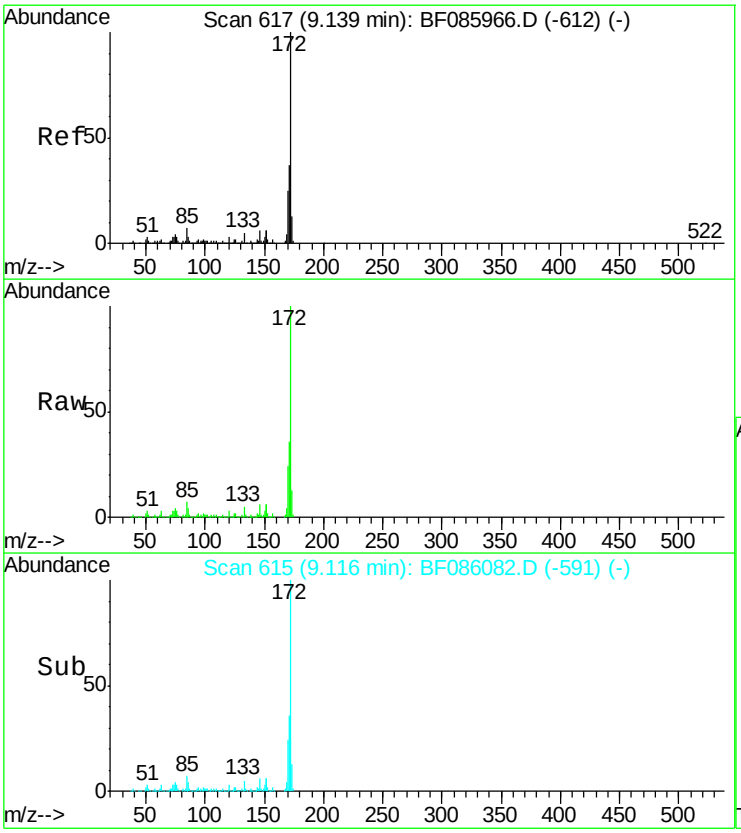
#41
2,4,6-Tribromophenol
Concen: 109.44 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Instrument :
BNA_F
ClientSampleId :
45-PARK-PLACE-DISCHARGE

