Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
Data File : BF082642.D
Acq On : 2 Nov 2015 20:34
Operator : UM/IZ
Sample : G4238-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-18L

Quant Time: Nov 03 02:31:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	188986	20.00	ng		-0.02
21) Naphthalene-d8	8.18	136	680040	20.00	ng		-0.01
38) Acenaphthene-d10	9.93	164	308437	20.00	ng		-0.02
63) Phenanthrene-d10	11.41	188	516723	20.00	ng		-0.02
75) Chrysene-d12	14.05	240	427102	20.00	ng		-0.02
86) Perylene-d12	15.51	264	357040	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1582445	126.11	ng		-0.01
7) Phenol-d6	6.52	99	2040383	122.40	ng		-0.01
23) Nitrobenzene-d5	7.45	82	1222853	73.43	ng		-0.02
41) 2,4,6-Tribromophenol	10.72	330	389438	115.37	ng		-0.02
44) 2-Fluorobiphenyl	9.25	172	1538687	70.83	ng		-0.02
78) Terphenyl-d14	13.00	244	1050786	53.84	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	49542	4.35	ng		85
19) n-Nitroso-di-n-propylamine	7.45	70	170837	13.52	ng	#	73
31) Naphthalene	8.20	128	419604	11.40	ng		97
33) 4-Chloroaniline	8.20	127	55181	3.51	ng	#	31
49) Dimethylphthalate	9.65	163	350293	13.91	ng		97
56) 2,4-Dinitrotoluene	9.93	165	39319	5.57	ng	#	16
66) 4-Bromophenyl-phenylether	10.72	248	25722	4.39	ng	#	1

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

Quantitation Report (Not Reviewed)

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Operator : UM/IZ
Sample : G4238-01
Misc :
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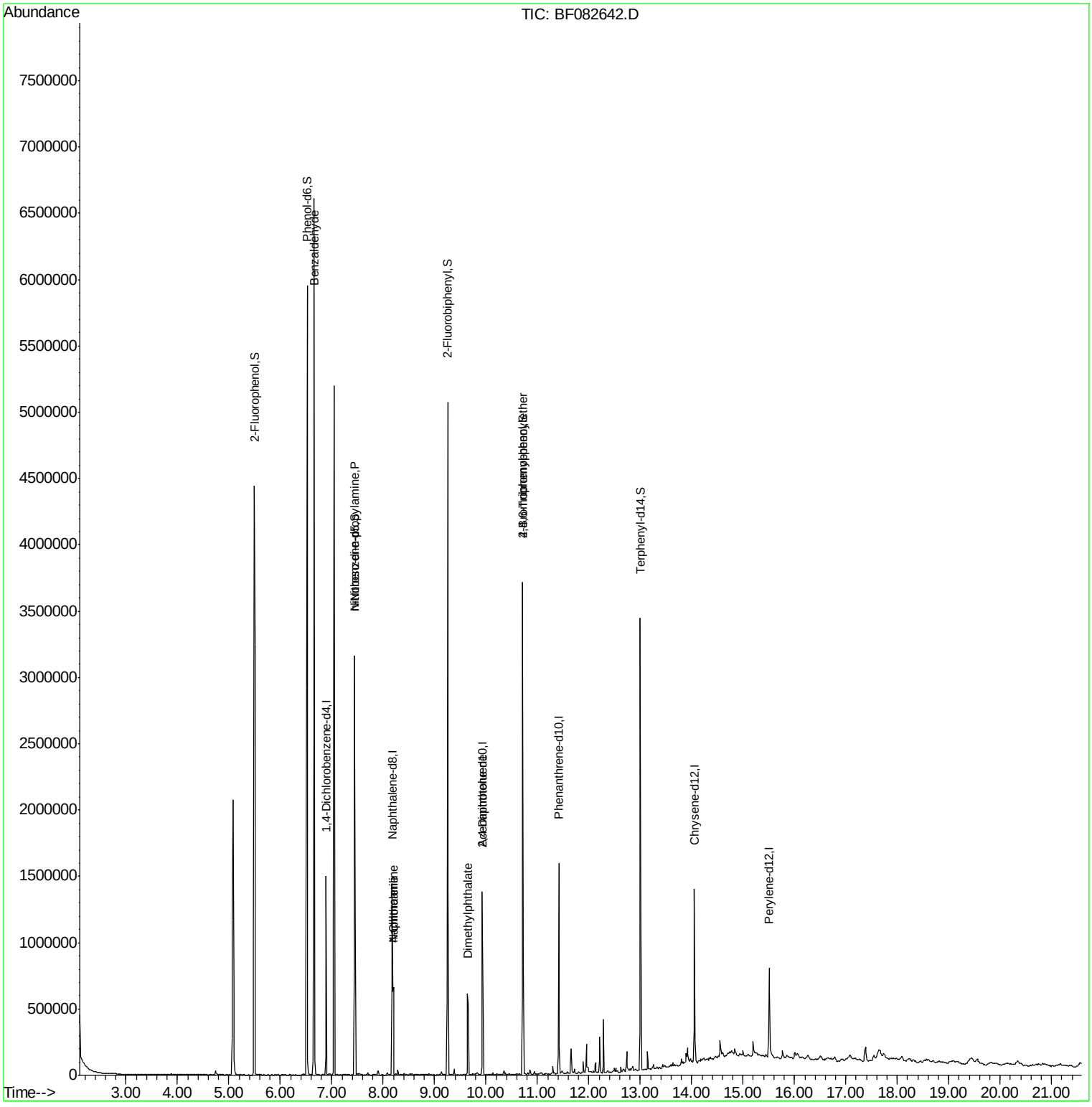
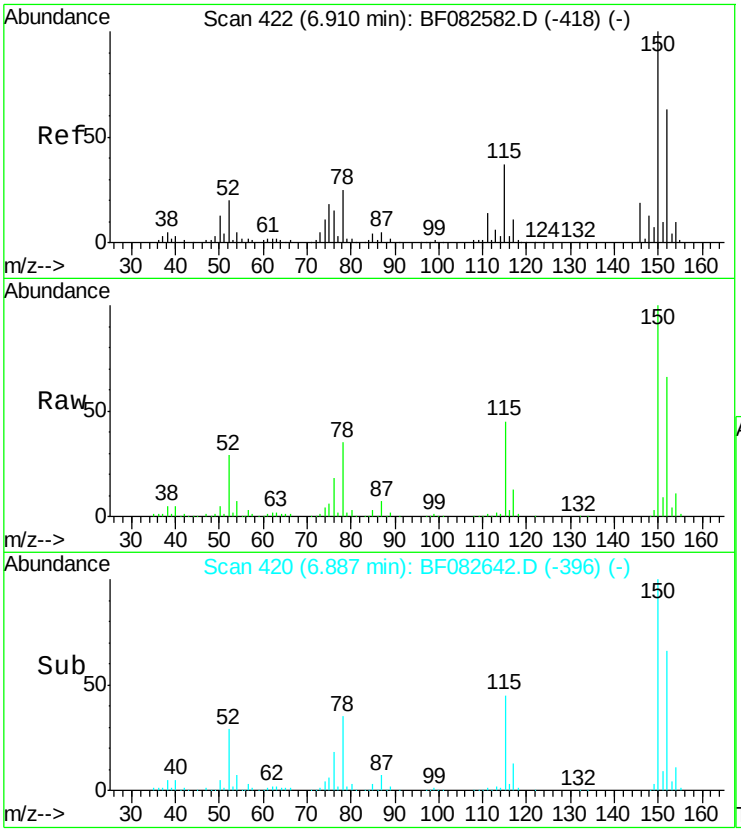


