Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085228.D
Acq On : 5 Mar 2016 3:07
Operator : SJ/IZ
Sample : H1676-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-003(0-2)

Quant Time: Mar 05 03:38:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	177227	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	725648	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	334970	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	628179	20.00	ng		-0.01
75) Chrysene-d12	14.13	240	407915	20.00	ng		-0.02
86) Perylene-d12	15.59	264	281165	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1159475	109.74	ng		0.01
7) Phenol-d6	6.60	99	1356350	97.98	ng		-0.01
23) Nitrobenzene-d5	7.53	82	1115144	82.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	436790	152.39	ng		-0.01
44) 2-Fluorobiphenyl	9.33	172	1913648	86.88	ng		-0.02
78) Terphenyl-d14	13.09	244	1869486	106.39	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	32366	2.14	ng		91
19) n-Nitroso-di-n-propylamine	7.53	70	154046	17.07	ng	#	79
27) 2,4-Dimethylphenol	7.94	122	29846	2.44	ng	#	6
31) Naphthalene	8.28	128	114680	3.21	ng		97
32) Benzoic acid	7.94	122	29846	3.67	ng		98
50) 2,6-Dinitrotoluene	10.01	165	41597	7.56	ng	#	26
56) 2,4-Dinitrotoluene	10.01	165	41600	5.91	ng	#	22
66) 4-Bromophenyl-phenylether	10.80	248	31484	5.16	ng	#	1

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

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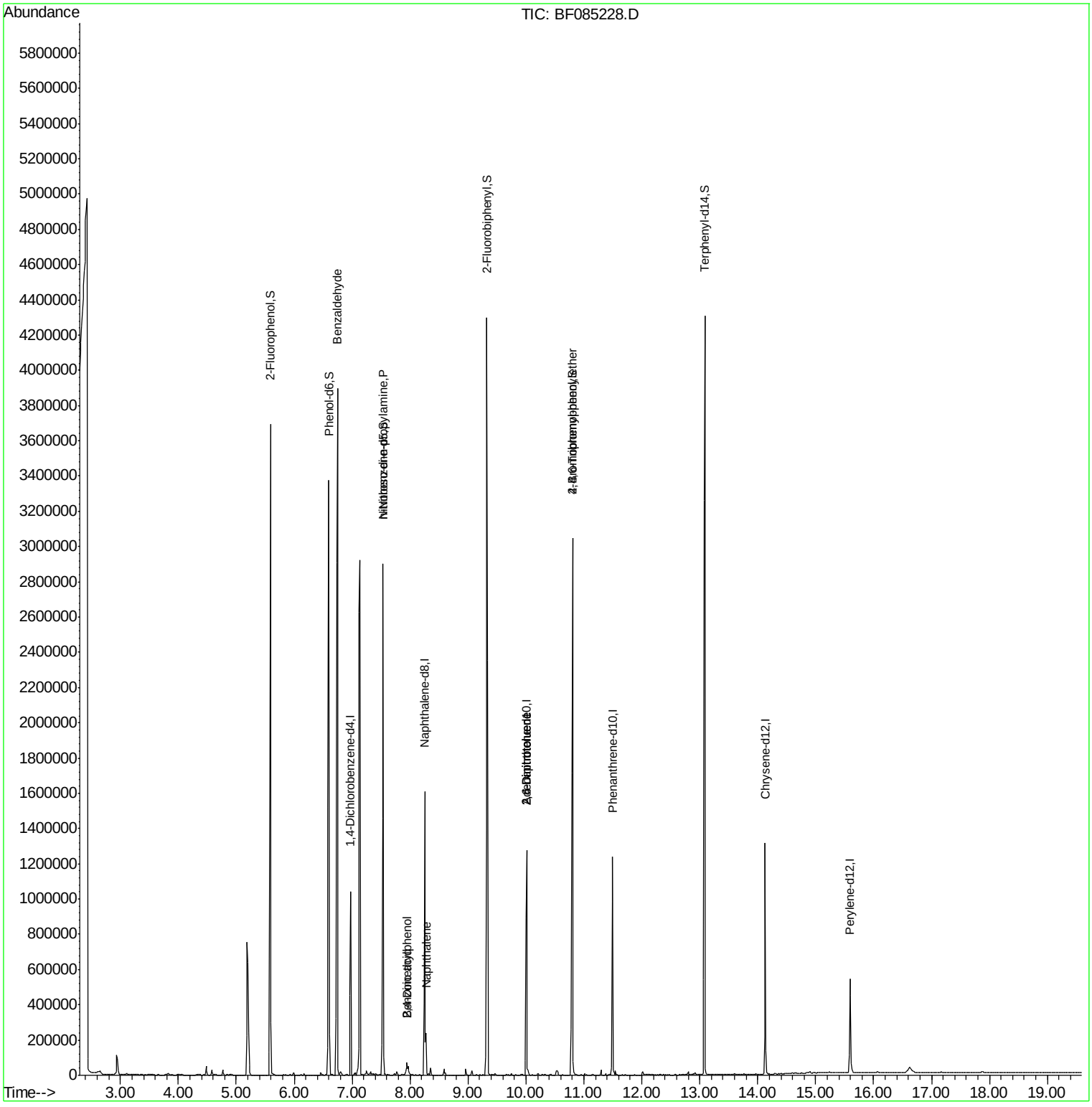
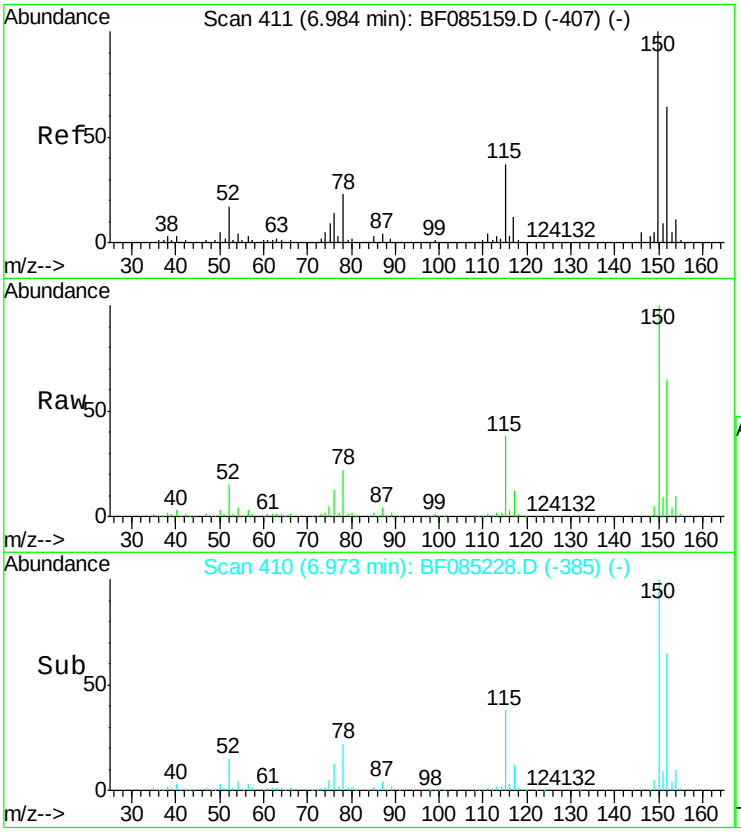