Tgt Ion:330 Resp: 203957

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.2	117.2
141	38.9	31.5	47.3

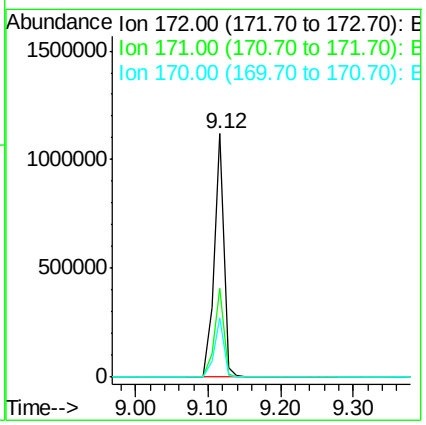


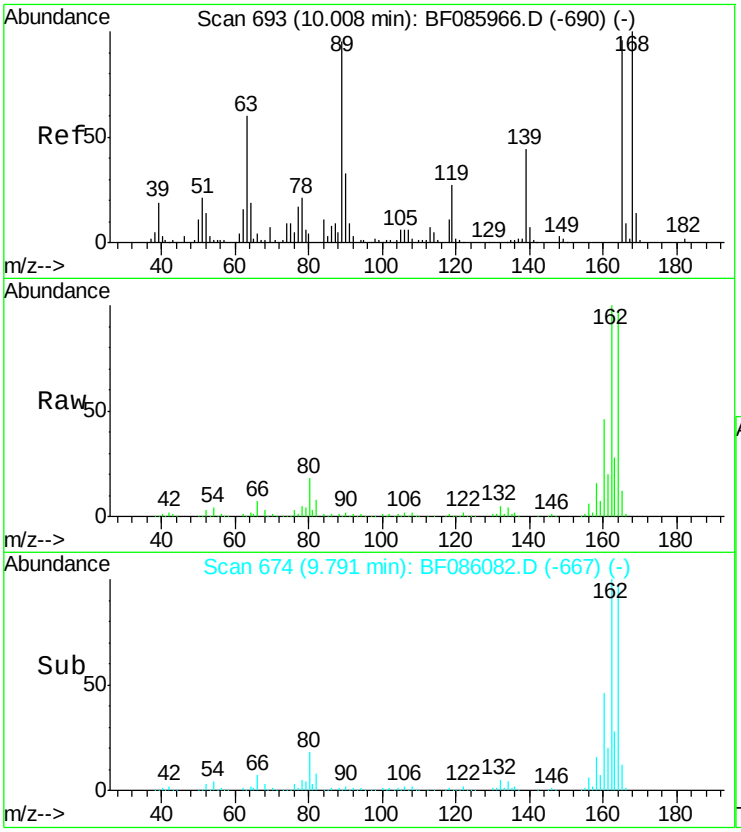


#44
2-Fluorobiphenyl
Concen: 86.23 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.02 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Tgt Ion:172 Resp: 1029721

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.2	19.8	29.6



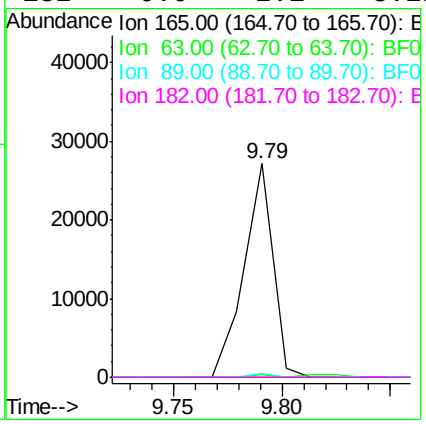


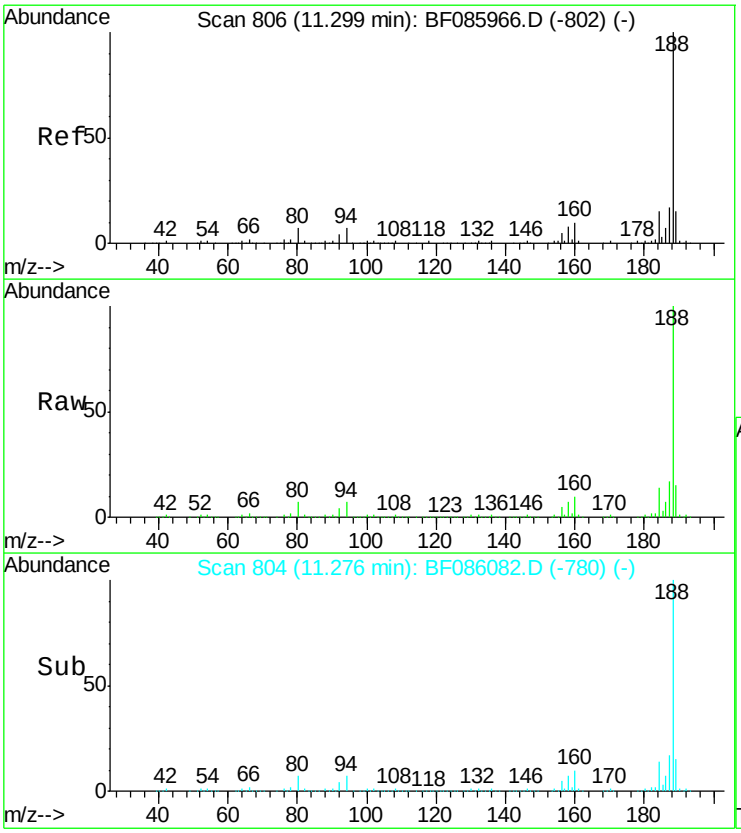
#56
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.22 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Instrument :
BNA_F
ClientSampleId :
45-PARK-PLACE-DISCHARGE