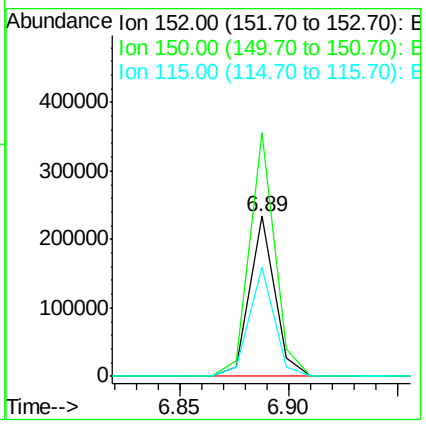


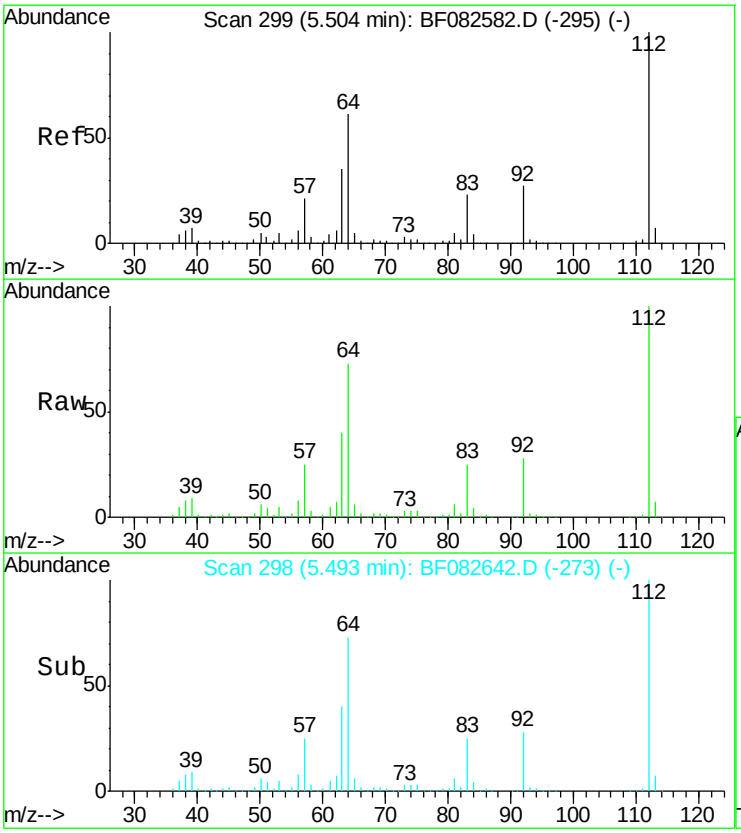
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.02 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Instrument :
BNA_F
ClientSampleId :
T-18L

Tgt Ion:152 Resp: 188986

Ion	Ratio	Lower	Upper
152	100		
150	151.9	127.0	190.4
115	68.3	47.0	70.6

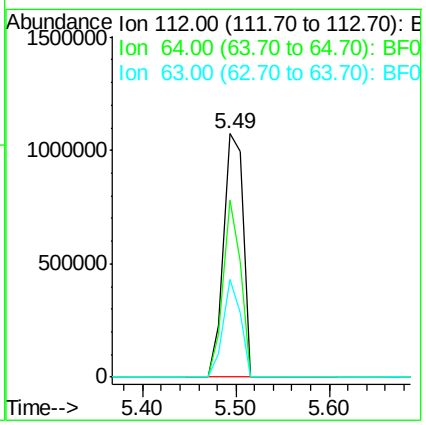


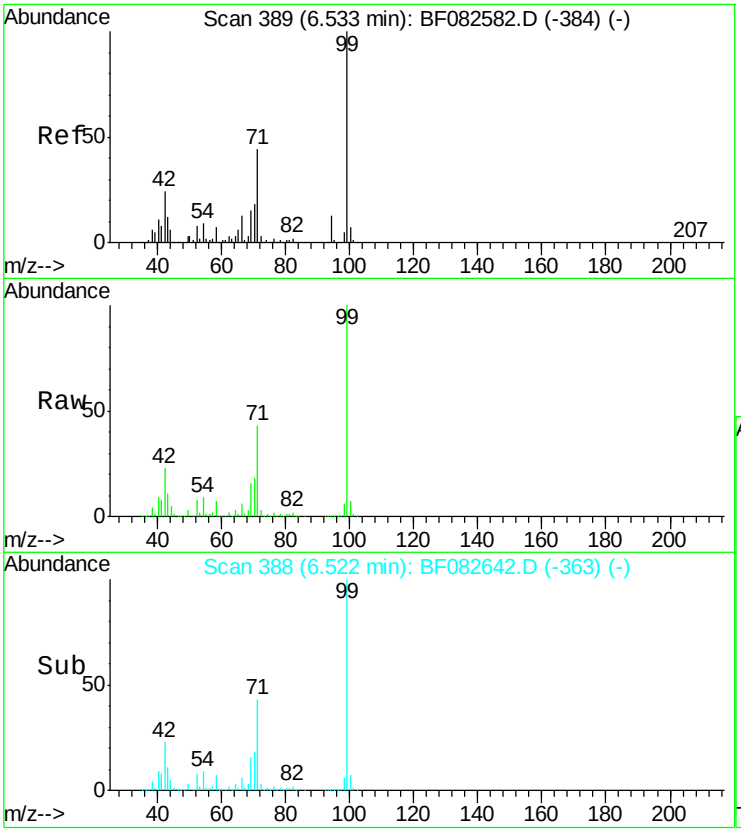


#5
2-Fluorophenol
Concen: 126.11 ng
RT: 5.49 min Scan# 298
Delta R.T. -0.01 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Tgt Ion:112 Resp: 1582445

