Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085522.D
Acq On : 18 Mar 2016 6:40
Operator : UM/SJ
Sample : H1776-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-13(0.5-1.0)

Quant Time: Mar 18 06:47:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	133576	20.00	ng		-0.05
21) Naphthalene-d8	8.16	136	552497	20.00	ng		-0.05
38) Acenaphthene-d10	9.91	164	220975	20.00	ng		-0.05
63) Phenanthrene-d10	11.40	188	392024	20.00	ng		-0.05
75) Chrysene-d12	14.04	240	285592	20.00	ng		-0.05
86) Perylene-d12	15.47	264	259091	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1254002	161.37	ng		-0.02
7) Phenol-d6	6.52	99	1553259	154.10	ng		-0.03
23) Nitrobenzene-d5	7.44	82	882283	94.42	ng		-0.05
41) 2,4,6-Tribromophenol	10.71	330	344442	169.23	ng		-0.05
44) 2-Fluorobiphenyl	9.24	172	1249978	98.13	ng		-0.05
78) Terphenyl-d14	12.99	244	882944	69.94	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	25804	4.58	ng		85
19) n-Nitroso-di-n-propylamine	7.44	70	118448	19.62	ng	#	77
49) Dimethylphthalate	9.64	163	371879	23.07	ng		99
56) 2,4-Dinitrotoluene	9.91	165	27745	6.21	ng	#	22
66) 4-Bromophenyl-phenylether	10.71	248	22192	5.59	ng	#	1
74) Fluoranthene	12.61	202	40450	2.11	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	245927	21.53	ng		98
88) Benzo(k)fluoranthene	15.05	252	33535	2.53	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085522.D
Acq On : 18 Mar 2016 6:40
Operator : UM/SJ
Sample : H1776-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-13(0.5-1.0)

Quant Time: Mar 18 06:47:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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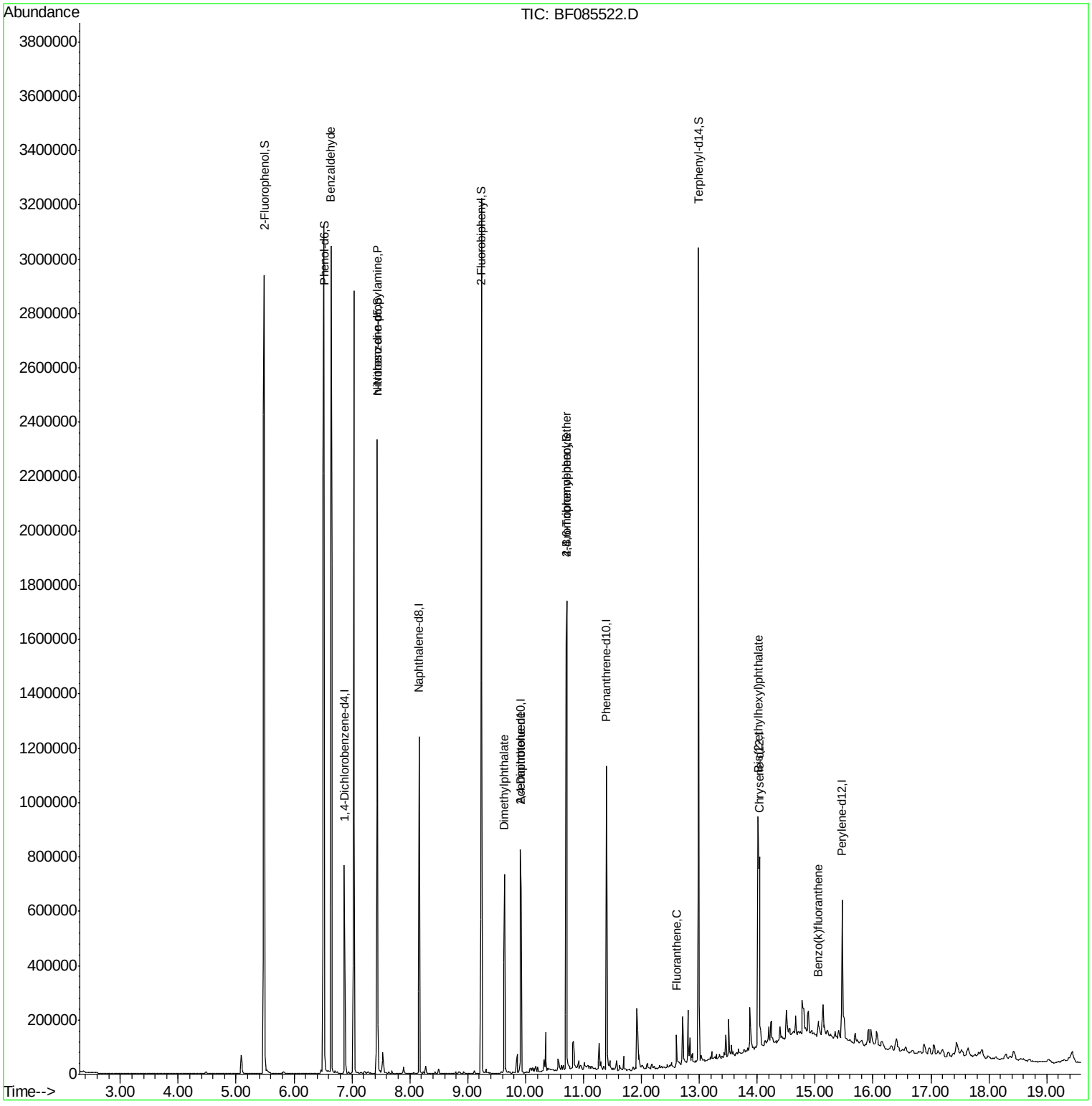
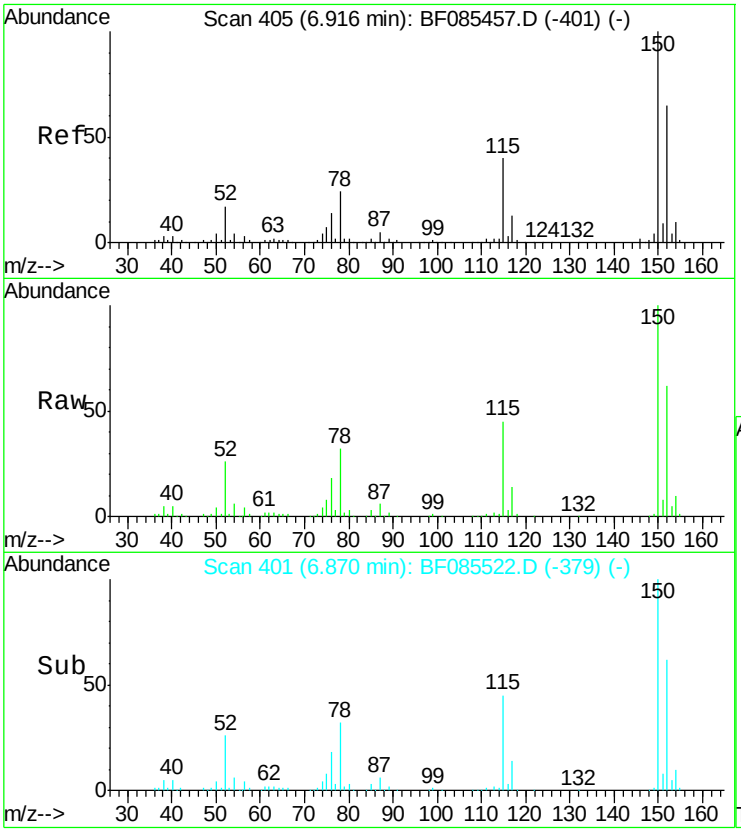