Tgt Ion:165 Resp: 25020

Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.7	41.0	61.6#
182	0.0	2.1	3.1#

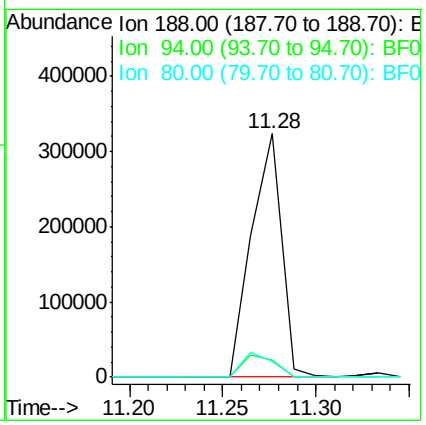


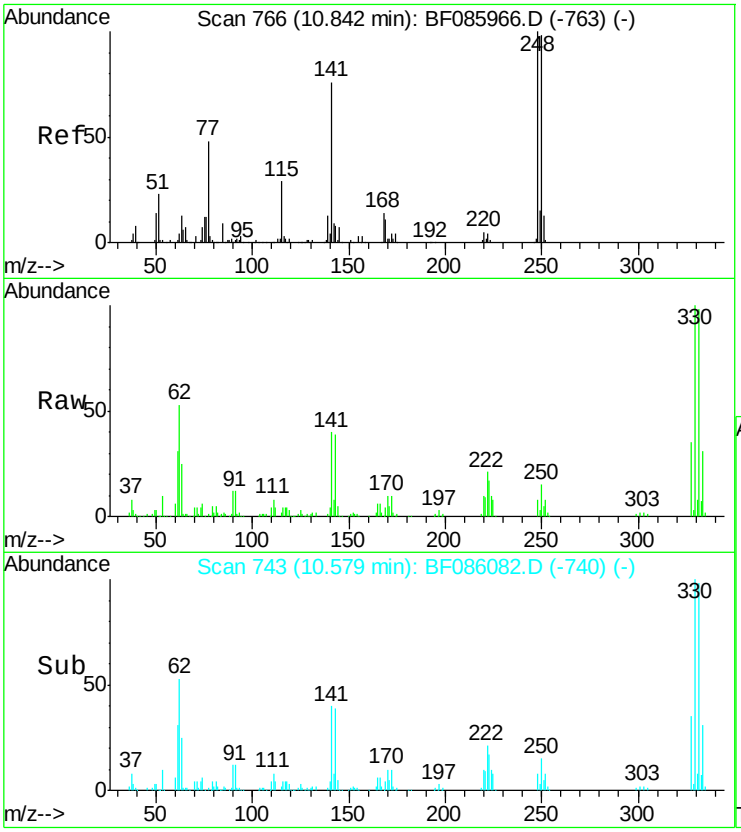


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Tgt Ion:188 Resp: 360904

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.4	8.0
80	6.7	5.5	8.3



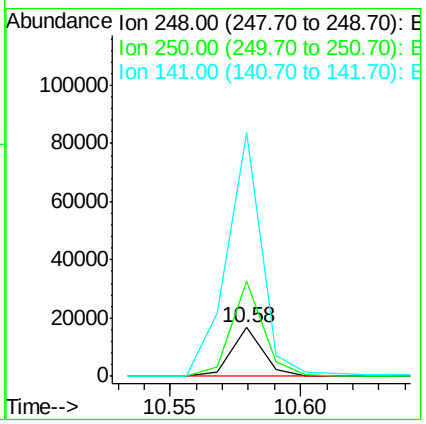


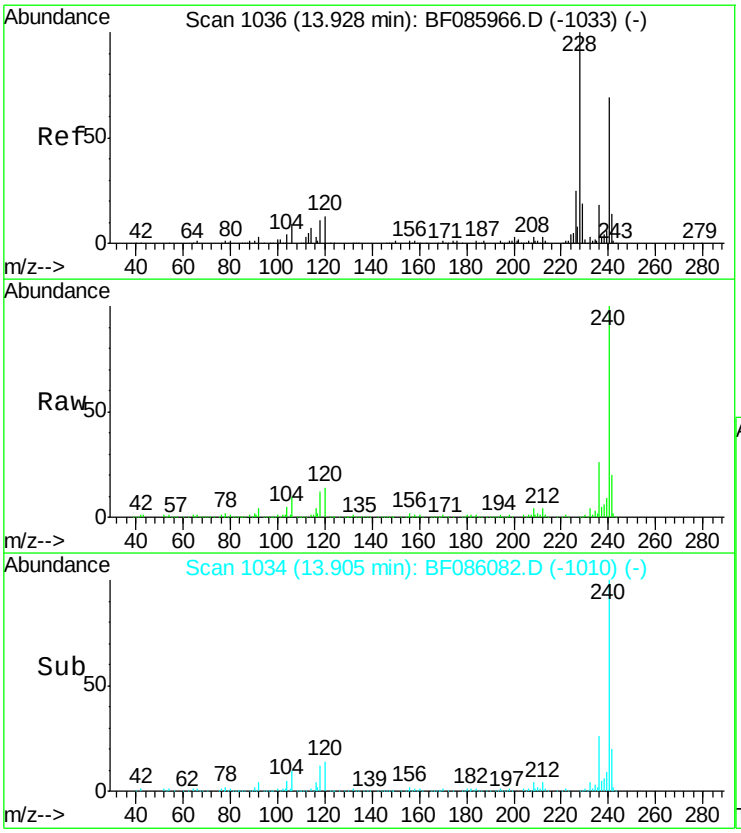
#66
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.26 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Instrument :
BNA_F
ClientSampleId :
45-PARK-PLACE-DISCHARGE

