Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089272.D
Acq On : 25 Jul 2016 11:42
Operator : UM/SJ
Sample : H4154-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GCF-SW-1

Quant Time: Jul 25 17:16:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	54959	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	219434	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	98496	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	190707	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	113052	20.00	ng	-0.01
86) Perylene-d12	15.02	264	91269	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	493906	136.68	ng	0.01
7) Phenol-d6	6.23	99	678434	145.59	ng	0.00
23) Nitrobenzene-d5	7.13	82	399008	96.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	113612	128.12	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	619758	86.70	ng	-0.01
78) Terphenyl-d14	12.65	244	509179	97.69	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.72	79	6829	2.00	ng	# 49
19) n-Nitroso-di-n-propylamine	7.13	70	52319	17.17	ng	# 82
49) Dimethylphthalate	9.32	163	204037	26.99	ng	98
56) 2,4-Dinitrotoluene	9.59	165	12014	5.47	ng	# 10
66) 4-Bromophenyl-phenylether	10.38	248	8655	4.59	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089272.D
Acq On : 25 Jul 2016 11:42
Operator : UM/SJ
Sample : H4154-01
Misc :
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GCF-SW-1

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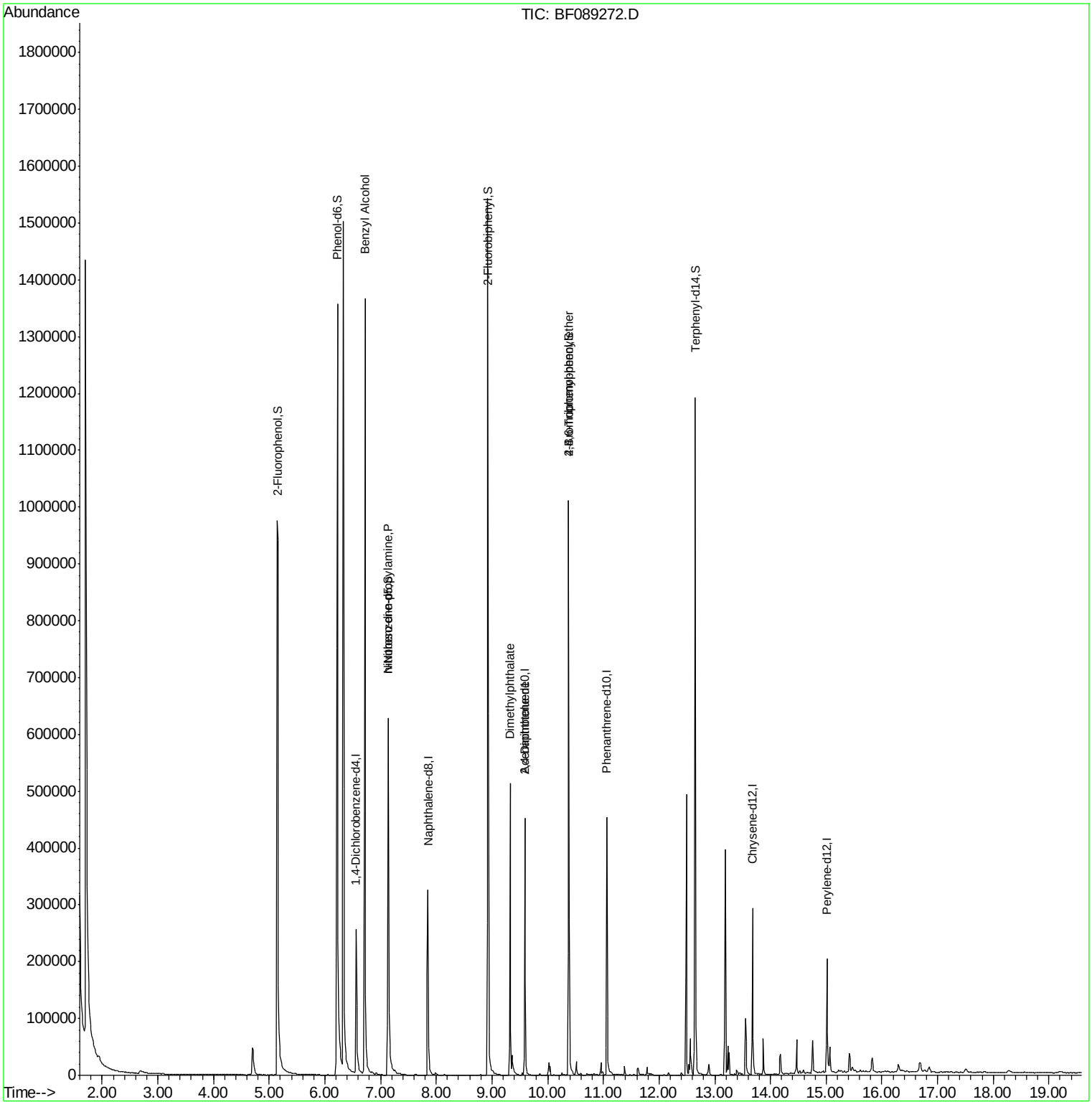
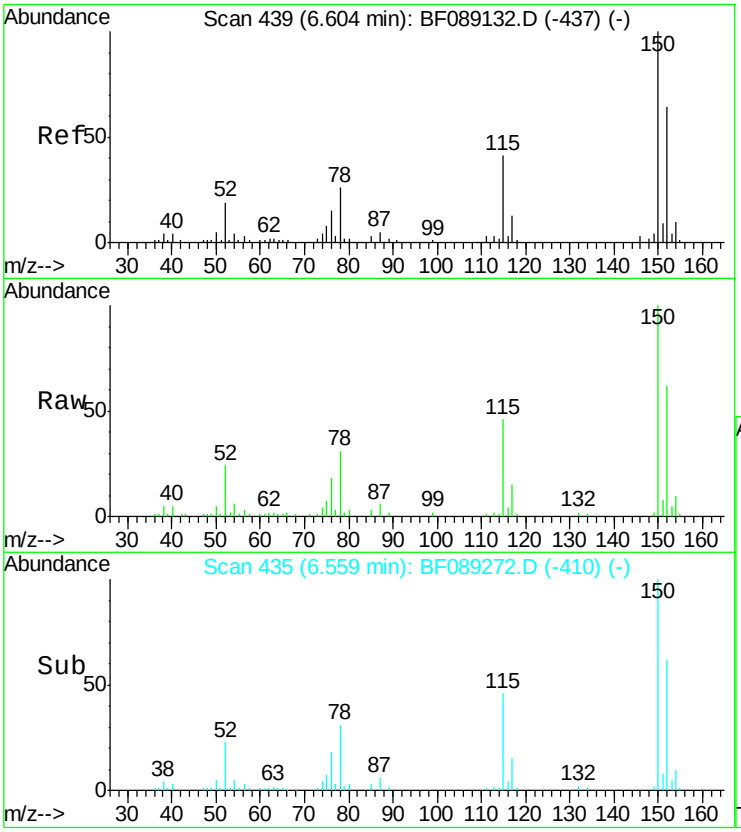


