Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088622.D
Acq On : 2 Jul 2016 17:38
Operator : UM/SJ
Sample : H3871-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R5-B2(6-12)C

Quant Time: Jul 03 03:03:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106516	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	453762	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	185501	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	286188	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	217415	20.00	ng	-0.02
86) Perylene-d12	15.33	264	219075	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	704565	99.13	ng	-0.01
7) Phenol-d6	6.42	99	895214	97.48	ng	-0.02
23) Nitrobenzene-d5	7.36	82	589617	68.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	154887	89.92	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	741617	63.15	ng	-0.02
78) Terphenyl-d14	12.89	244	469663	48.12	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	78442	12.72	ng	# 70
49) Dimethylphthalate	9.55	163	184341	13.95	ng	98
56) 2,4-Dinitrotoluene	9.83	165	23834	6.22	ng	# 38
66) 4-Bromophenyl-phenylether	10.62	248	10236	3.55	ng	# 1

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

Quantitation Report (Not Reviewed)

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BNA_F
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R5-B2(6-12)C

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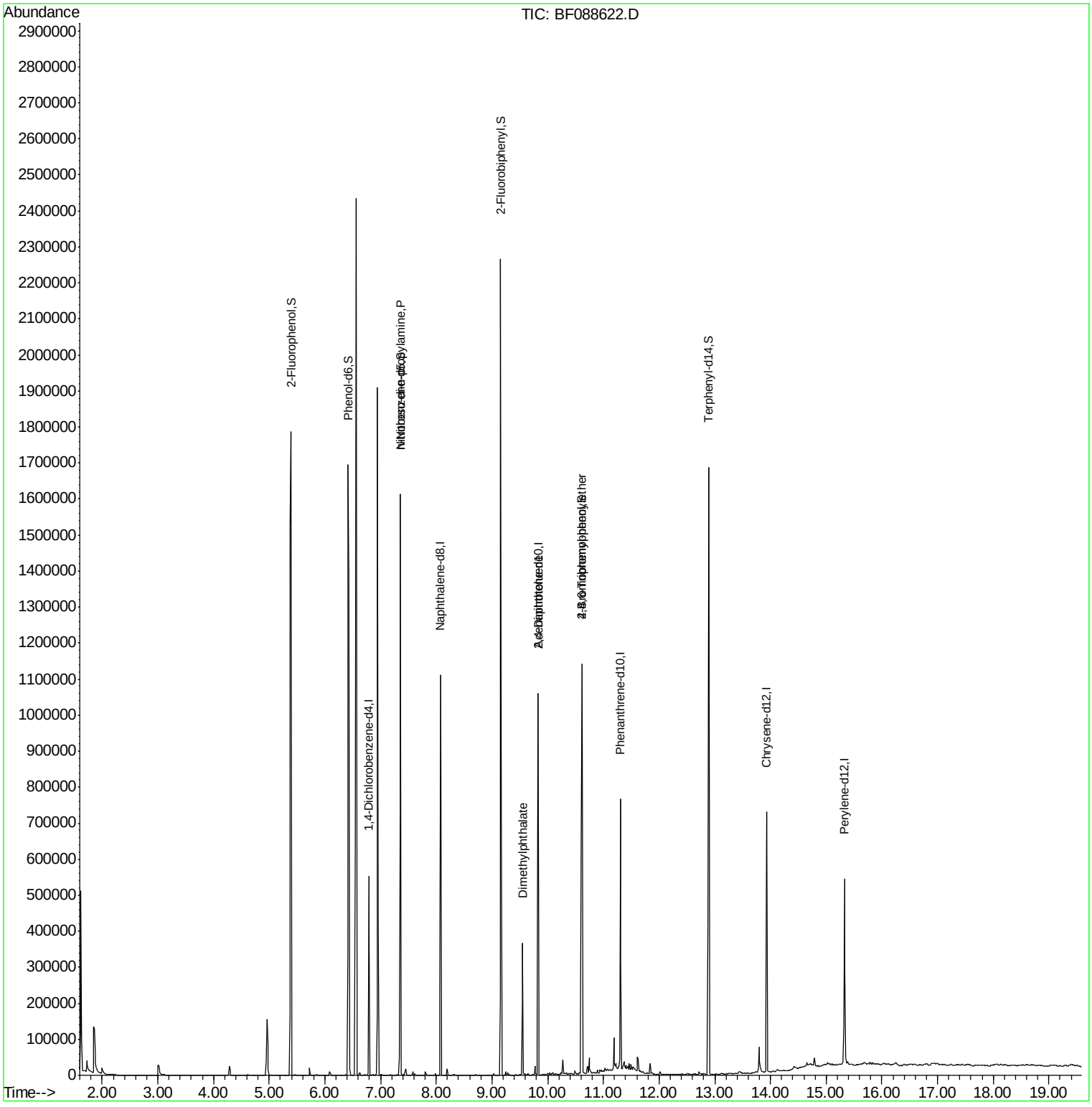
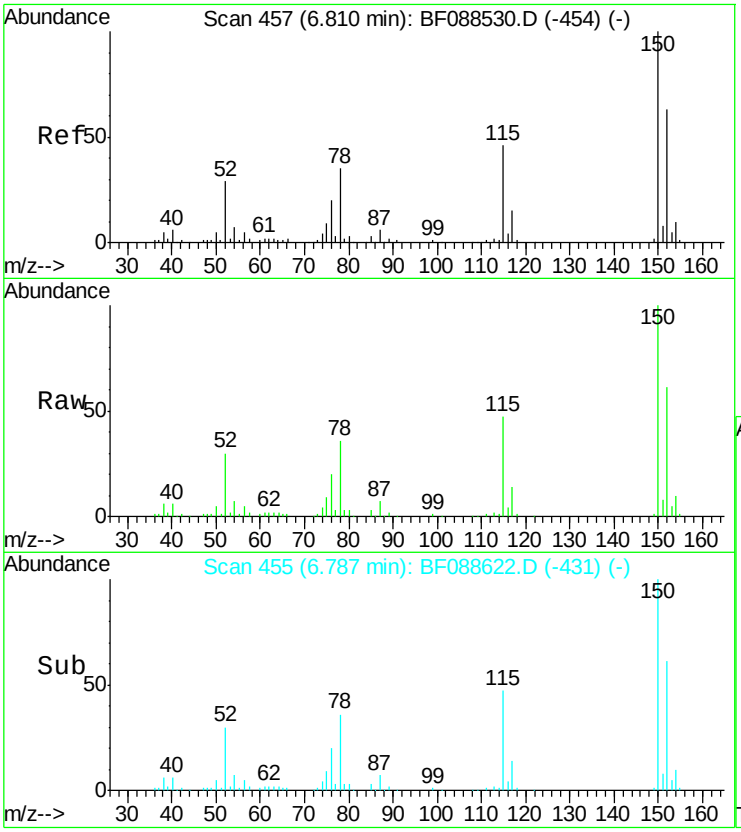