Ion	Ratio	Lower	Upper
112	100		
64	72.9	48.9	73.3
63	40.0	28.1	42.1



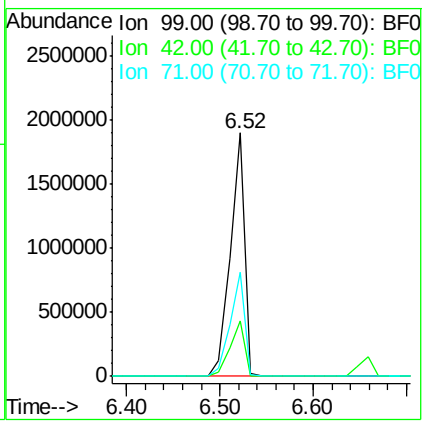


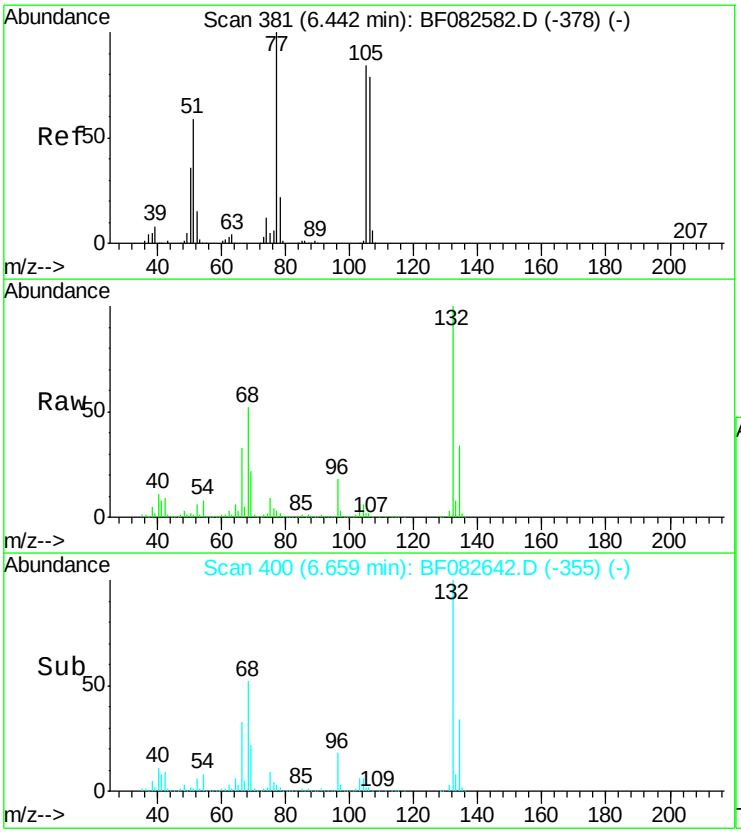
#7
Phenol-d6
Concen: 122.40 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Instrument :
BNA_F
ClientSampleId :
T-18L

Tgt Ion: 99 Resp: 2040383

Ion	Ratio	Lower	Upper
99	100		
42	22.8	19.2	28.8
71	42.9	35.0	52.4

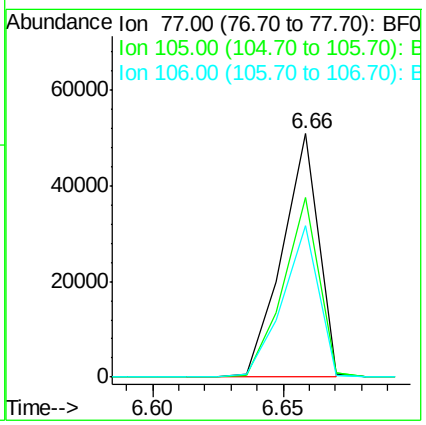


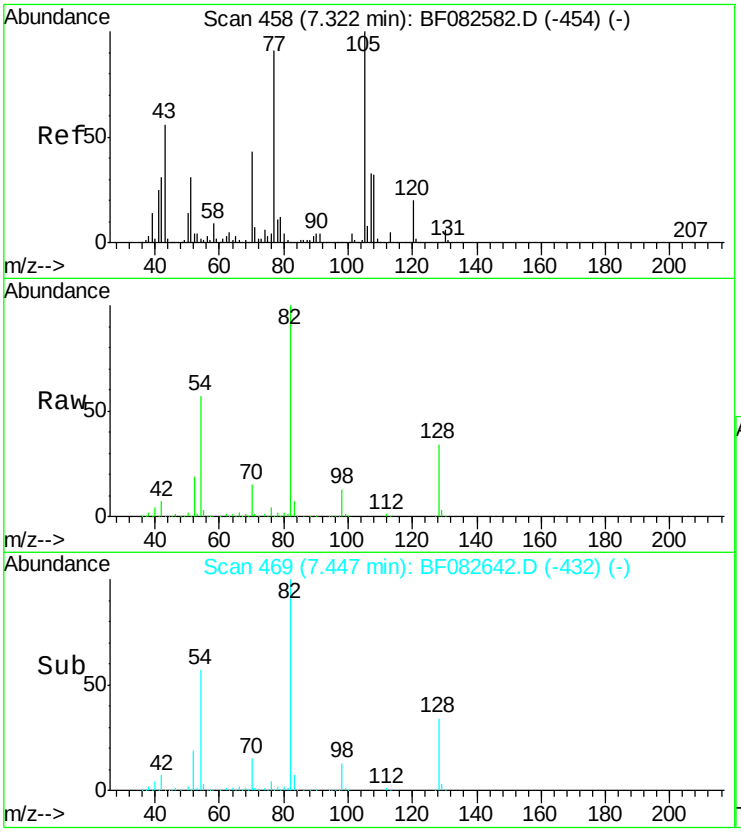


#9
Benzaldehyde
Concen: 4.35 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.22 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Tgt Ion: 77 Resp: 49542

Ion	Ratio	Lower	Upper
77	100		
105	73.6	63.5	103.5
106	62.2	59.3	99.3



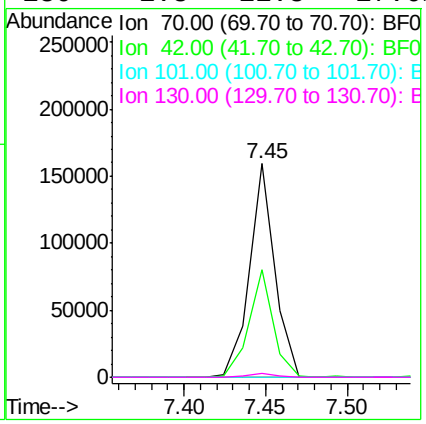


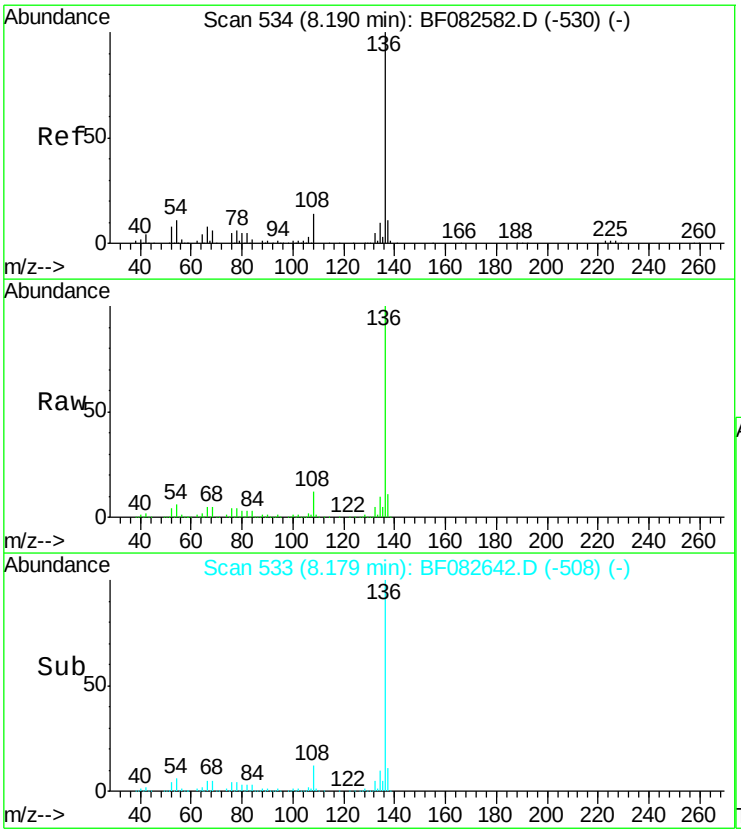
#19
n-Nitroso-di-n-propylamine
Concen: 13.52 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Instrument :
BNA_F
ClientSampleId :
T-18L

Tgt Ion: 70 Resp: 170837

Ion	Ratio	Lower	Upper
70	100		
42	50.4	57.7	86.5#
101	0.0	7.0	10.6#
130	1.8	11.8	17.6#