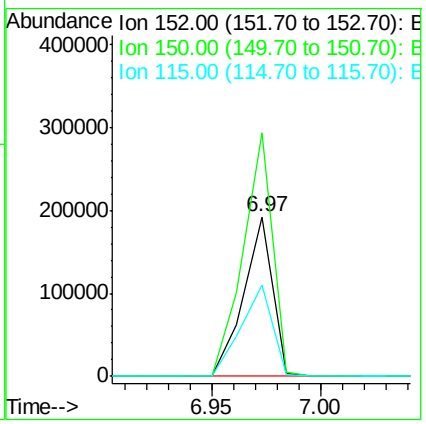


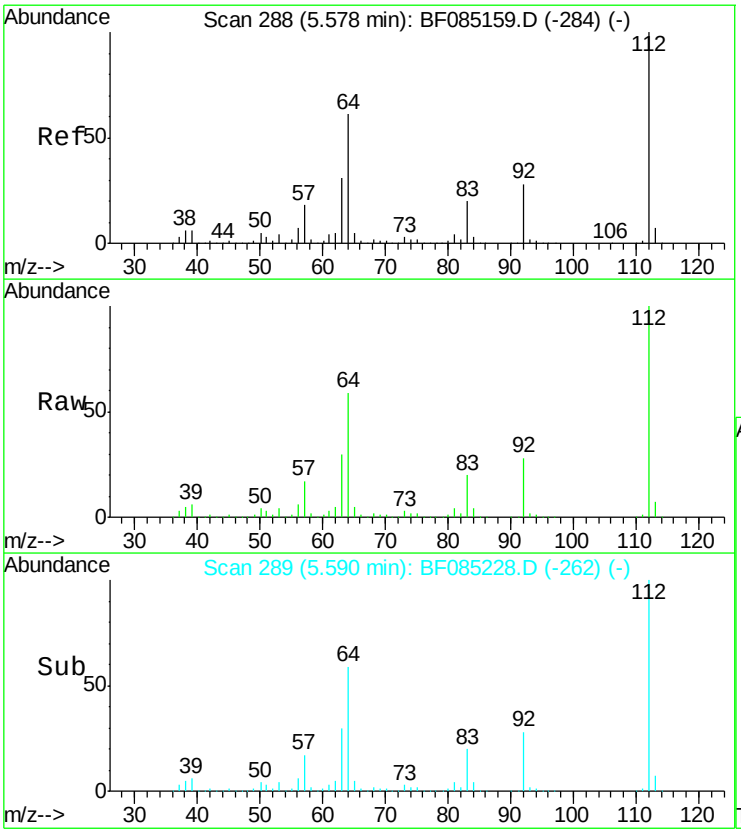
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Tgt Ion:152 Resp: 177227

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	57.6	46.6	70.0

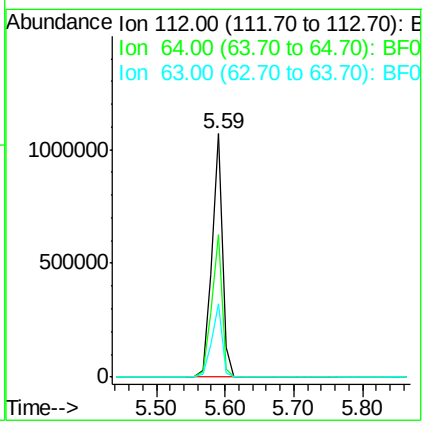


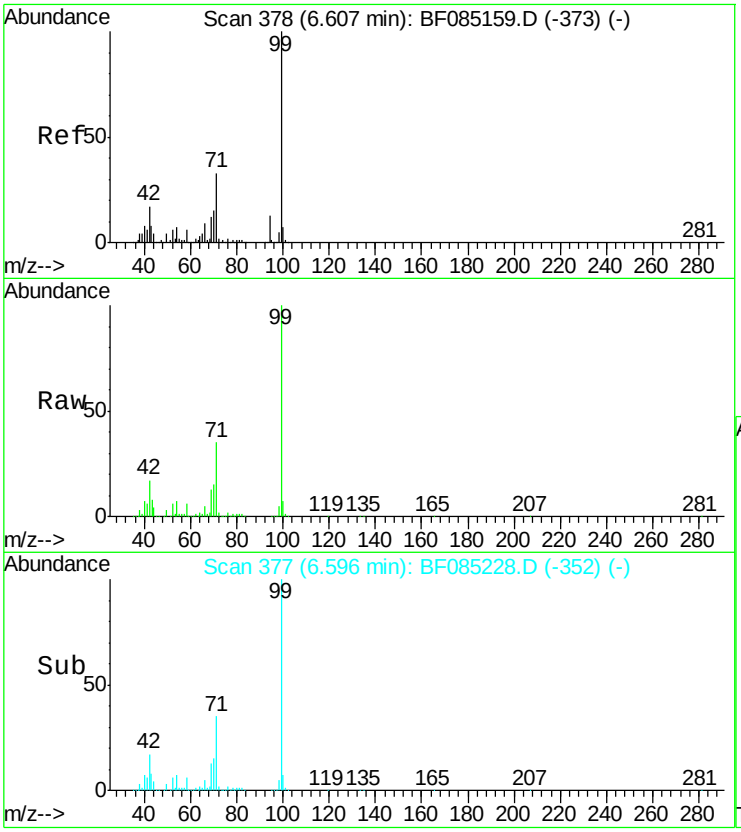


#5
2-Fluorophenol
Concen: 109.74 ng
RT: 5.59 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Tgt Ion:112 Resp: 1159475

Ion	Ratio	Lower	Upper
112	100		
64	58.6	49.0	73.4
63	29.9	24.8	37.2



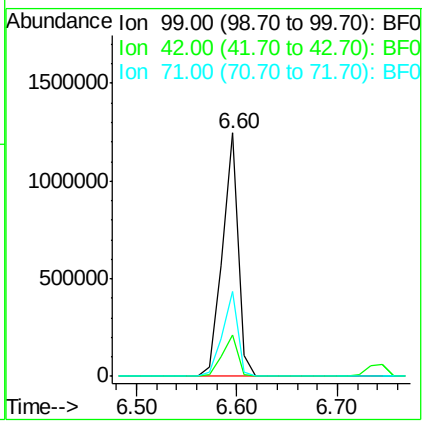


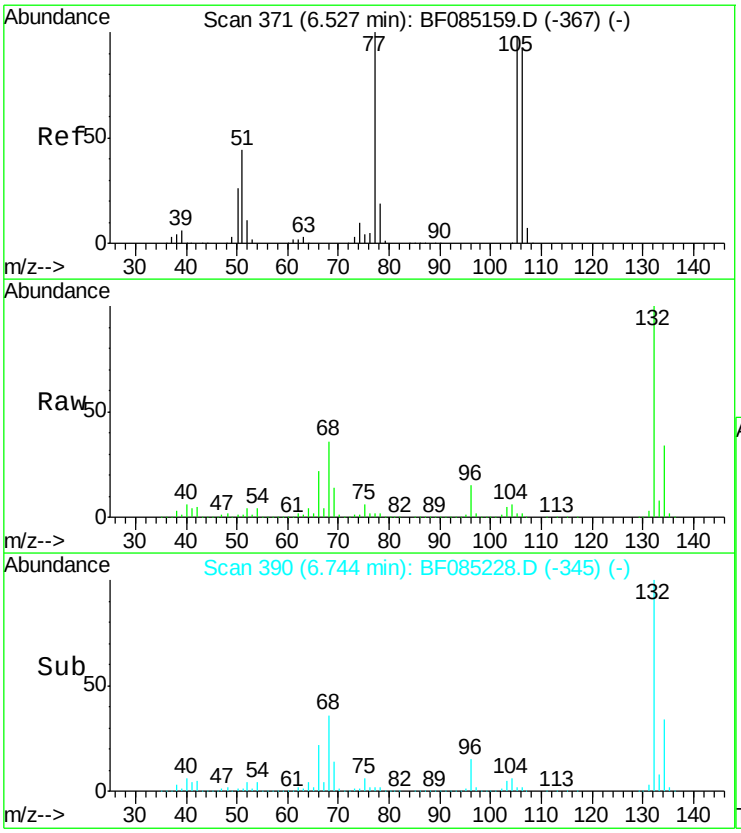
#7
Phenol-d6
Concen: 97.98 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Tgt Ion: 99 Resp: 1356350

