Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084462.D
Acq On : 14 Jan 2016 00:51
Operator : SJ/UM
Sample : H1083-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-18-010516

Quant Time: Jan 14 11:15:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	267051	20.00	ng		-0.07
21) Naphthalene-d8	8.12	136	1116542	20.00	ng		-0.07
38) Acenaphthene-d10	9.87	164	530671	20.00	ng		-0.08
63) Phenanthrene-d10	11.36	188	1022800	20.00	ng		-0.07
75) Chrysene-d12	13.99	240	846607	20.00	ng		-0.08
86) Perylene-d12	15.40	264	609255	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	2008277	121.64	ng		-0.03
7) Phenol-d6	6.48	99	2003612	96.63	ng		-0.06
23) Nitrobenzene-d5	7.40	82	1817650	90.60	ng		-0.07
41) 2,4,6-Tribromophenol	10.66	330	663423	123.83	ng		-0.08
44) 2-Fluorobiphenyl	9.20	172	2558320	84.79	ng		-0.07
78) Terphenyl-d14	12.95	244	2646160	69.77	ng		-0.07
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	252826	18.01	ng	#	75
31) Naphthalene	8.14	128	1216274	24.01	ng		99
32) Benzoic acid	7.85	122	1912	6.39	ng	#	82
33) 4-Chloroaniline	8.14	127	160487	6.91	ng	#	32
37) 2-Methylnaphthalene	8.83	142	159787	4.39	ng		97
50) 2,6-Dinitrotoluene	9.87	165	68933	8.28	ng	#	37
51) Acenaphthene	9.90	154	132450	4.03	ng		98
54) Dibenzofuran	10.08	168	117269	Below Cal			98
55) 4-Nitrophenol	10.08	139	43772	5.85	ng	#	11
56) 2,4-Dinitrotoluene	9.87	165	68936	6.55	ng	#	21
57) Fluorene	10.42	166	76062	Below Cal			100
64) 4,6-Dinitro-2-methylphenol	10.66	198	1450	6.59	ng	#	1
66) 4-Bromophenyl-phenylether	10.66	248	41427	3.76	ng	#	1
70) Phenanthrene	11.38	178	109491	2.05	ng		97
71) Anthracene	11.38	178	109491	2.09	ng		96
73) Di-n-butylphthalate	11.92	149	3197	Below Cal		#	79