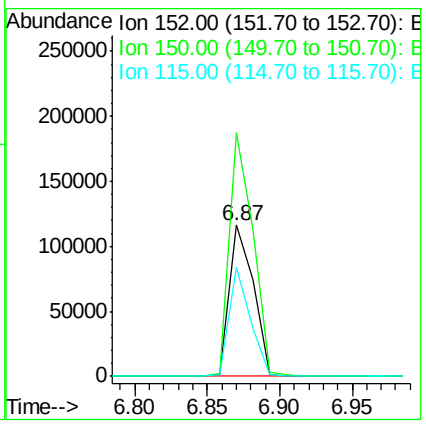


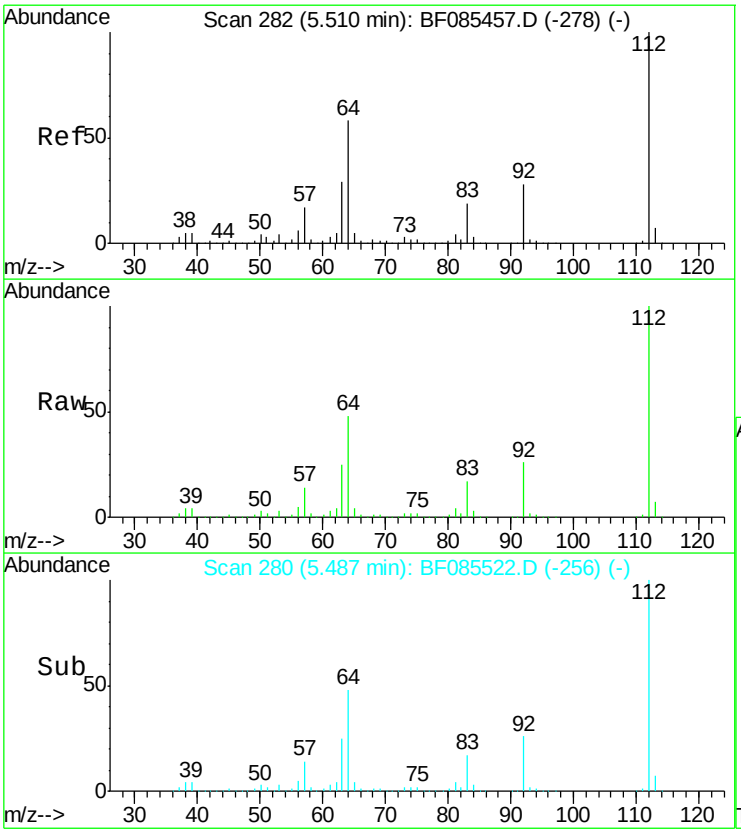
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-13(0.5-1.0)

Tgt Ion:152 Resp: 133576

Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.6	186.8
115	72.0	46.6	70.0#

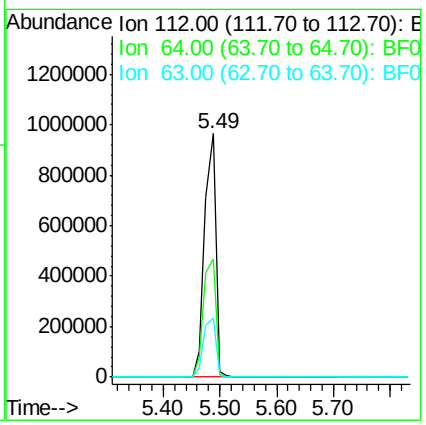


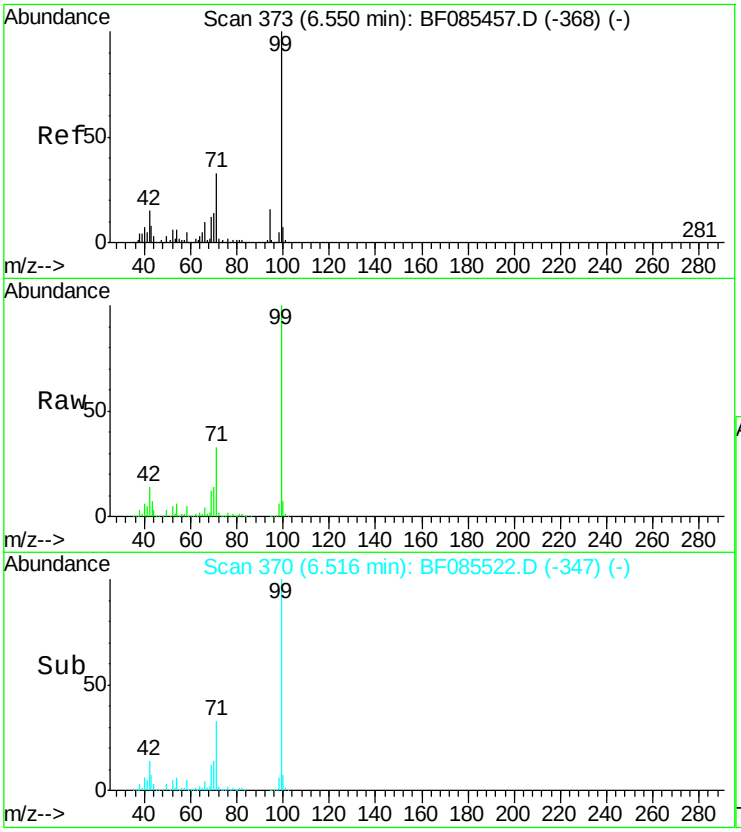


#5
2-Fluorophenol
Concen: 161.37 ng
RT: 5.49 min Scan# 280
Delta R.T. -0.02 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Tgt Ion:112 Resp: 1254002

Ion	Ratio	Lower	Upper
112	100		
64	48.5	49.0	73.4#
63	24.5	24.8	37.2#



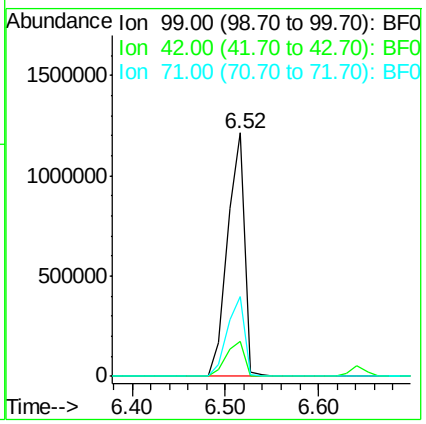


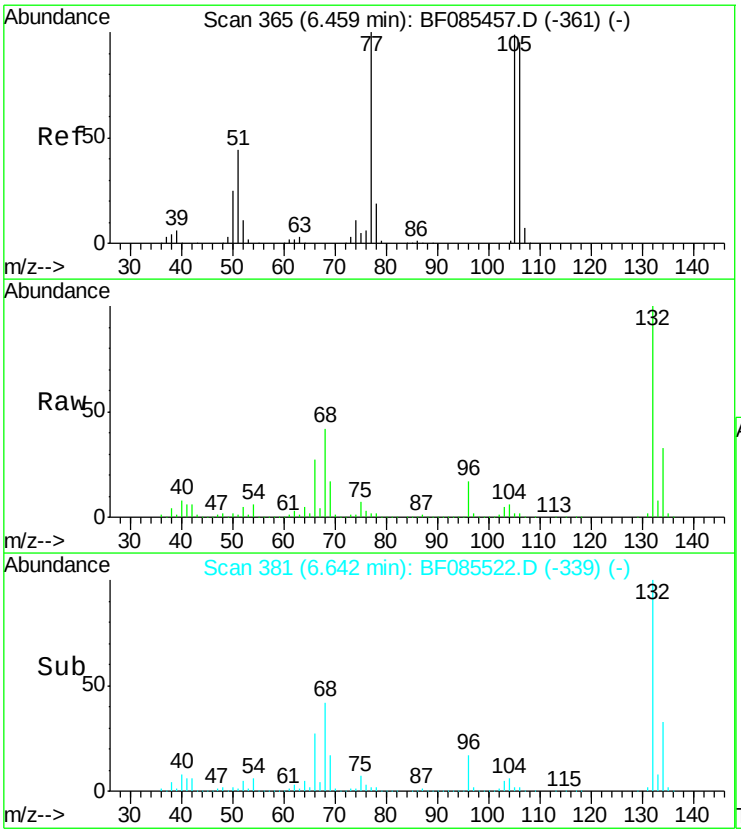
#7
Phenol-d6
Concen: 154.10 ng
RT: 6.52 min Scan# 370
Delta R.T. -0.03 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-13(0.5-1.0)

