Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085940.D
Acq On : 31 Mar 2016 21:17
Operator : UM/SJ
Sample : H1976-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Time: Mar 31 21:48:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106746	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	411990	20.00	ng		-0.02
38) Acenaphthene-d10	9.83	164	192814	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	314175	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	200869	20.00	ng		-0.02
86) Perylene-d12	15.36	264	201178	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	300510	46.88	ng		-0.01
7) Phenol-d6	6.42	99	366247	44.94	ng		-0.02
23) Nitrobenzene-d5	7.36	82	729918	99.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	161531	88.17	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	1154315	100.02	ng		-0.01
78) Terphenyl-d14	12.89	244	810373	82.97	ng		-0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	6.94	79	11541	2.12	ng	#	51
19) n-Nitroso-di-n-propylamine	7.36	70	99416	20.37	ng	#	76
22) Acetophenone	7.18	105	20323	2.12	ng	#	58
24) Nitrobenzene	7.33	77	16816	2.23	ng	#	21
25) Isophorone	7.36	82	714230	50.68	ng	#	68
27) 2,4-Dimethylphenol	7.74	122	41813	6.34	ng		98
31) Naphthalene	8.09	128	455472	21.94	ng		99
32) Benzoic acid	7.88	122	33303	7.60	ng	#	14
33) 4-Chloroaniline	8.09	127	70091	8.27	ng	#	34
37) 2-Methylnaphthalene	8.79	142	398788	30.42	ng		99
53) 2,4-Dinitrophenol	9.98	184	282	6.20	ng	#	1
57) Fluorene	10.38	166	31380	2.45	ng	#	97
66) 4-Bromophenyl-phenylether	10.62	248	11584	3.60	ng	#	1
70) Phenanthrene	11.34	178	33213	2.06	ng		95

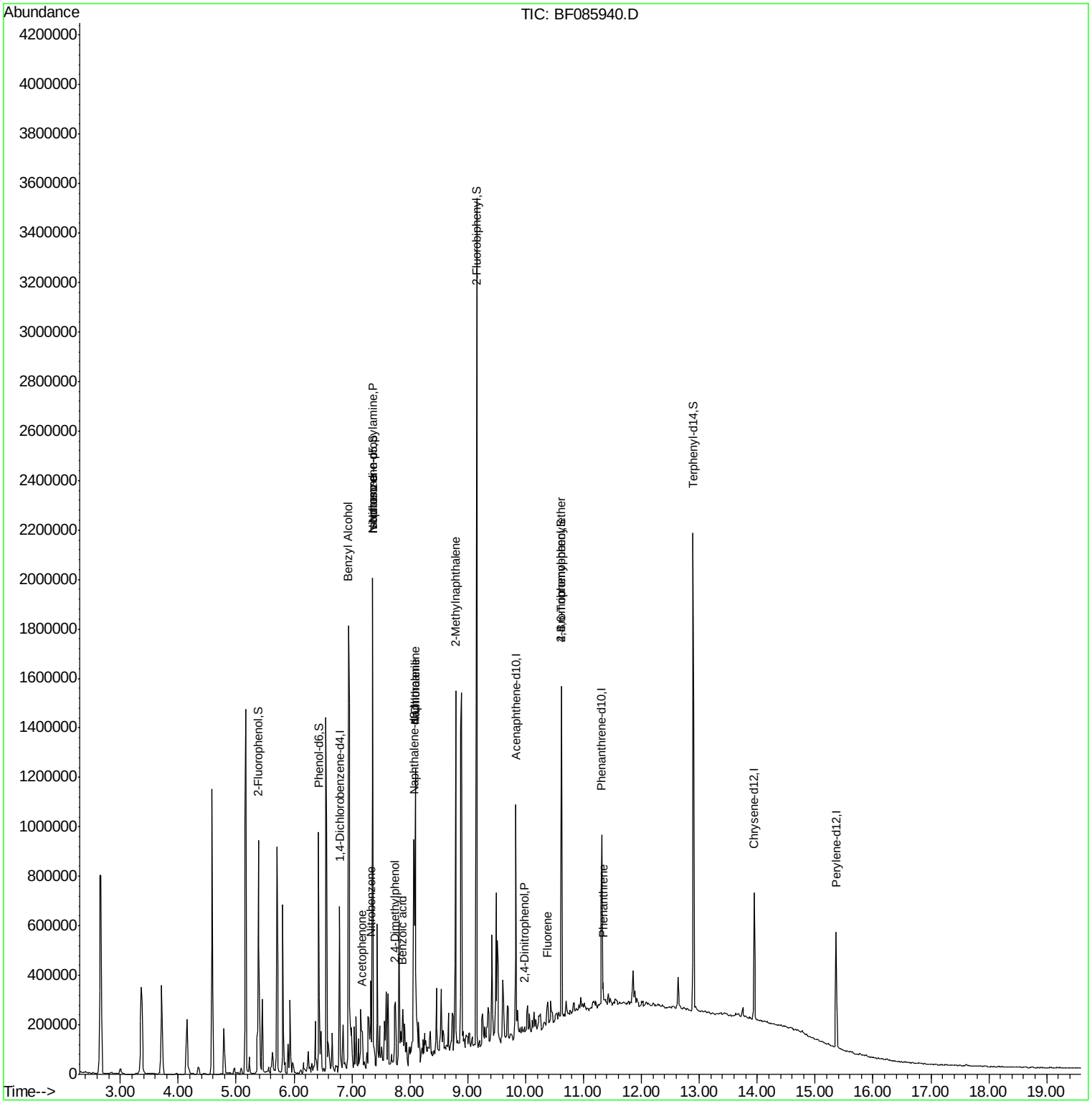
(#) = qualifier out of range (m) = manual integration (+) = signals summed

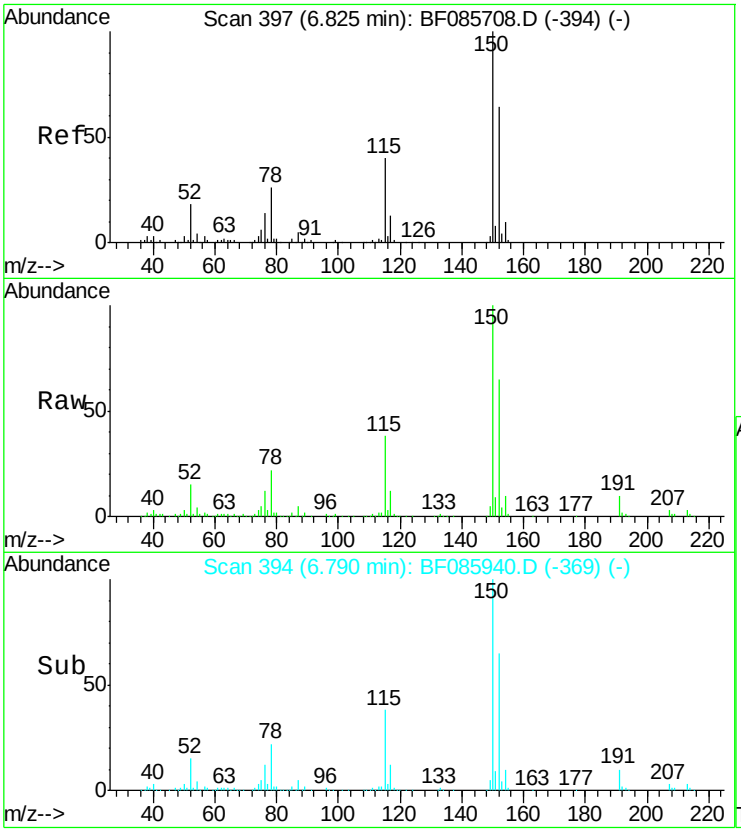
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085940.D
Acq On : 31 Mar 2016 21:17
Operator : UM/SJ
Sample : H1976-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Time: Mar 31 21:48:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration



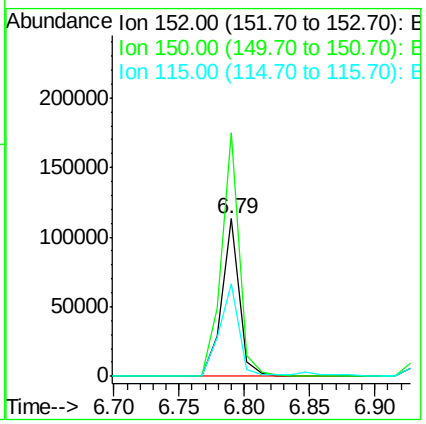


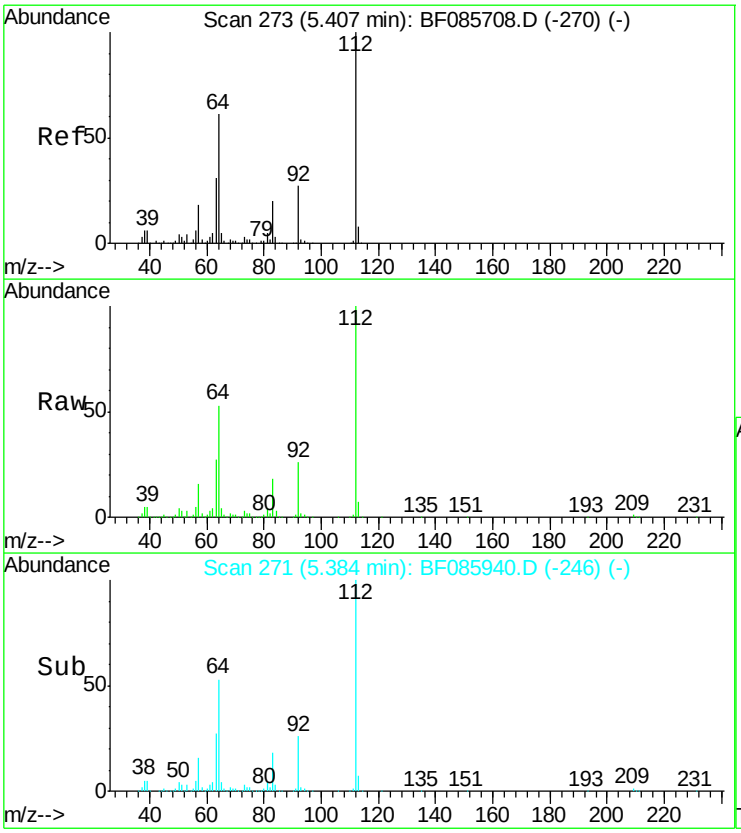
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:152 Resp: 106746