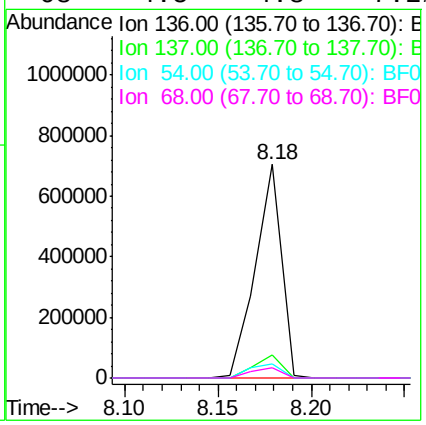


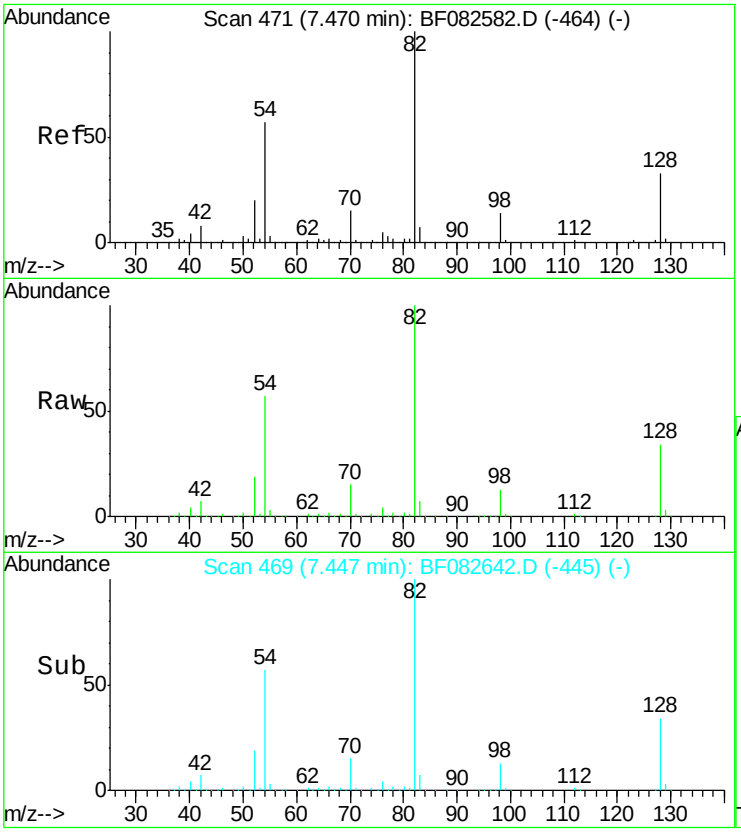


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Tgt Ion:136 Resp: 680040

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.5	9.1	13.7#
68	4.5	4.8	7.2#



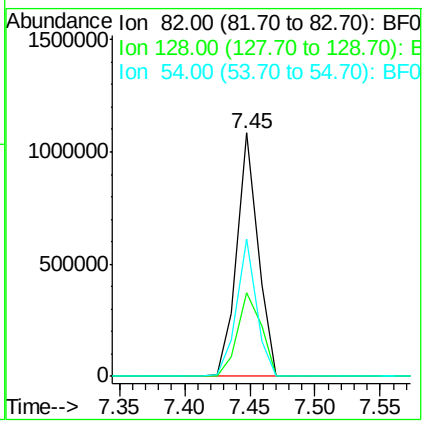


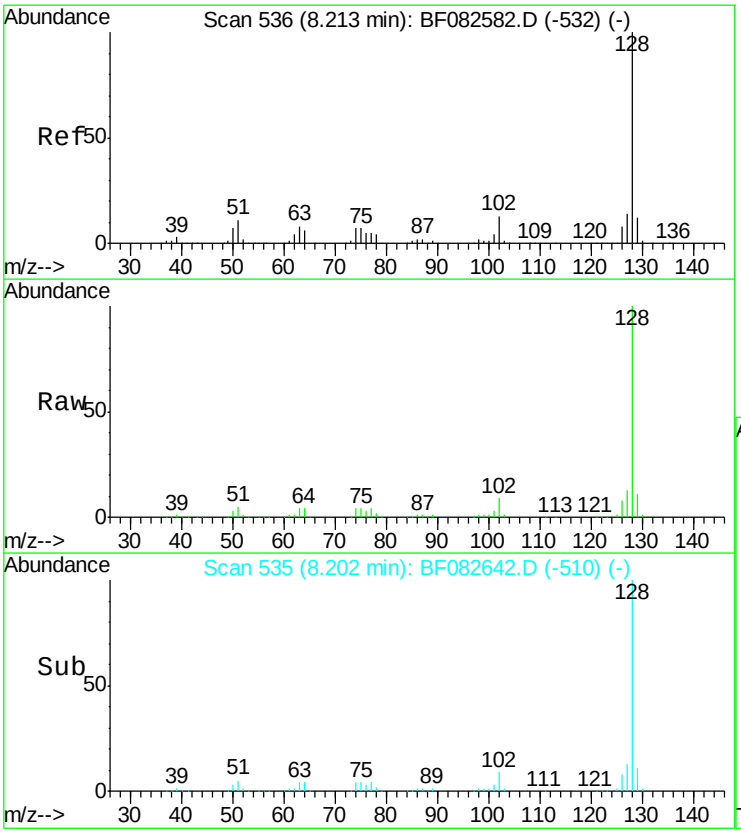
#23
Nitrobenzene-d5
Concen: 73.43 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Instrument :
BNA_F
ClientSampleId :
T-18L

Tgt Ion: 82 Resp: 1222853

Ion	Ratio	Lower	Upper
82	100		
128	34.2	26.8	40.2
54	56.6	45.7	68.5

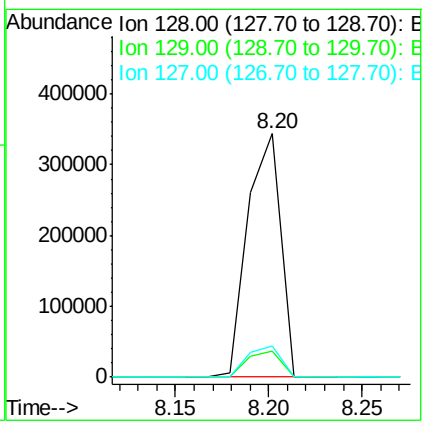


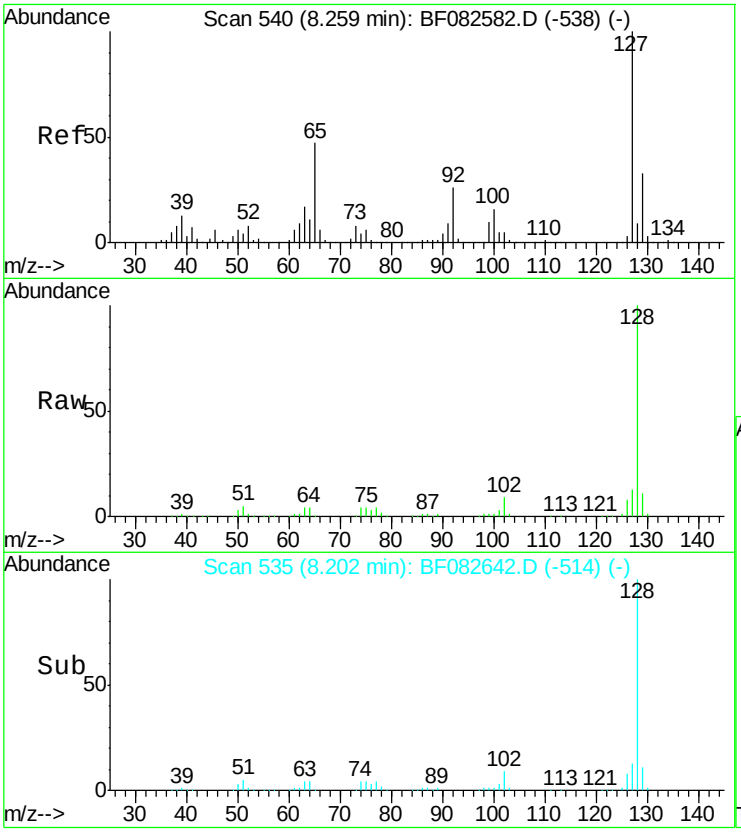


#31
Naphthalene
Concen: 11.40 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Tgt Ion:128 Resp: 419604