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.6	20.4
71	35.0	26.7	40.1

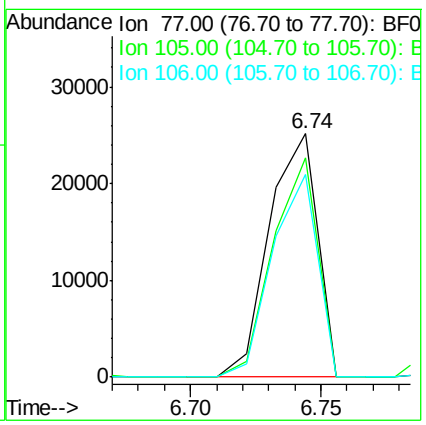


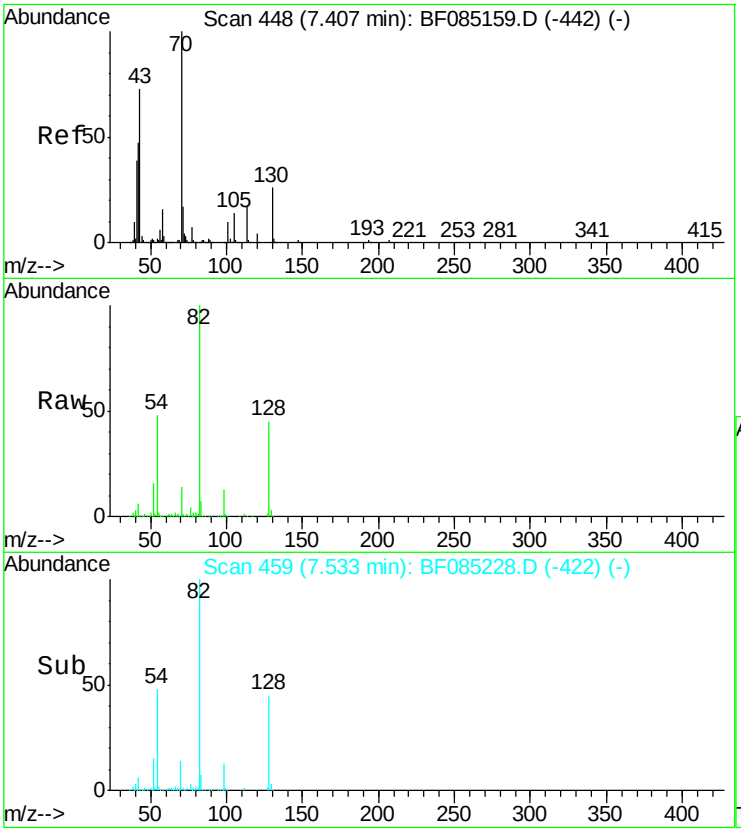


#9
Benzaldehyde
Concen: 2.14 ng
RT: 6.74 min Scan# 390
Delta R.T. 0.22 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Tgt Ion: 77 Resp: 32366

Ion	Ratio	Lower	Upper
77	100		
105	89.9	78.2	118.2
106	83.0	72.9	112.9



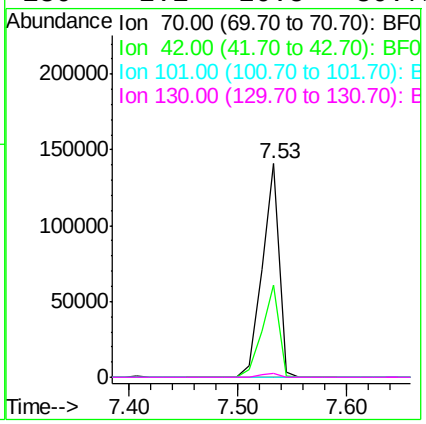


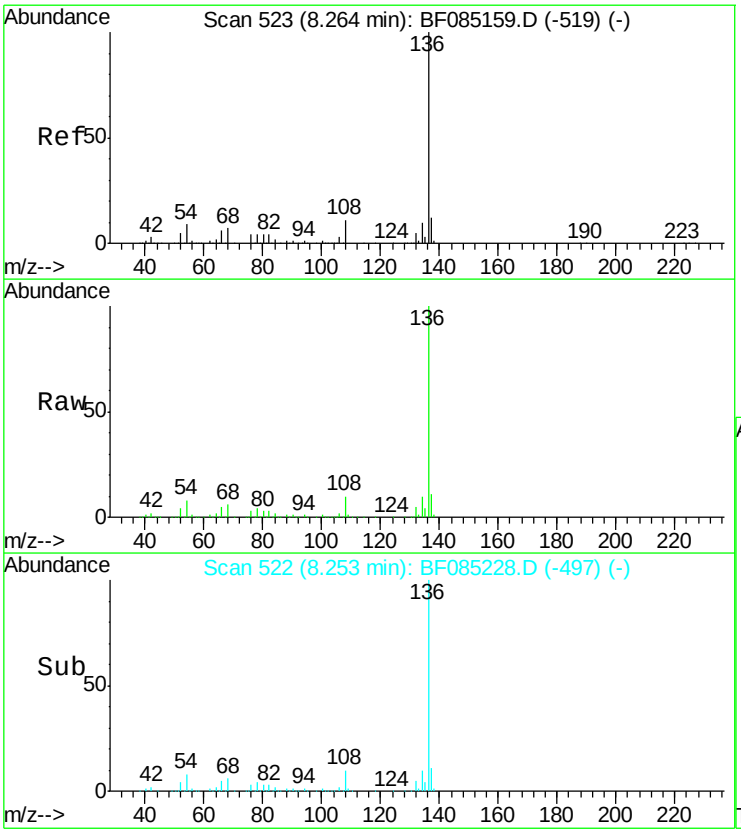
#19
n-Nitroso-di-n-propylamine
Concen: 17.07 ng
RT: 7.53 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Tgt Ion: 70 Resp: 154046

Ion	Ratio	Lower	Upper
70	100		
42	43.2	37.7	56.5
101	0.0	8.2	12.4#
130	2.1	20.5	30.7#