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
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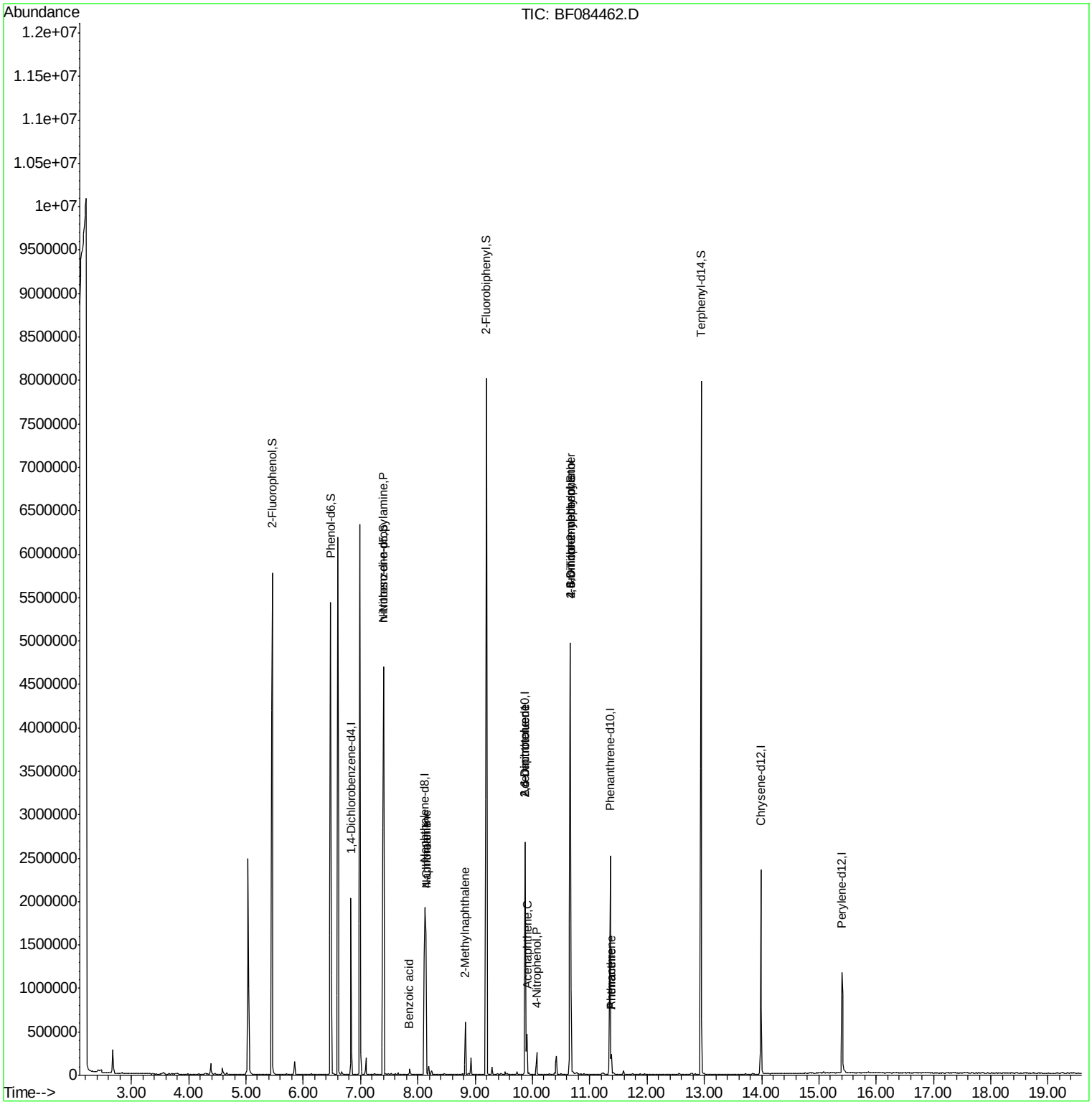
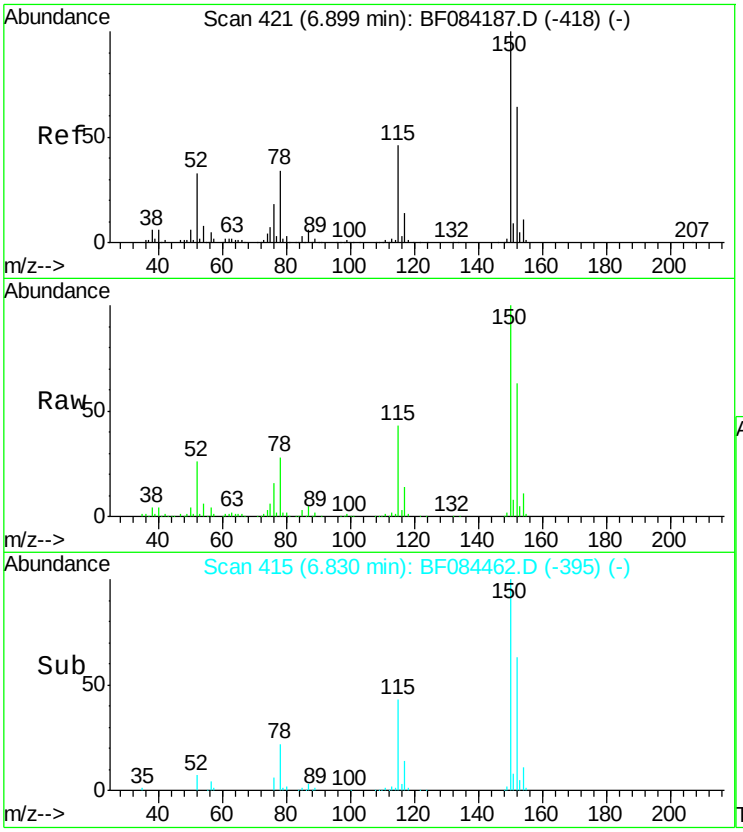
HSR-WC-18-010516