Tgt Ion: 99 Resp: 1553259

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.6	20.4
71	32.8	26.7	40.1

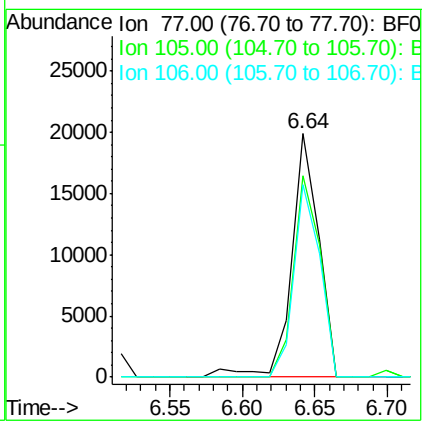


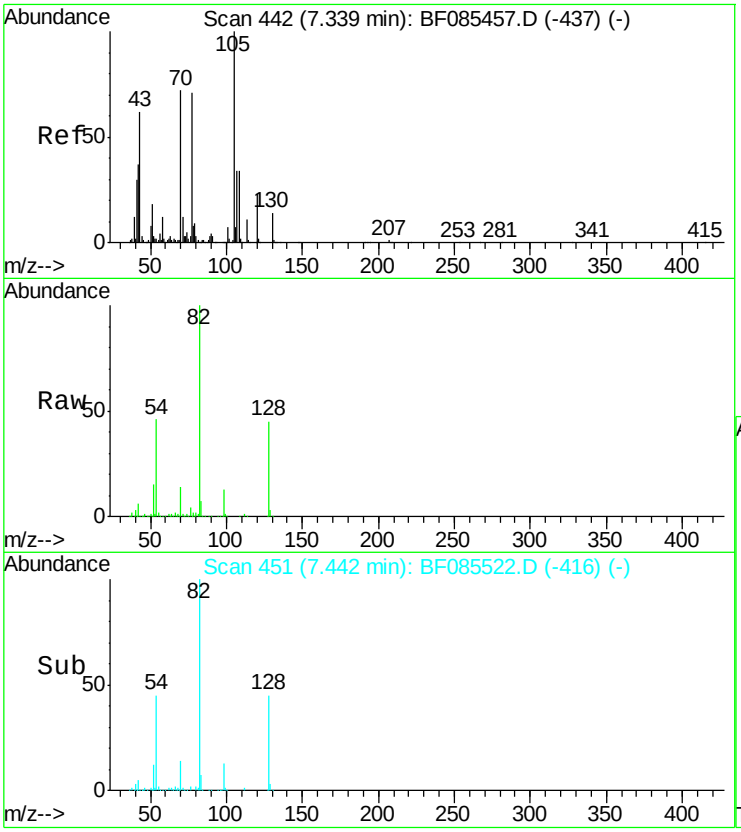


#9
Benzaldehyde
Concen: 4.58 ng
RT: 6.64 min Scan# 381
Delta R.T. 0.18 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Tgt Ion: 77 Resp: 25804

Ion	Ratio	Lower	Upper
77	100		
105	82.5	78.2	118.2
106	79.3	72.9	112.9



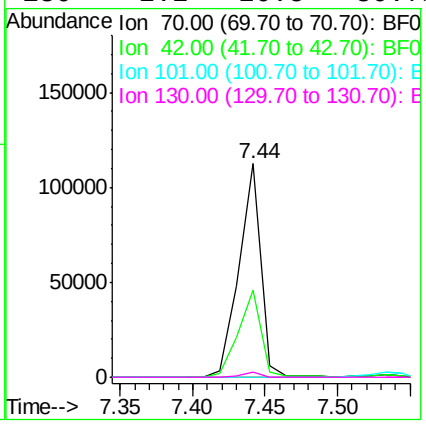


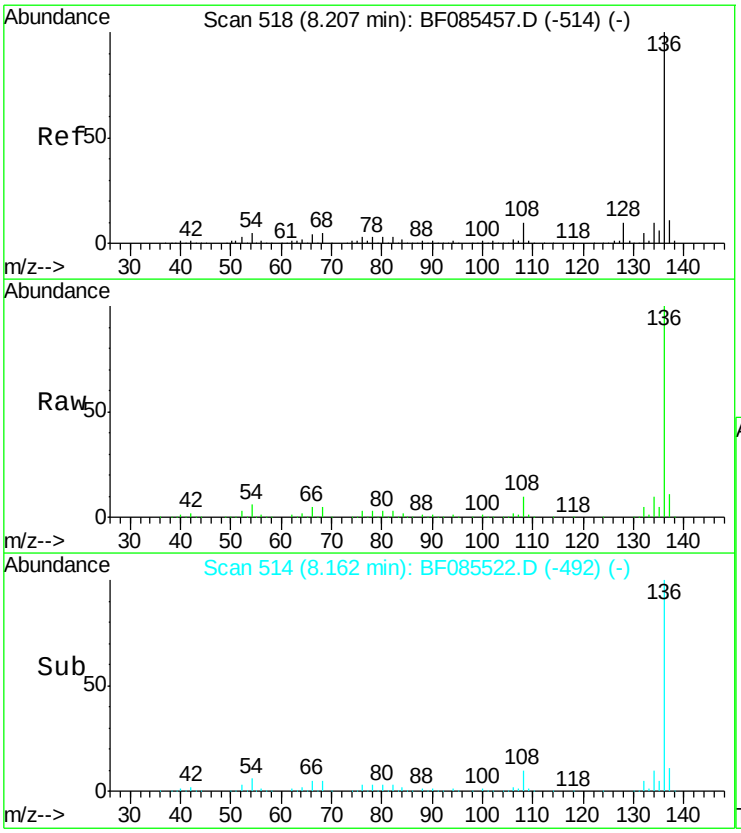
#19
n-Nitroso-di-n-propylamine
Concen: 19.62 ng
RT: 7.44 min Scan# 451
Delta R.T. 0.10 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-13(0.5-1.0)

Tgt Ion: 70 Resp: 118448

Ion	Ratio	Lower	Upper
70	100		
42	40.6	37.7	56.5
101	0.0	8.2	12.4#
130	2.2	20.5	30.7#