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.2	186.2
115	58.6	47.0	70.6

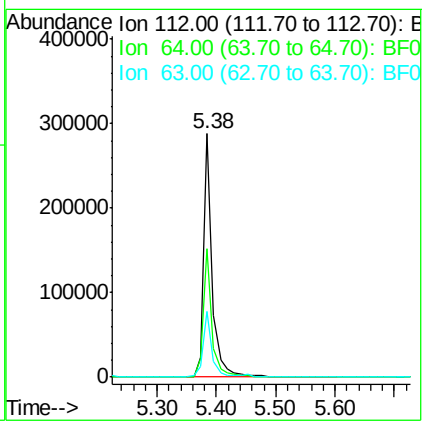


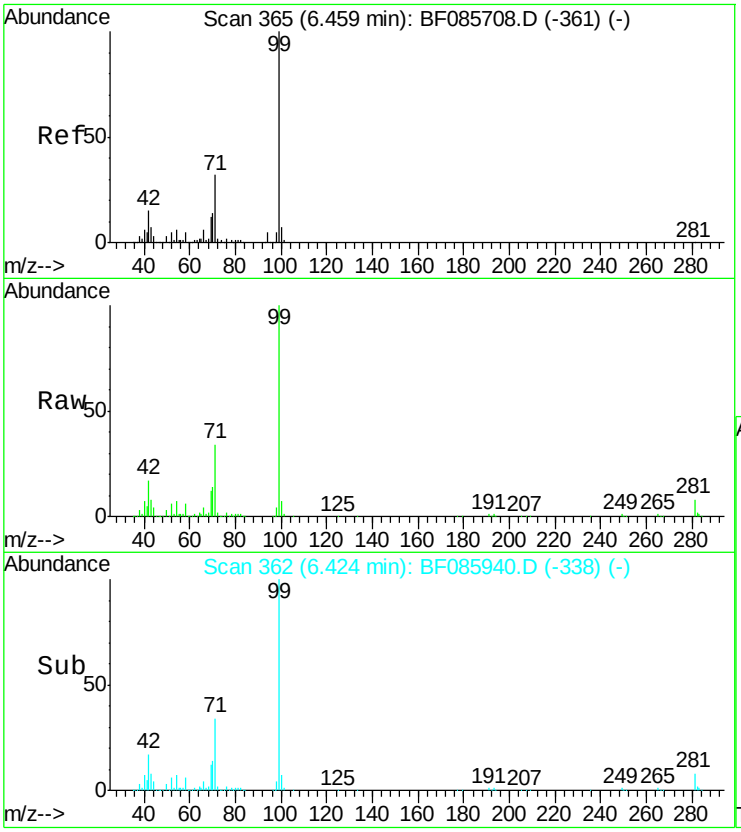


#5
2-Fluorophenol
Concen: 46.88 ng
RT: 5.38 min Scan# 271
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Tgt Ion:112 Resp: 300510

Ion	Ratio	Lower	Upper
112	100		
64	52.7	39.9	59.9
63	27.1	20.2	30.2



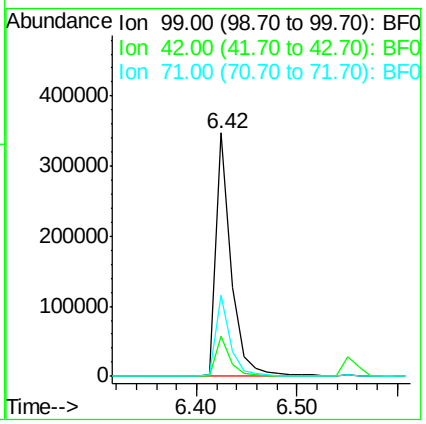


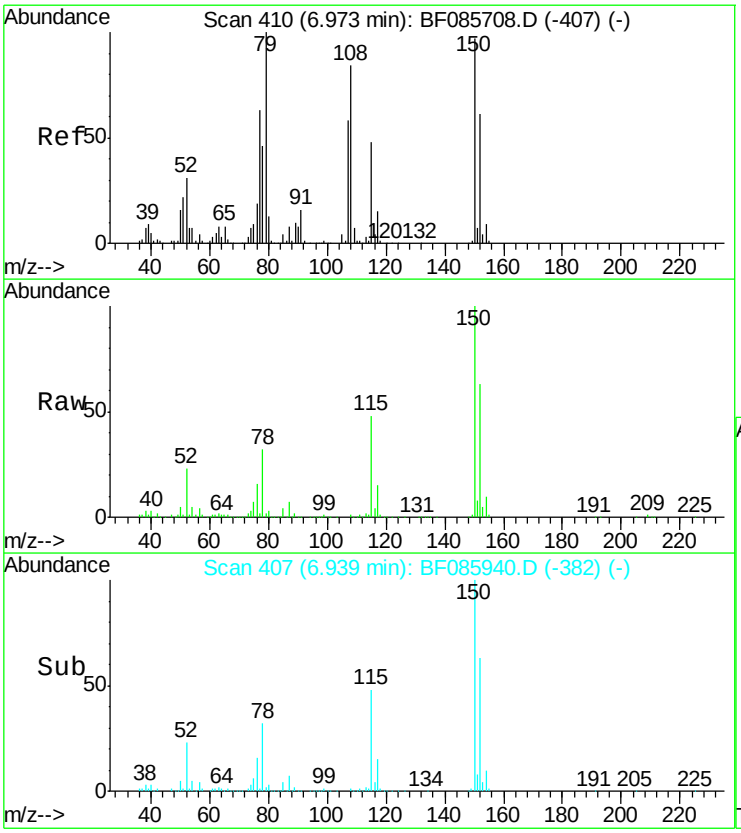
#7
Phenol-d6
Concen: 44.94 ng
RT: 6.42 min Scan# 362
Delta R.T. -0.02 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 99 Resp: 366247