Quant Time: Jan 14 11:15:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



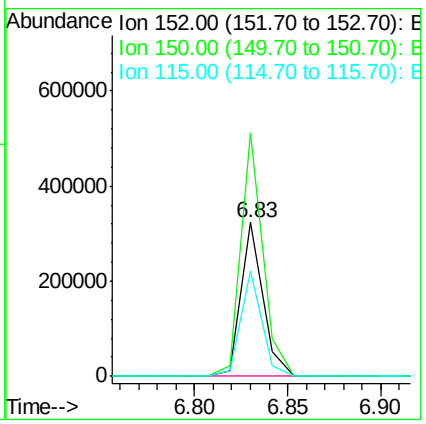


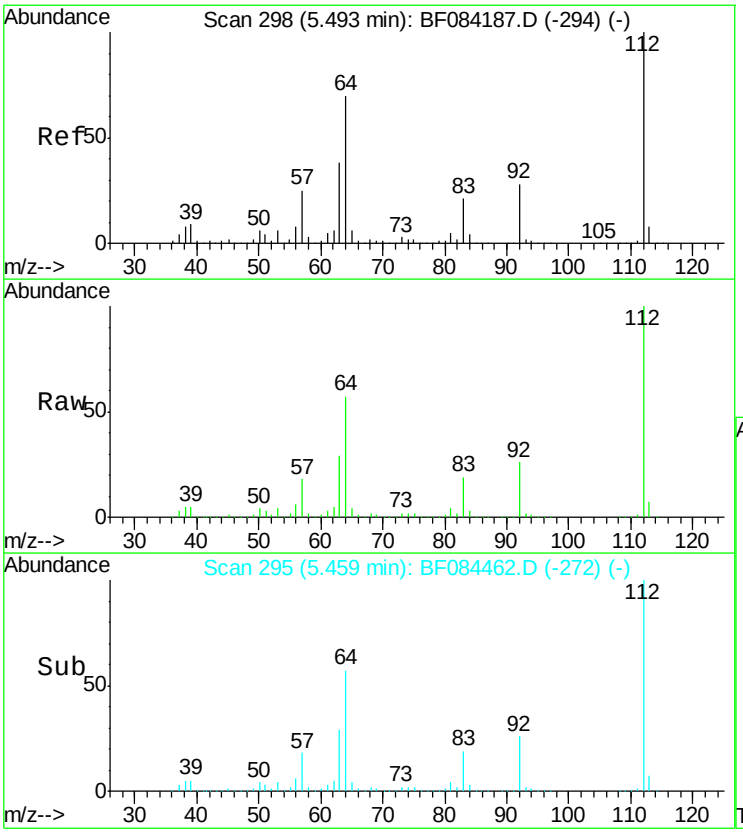
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.07 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Instrument :
BNA_F
ClientSampleId :
HSR-WC-18-010516

Tgt Ion:152 Resp: 267051

Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.0	184.4
115	68.5	51.4	77.2

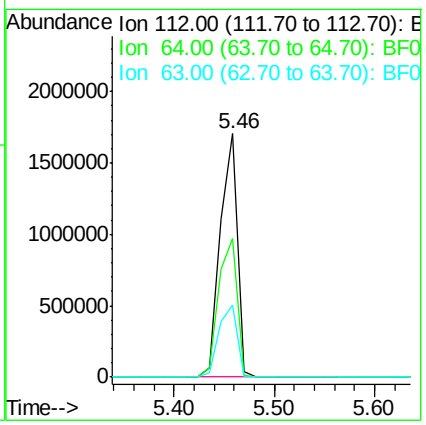


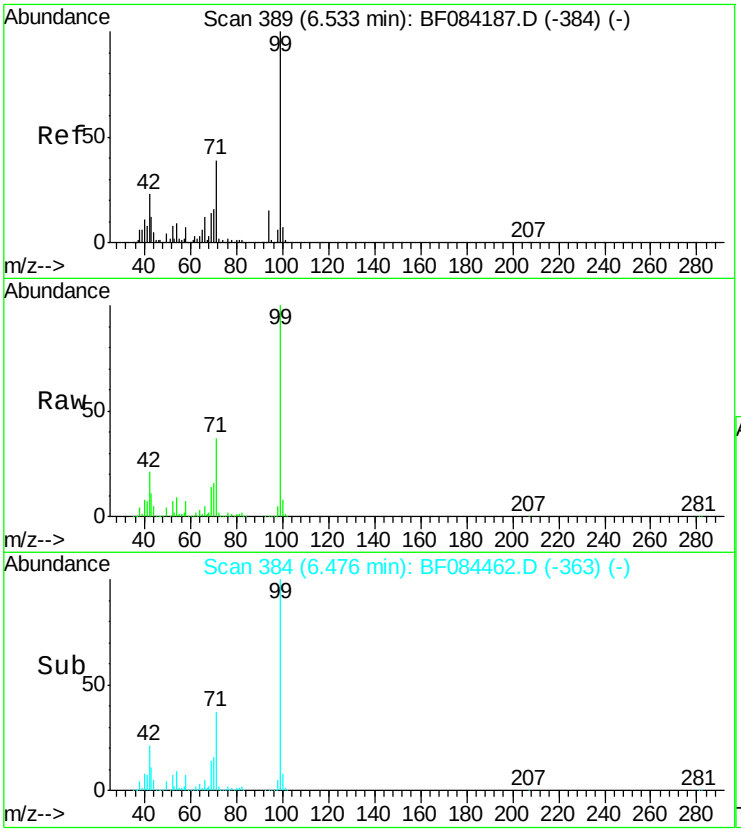


#5
2-Fluorophenol
Concen: 121.64 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.03 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Tgt Ion:112 Resp: 2008277