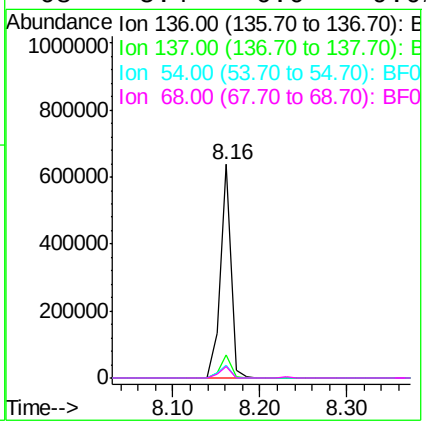


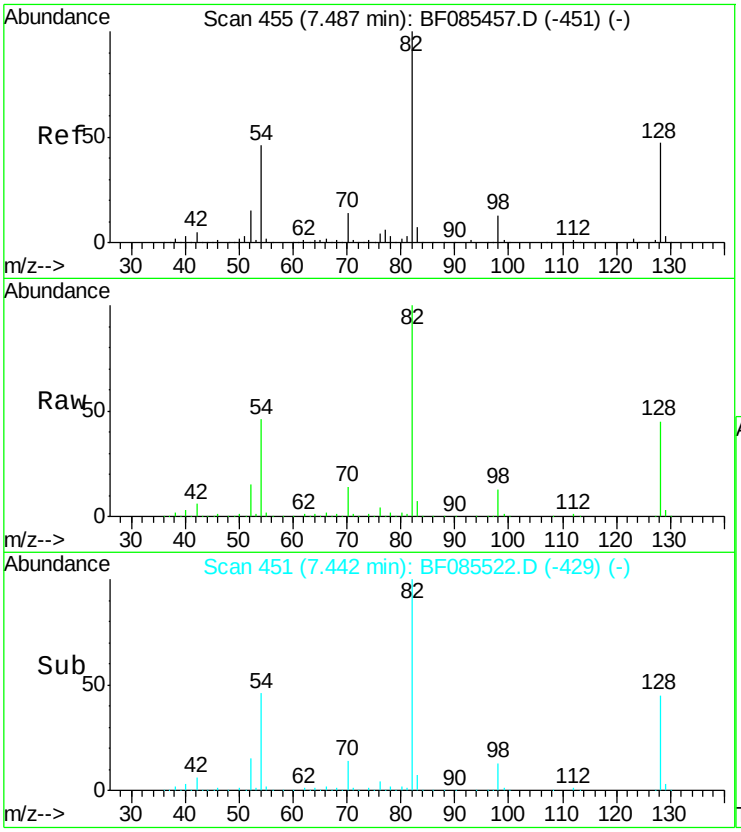


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Tgt Ion:136 Resp: 552497

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	6.2	7.4	11.2#
68	5.4	6.0	9.0#



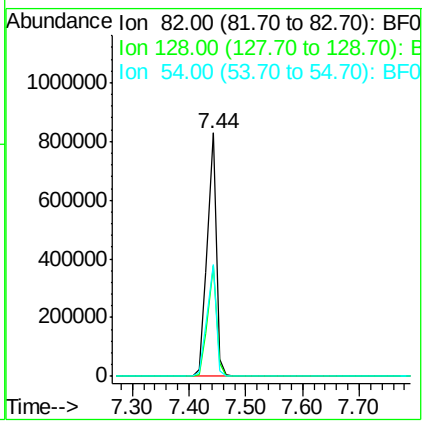


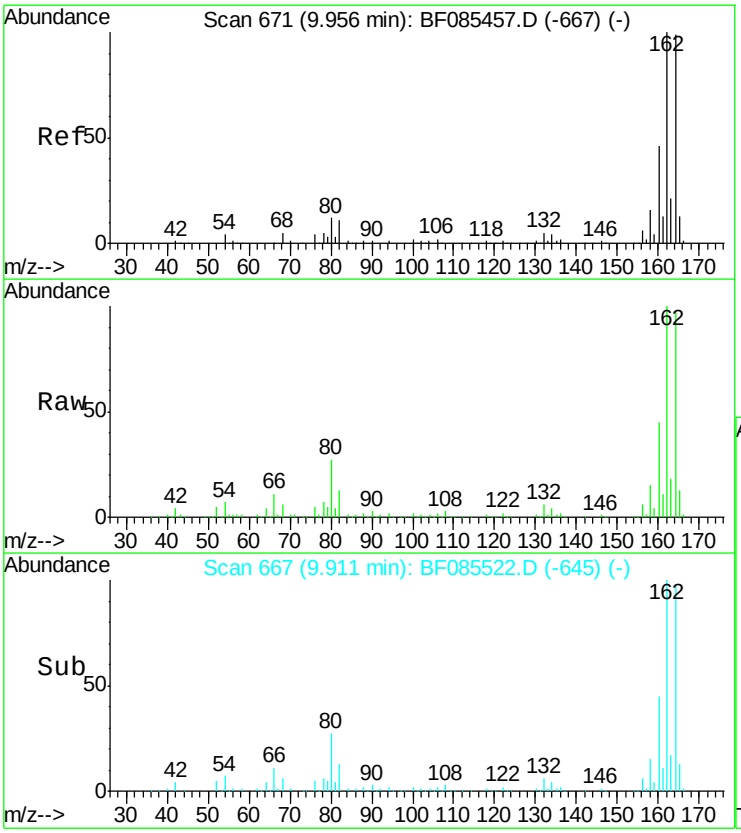
#23
Nitrobenzene-d5
Concen: 94.42 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-13(0.5-1.0)