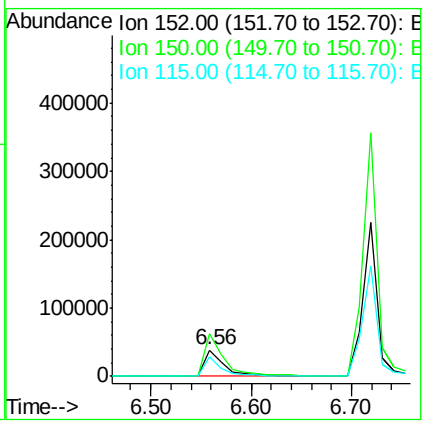


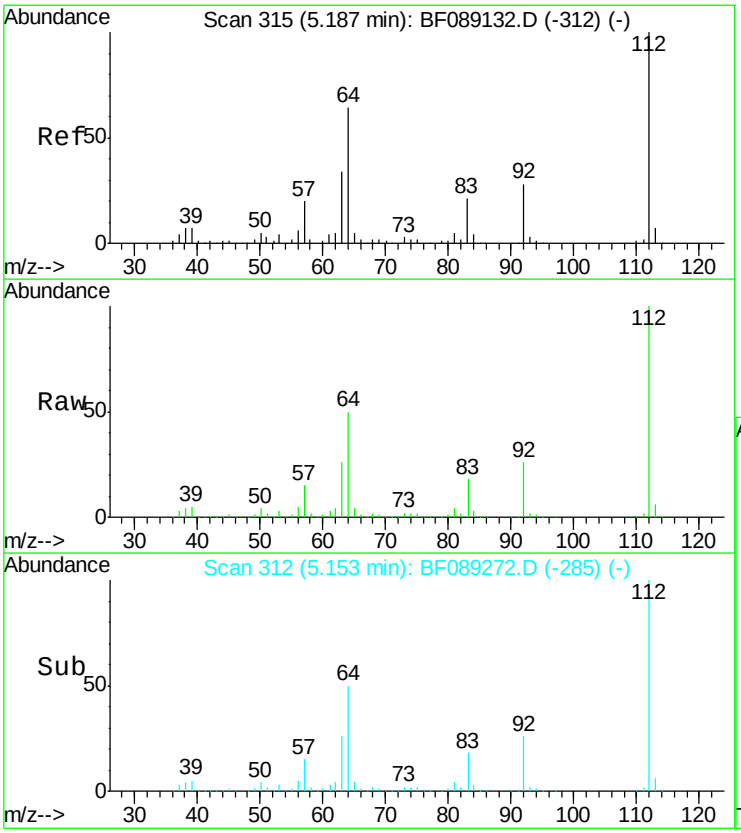
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Instrument :
BNA_F
ClientSampleId :
GCF-SW-1

Tgt Ion:152 Resp: 54959

Ion	Ratio	Lower	Upper
152	100		
150	161.7	125.1	187.7
115	73.6	51.1	76.7

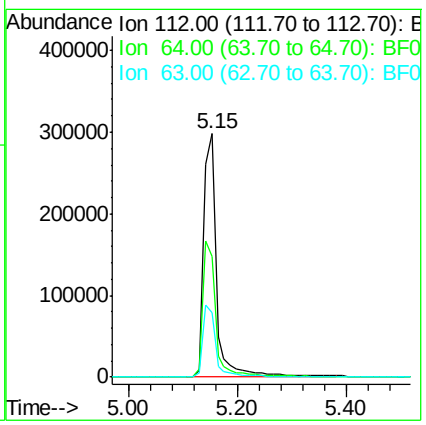


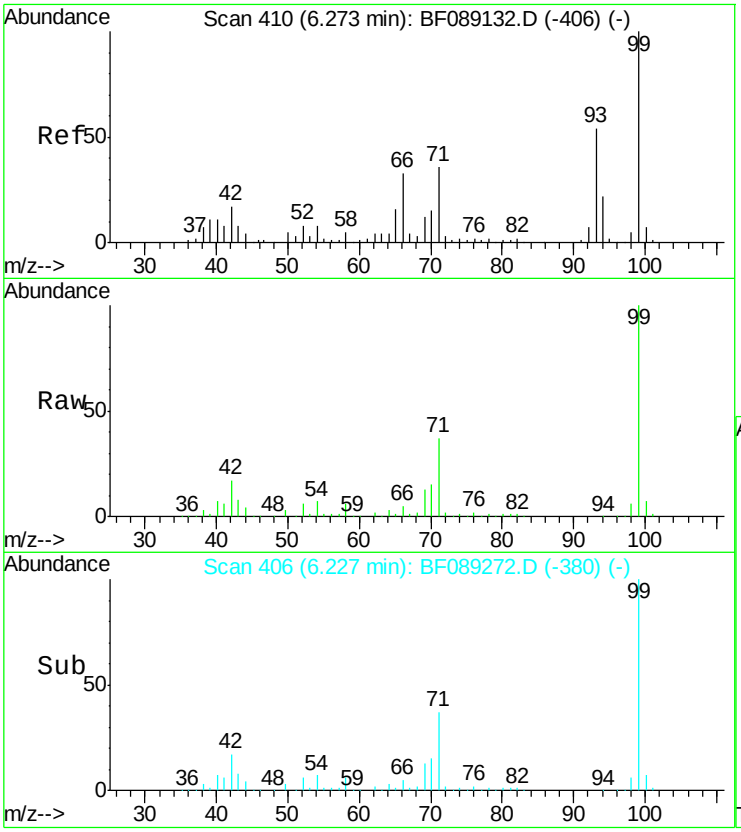


#5
2-Fluorophenol
Concen: 136.68 ng
RT: 5.15 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Tgt Ion:112 Resp: 493906