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.5	14.3
127	13.0	11.4	17.0



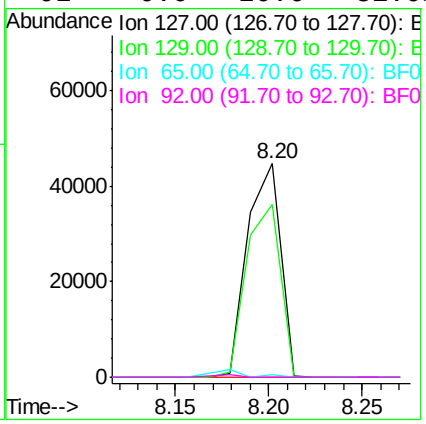


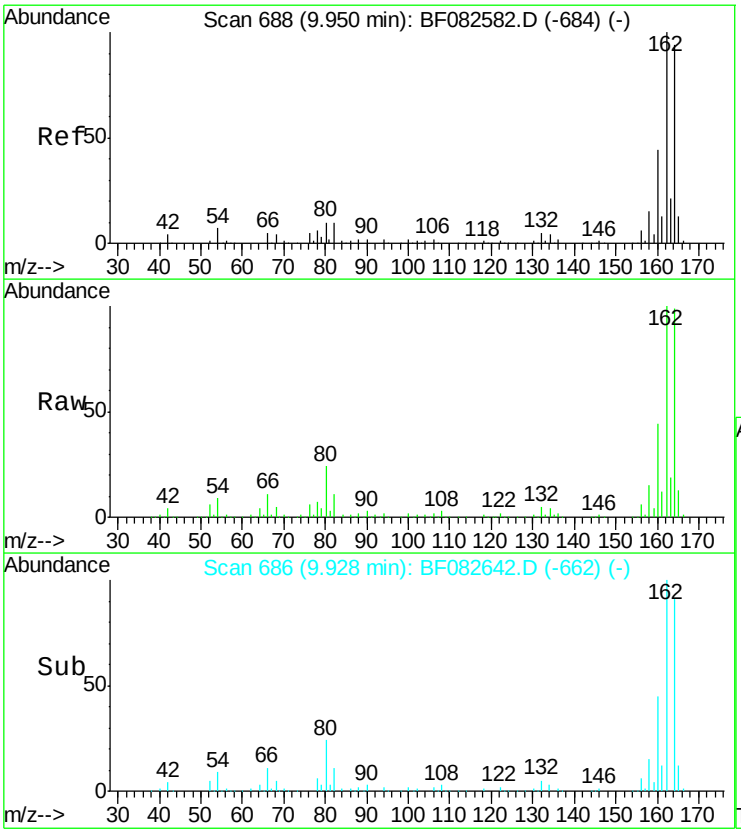
#33
4-Chloroaniline
Concen: 3.51 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Instrument :
BNA_F
ClientSampleId :
T-18L

Tgt Ion:127 Resp: 55181

Ion	Ratio	Lower	Upper
127	100		
129	81.0	26.3	39.5#
65	1.4	37.8	56.8#
92	0.0	20.6	31.0#