Tgt Ion: 82 Resp: 882283

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.5	51.7
54	45.9	39.3	58.9

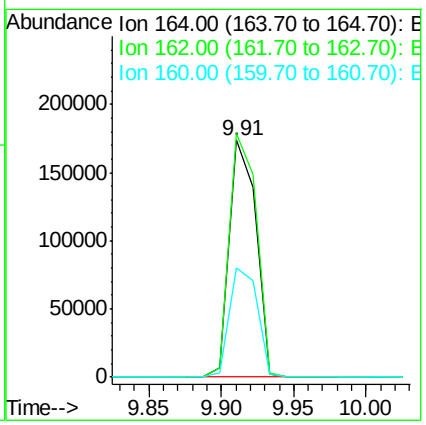


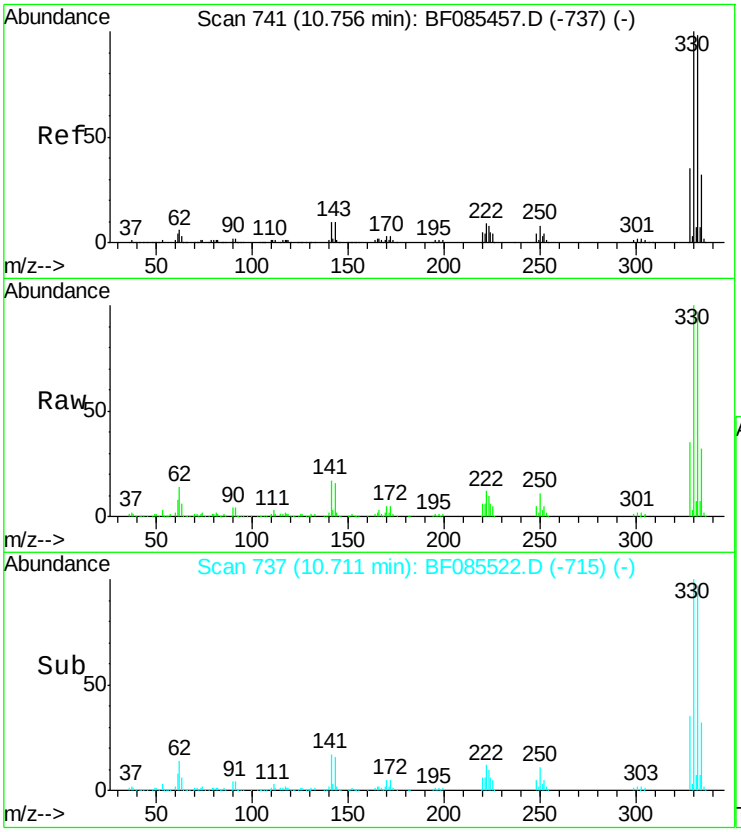


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Tgt Ion:164 Resp: 220975

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.3	124.9
160	46.3	37.9	56.9



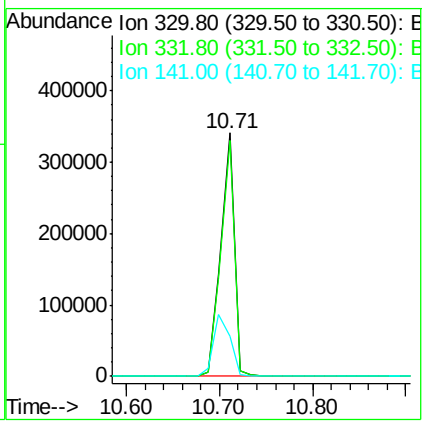


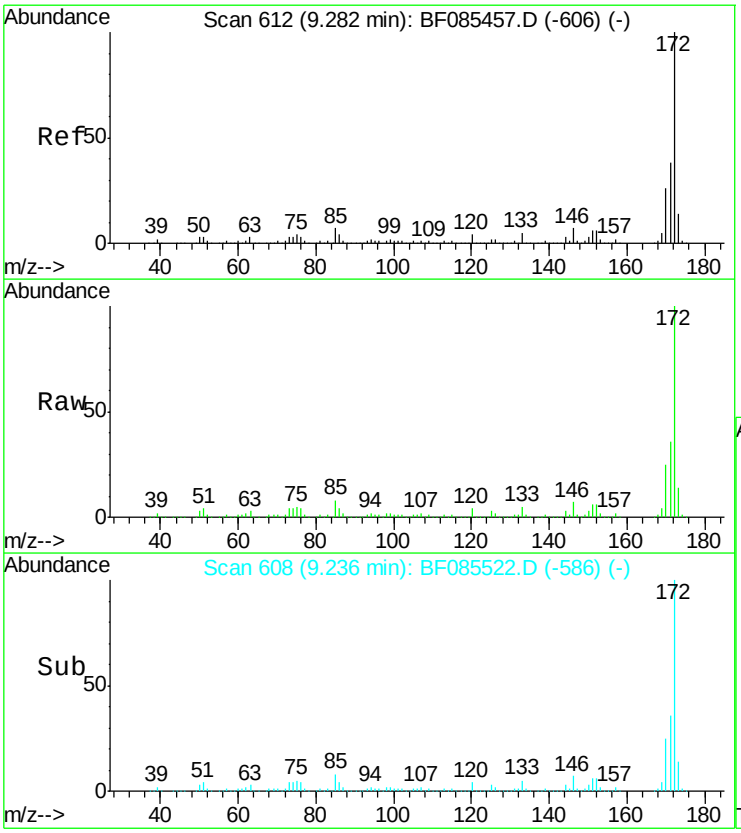
#41
2,4,6-Tribromophenol
Concen: 169.23 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-13(0.5-1.0)

Tgt Ion:330 Resp: 344442

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	31.4	35.0	52.6#

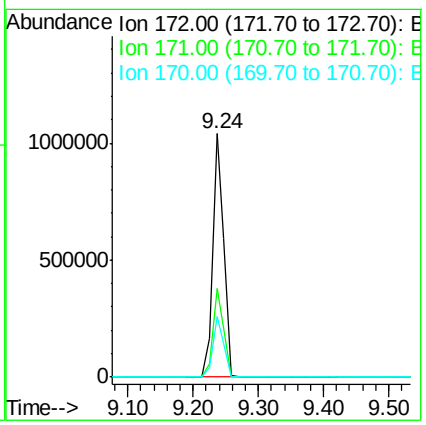


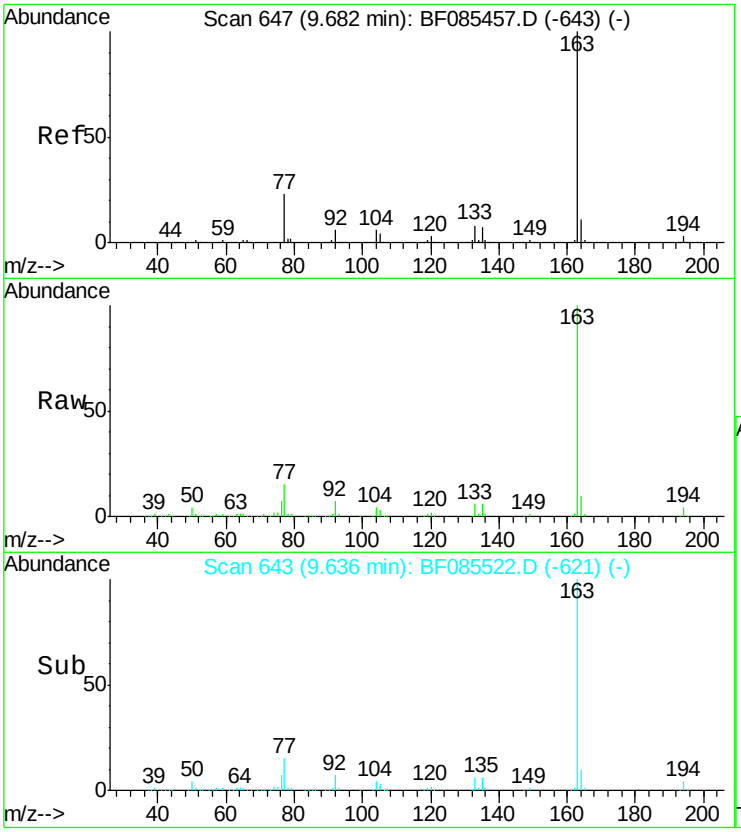


#44
2-Fluorobiphenyl
Concen: 98.13 ng
RT: 9.24 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Tgt Ion:172 Resp: 1249978

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.3	43.9
170	24.7	20.0	30.0



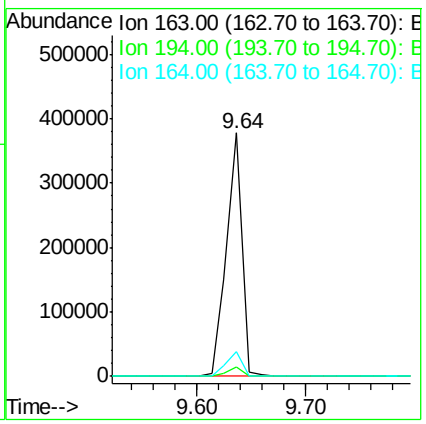


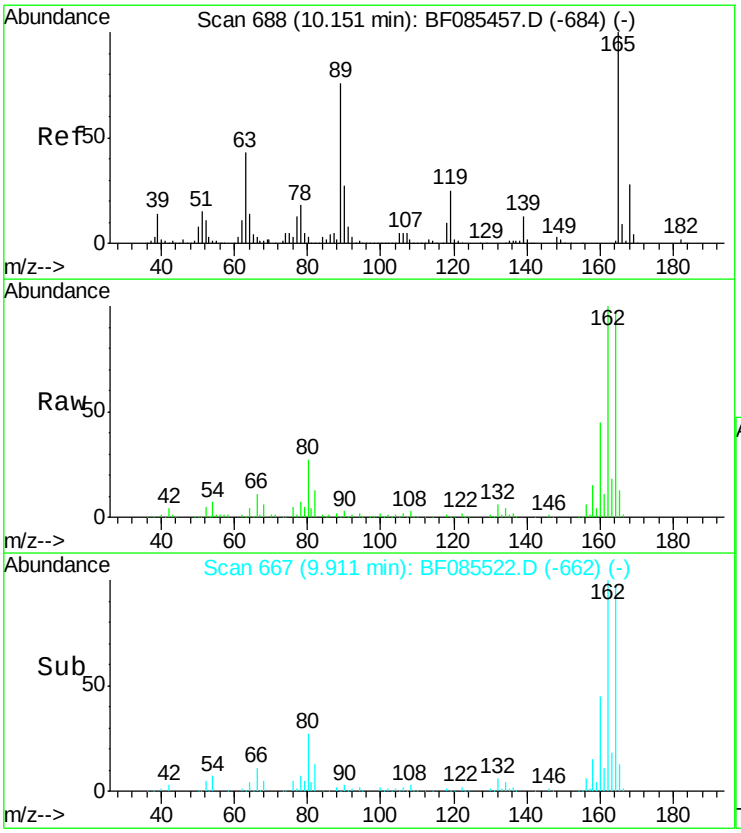
#49
Dimethylphthalate
Concen: 23.07 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-13(0.5-1.0)