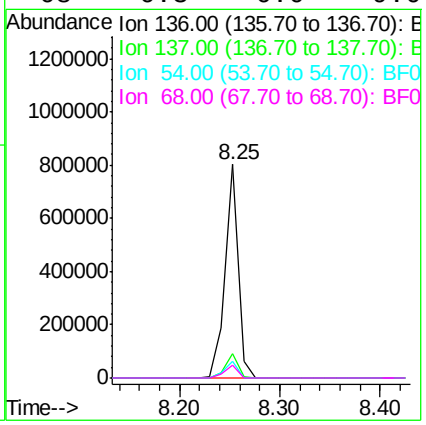


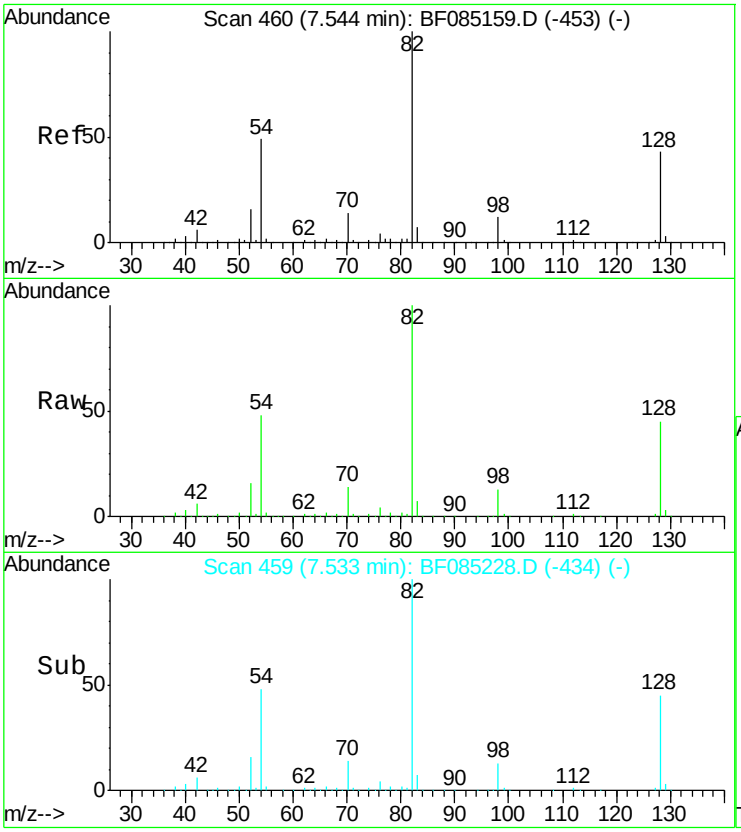


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Tgt Ion:136 Resp: 725648

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.6	7.4	11.2
68	6.3	6.0	9.0



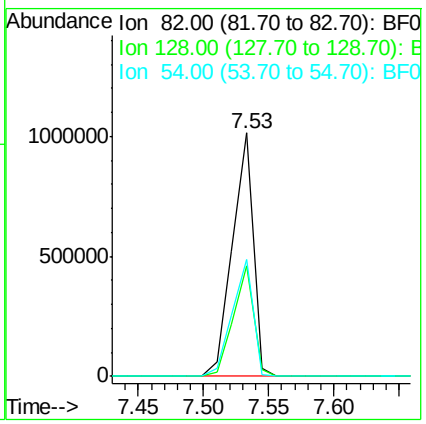


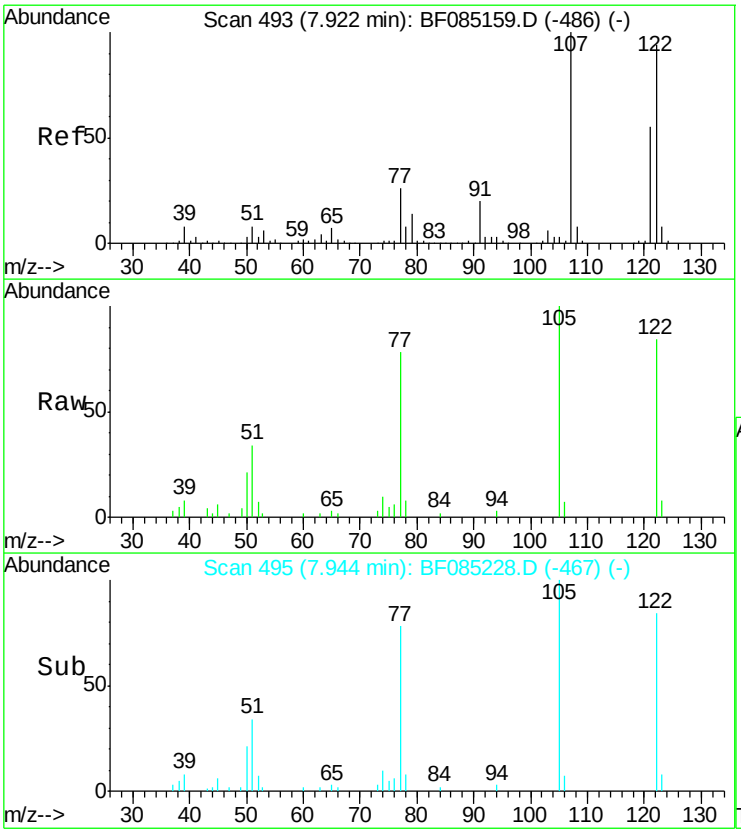
#23
Nitrobenzene-d5
Concen: 82.23 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Tgt Ion: 82 Resp: 1115144

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.5	51.7
54	47.8	39.3	58.9

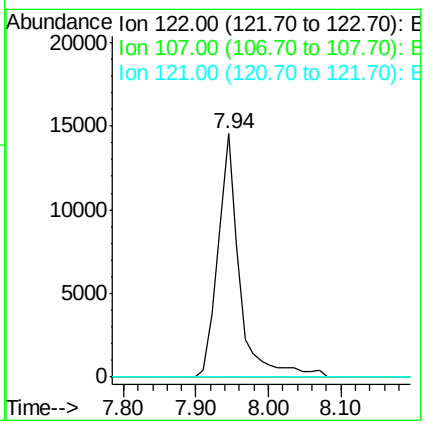


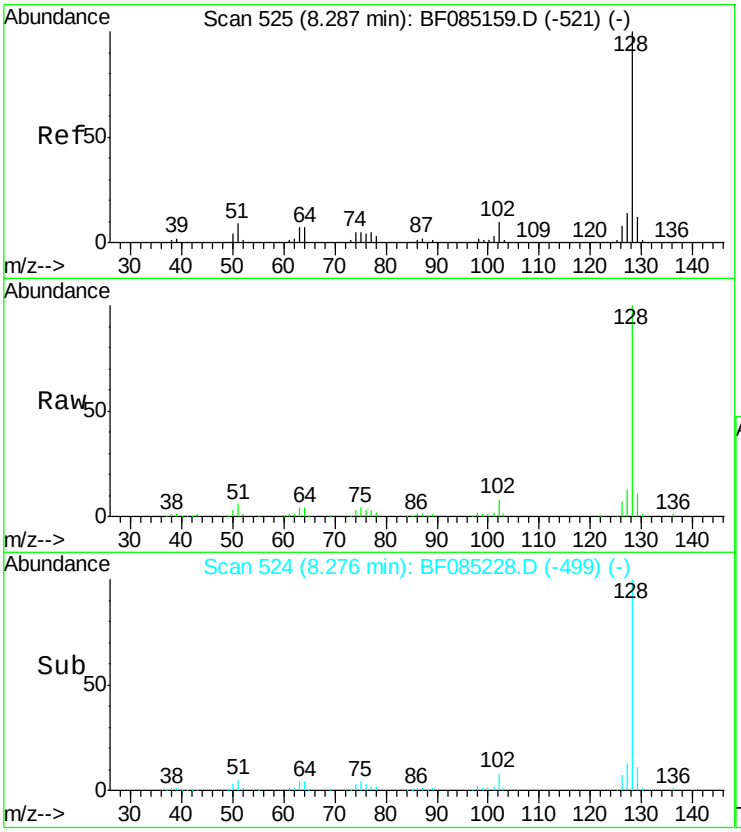


#27
2,4-Dimethylphenol
Concen: 2.44 ng
RT: 7.94 min Scan# 495
Delta R.T. 0.02 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Tgt Ion:122 Resp: 29846