Tgt Ion:248 Resp: 14250

Ion	Ratio	Lower	Upper
248	100		
250	195.5	77.4	116.0#
141	500.9	63.6	95.4#

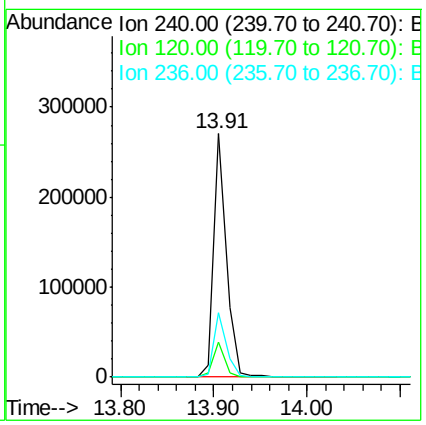


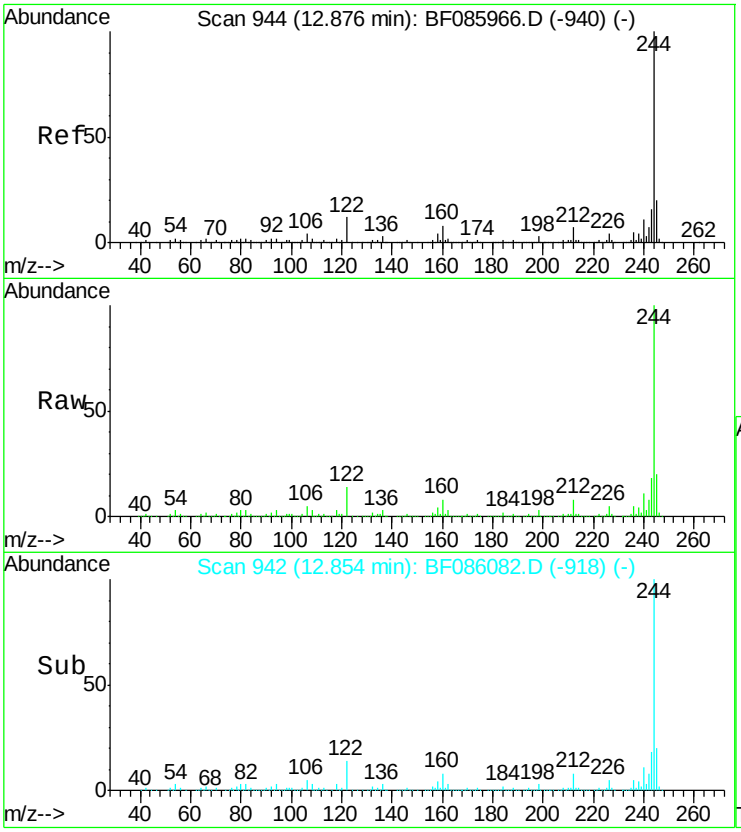


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Tgt Ion:240 Resp: 254891

Ion	Ratio	Lower	Upper
240	100		
120	14.3	13.8	20.8
236	26.3	20.6	30.8



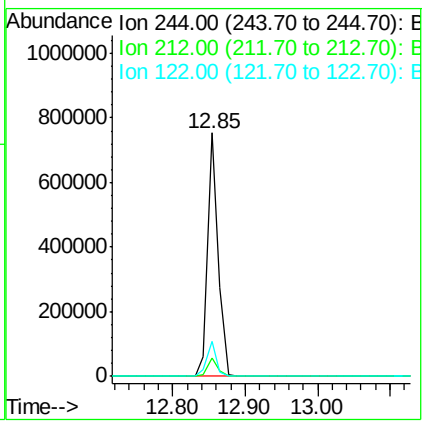