Tgt Ion:163 Resp: 371879

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.9	8.2	12.4

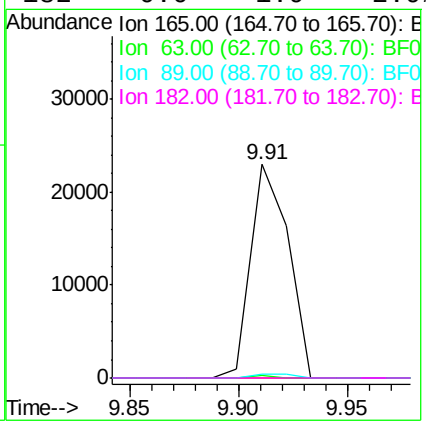


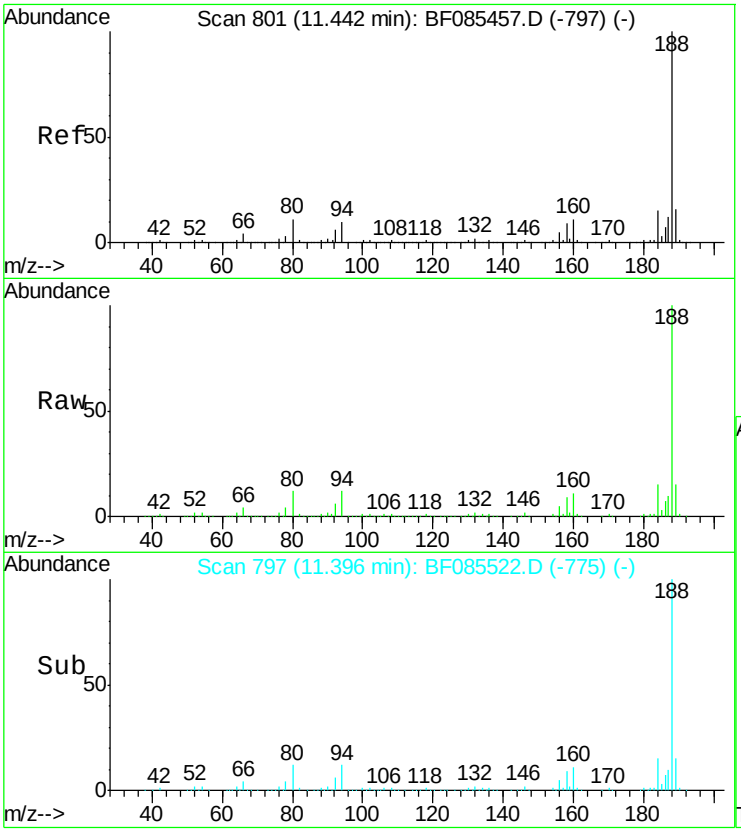


#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.24 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Tgt Ion:165 Resp: 27745

Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.4	53.0#
89	1.5	61.9	92.9#
182	0.0	1.9	2.9#



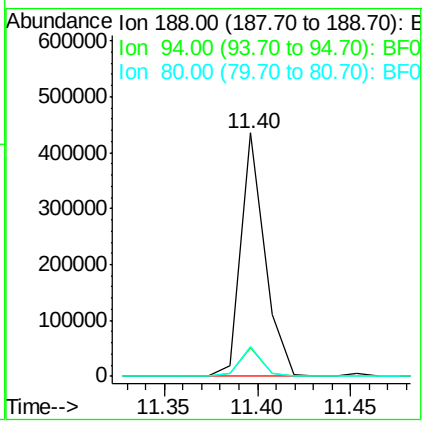


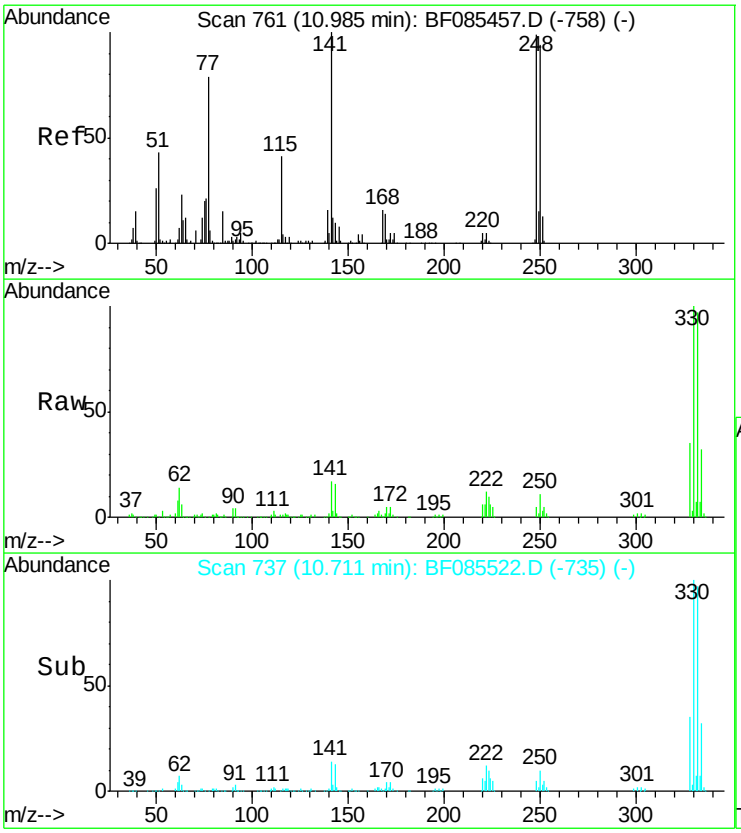
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-13(0.5-1.0)

Tgt Ion:188 Resp: 392024

Ion	Ratio	Lower	Upper
188	100		
94	11.8	7.0	10.6#
80	12.4	7.4	11.0#

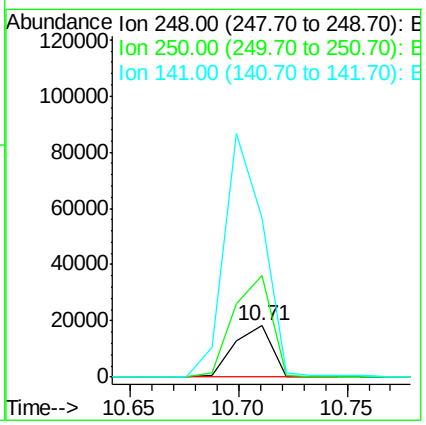


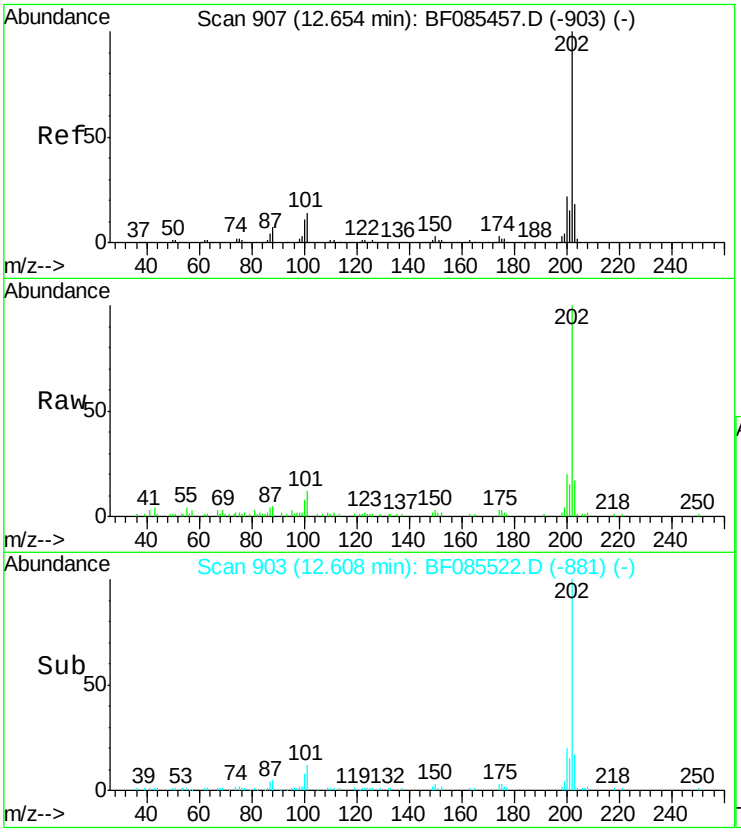


#66
4-Bromophenyl-phenylether
Concen: 5.59 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.27 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Tgt Ion:248 Resp: 22192