Ion	Ratio	Lower	Upper
122	100		
107	0.0	84.8	127.2#
121	0.0	47.0	70.6#



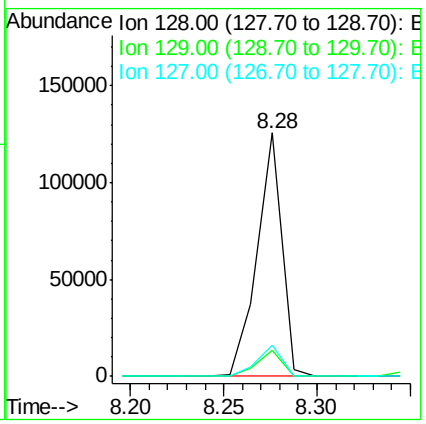


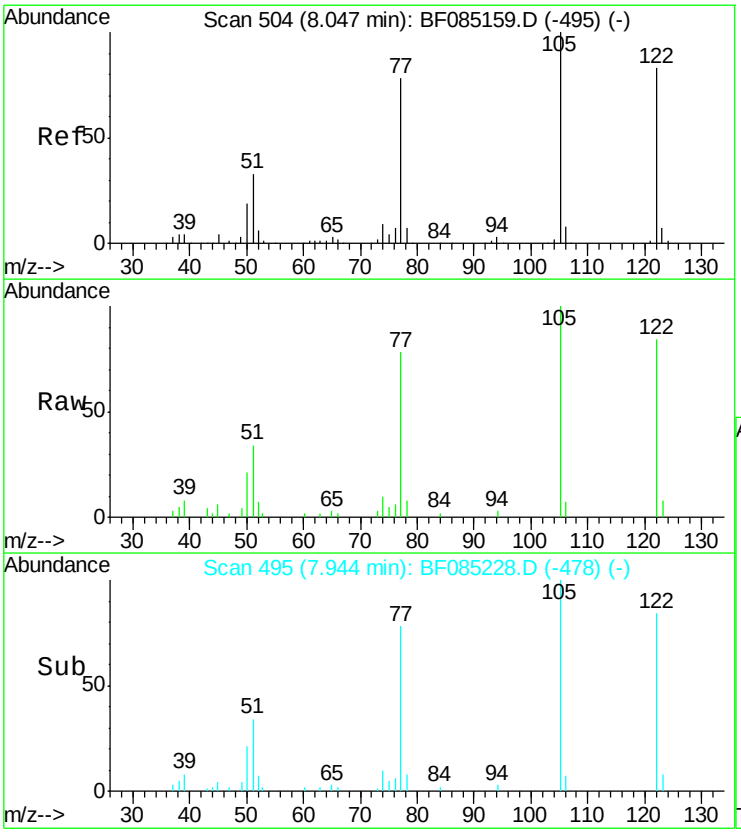
#31
Naphthalene
Concen: 3.21 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Tgt Ion:128 Resp: 114680

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.7	14.5
127	12.8	11.2	16.8

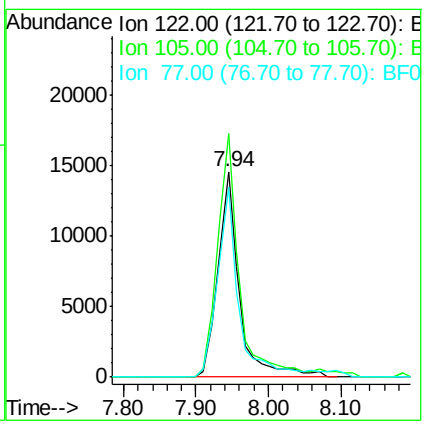


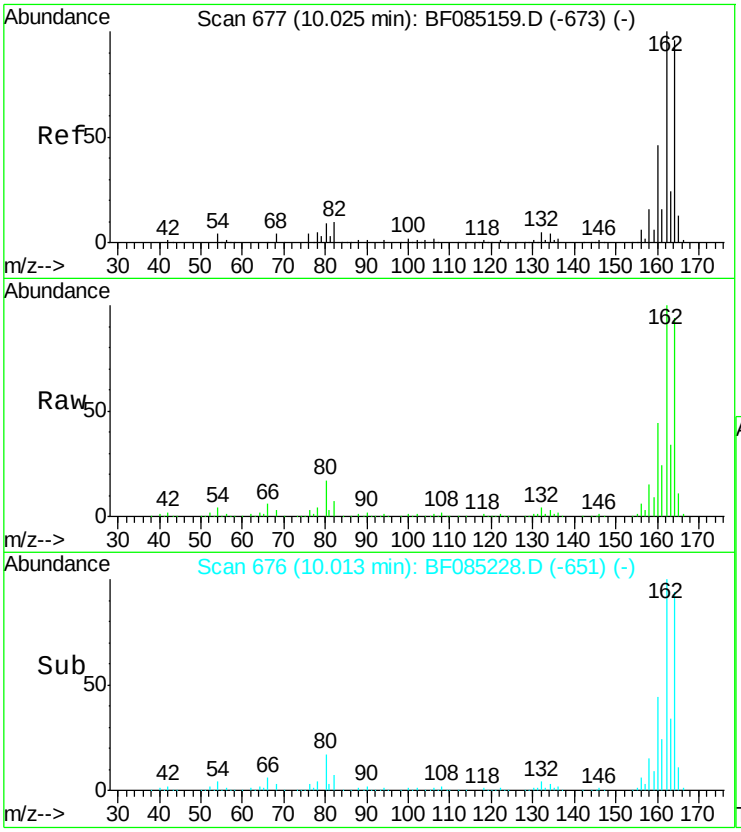


#32
Benzoic acid
Concen: 3.67 ng
RT: 7.94 min Scan# 495
Delta R.T. -0.10 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Tgt Ion:122 Resp: 29846

Ion	Ratio	Lower	Upper
122	100		
105	118.7	101.3	141.3
77	92.4	74.7	114.7



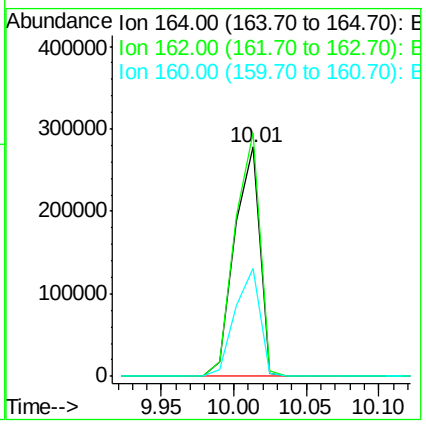


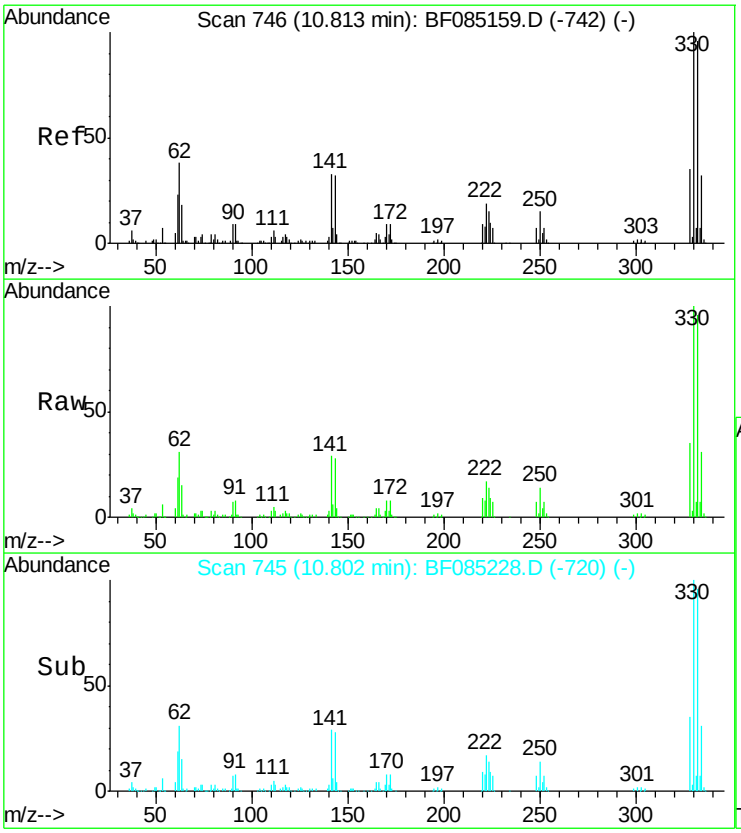
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Tgt Ion:164 Resp: 334970

Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.3	124.9
160	47.3	37.9	56.9

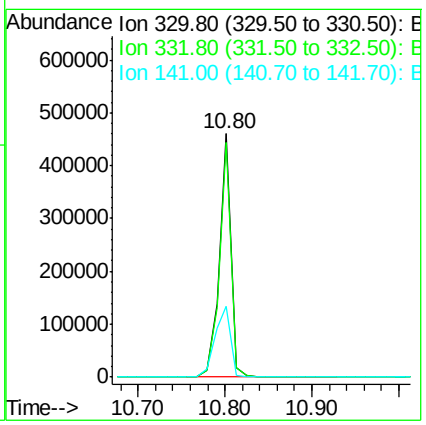


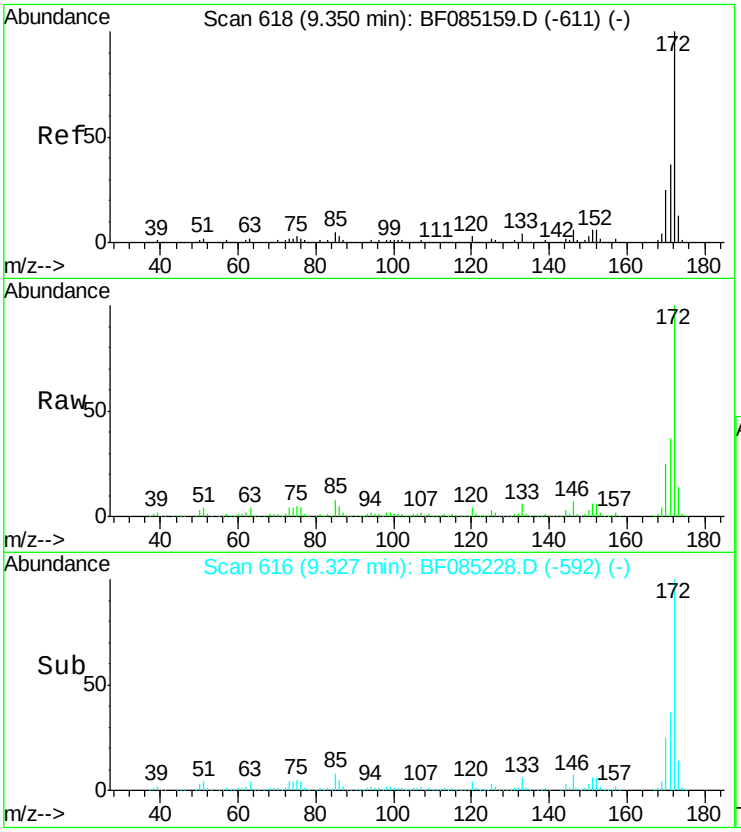


#41
2,4,6-Tribromophenol
Concen: 152.39 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Tgt Ion:330 Resp: 436790

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	38.7	35.0	52.6



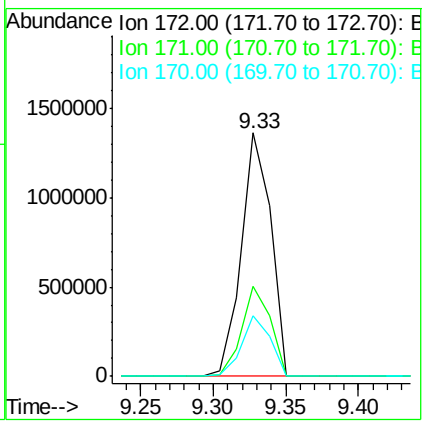


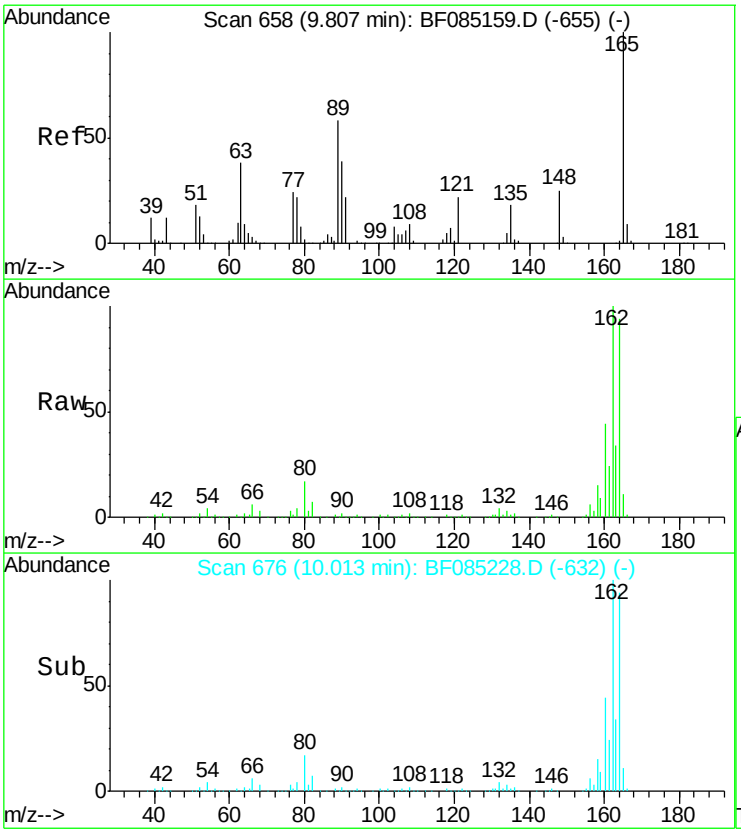
#44
2-Fluorobiphenyl
Concen: 86.88 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Tgt Ion:172 Resp: 1913648

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.3	43.9
170	25.0	20.0	30.0

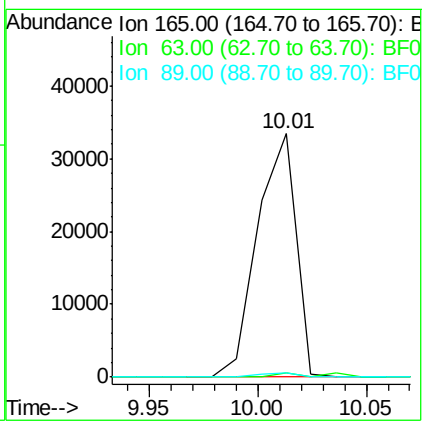


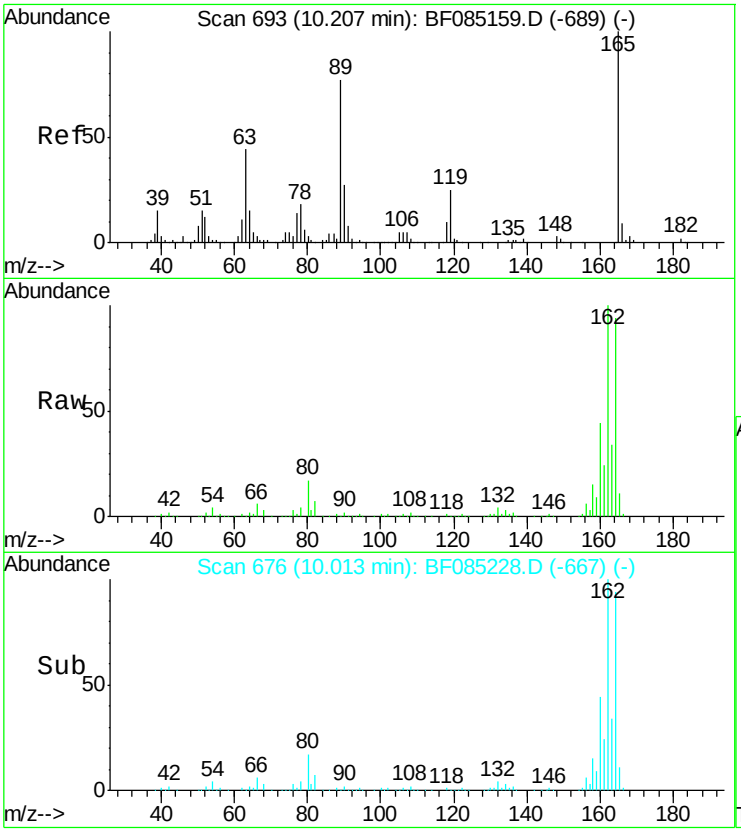


#50
2,6-Dinitrotoluene
Concen: 7.56 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.21 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Tgt Ion:165 Resp: 41597