Ion	Ratio	Lower	Upper
99	100		
42	16.7	11.1	16.7
71	33.5	24.9	37.3

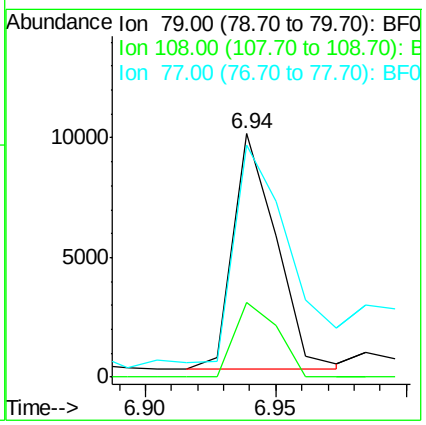


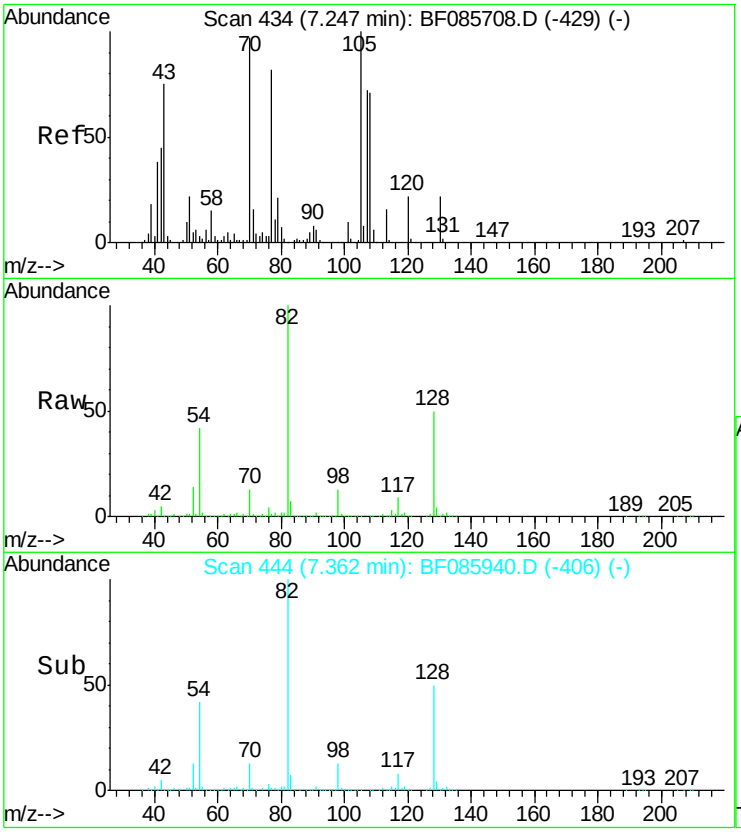


#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Tgt Ion: 79 Resp: 11541

Ion	Ratio	Lower	Upper
79	100		
108	30.8	61.8	92.6#
77	95.2	49.6	74.4#



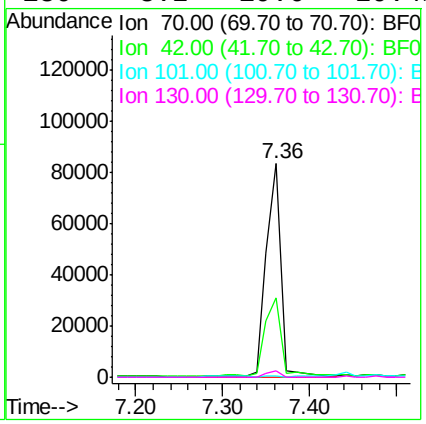


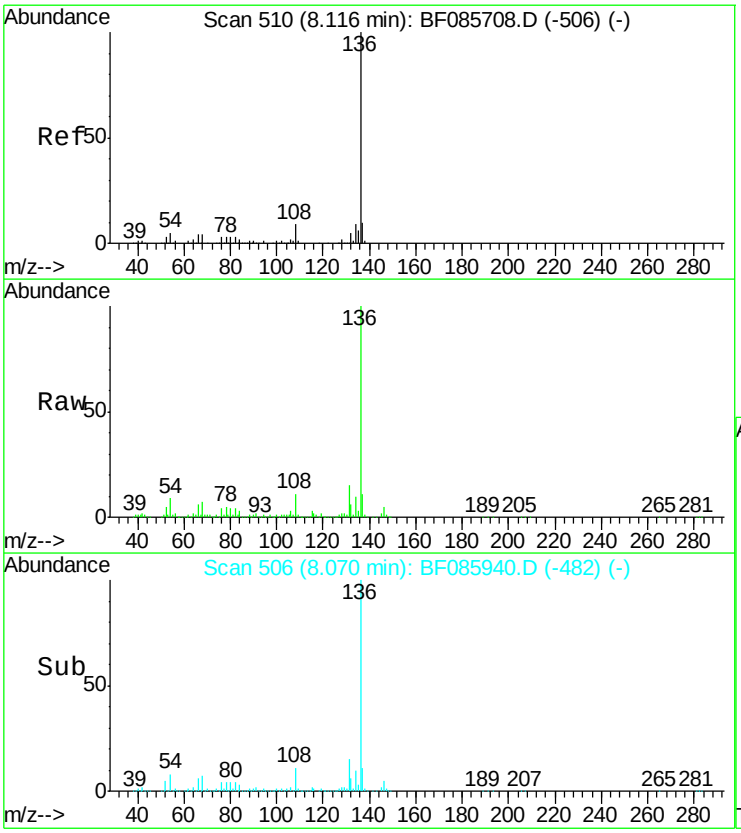
#19
n-Nitroso-di-n-propylamine
Concen: 20.37 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 70 Resp: 99416

Ion	Ratio	Lower	Upper
70	100		
42	37.1	37.1	55.7
101	0.4	8.6	12.8#
130	3.2	19.6	29.4#

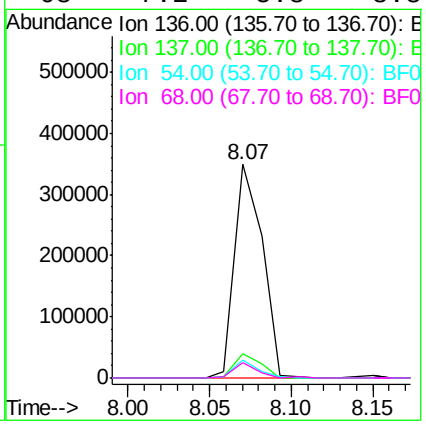


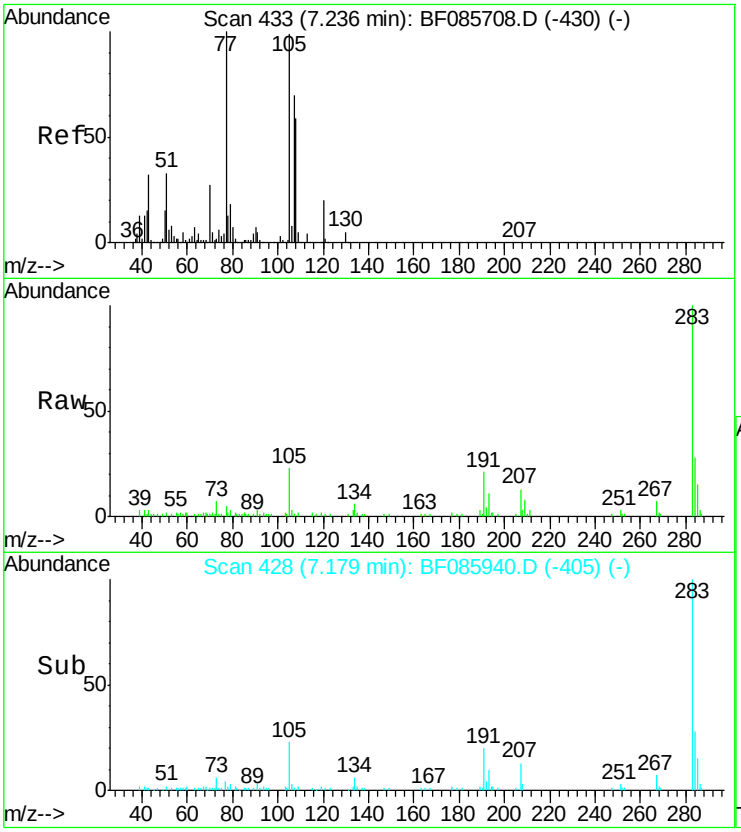


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Tgt Ion:136 Resp: 411990

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.5	7.4	11.0
68	7.2	5.8	8.8



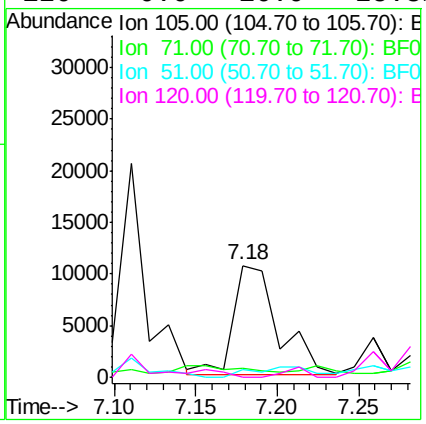


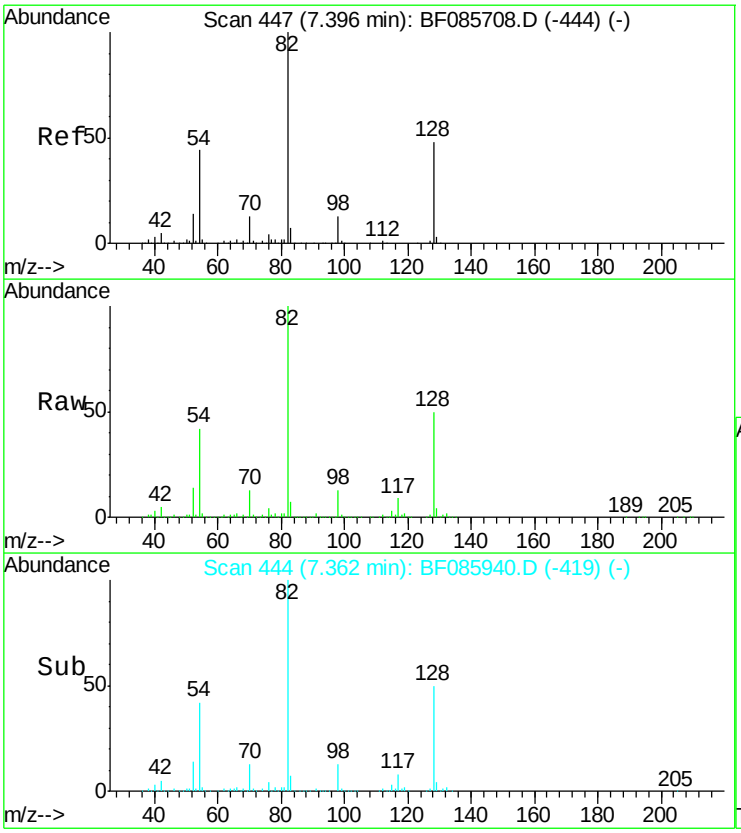
#22
Acetophenone
Concen: 2.12 ng
RT: 7.18 min Scan# 428
Delta R.T. -0.03 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:105 Resp: 20323

Ion	Ratio	Lower	Upper
105	100		
71	7.6	3.6	5.4#
51	6.7	25.4	38.0#
120	0.0	16.9	25.3#

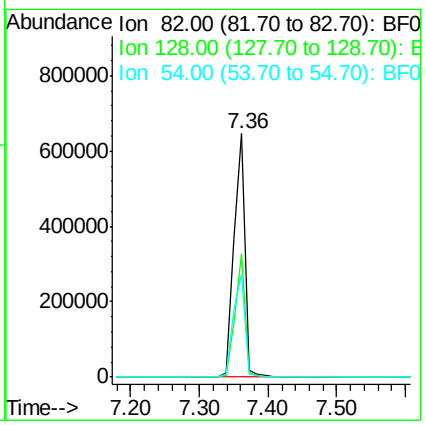


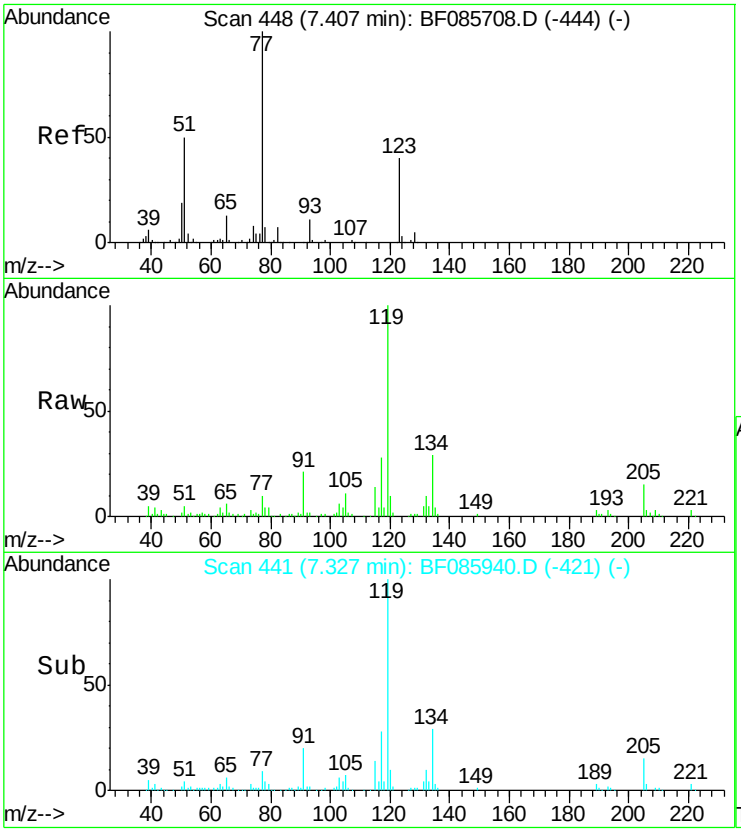


#23
Nitrobenzene-d5
Concen: 99.77 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Tgt Ion: 82 Resp: 729918