Ion	Ratio	Lower	Upper
112	100		
64	49.5	51.0	76.4#
63	26.4	27.3	40.9#



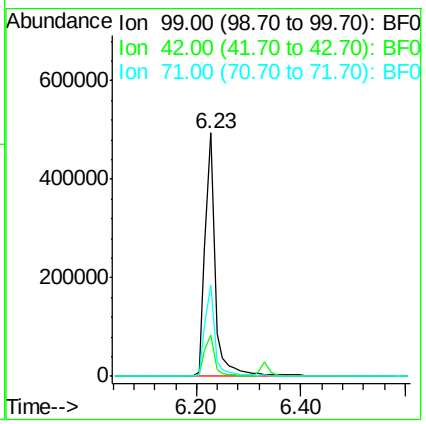


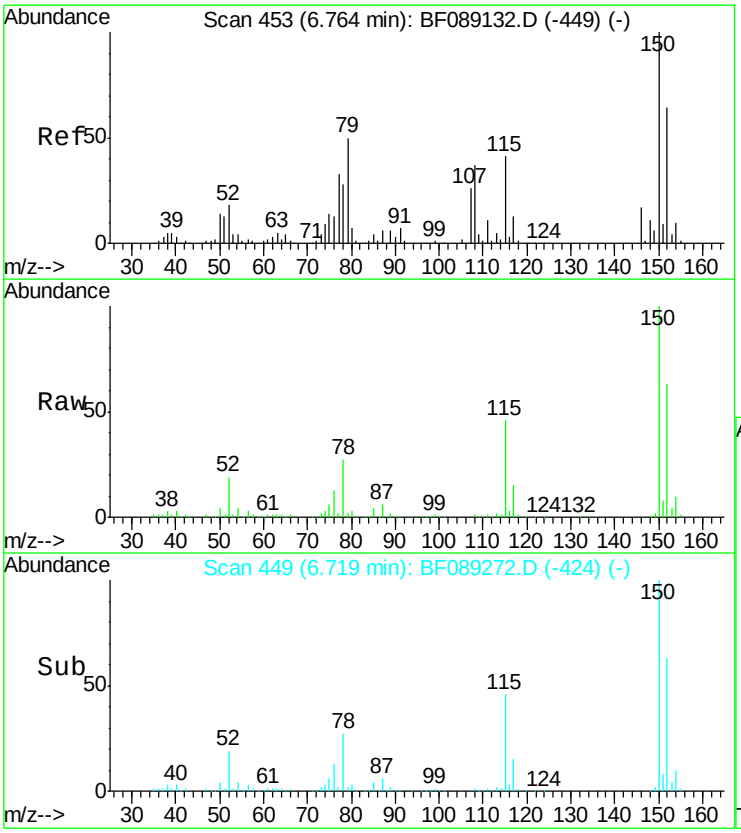
#7
Phenol-d6
Concen: 145.59 ng
RT: 6.23 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Instrument :
BNA_F
ClientSampleId :
GCF-SW-1

Tgt Ion: 99 Resp: 678434

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	37.5	28.9	43.3

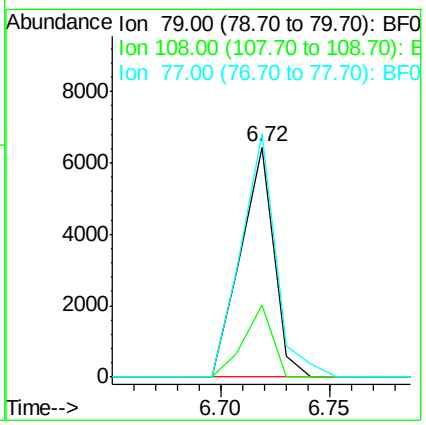


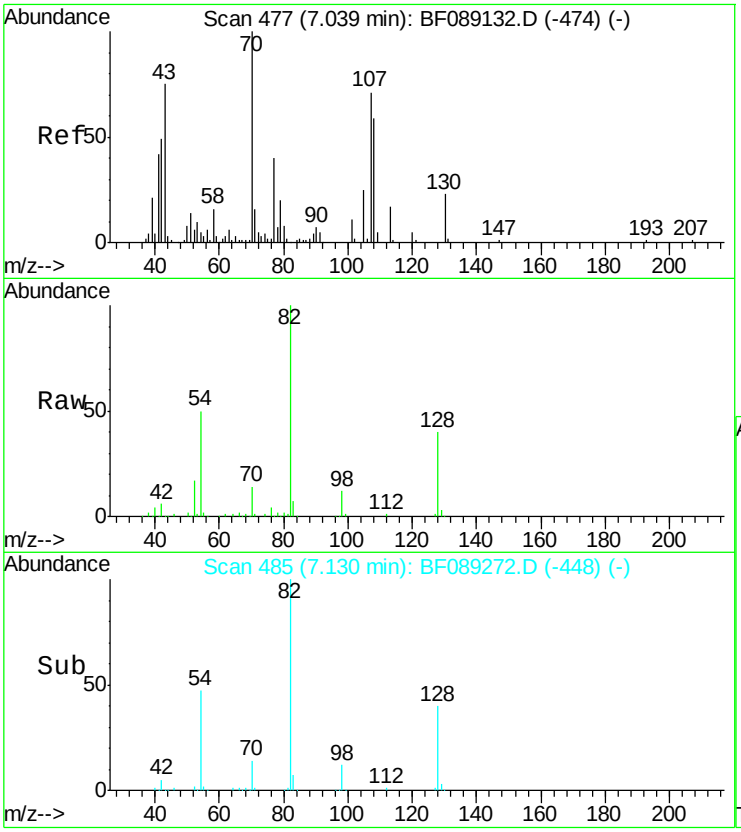


#15
Benzyl Alcohol
Concen: 2.00 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Tgt Ion: 79 Resp: 6829