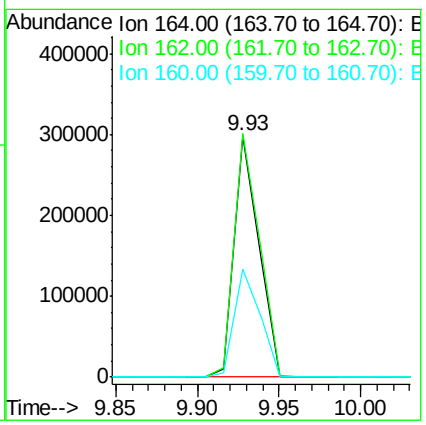


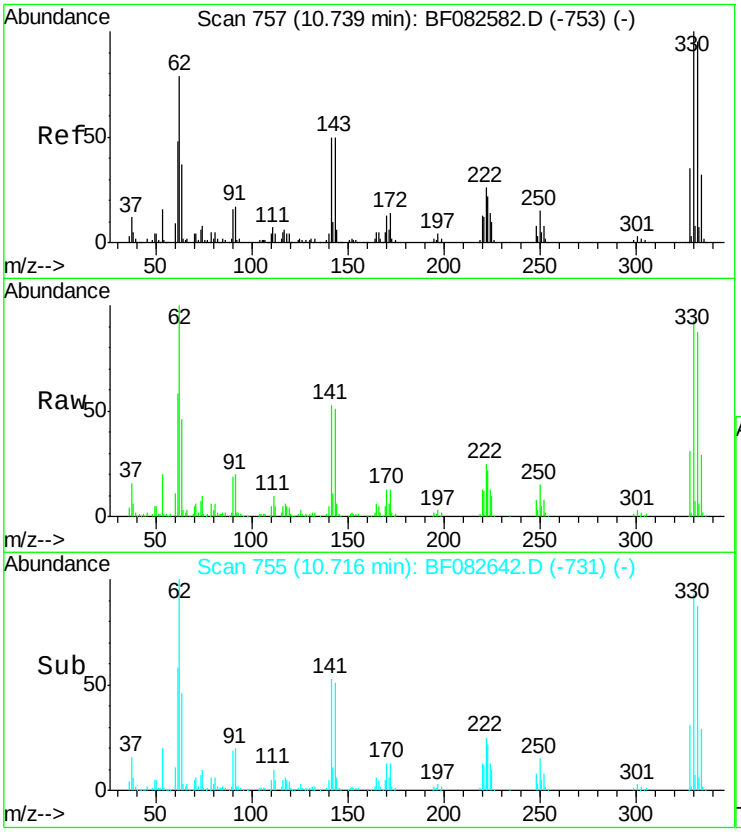


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Tgt Ion:164 Resp: 308437

Ion	Ratio	Lower	Upper
164	100		
162	101.0	84.9	127.3
160	44.9	37.5	56.3



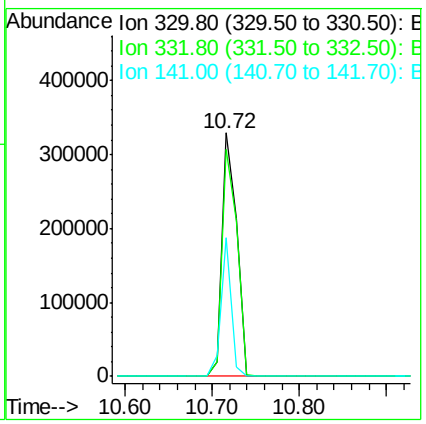


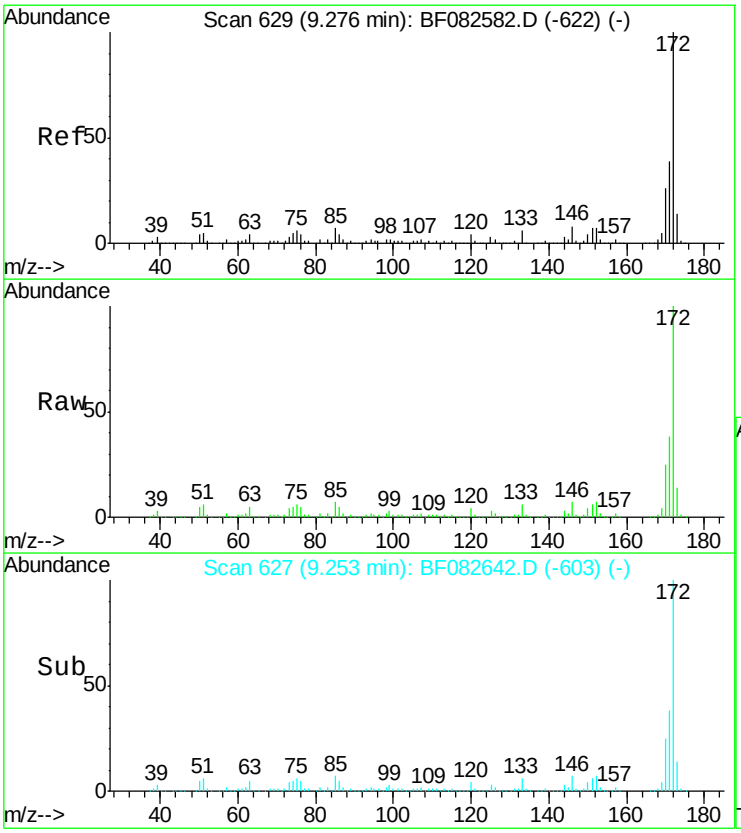
#41
2,4,6-Tribromophenol
Concen: 115.37 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Instrument :
BNA_F
ClientSampleId :
T-18L

Tgt Ion:330 Resp: 389438

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	40.7	41.2	61.8#

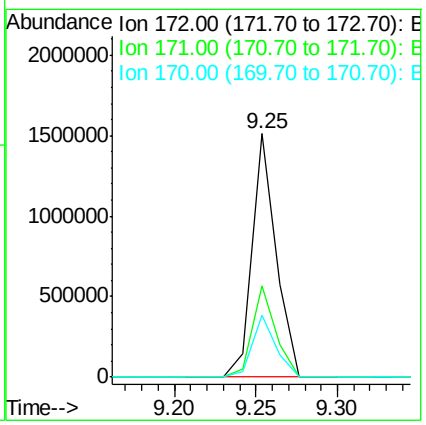


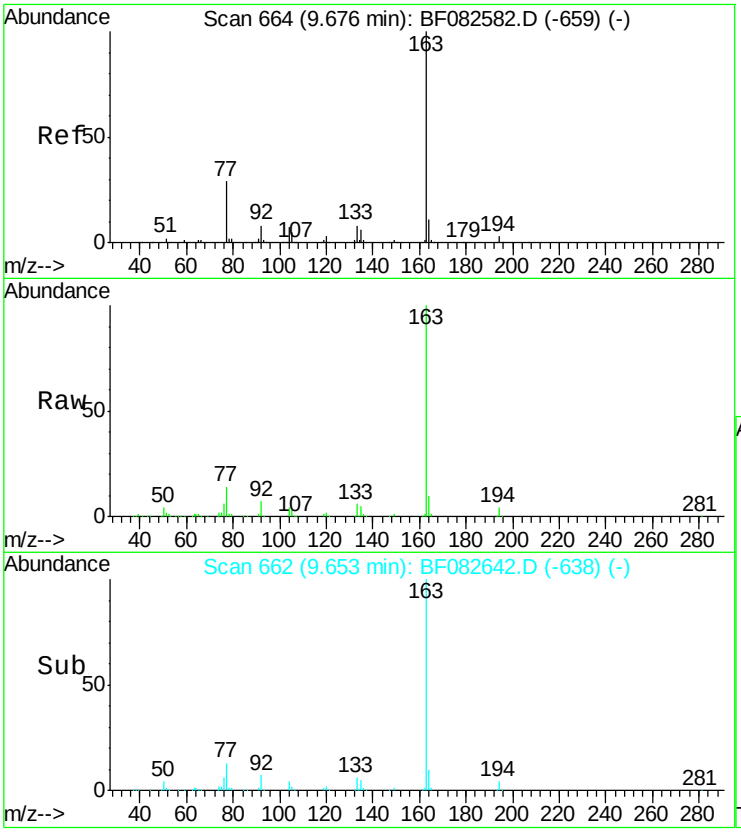


#44
2-Fluorobiphenyl
Concen: 70.83 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Tgt Ion:172 Resp: 1538687

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.5	21.2	31.8



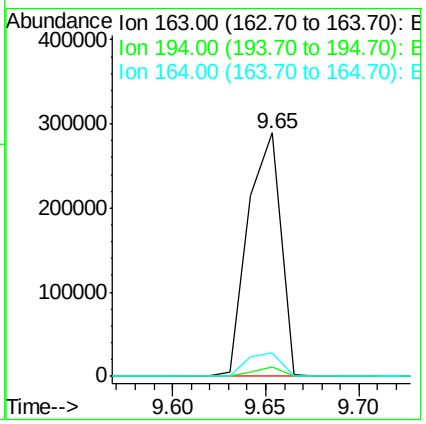


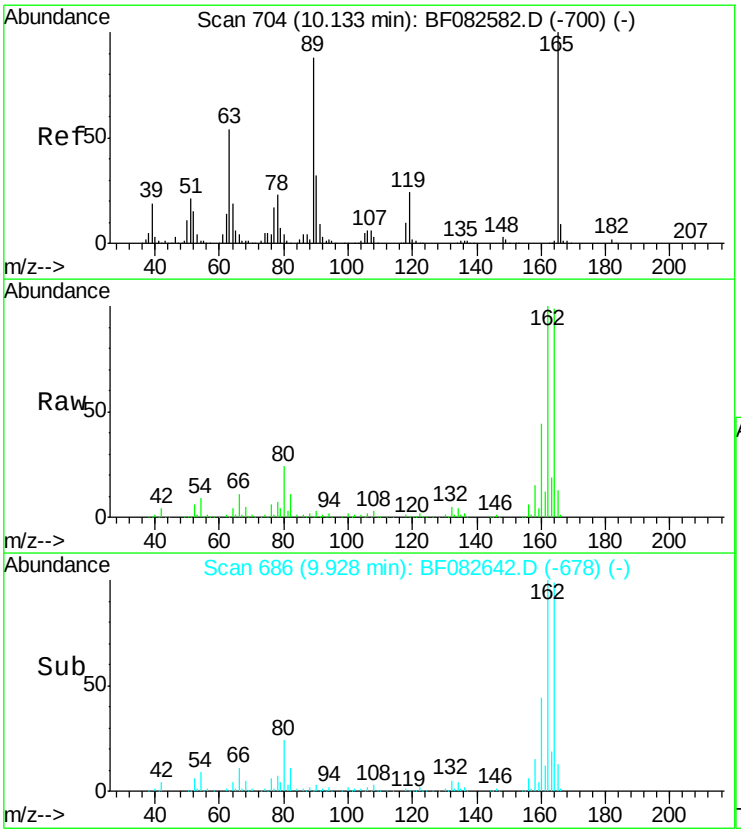
#49
Dimethylphthalate
Concen: 13.91 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Instrument :
BNA_F
ClientSampleId :
T-18L