Ion	Ratio	Lower	Upper
82	100		
128	50.4	41.8	62.8
54	42.5	33.4	50.0



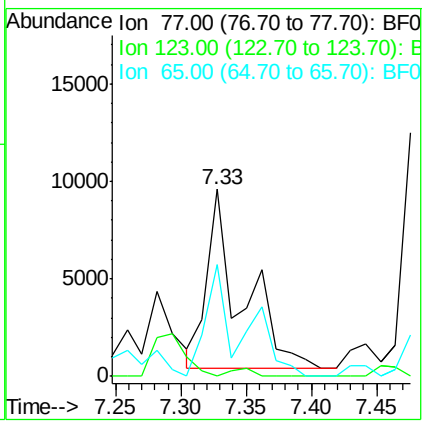


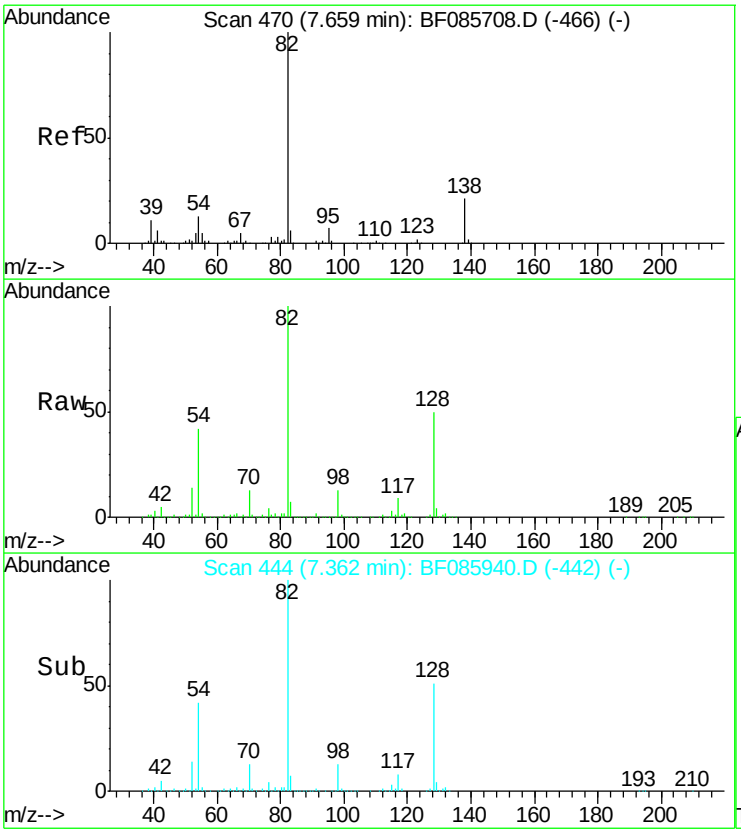
#24
Nitrobenzene
Concen: 2.23 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.07 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 77 Resp: 16816

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.0	52.4#
65	59.8	10.6	16.0#

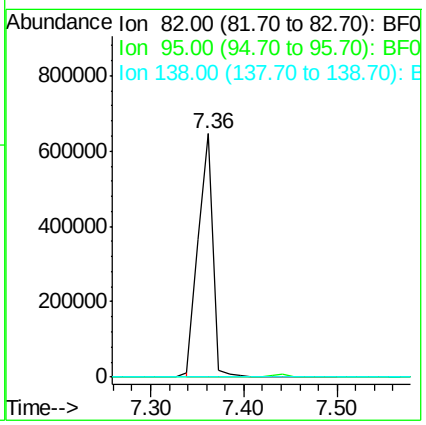


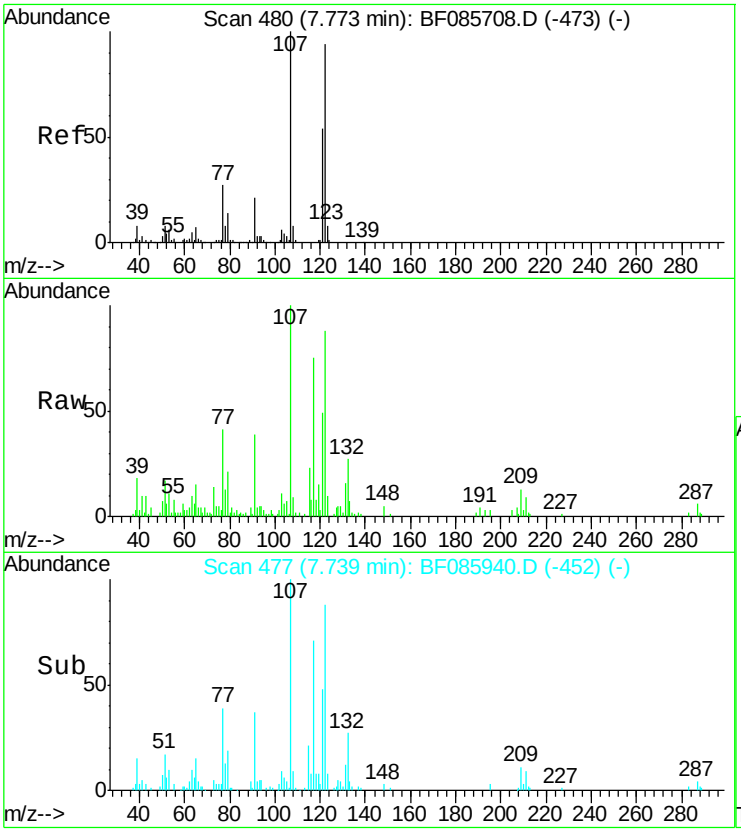


#25
Isophorone
Concen: 50.68 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.27 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Tgt Ion: 82 Resp: 714230

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	12.9	19.3#



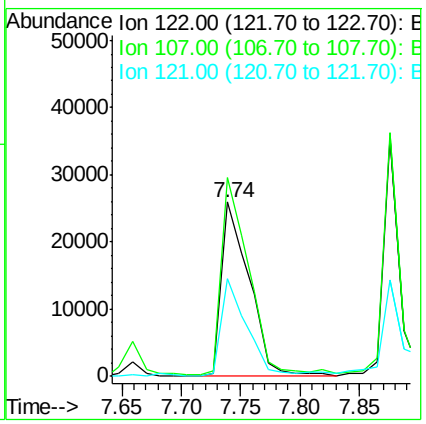


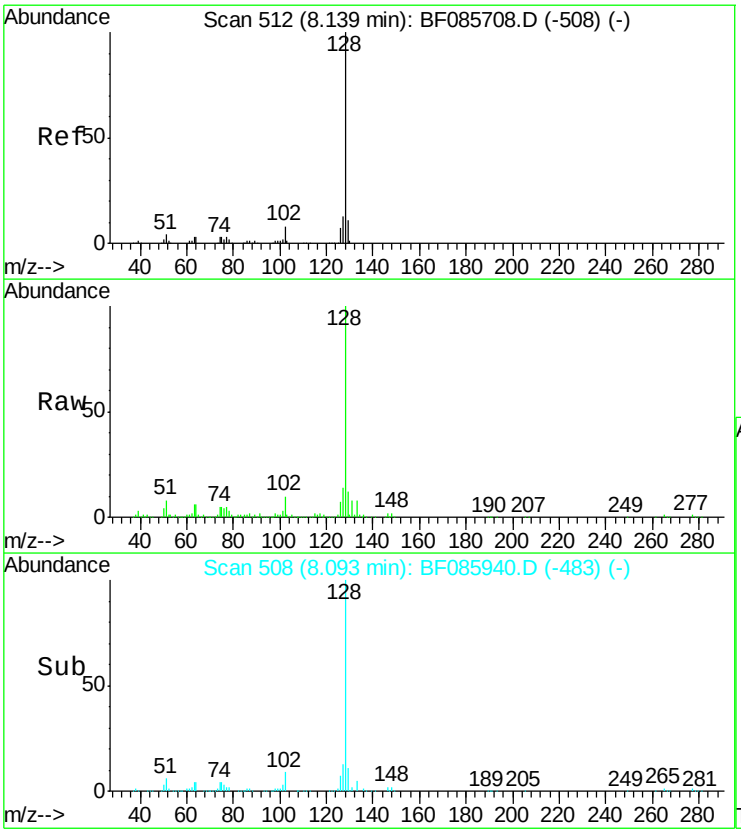
#27
2,4-Dimethylphenol
Concen: 6.34 ng
RT: 7.74 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:122 Resp: 41813