Ion	Ratio	Lower	Upper
79	100		
108	31.2	58.2	87.4#
77	106.0	52.2	78.4#



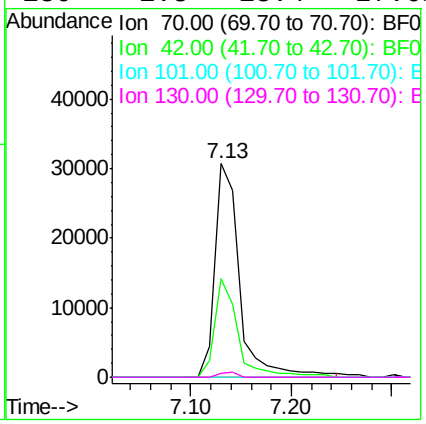


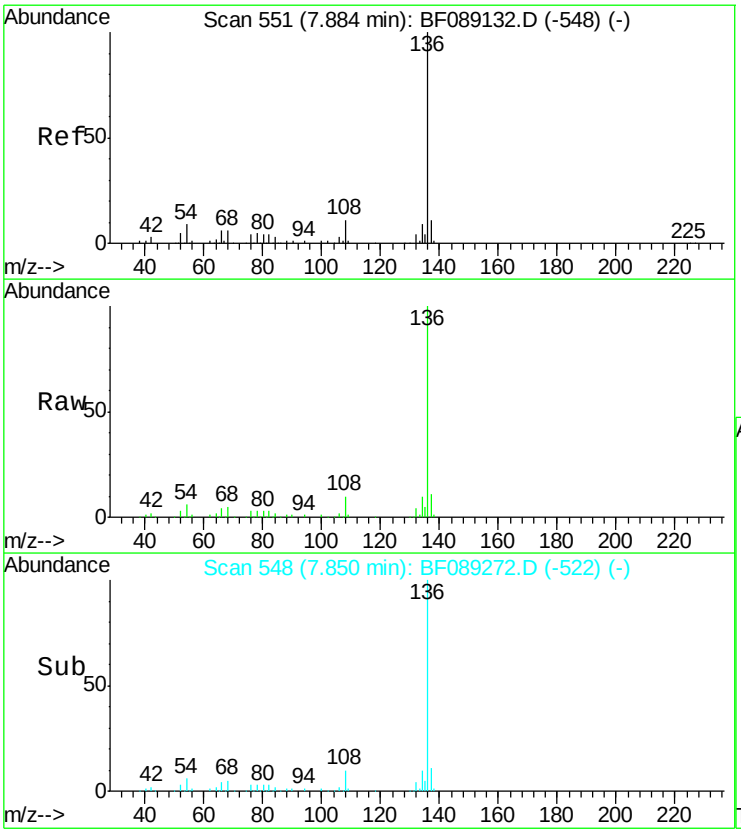
#19
n-Nitroso-di-n-propylamine
Concen: 17.17 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.13 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Instrument :
BNA_F
ClientSampleId :
GCF-SW-1

Tgt Ion: 70 Resp: 52319

Ion	Ratio	Lower	Upper
70	100		
42	46.3	39.2	58.8
101	0.0	8.5	12.7#
130	1.8	18.4	27.6#

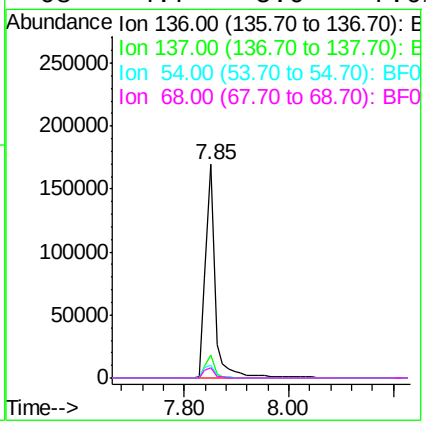


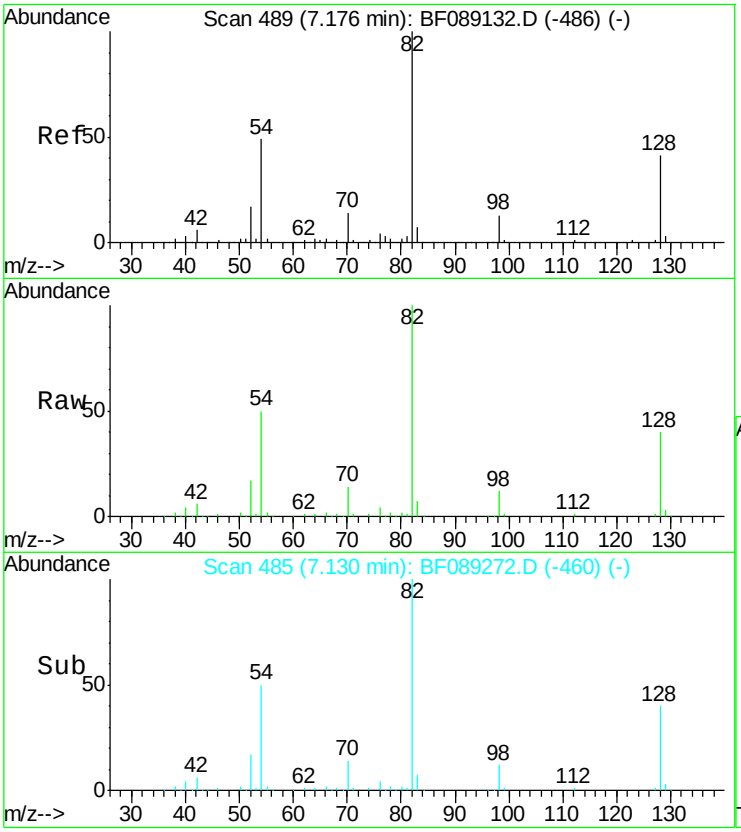


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Tgt Ion:136 Resp: 219434

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	5.7	7.0	10.4#
68	4.7	5.0	7.6#



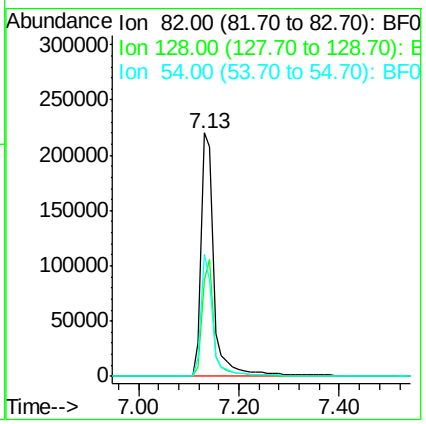


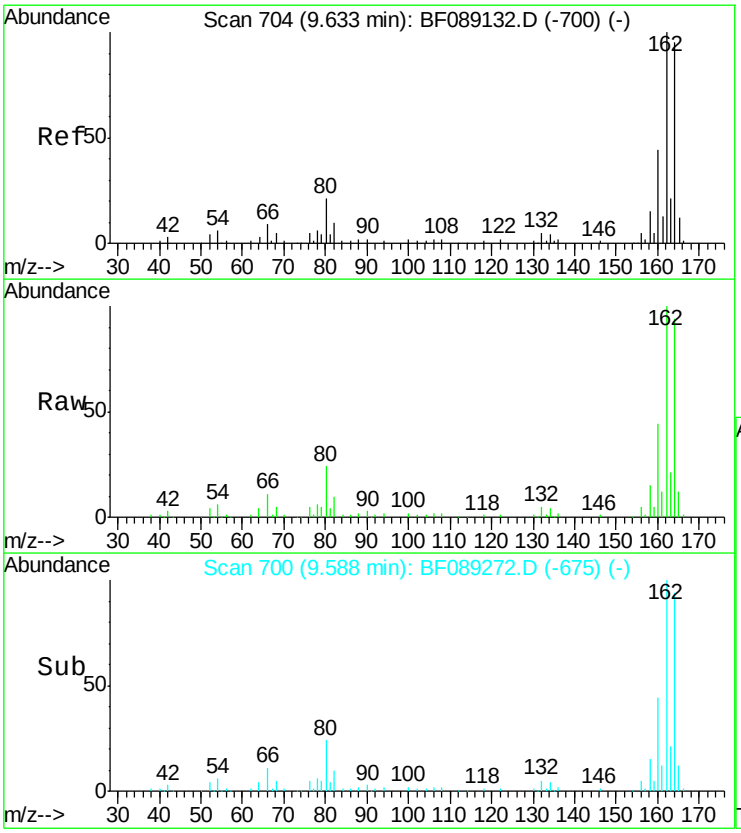
#23
Nitrobenzene-d5
Concen: 96.62 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Instrument :
BNA_F
ClientSampleId :
GCF-SW-1