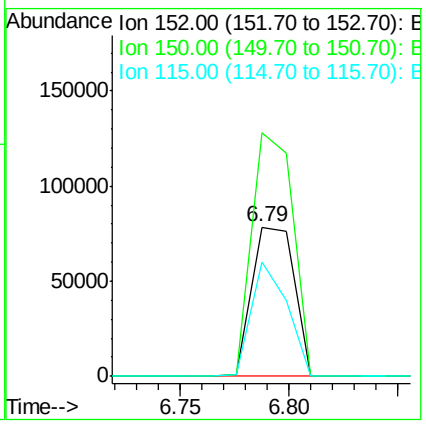


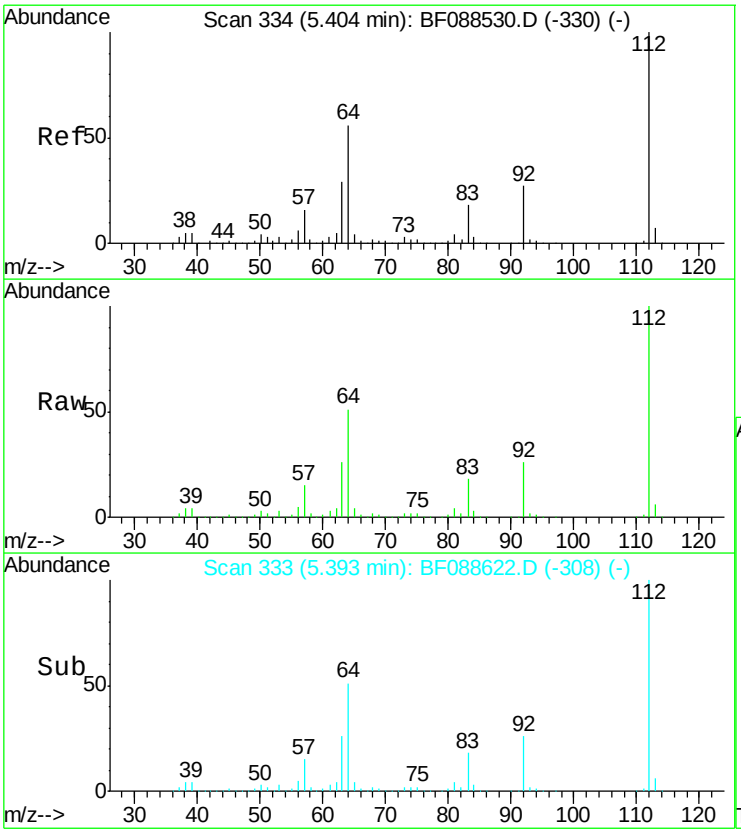
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Instrument :
BNA_F
ClientSampleId :
R5-B2(6-12)C

Tgt Ion:152 Resp: 106516

Ion	Ratio	Lower	Upper
152	100		
150	163.3	123.8	185.6
115	76.7	39.6	59.4#

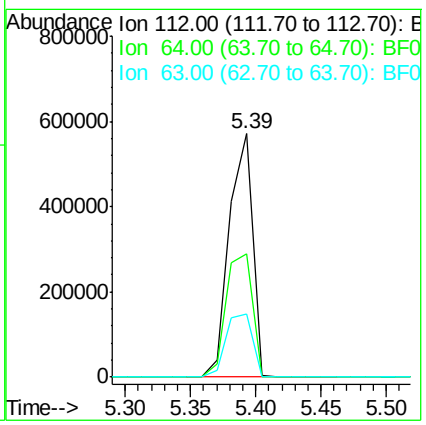


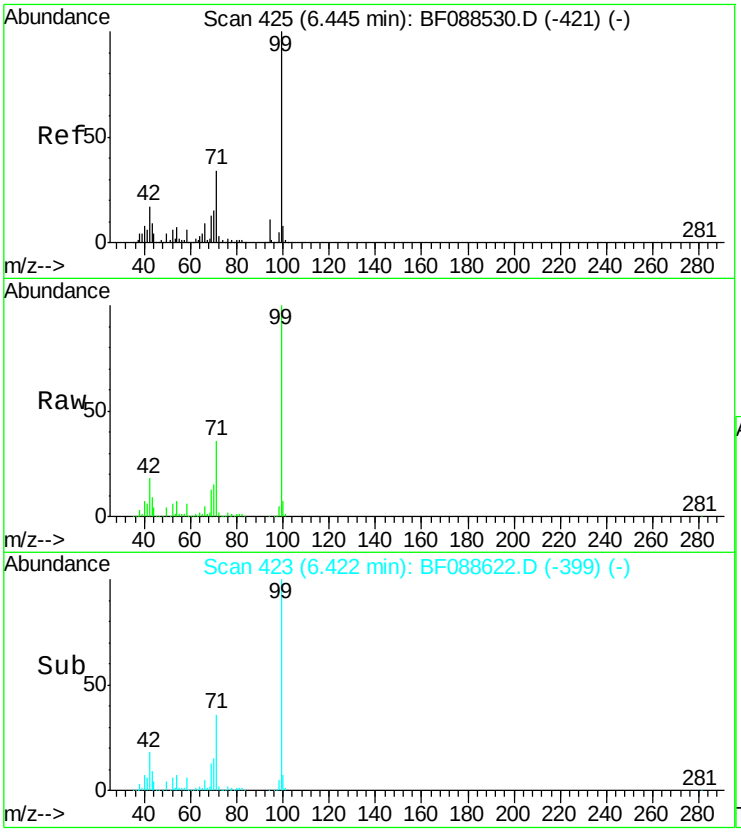


#5
2-Fluorophenol
Concen: 99.13 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Tgt Ion:112 Resp: 704565