Ion	Ratio	Lower	Upper
122	100		
107	113.9	93.0	139.6
121	56.3	45.9	68.9

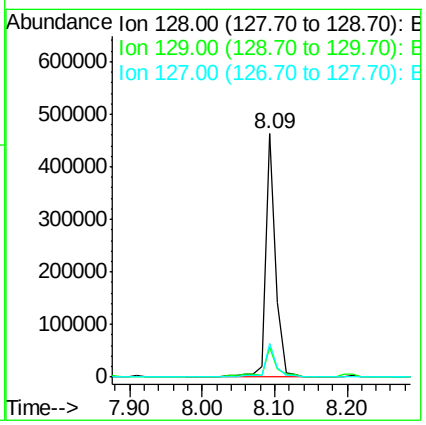


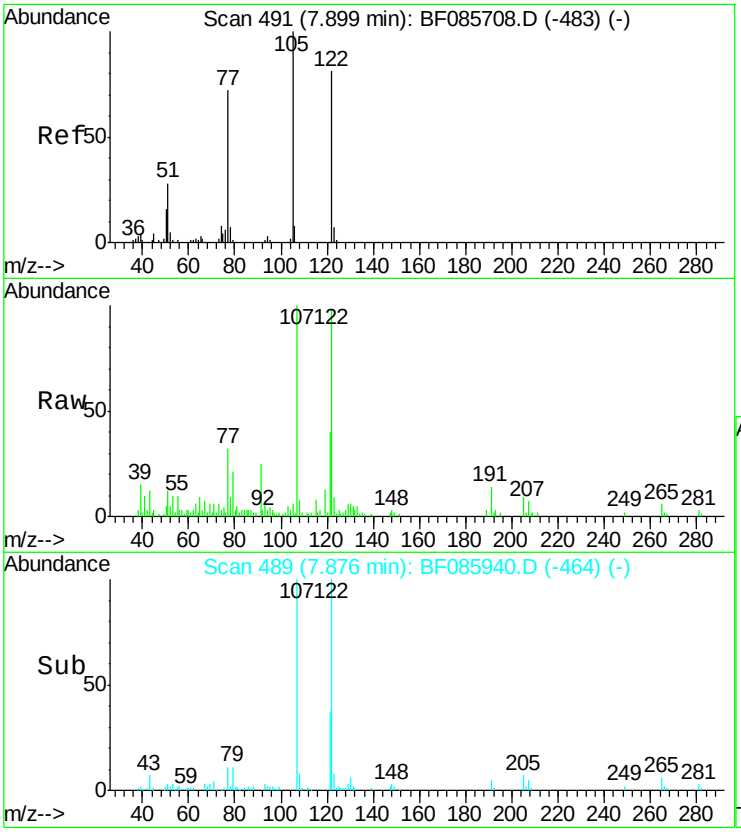


#31
Naphthalene
Concen: 21.94 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Tgt Ion:128 Resp: 455472

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.4	14.0
127	13.6	11.0	16.6



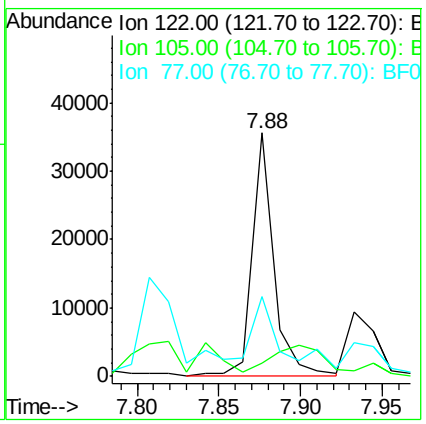


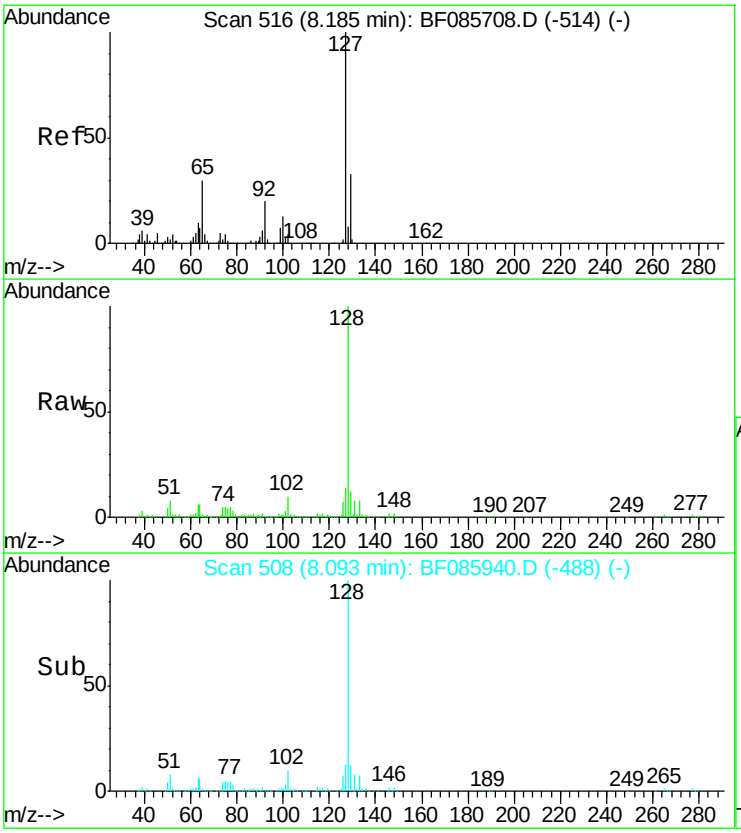
#32
Benzoic acid
Concen: 7.60 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:122 Resp: 33303

Ion	Ratio	Lower	Upper
122	100		
105	5.6	102.9	142.9#
77	33.0	71.8	111.8#

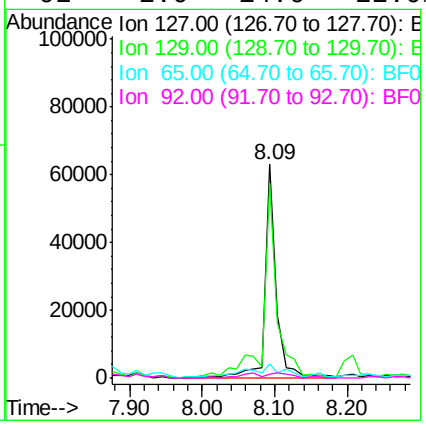


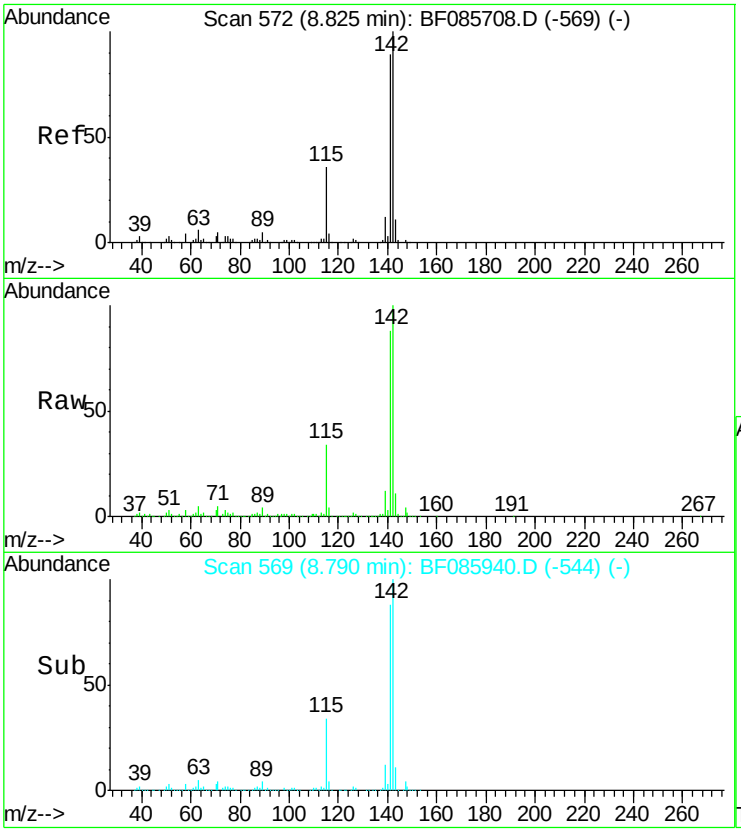


#33
4-Chloroaniline
Concen: 8.27 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.07 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Tgt Ion:127 Resp: 70091

Ion	Ratio	Lower	Upper
127	100		
129	91.0	26.1	39.1#
65	6.4	19.5	29.3#
92	2.0	14.6	22.0#