Tgt Ion: 82 Resp: 399008

Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.0	49.6
54	49.9	39.0	58.4

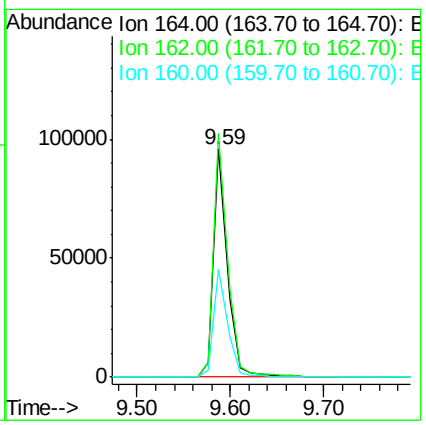


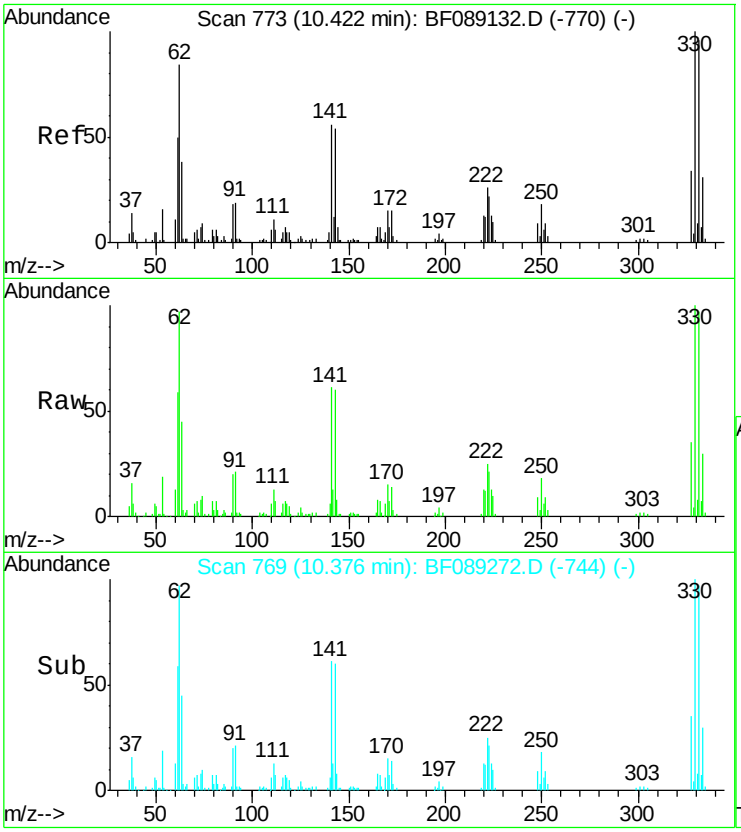


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Tgt Ion:164 Resp: 98496

Ion	Ratio	Lower	Upper
164	100		
162	106.8	84.1	126.1
160	47.2	37.1	55.7



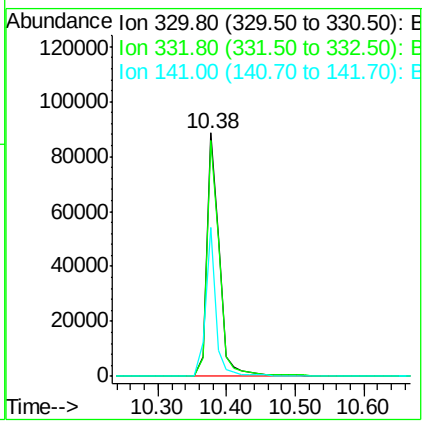


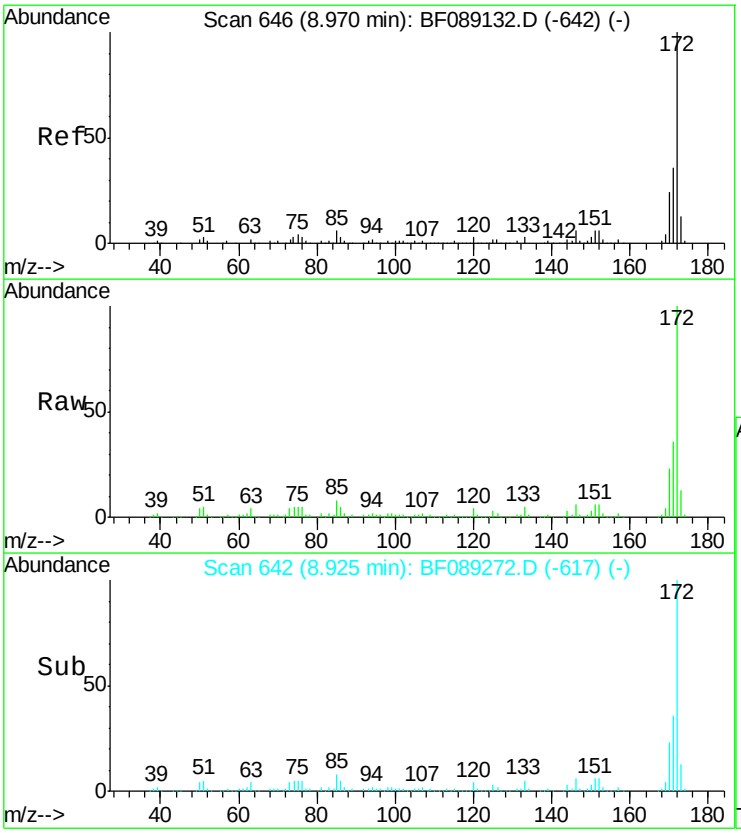
#41
2,4,6-Tribromophenol
Concen: 128.12 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Instrument :
BNA_F
ClientSampleId :
GCF-SW-1