Ion	Ratio	Lower	Upper
112	100		
64	50.5	42.2	63.2
63	26.1	21.8	32.8



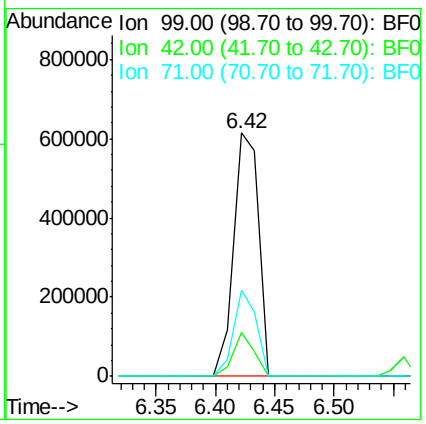


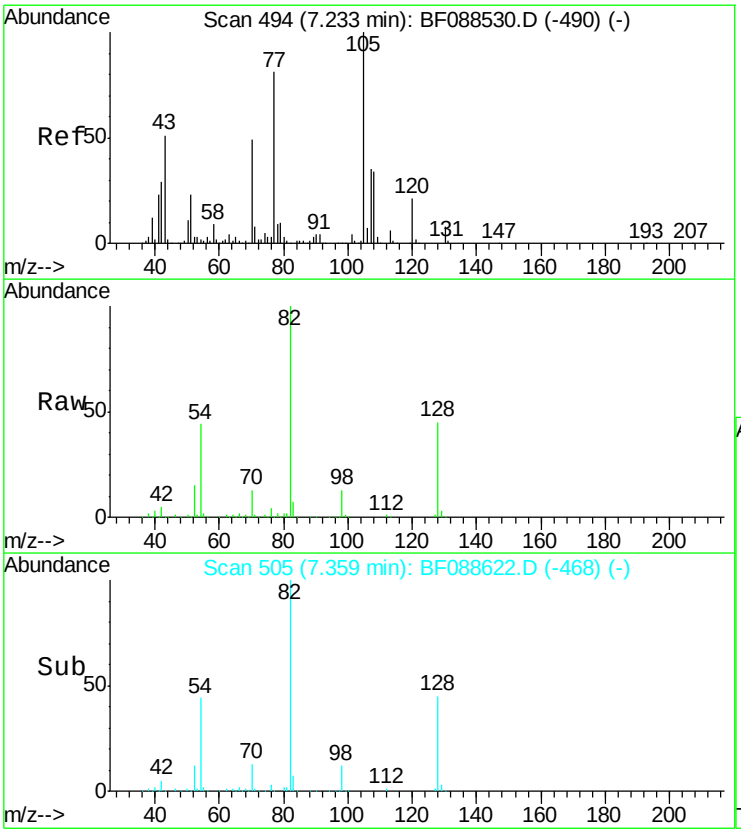
#7
Phenol-d6
Concen: 97.48 ng
RT: 6.42 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Instrument :
BNA_F
ClientSampleId :
R5-B2(6-12)C

Tgt Ion: 99 Resp: 895214

Ion	Ratio	Lower	Upper
99	100		
42	17.9	12.2	18.2
71	35.5	23.4	35.0#

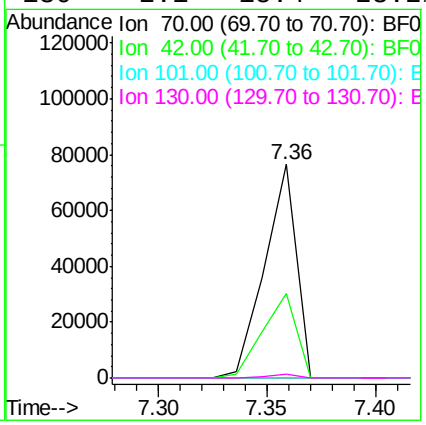


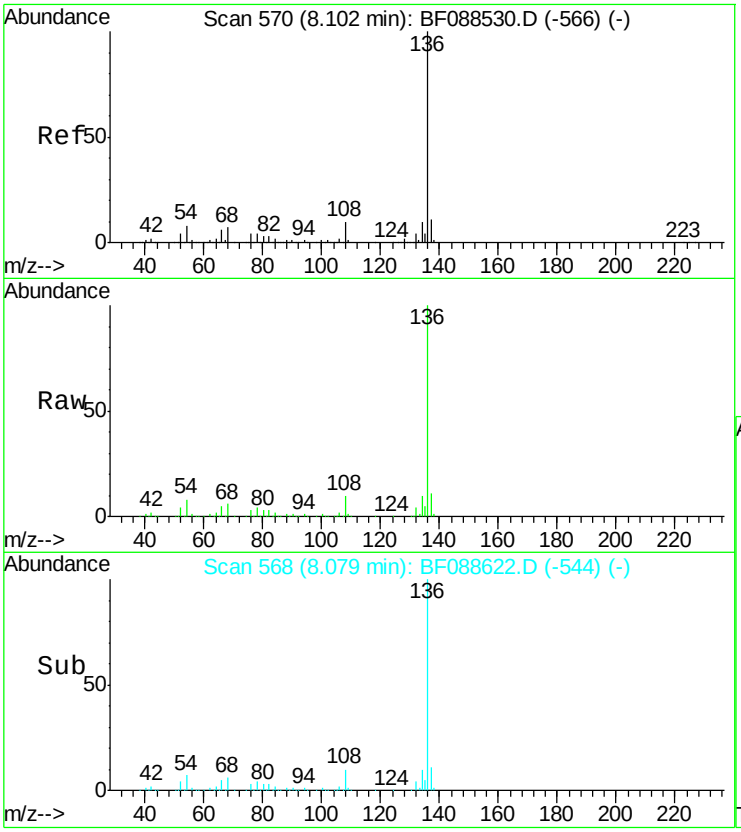


#19
n-Nitroso-di-n-propylamine
Concen: 12.72 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.13 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Tgt Ion: 70 Resp: 78442

Ion	Ratio	Lower	Upper
70	100		
42	39.8	49.6	74.4#
101	0.0	7.1	10.7#
130	2.1	15.4	23.2#