Ion	Ratio	Lower	Upper
165	100		
63	2.0	41.8	62.8#
89	1.9	46.7	70.1#



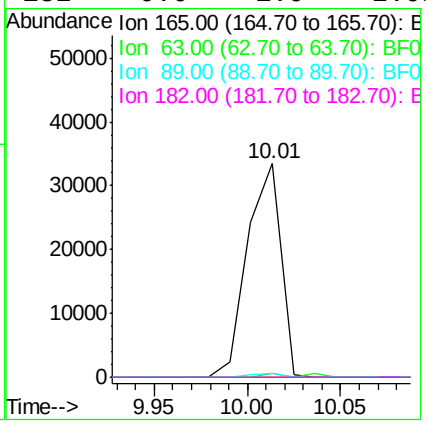


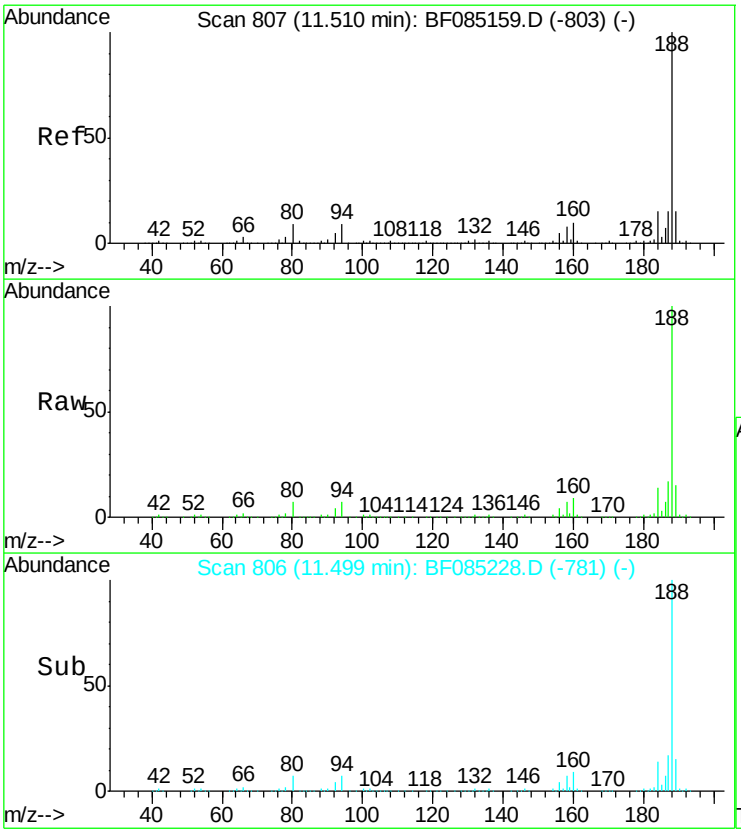
#56
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.19 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Tgt Ion:165 Resp: 41600

Ion	Ratio	Lower	Upper
165	100		
63	2.0	35.4	53.0#
89	1.9	61.9	92.9#
182	0.0	1.9	2.9#