Tgt Ion:330 Resp: 113612

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.2	115.8
141	49.8	42.2	63.2

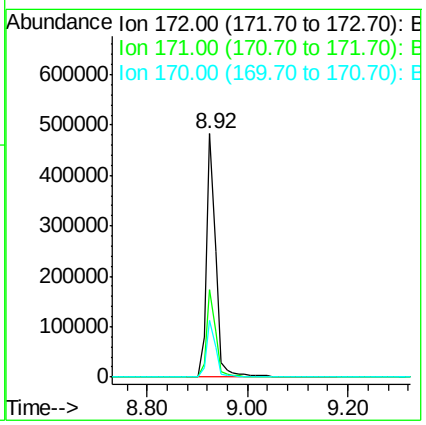


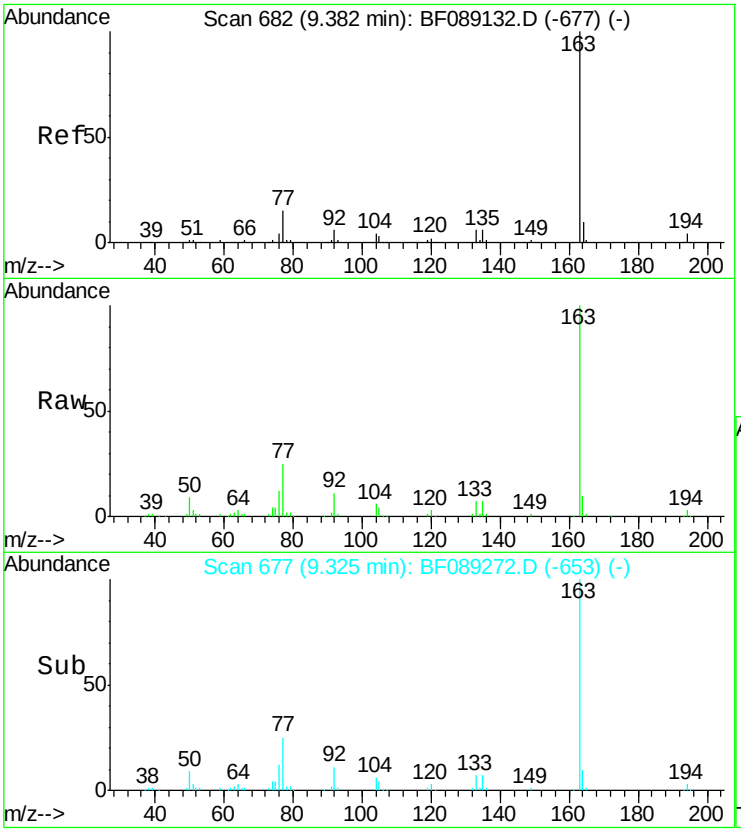


#44
2-Fluorobiphenyl
Concen: 86.70 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Tgt Ion:172 Resp: 619758

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.3	19.1	28.7



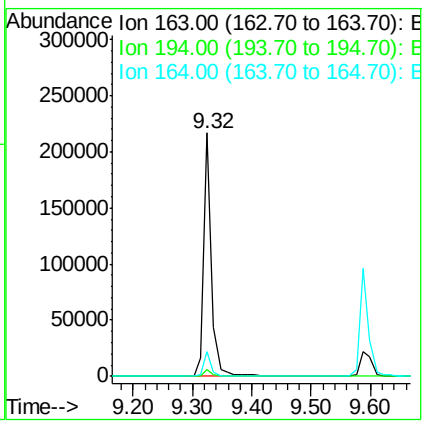


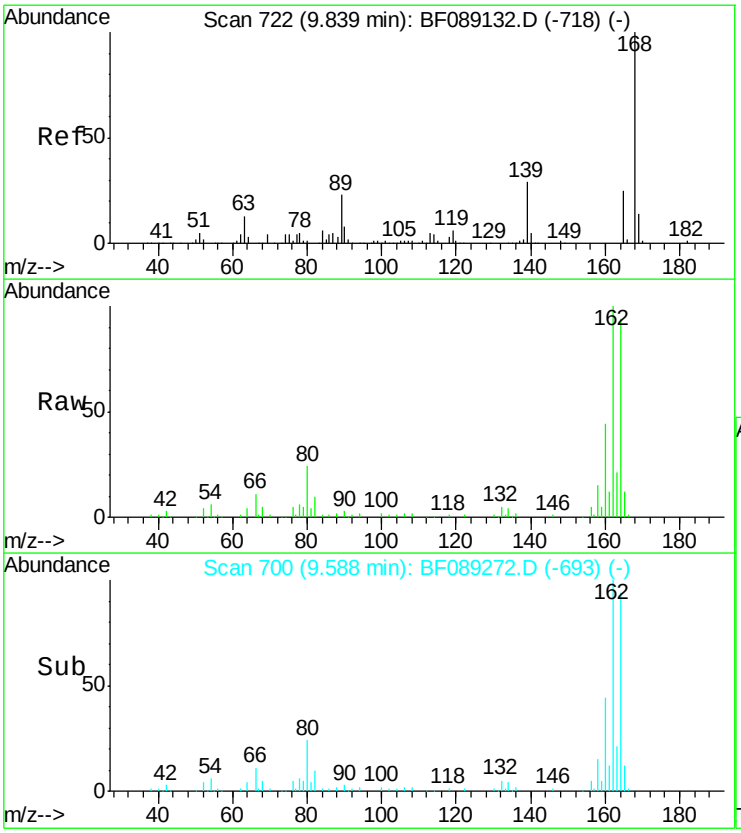
#49
Dimethylphthalate
Concen: 26.99 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Instrument :
BNA_F
ClientSampleId :
GCF-SW-1