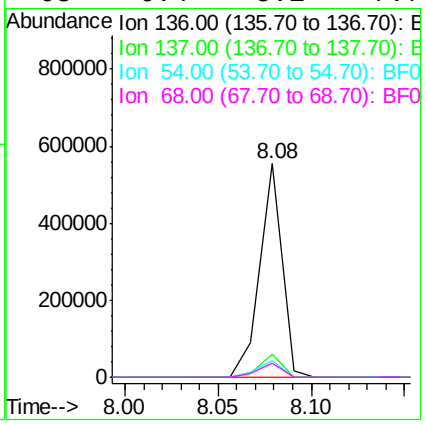


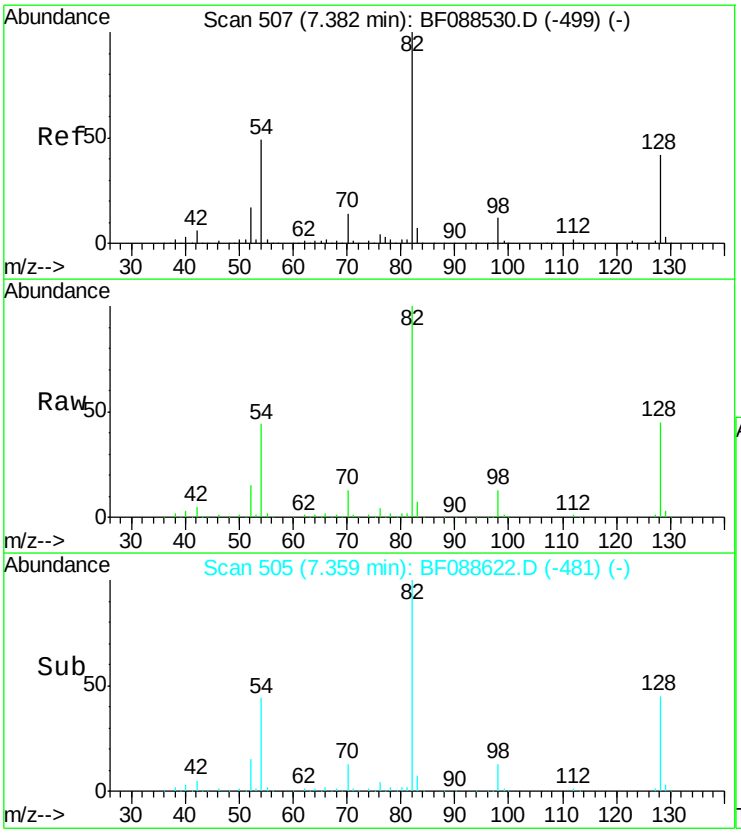
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Instrument :
BNA_F
ClientSampleId :
R5-B2(6-12)C

Tgt Ion:136 Resp: 453762

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.5	6.6	10.0
68	6.4	5.1	7.7

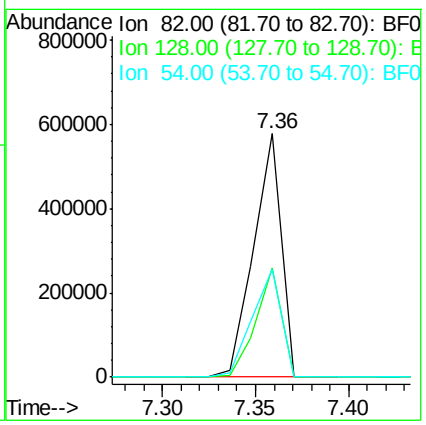


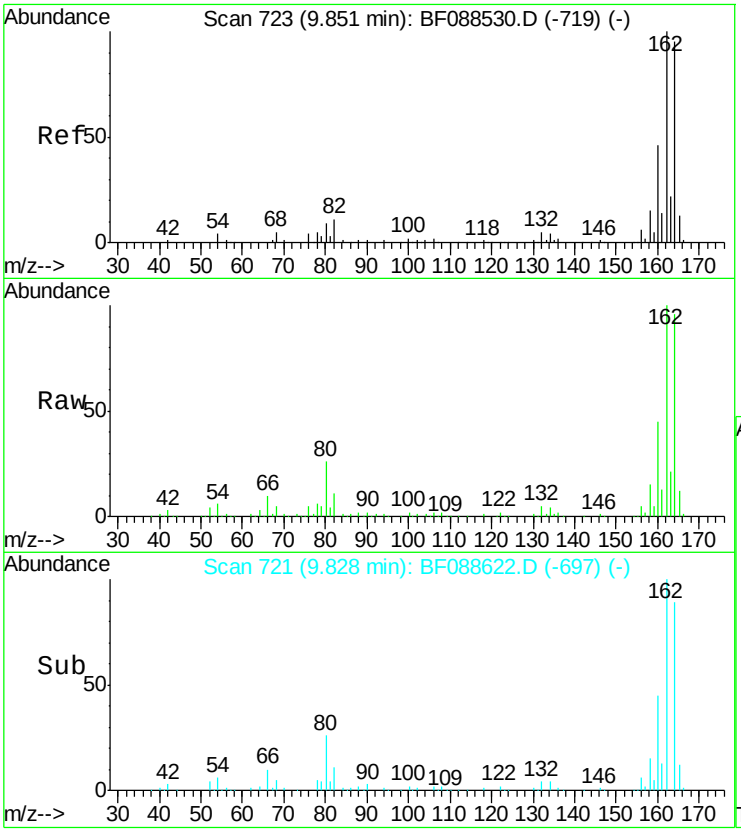


#23
Nitrobenzene-d5
Concen: 68.09 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Tgt Ion: 82 Resp: 589617