Tgt Ion:163 Resp: 350293

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.5	8.7	13.1

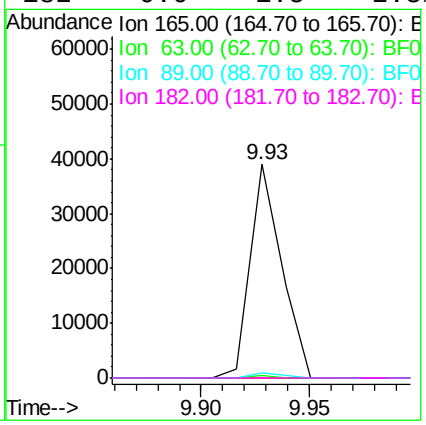


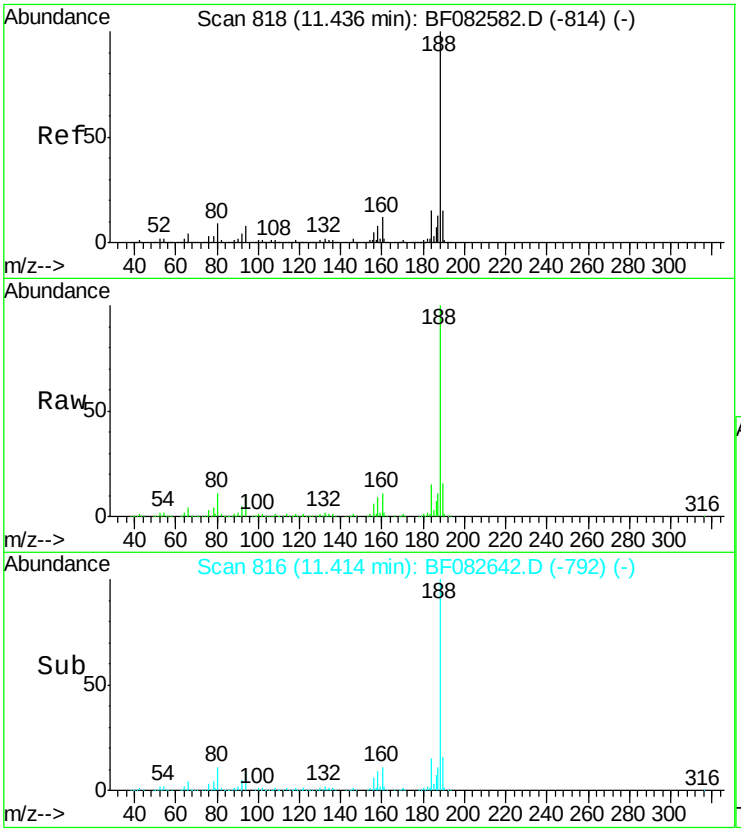


#56
2,4-Dinitrotoluene
Concen: 5.57 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.21 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Tgt Ion:165 Resp: 39319

Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.0#
89	2.2	70.6	106.0#
182	0.0	1.5	2.3#



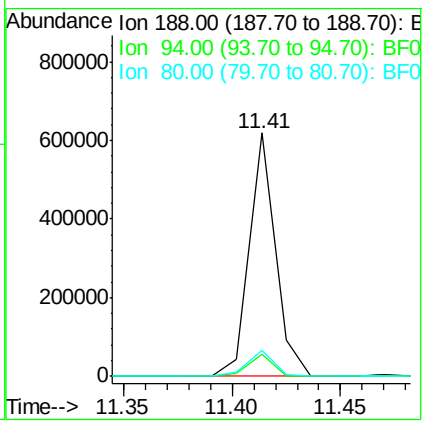


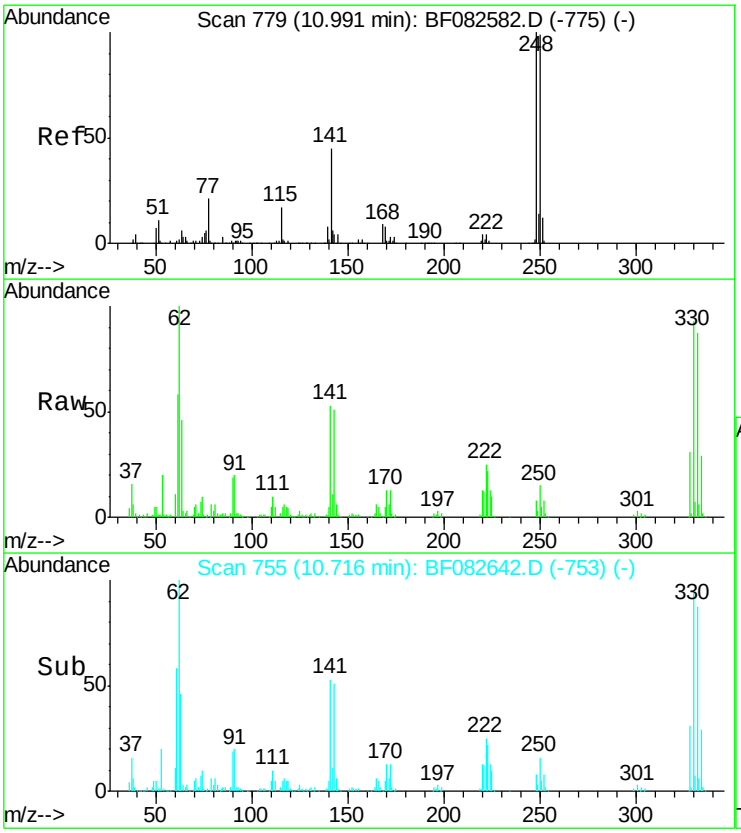
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Instrument :
BNA_F
ClientSampleId :
T-18L