Tgt Ion:163 Resp: 204037

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.9	4.3
164	10.2	7.6	11.4

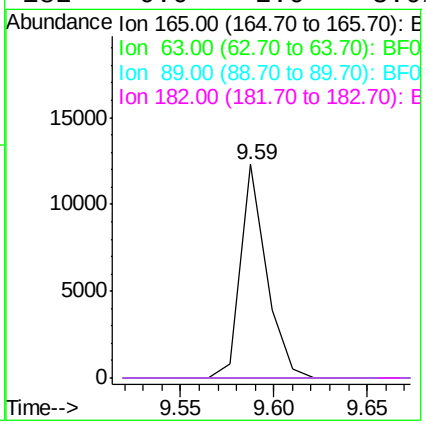


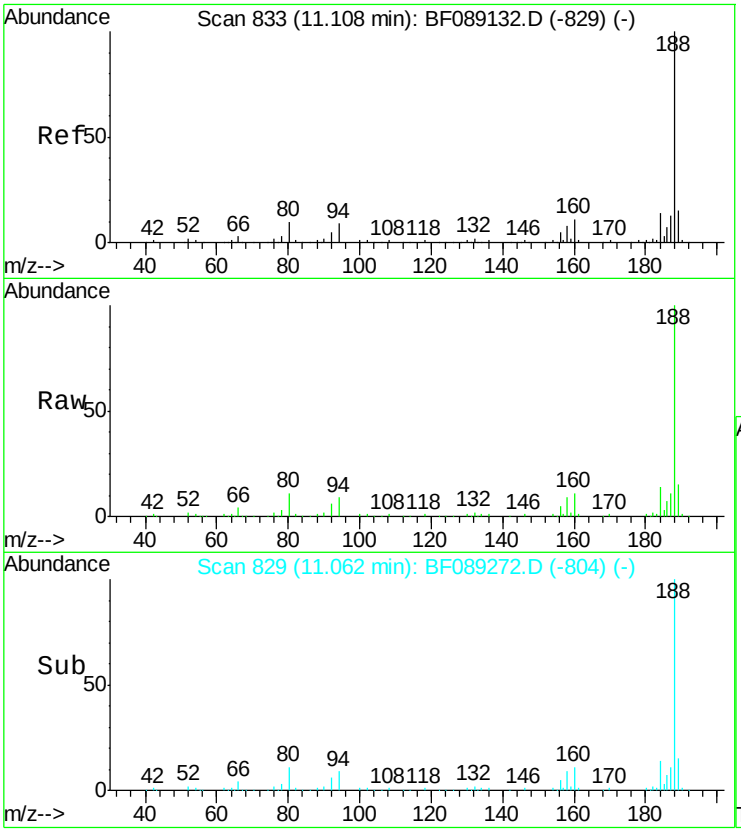


#56
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.22 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Tgt Ion:165 Resp: 12014

Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#



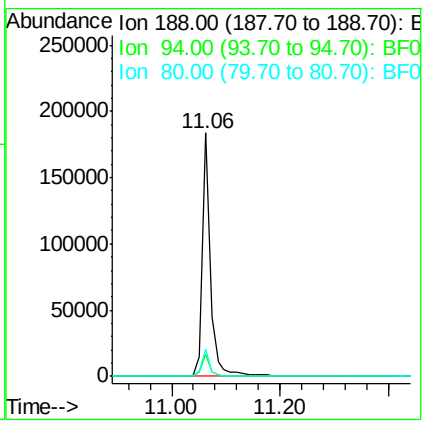


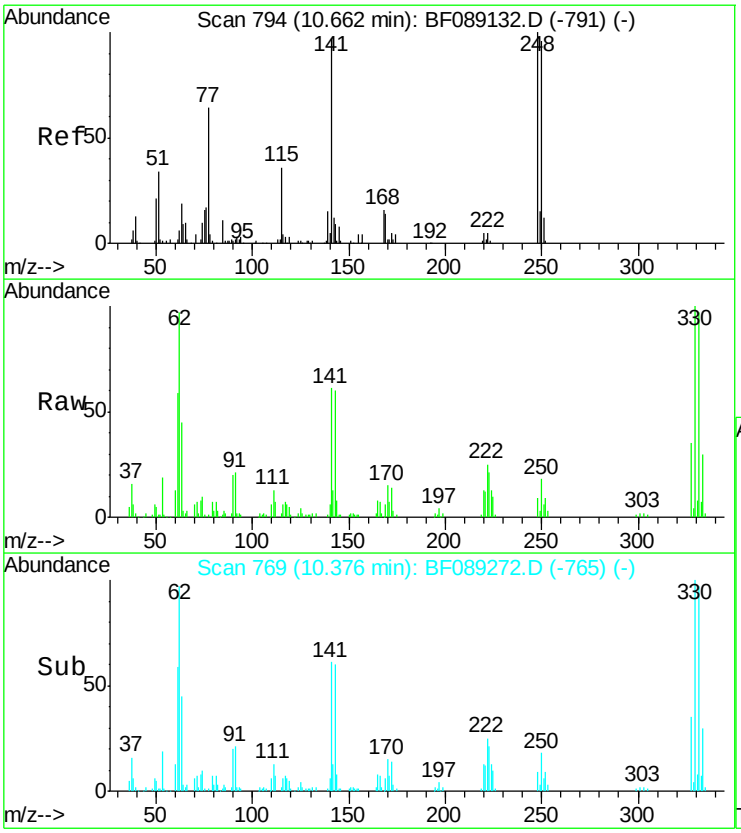
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Instrument :
BNA_F
ClientSampleId :
GCF-SW-1

Tgt Ion:188 Resp: 190707

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.4
80	11.1	7.7	11.5

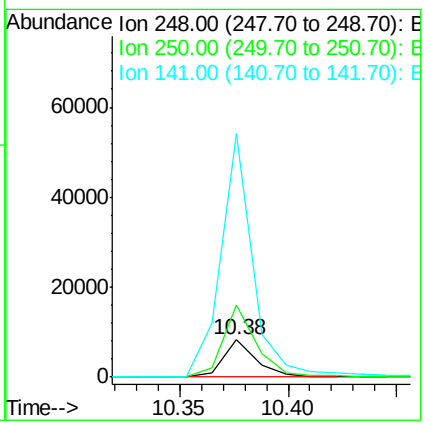


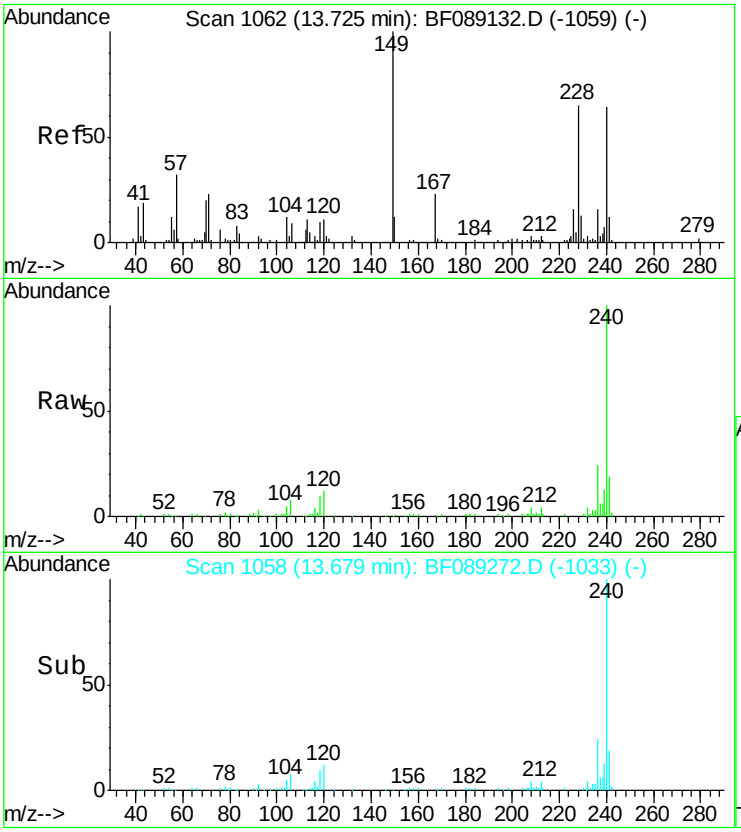


#66
4-Bromophenyl-phenylether
Concen: 4.59 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.25 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Tgt Ion:248 Resp: 8655