Ion	Ratio	Lower	Upper
112	100		
64	57.1	36.6	55.0#
63	29.4	19.4	29.0#



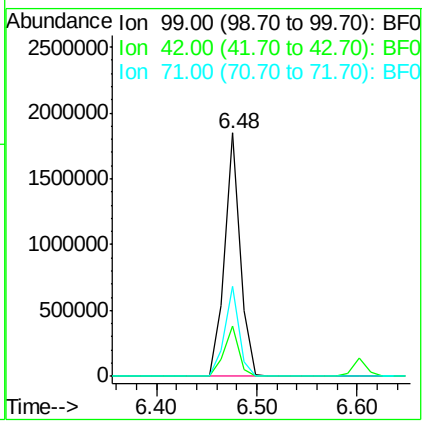


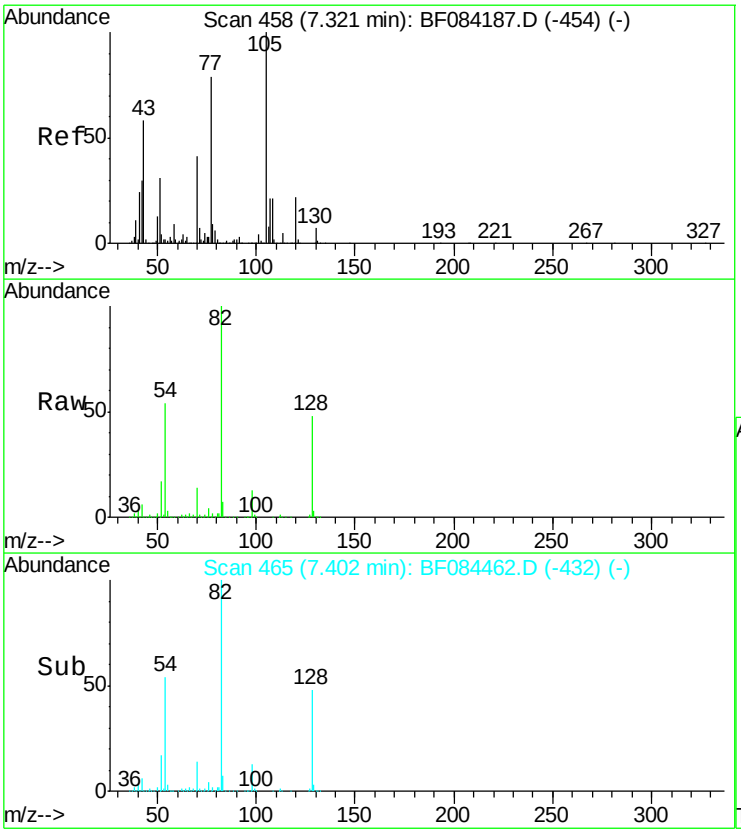
#7
Phenol-d6
Concen: 96.63 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.06 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Instrument :
BNA_F
ClientSampleId :
HSR-WC-18-010516