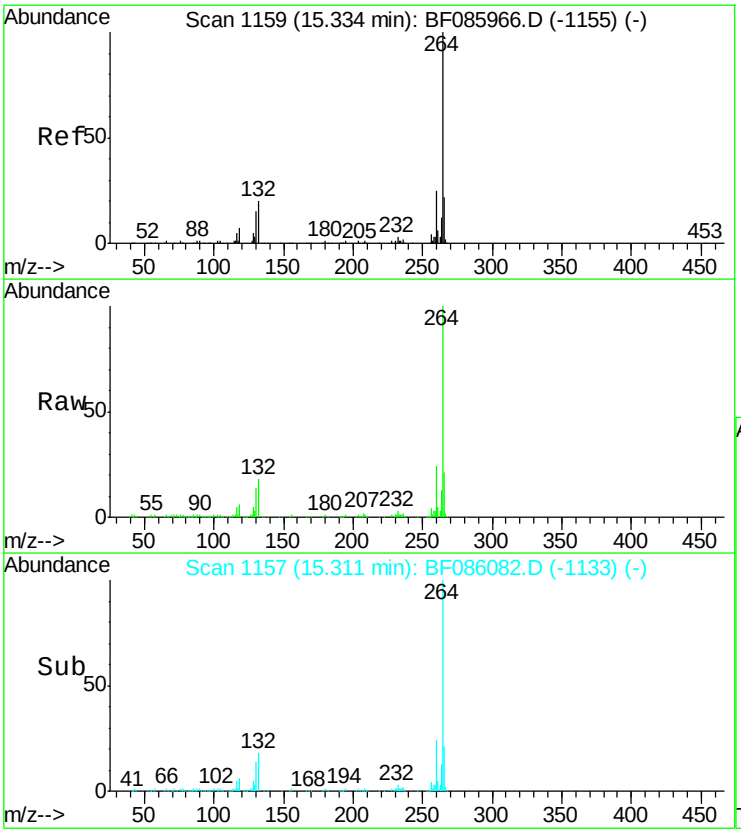
#78
Terphenyl-d14
Concen: 69.54 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Instrument :
BNA_F
ClientSampleId :
45-PARK-PLACE-DISCHARGE

Tgt Ion:244 Resp: 754024

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	14.3	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Tgt Ion:264 Resp: 192734

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.3	17.2	25.8