Ion	Ratio	Lower	Upper
248	100		
250	194.0	76.9	115.3#
141	650.2	77.4	116.2#



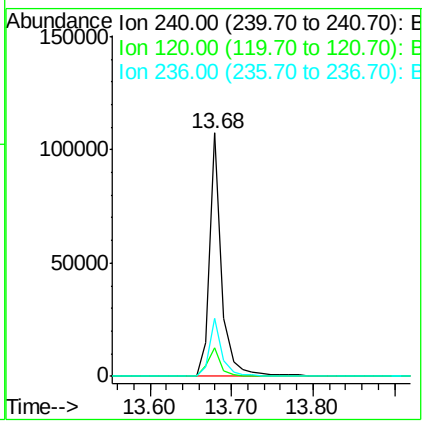


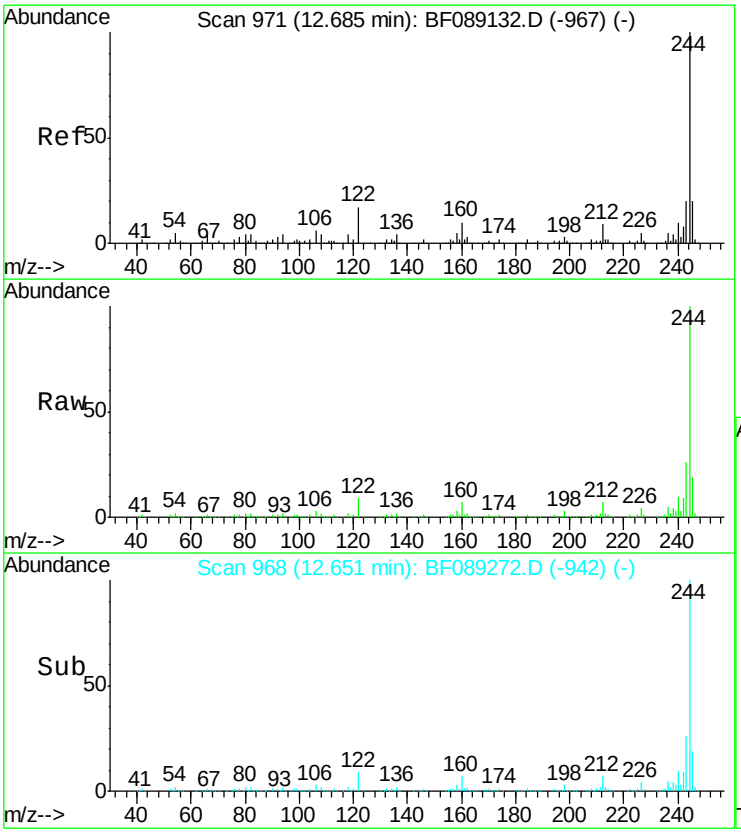
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Instrument :
BNA_F
ClientSampleId :
GCF-SW-1

Tgt Ion:240 Resp: 113052

Ion	Ratio	Lower	Upper
240	100		
120	11.7	13.6	20.4#
236	24.1	20.5	30.7

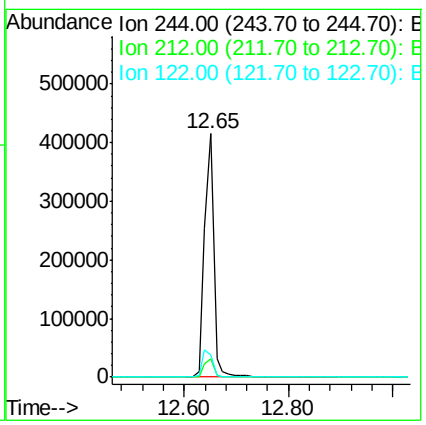


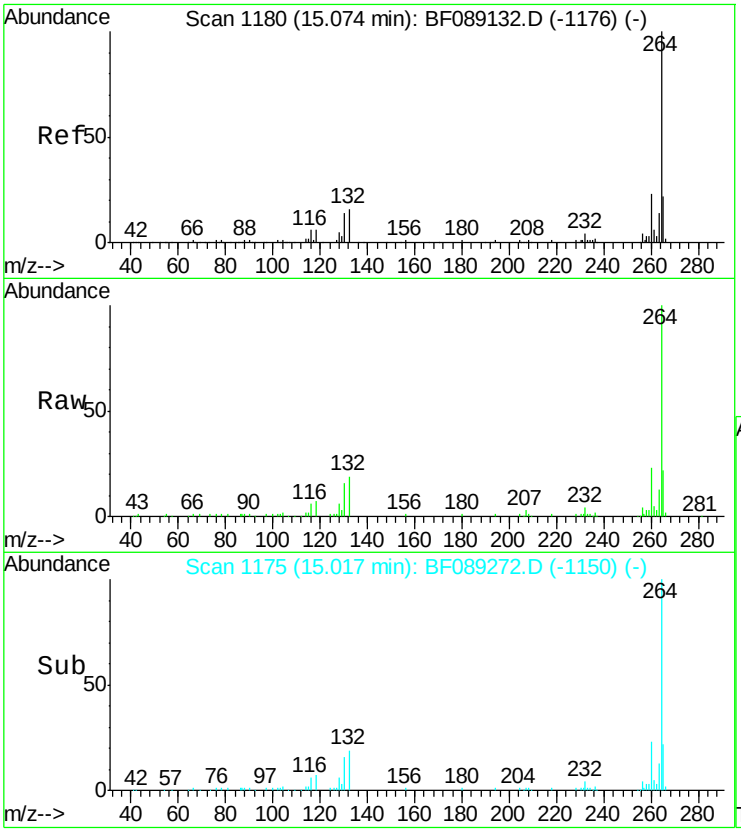


#78
Terphenyl-d14
Concen: 97.69 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Tgt Ion:244 Resp: 509179

Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.0	10.4
122	8.9	13.8	20.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF089272.D
Acq: 25 Jul 2016 11:42

Instrument :
BNA_F
ClientSampleId :
GCF-SW-1

Tgt Ion:264 Resp: 91269

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.7	17.3	25.9