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.9	53.9
54	44.5	40.9	61.3



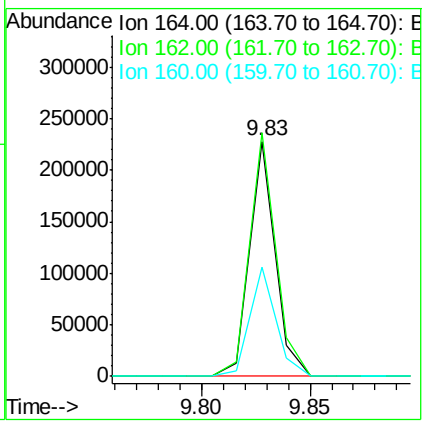


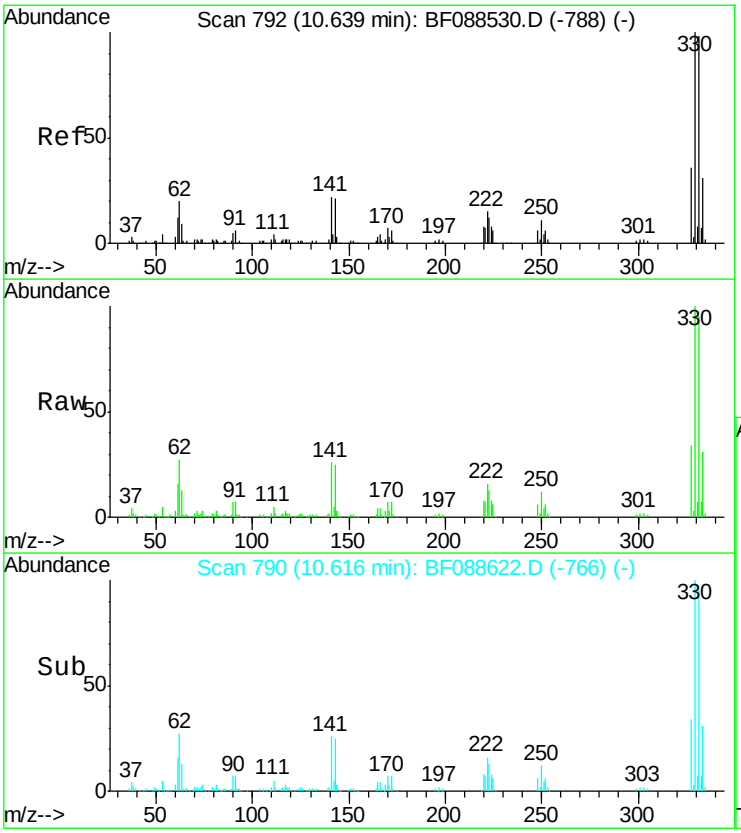
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Instrument :
BNA_F
ClientSampleId :
R5-B2(6-12)C

Tgt Ion:164 Resp: 185501

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.4	128.2
160	46.6	39.5	59.3

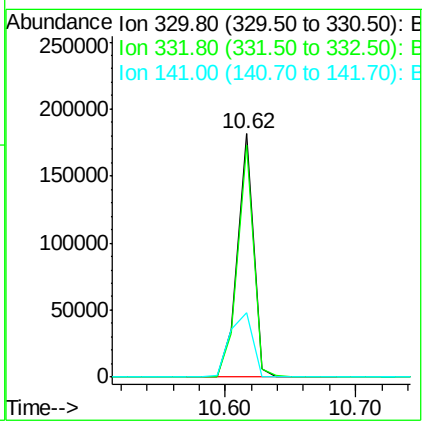


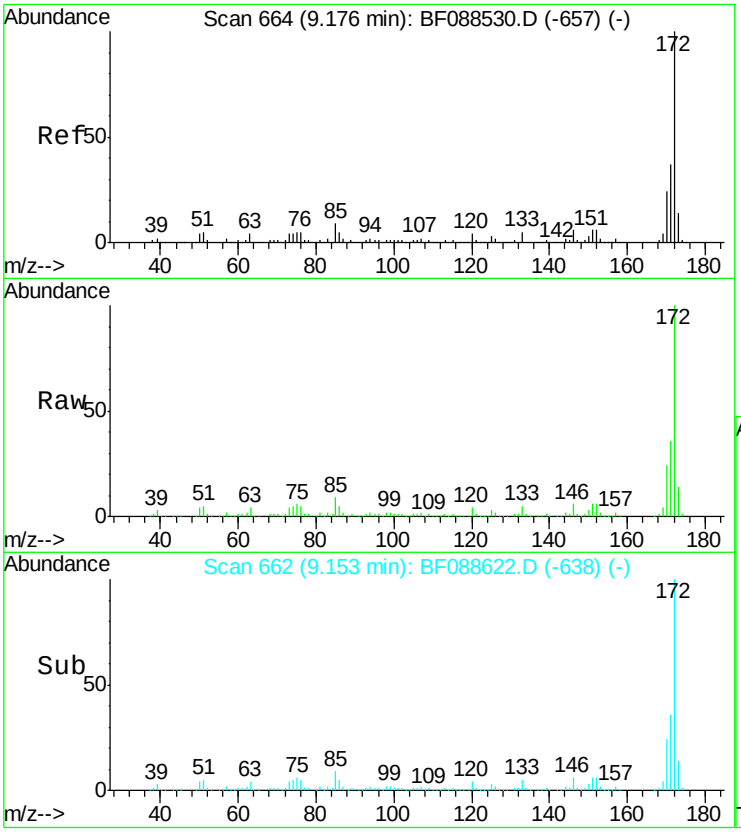


#41
2,4,6-Tribromophenol
Concen: 89.92 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Tgt Ion:330 Resp: 154887

Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	37.6	0.0	0.0#



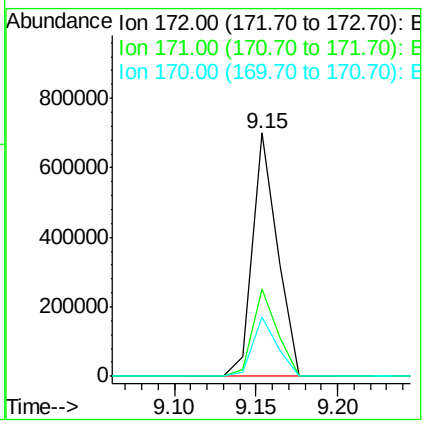


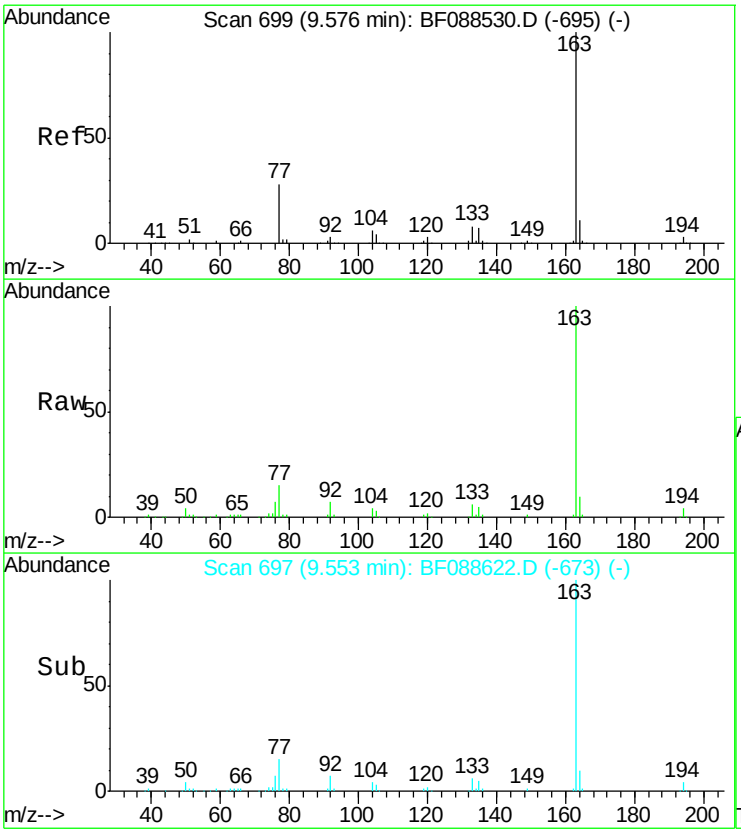
#44
2-Fluorobiphenyl
Concen: 63.15 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Instrument :
BNA_F
ClientSampleId :
R5-B2(6-12)C

Tgt Ion:172 Resp: 741617

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.1	19.2	28.8

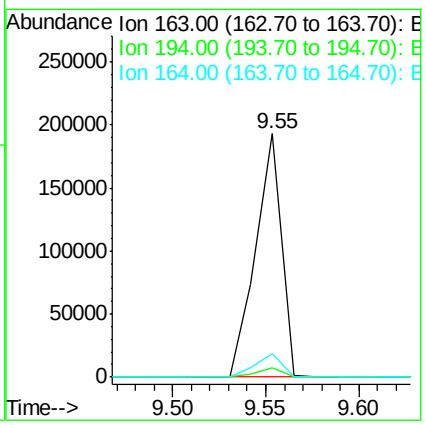


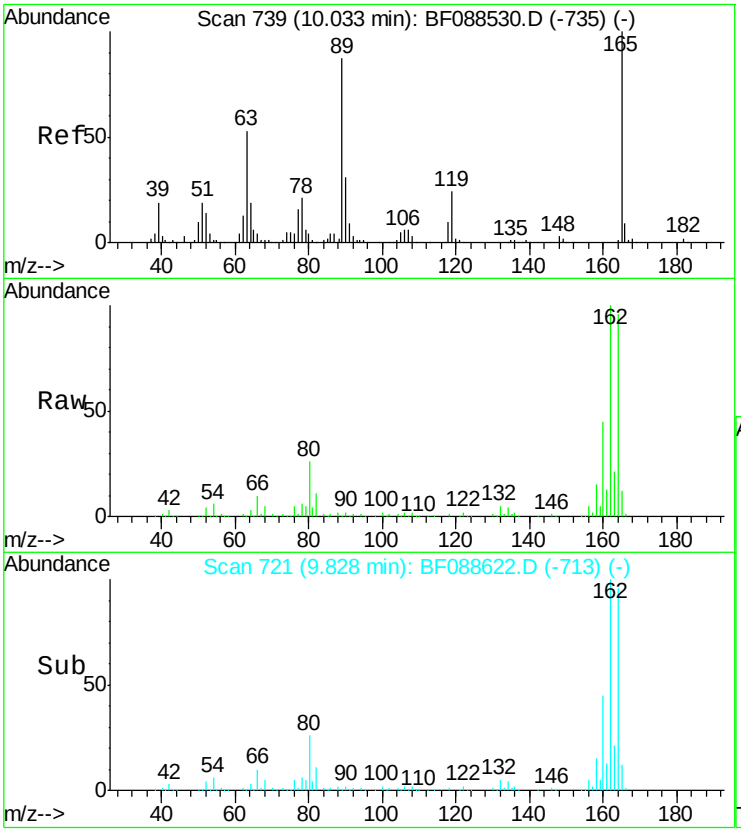


#49
Dimethylphthalate
Concen: 13.95 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Tgt Ion:163 Resp: 184341

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.6	8.3	12.5



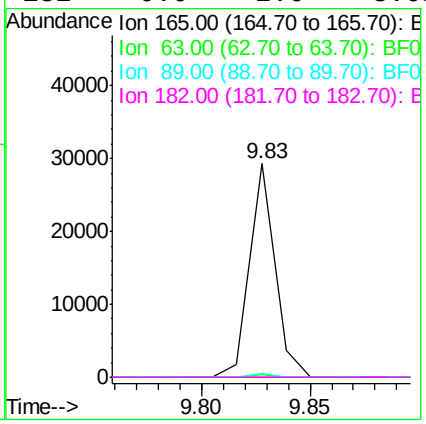


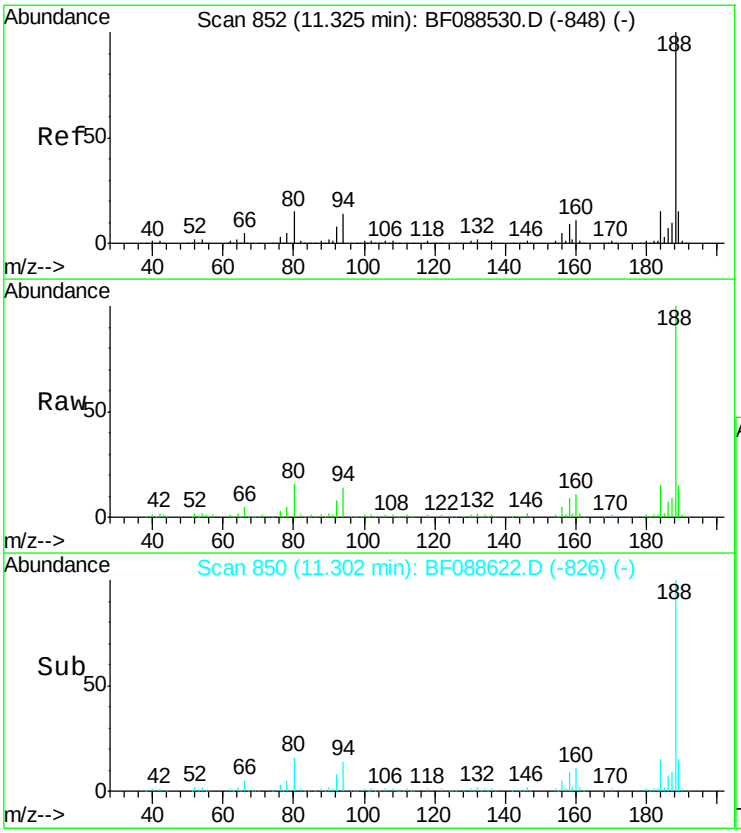
#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.21 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Instrument :
BNA_F
ClientSampleId :
R5-B2(6-12)C