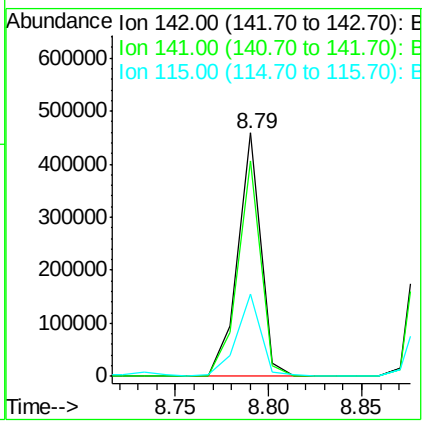


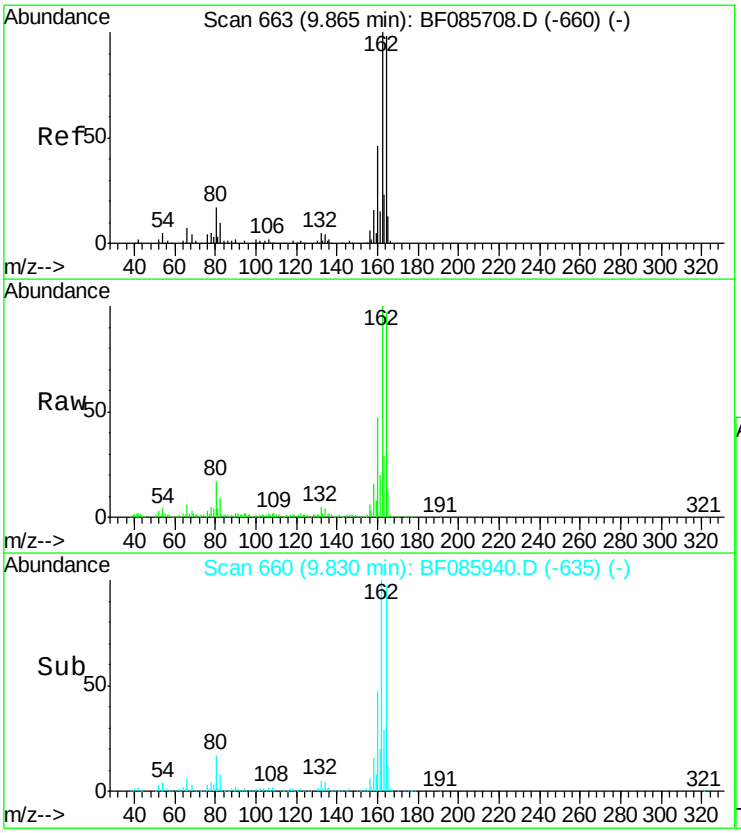
#37
2-Methylnaphthalene
Concen: 30.42 ng
RT: 8.79 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:142 Resp: 398788

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4
115	34.0	26.8	40.2

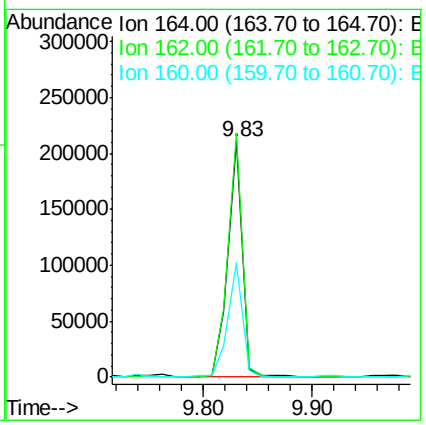


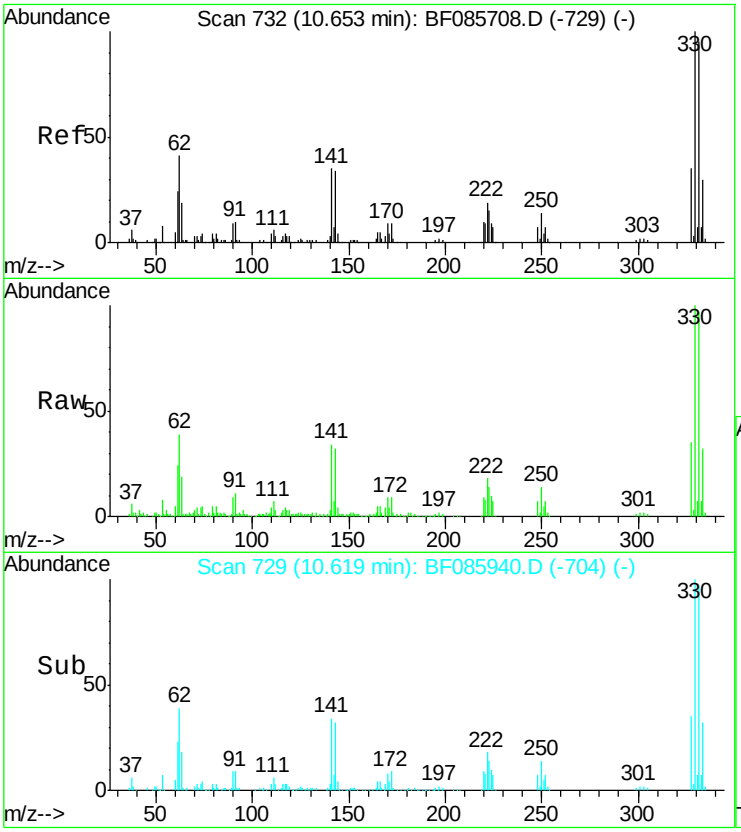


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Tgt Ion:164 Resp: 192814

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.1	123.1
160	48.6	37.4	56.2



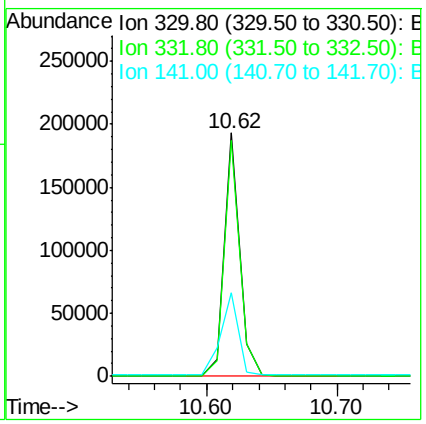


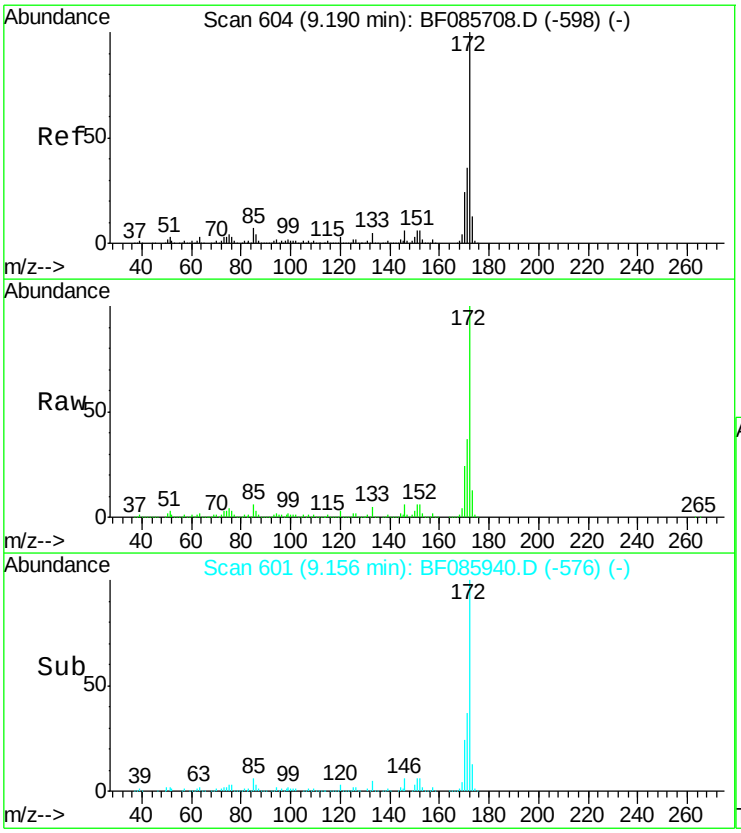
#41
2,4,6-Tribromophenol
Concen: 88.17 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:330 Resp: 161531

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.2	117.2
141	38.9	31.5	47.3

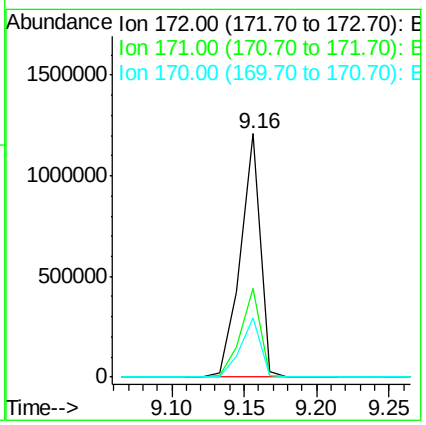


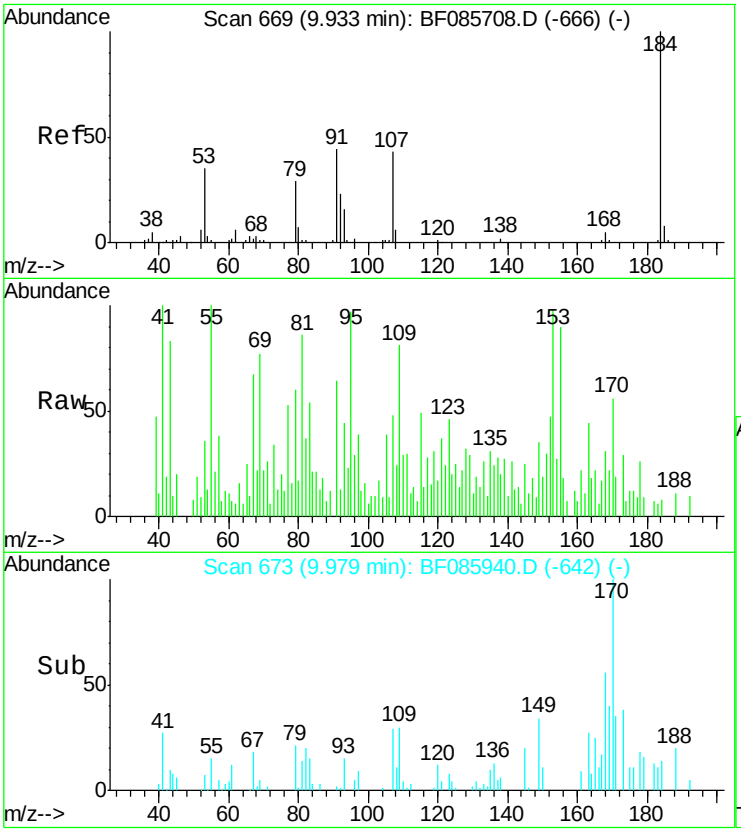


#44
2-Fluorobiphenyl
Concen: 100.02 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Tgt Ion:172 Resp: 1154315