Tgt Ion:188 Resp: 516723

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.1	9.1
80	10.5	7.0	10.6

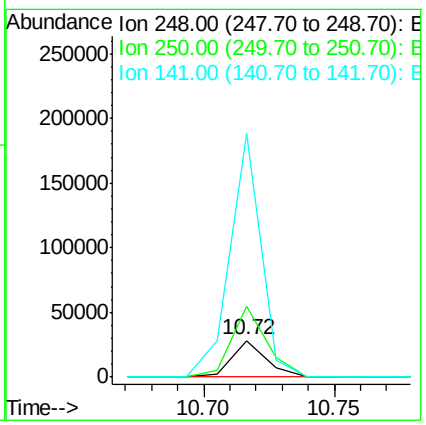


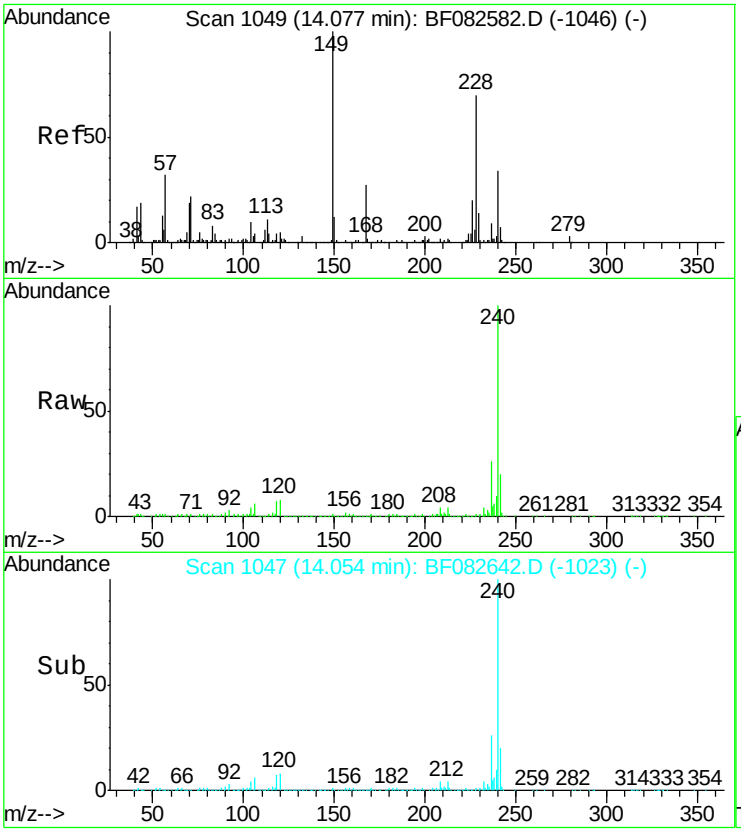


#66
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.27 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Tgt Ion:248 Resp: 25722

Ion	Ratio	Lower	Upper
248	100		
250	194.3	79.4	119.2#
141	667.7	36.3	54.5#



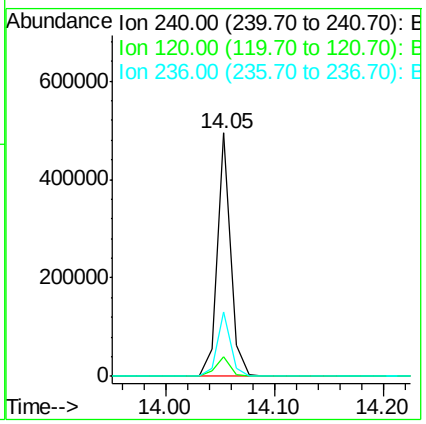


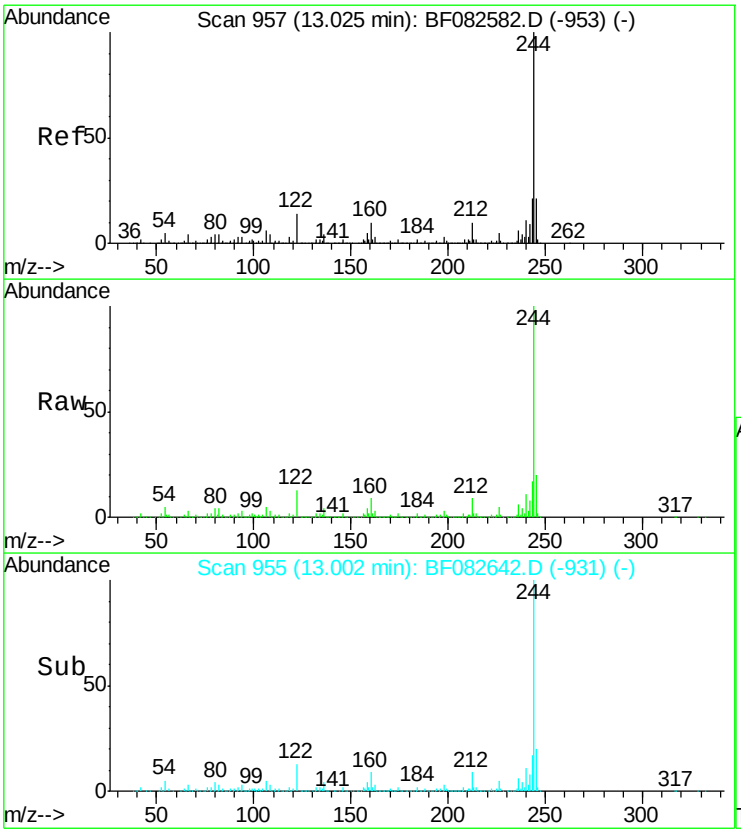
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Instrument :
BNA_F
ClientSampleId :
T-18L

Tgt Ion:240 Resp: 427102

Ion	Ratio	Lower	Upper
240	100		
120	7.9	10.9	16.3#
236	26.4	21.6	32.4

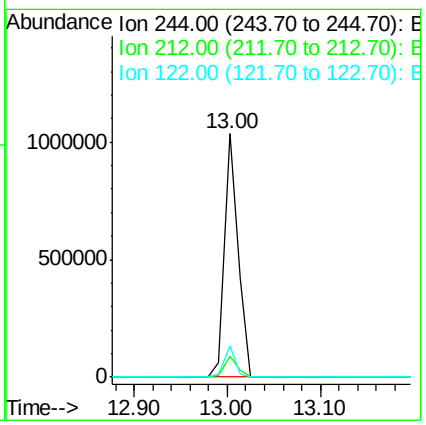


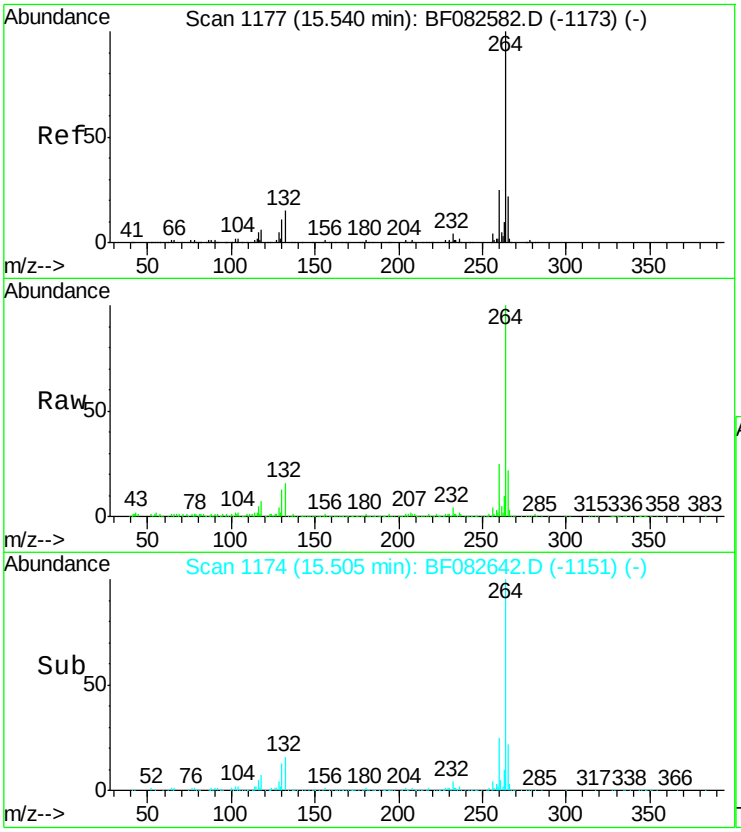


#78
Terphenyl-d14
Concen: 53.84 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Tgt Ion:244 Resp: 1050786

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.6	11.4
122	12.9	11.3	16.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.03 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Instrument :
BNA_F
ClientSampleId :
T-18L

Tgt Ion:264 Resp: 357040

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.6
265	22.4	17.4	26.0