Tgt Ion:165 Resp: 23834

Ion	Ratio	Lower	Upper
165	100		
63	1.3	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#

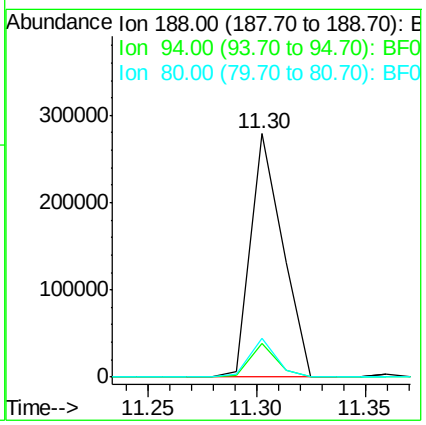


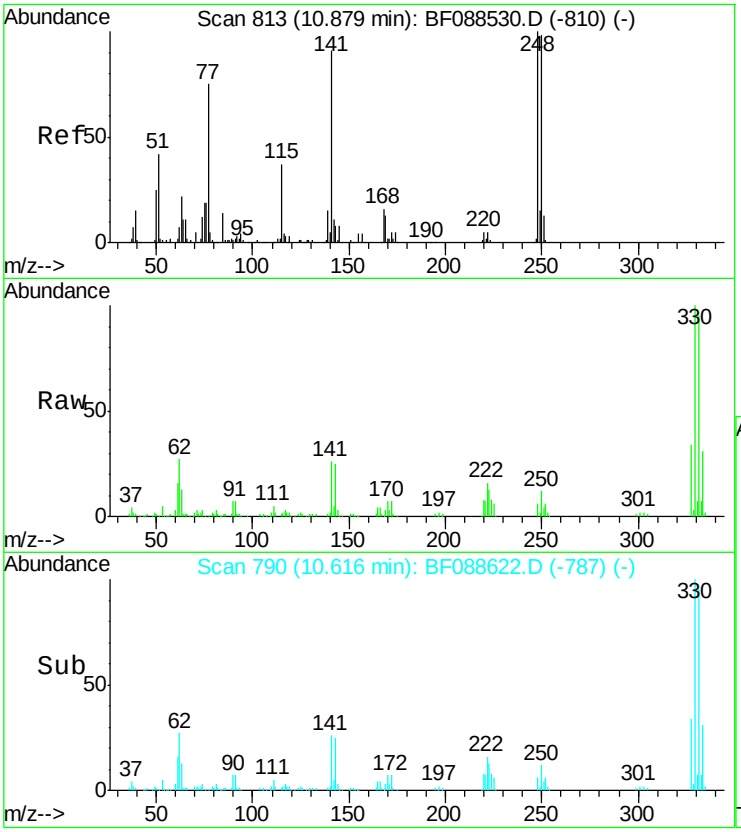


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Tgt Ion:188 Resp: 286188

Ion	Ratio	Lower	Upper
188	100		
94	13.7	9.0	13.6#
80	15.9	10.0	15.0#



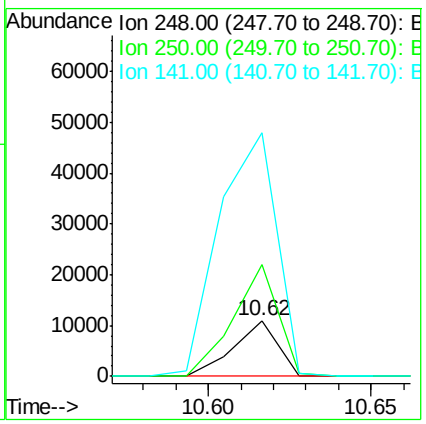


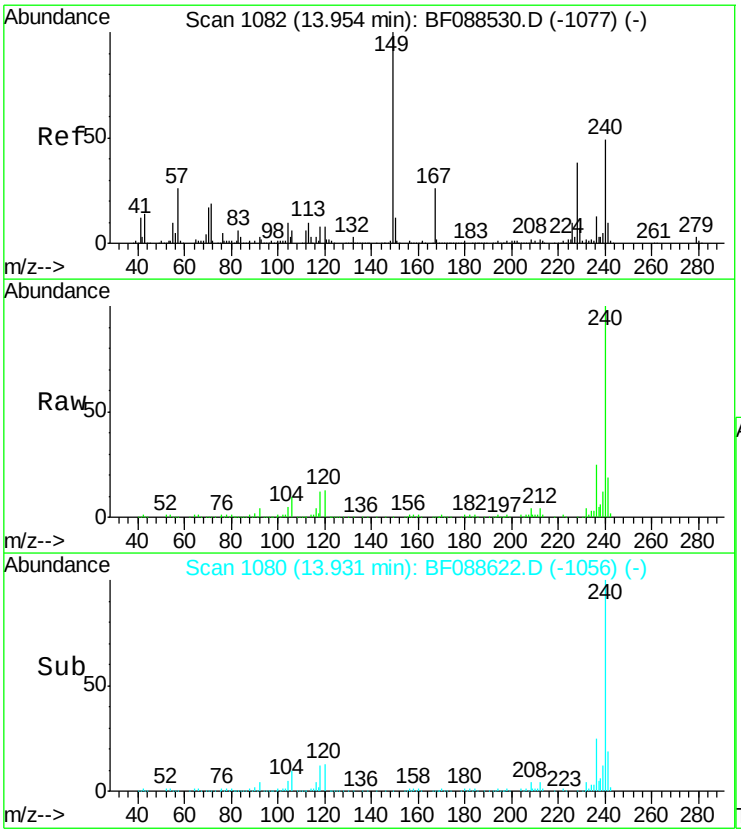
#66
4-Bromophenyl-phenylether
Concen: 3.55 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.26 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Instrument :
BNA_F
ClientSampleId :
R5-B2(6-12)C