Ion	Ratio	Lower	Upper
248	100		
250	198.1	77.1	115.7#
141	309.7	66.2	99.2#



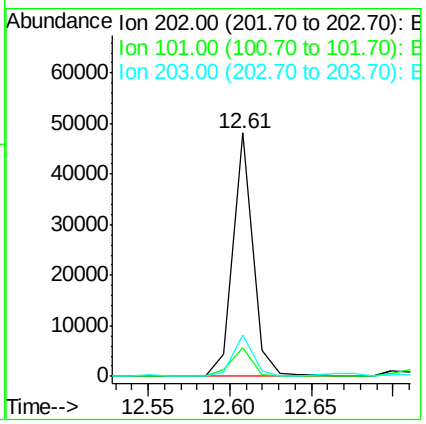


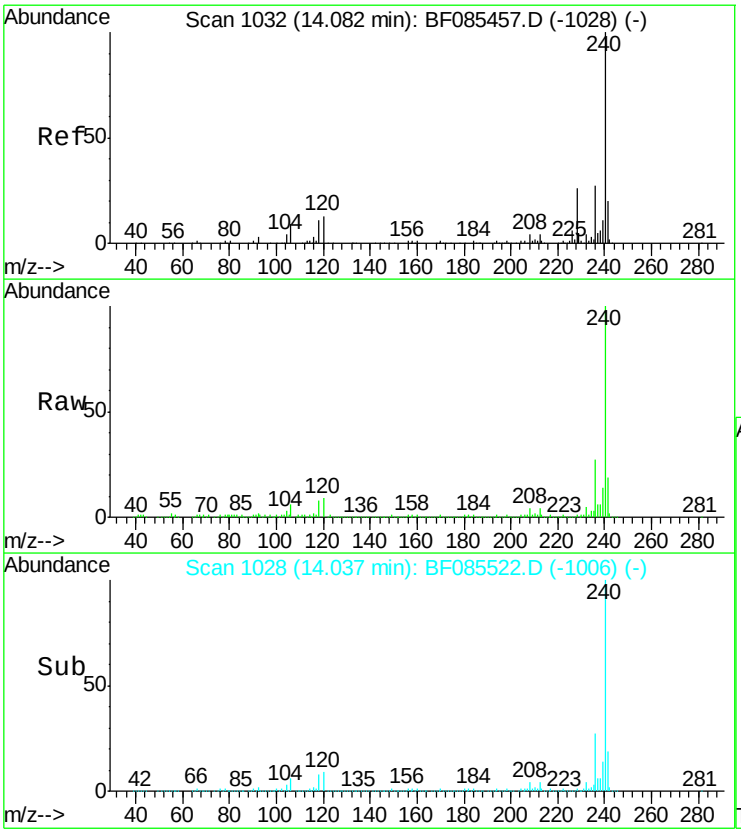
#74
Fluoranthene
Concen: 2.11 ng
RT: 12.61 min Scan# 903
Delta R.T. -0.05 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-13(0.5-1.0)