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.4	19.8	29.6



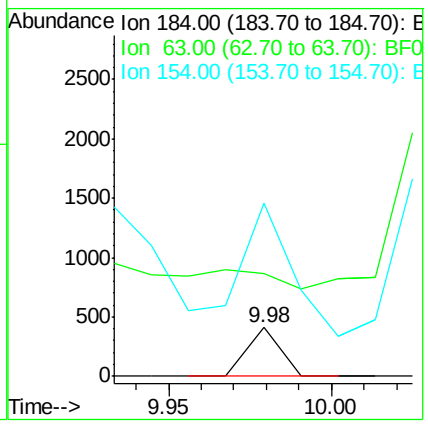


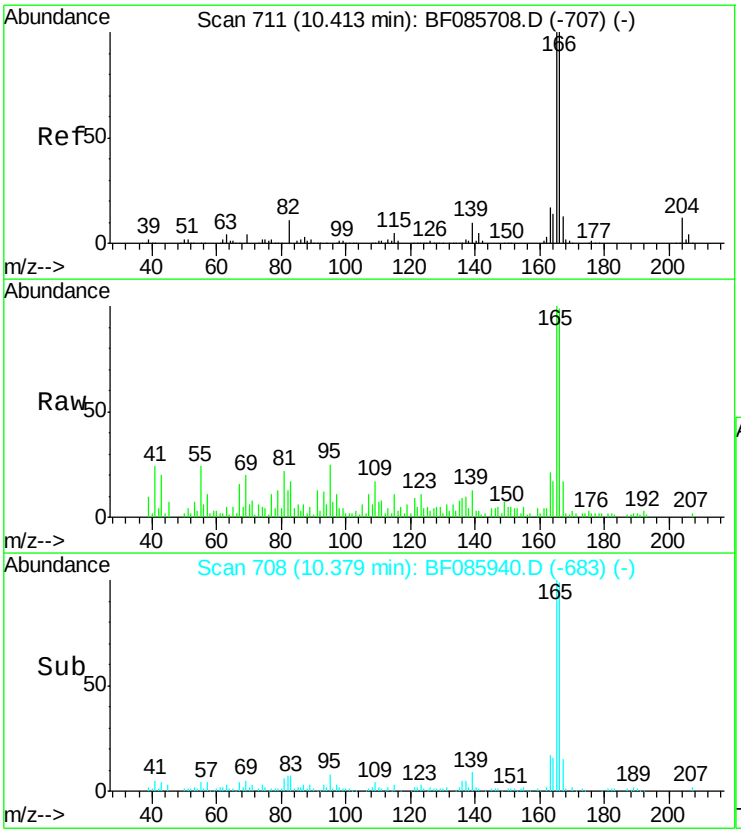
#53
2,4-Dinitrophenol
Concen: 6.20 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.06 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:184 Resp: 282

Ion	Ratio	Lower	Upper
184	100		
63	210.9	69.5	104.3#
154	354.3	58.3	87.5#

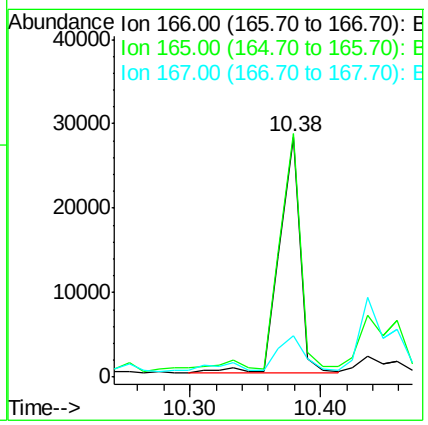


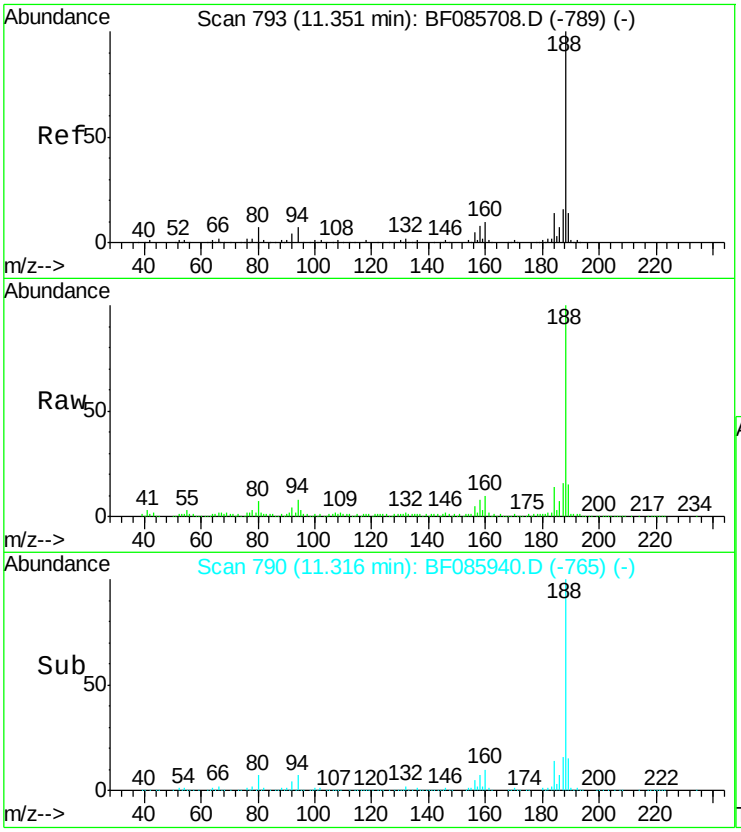


#57
Fluorene
Concen: 2.45 ng
RT: 10.38 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Tgt Ion:166 Resp: 31380

Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.4	119.0
167	17.3	11.0	16.4#



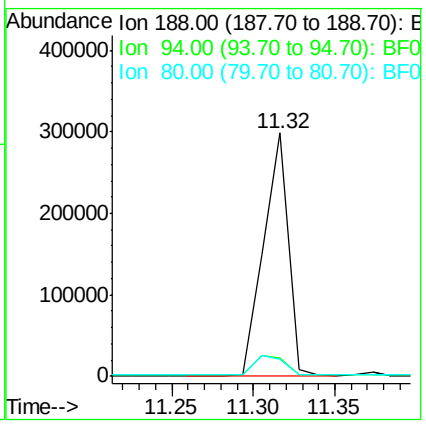


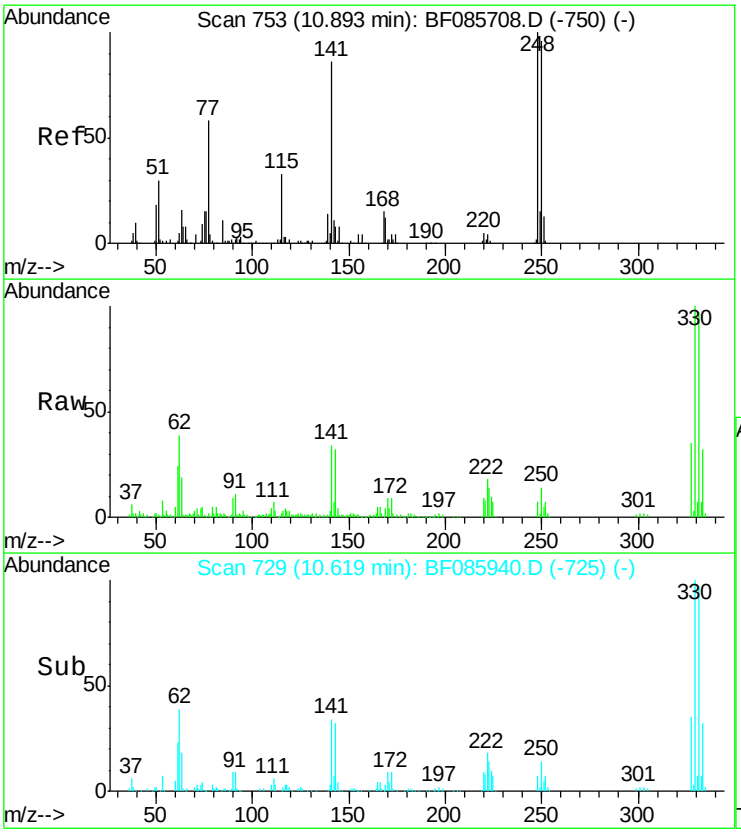
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:188 Resp: 314175