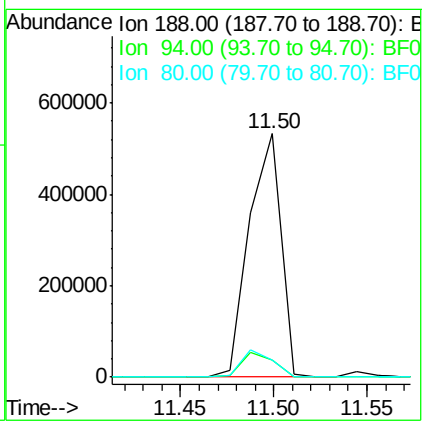


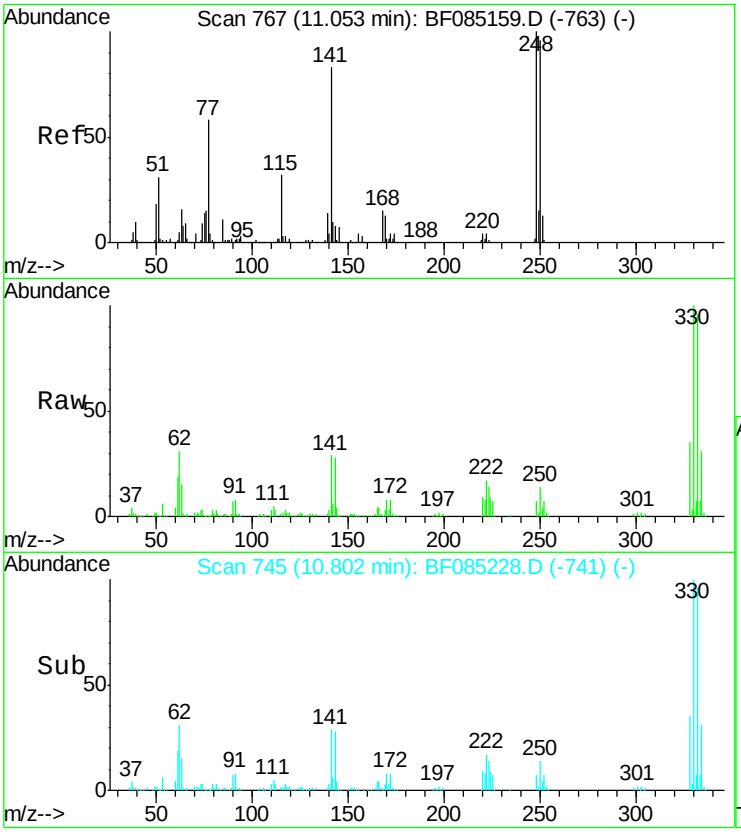


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Tgt Ion:188 Resp: 628179

Ion	Ratio	Lower	Upper
188	100		
94	6.8	7.0	10.6#
80	6.9	7.4	11.0#



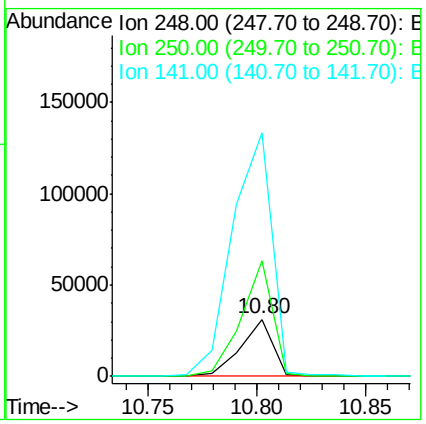


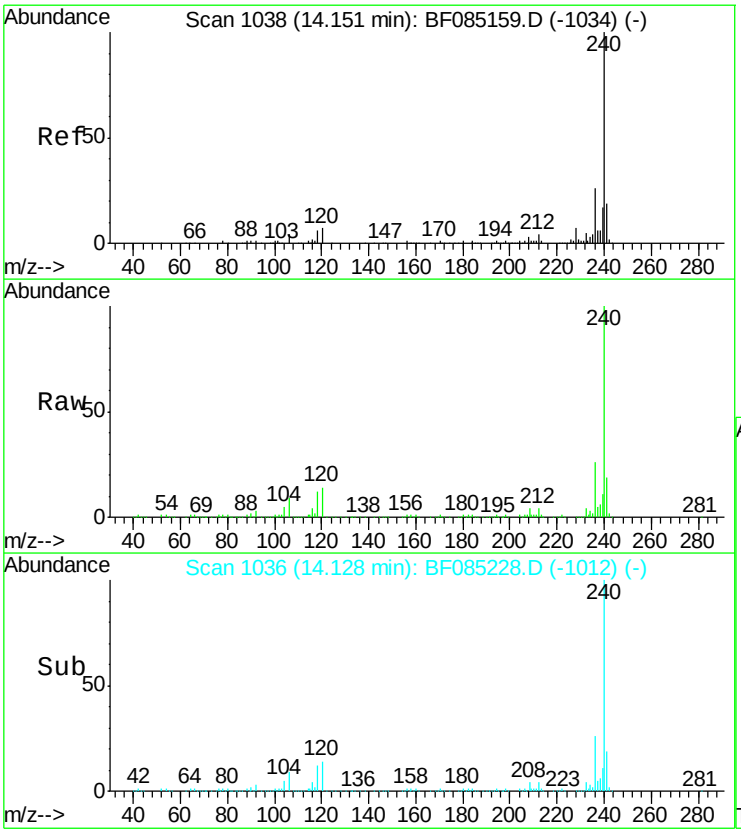
#66
4-Bromophenyl-phenylether
Concen: 5.16 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Tgt Ion:248 Resp: 31484

Ion	Ratio	Lower	Upper
248	100		
250	202.0	77.1	115.7#
141	427.6	66.2	99.2#

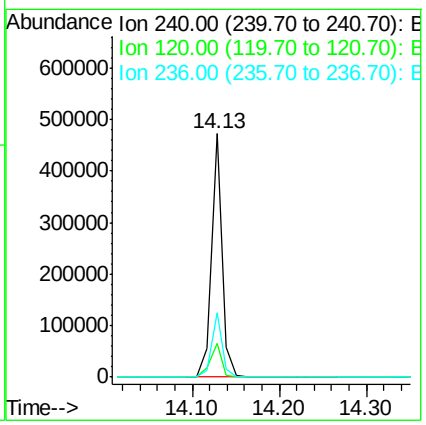


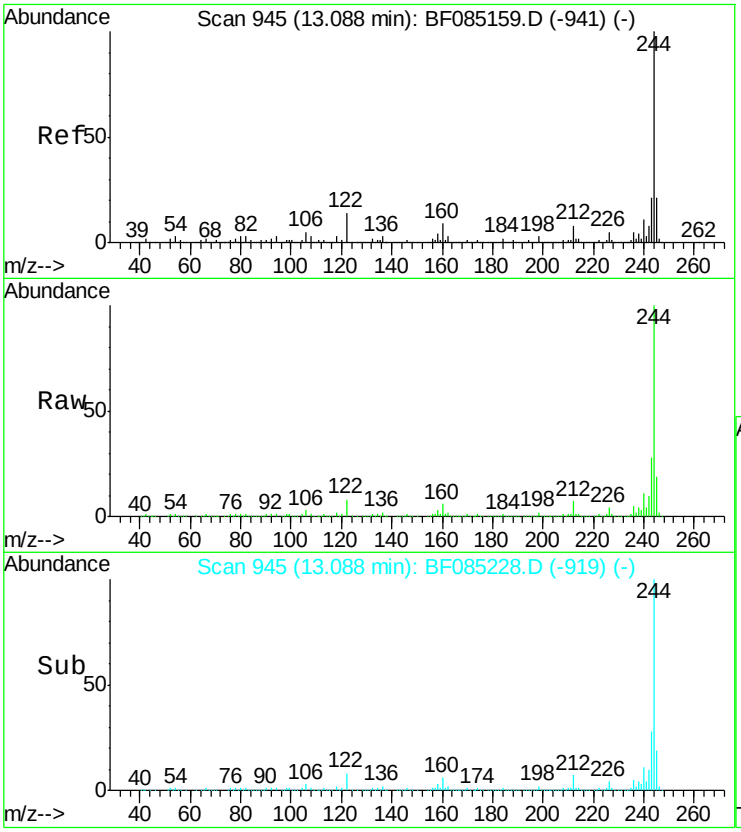


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Tgt Ion:240 Resp: 407915

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.3	7.9#
236	26.3	20.7	31.1



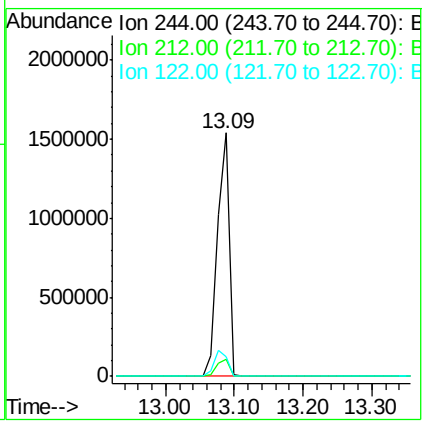


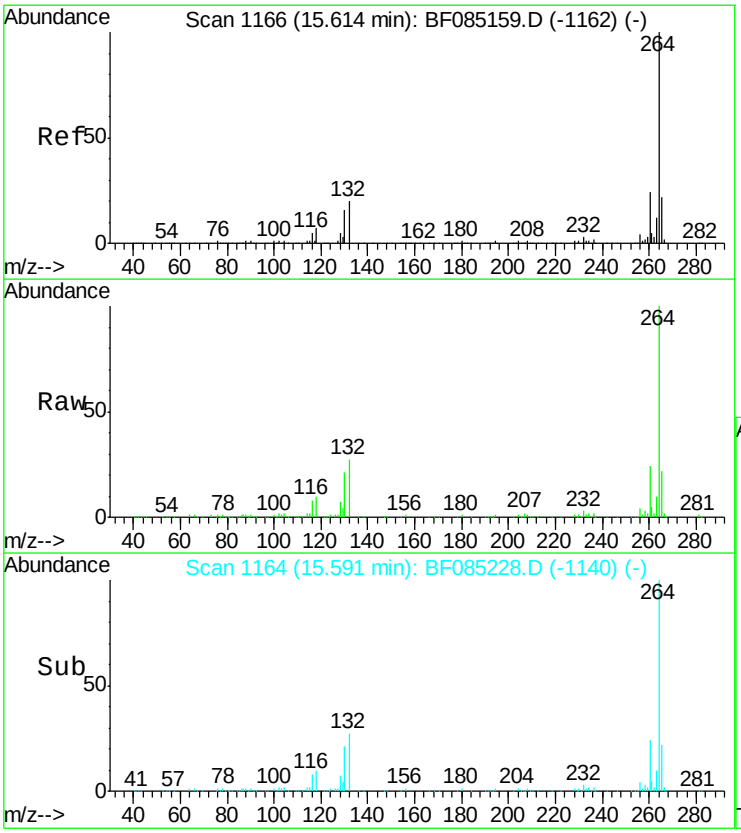
#78
Terphenyl-d14
Concen: 106.39 ng
RT: 13.09 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Tgt Ion:244 Resp: 1869486

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	8.3	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Tgt Ion:264 Resp: 281165

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.3	25.9