Tgt Ion:248 Resp: 10236

Ion	Ratio	Lower	Upper
248	100		
250	200.6	77.1	115.7#
141	437.5	50.6	76.0#

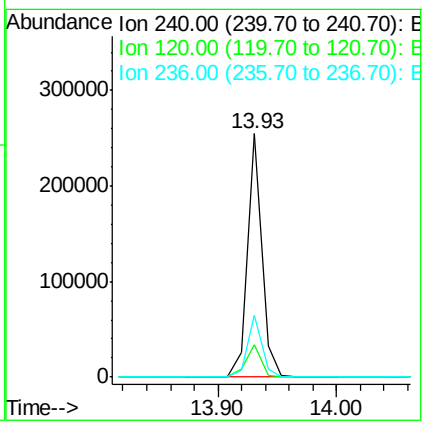


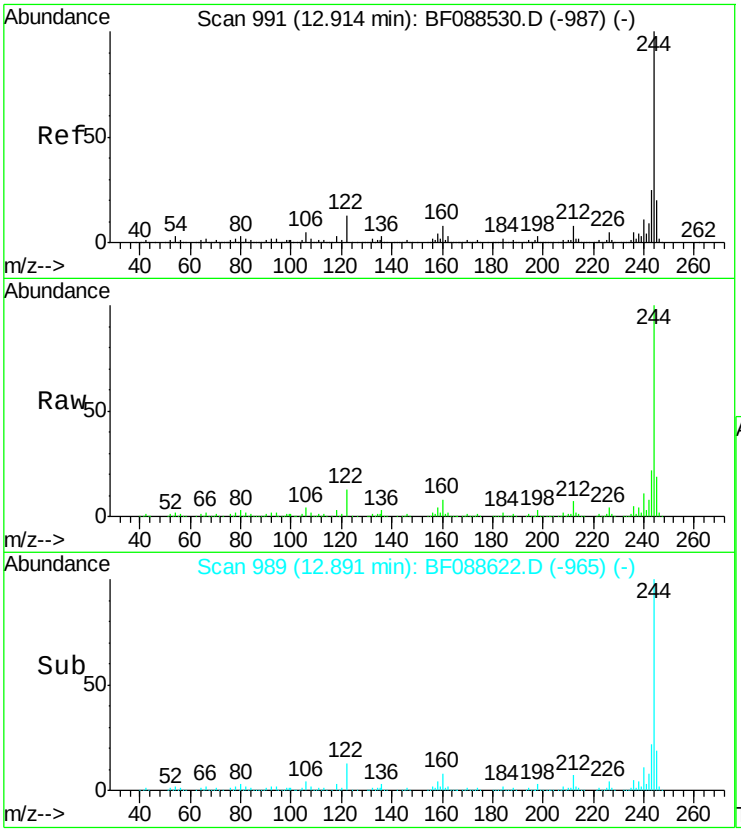


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Tgt Ion:240 Resp: 217415

Ion	Ratio	Lower	Upper
240	100		
120	13.4	6.8	10.2#
236	25.4	20.2	30.2



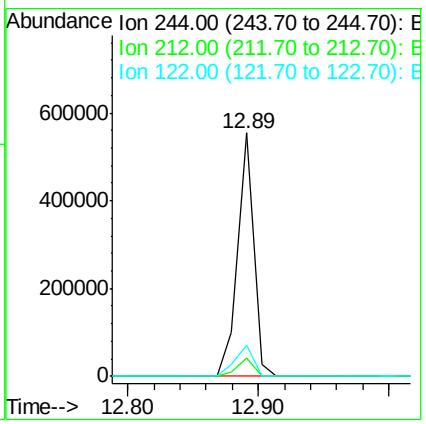


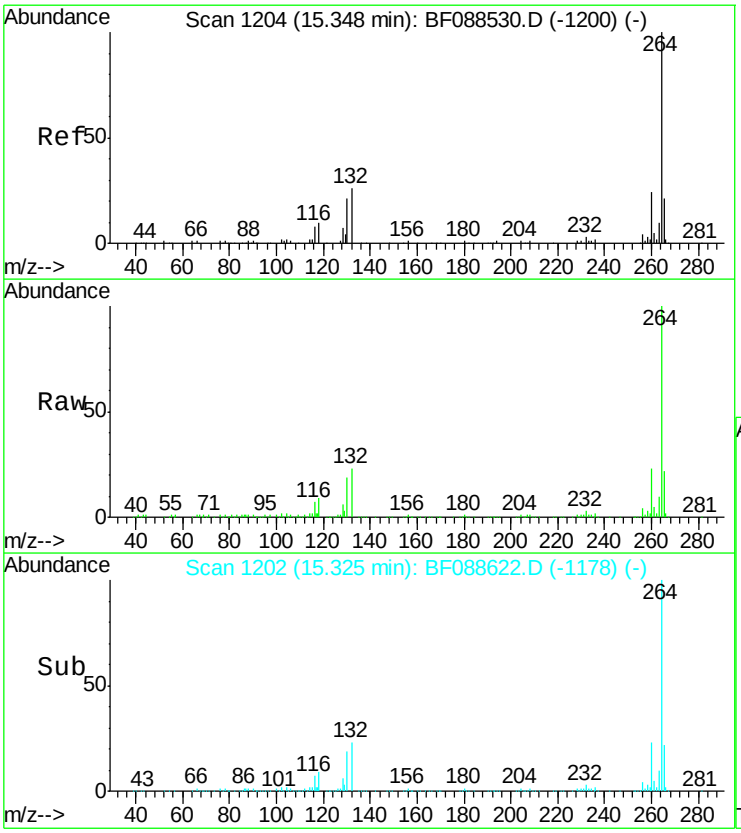
#78
Terphenyl-d14
Concen: 48.12 ng
RT: 12.89 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Instrument :
BNA_F
ClientSampleId :
R5-B2(6-12)C

Tgt Ion:244 Resp: 469663

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.8	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF088622.D
Acq: 2 Jul 2016 17:38

Tgt Ion:264 Resp: 219075

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	16.9	25.3