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.4	8.0
80	7.1	5.5	8.3

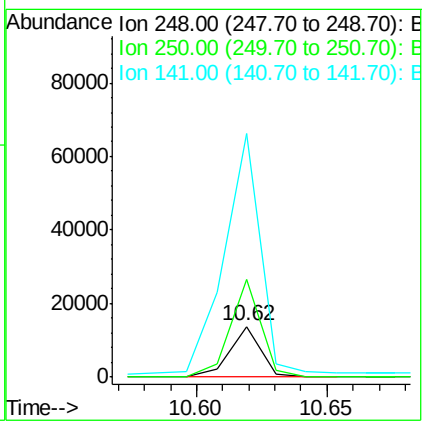


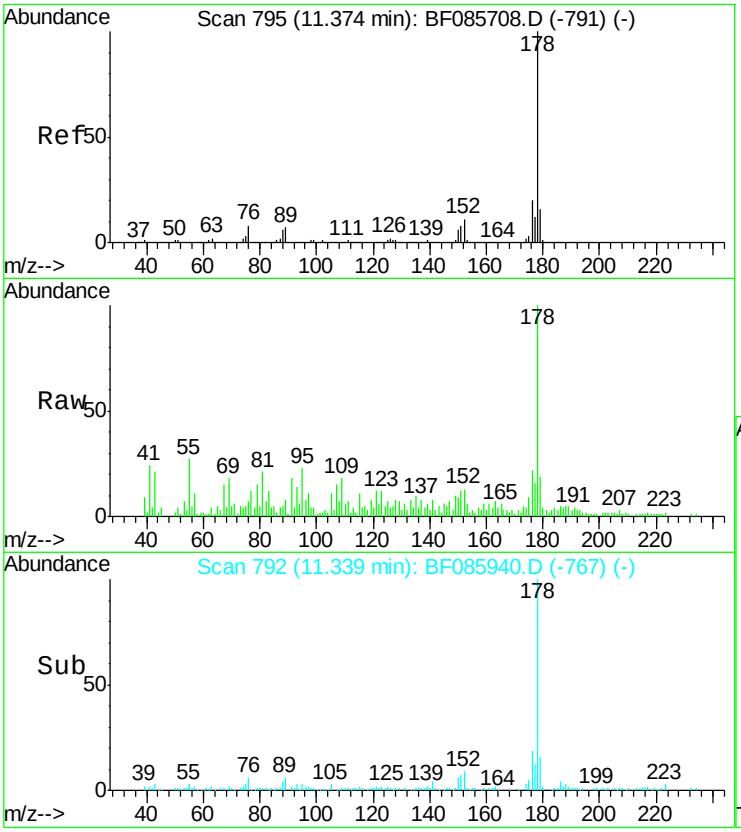


#66
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Tgt Ion:248 Resp: 11584

Ion	Ratio	Lower	Upper
248	100		
250	192.5	77.4	116.0#
141	479.7	63.6	95.4#



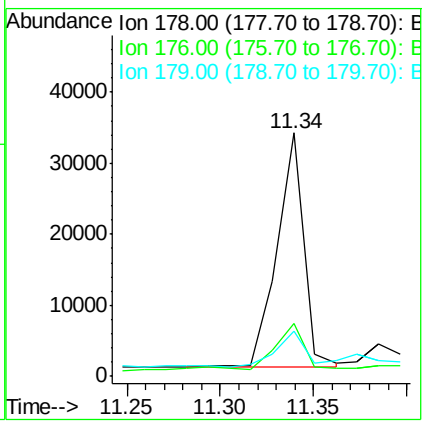


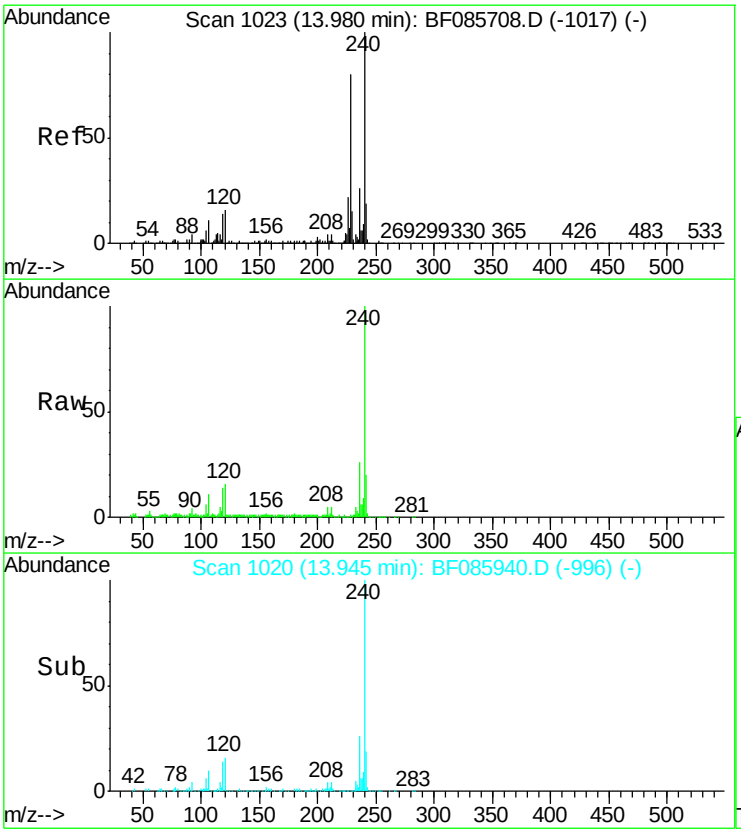
#70
Phenanthrene
Concen: 2.06 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:178 Resp: 33213

Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.3	24.5
179	18.8	12.6	18.8

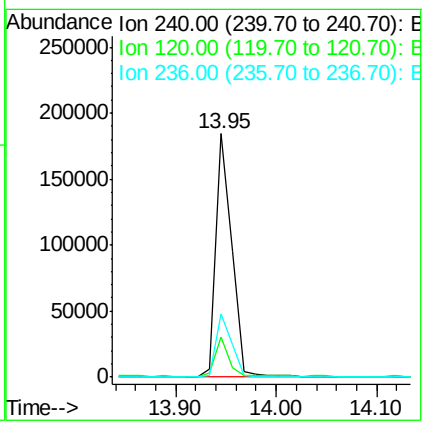


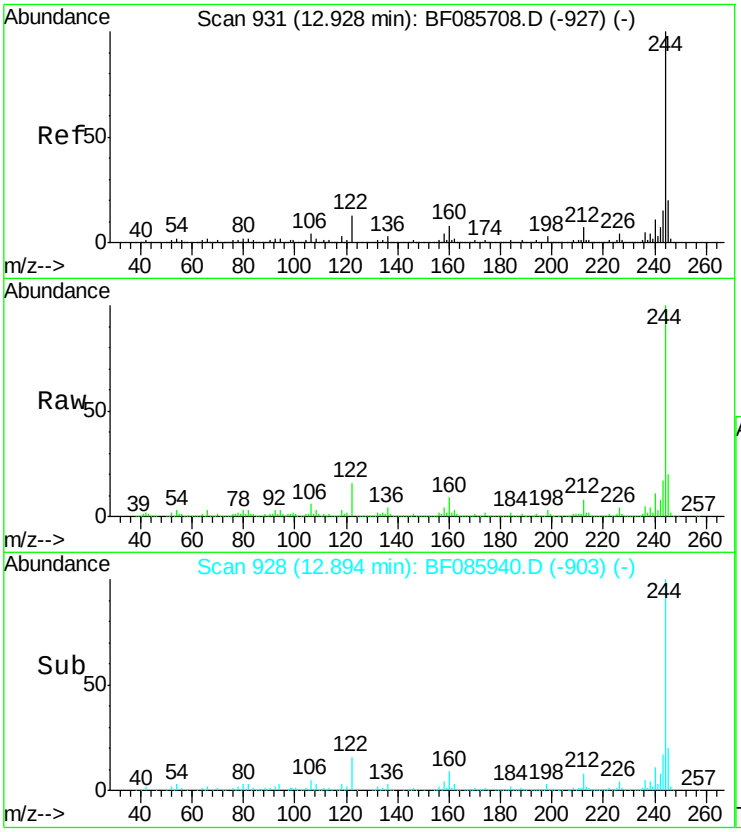


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Tgt Ion:240 Resp: 200869

Ion	Ratio	Lower	Upper
240	100		
120	16.3	13.8	20.8
236	26.1	20.6	30.8



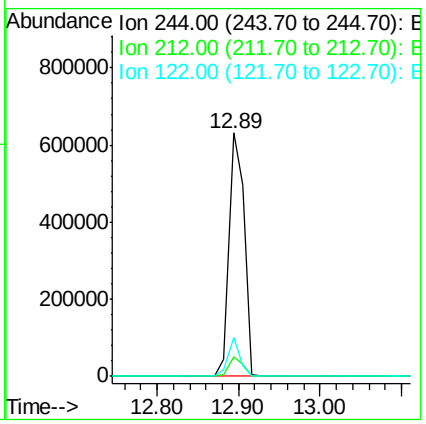


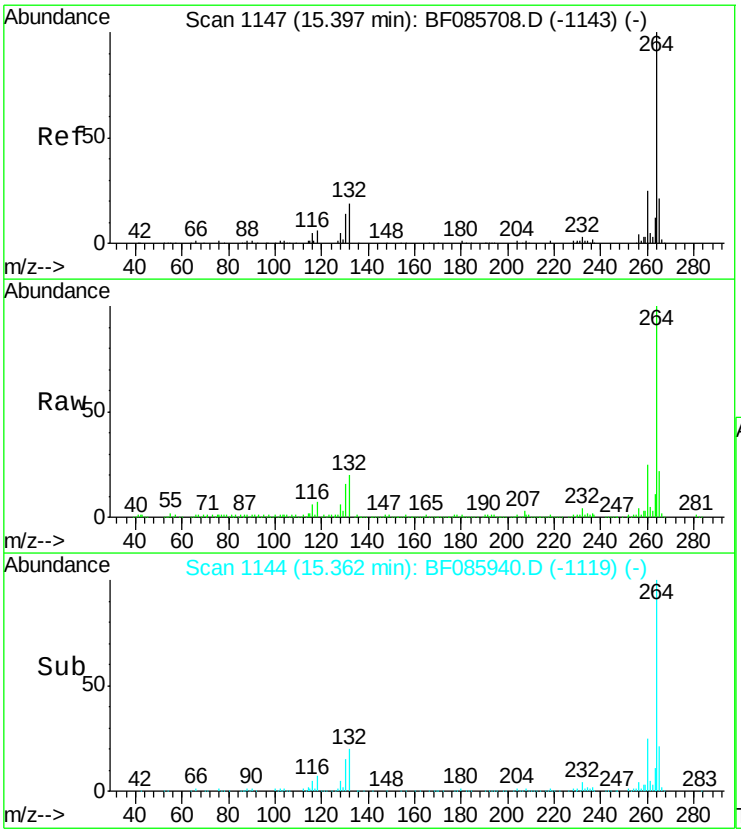
#78
Terphenyl-d14
Concen: 82.97 ng
RT: 12.89 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:244 Resp: 810373

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	16.0	10.2	15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Tgt Ion:264 Resp: 201178

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.7	17.2	25.8