Tgt Ion:202 Resp: 40450

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.8
203	16.9	0.0	38.4

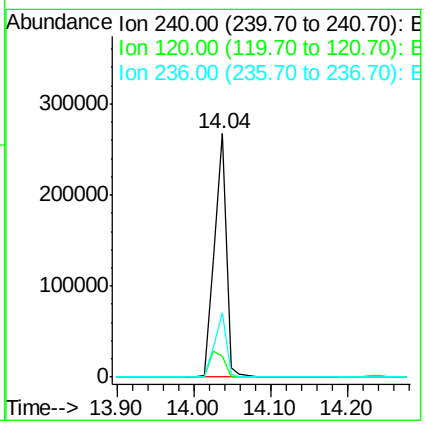


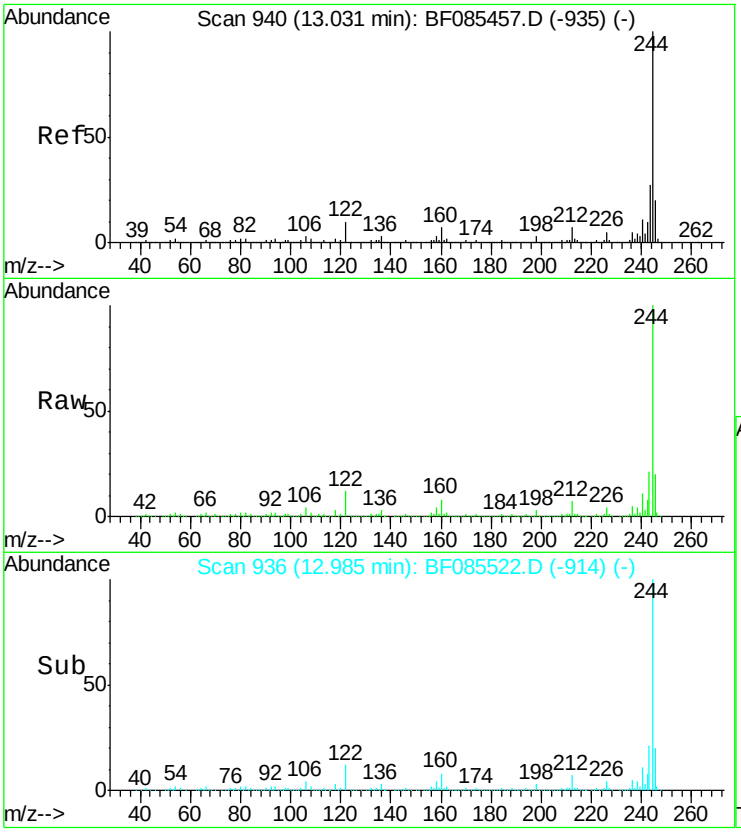


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Tgt Ion:240 Resp: 285592

Ion	Ratio	Lower	Upper
240	100		
120	8.8	5.3	7.9#
236	26.5	20.7	31.1



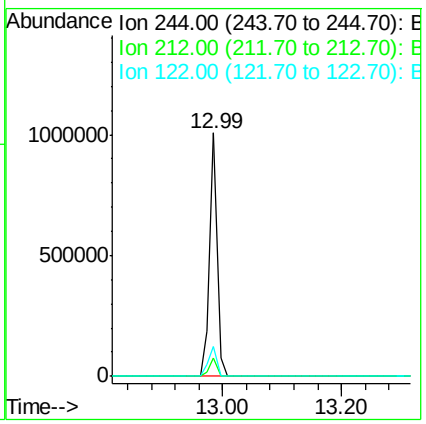


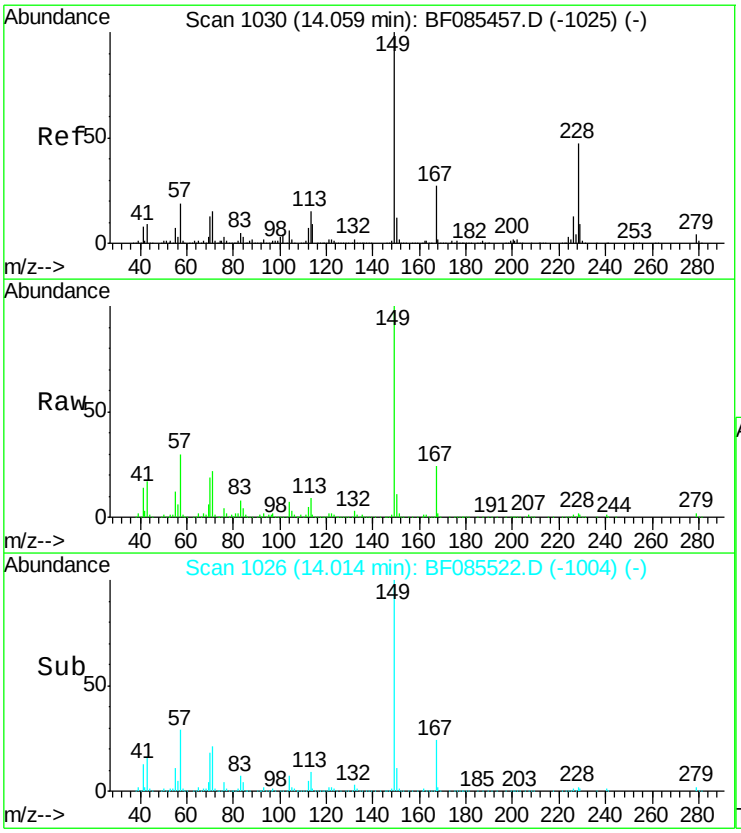
#78
Terphenyl-d14
Concen: 69.94 ng
RT: 12.99 min Scan# 936
Delta R.T. -0.05 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-13(0.5-1.0)

Tgt Ion:244 Resp: 882944

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	12.4	11.4	17.2

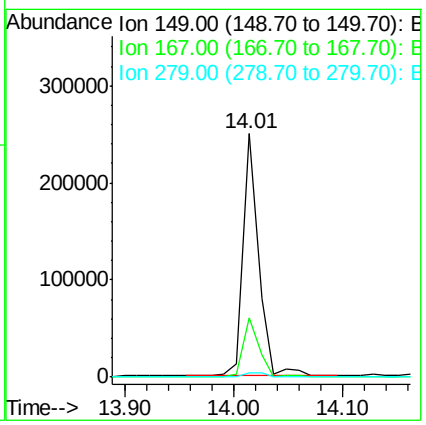


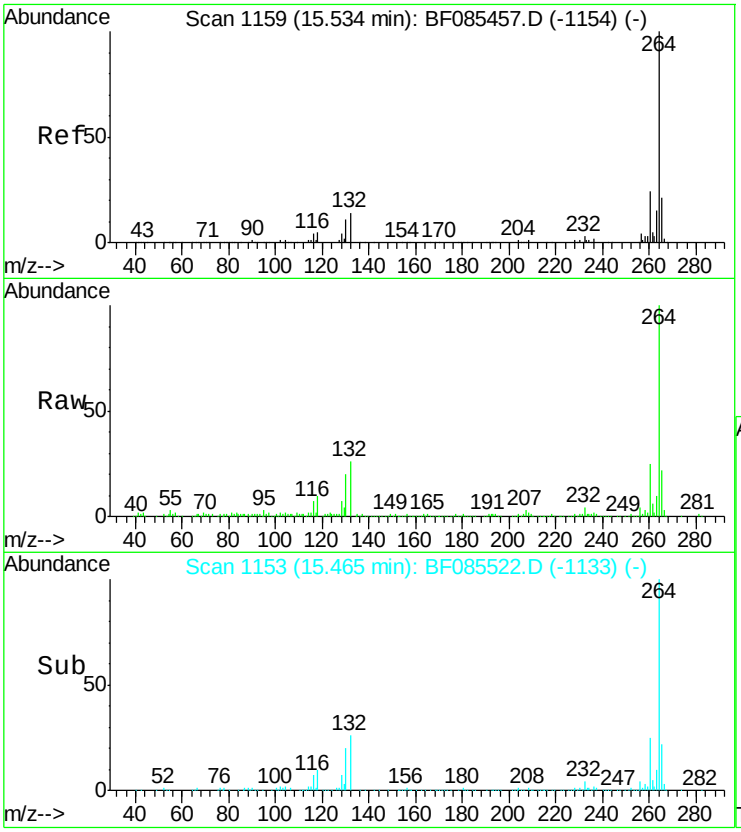


#83
Bis(2-ethylhexyl)phthalate
Concen: 21.53 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Tgt Ion:149 Resp: 245927

Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.3	30.5
279	2.0	1.9	2.9



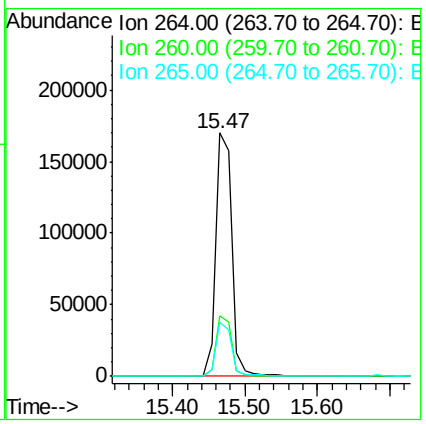


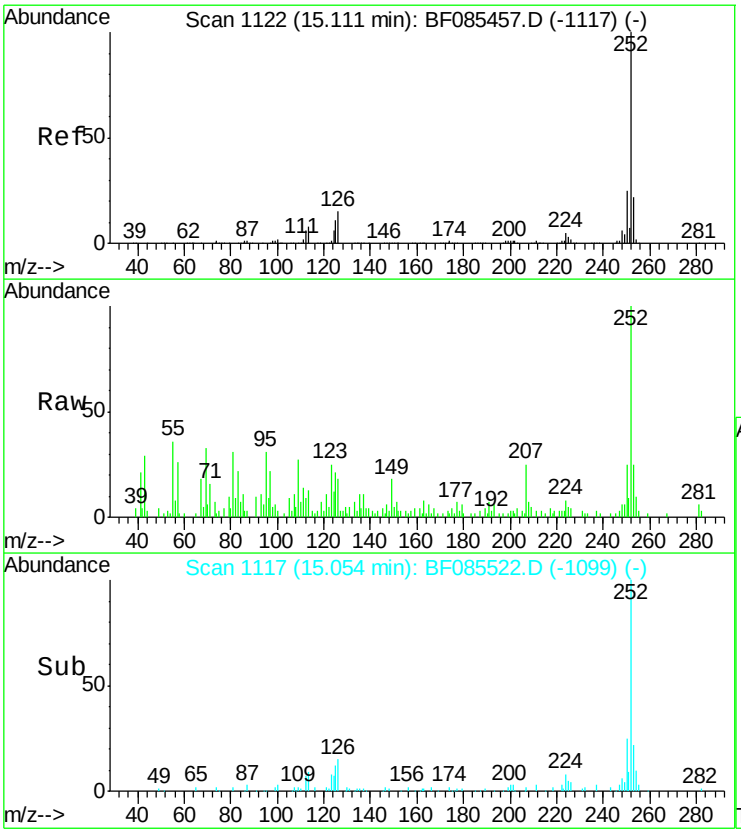
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-13(0.5-1.0)

Tgt Ion:264 Resp: 259091

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.2	17.3	25.9





#88
Benzo(k)fluoranthene
Concen: 2.53 ng
RT: 15.05 min Scan# 1117
Delta R.T. -0.09 min
Lab File: BF085522.D
Acq: 18 Mar 2016 6:40

Tgt Ion:252 Resp: 33535

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.6
125	21.0	10.4	15.6#