Tgt Ion: 99 Resp: 2003612

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	36.8	30.9	46.3

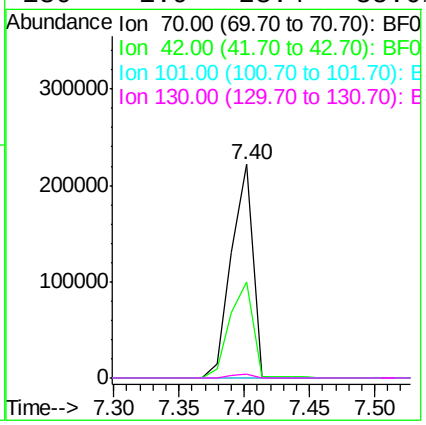


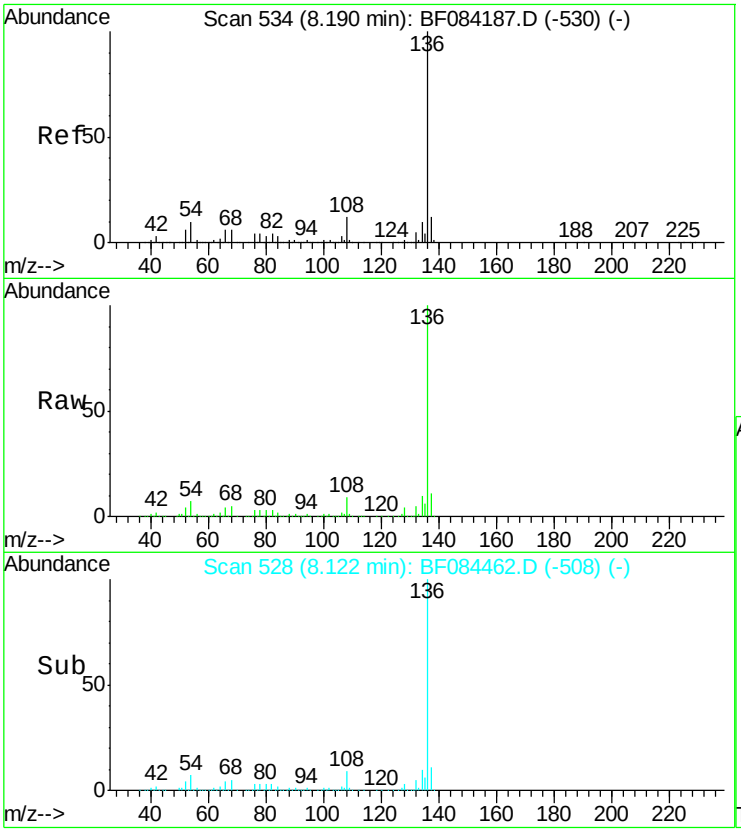


#19
n-Nitroso-di-n-propylamine
Concen: 18.01 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.08 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Tgt Ion: 70 Resp: 252826

Ion	Ratio	Lower	Upper
70	100		
42	45.2	33.3	49.9
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#



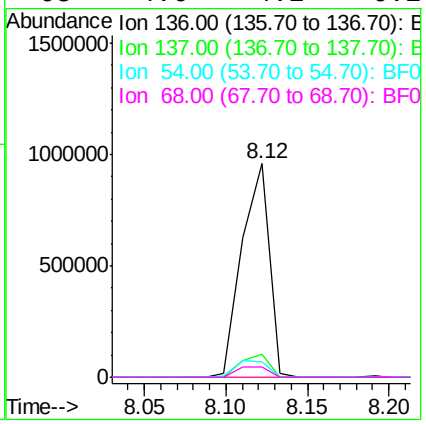


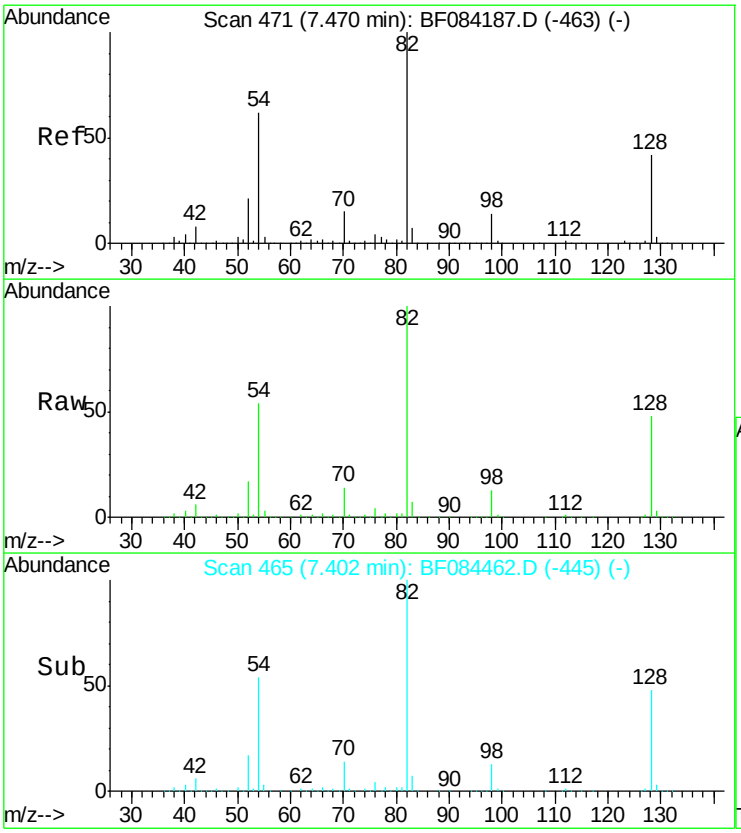
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Instrument :
BNA_F
ClientSampleId :
HSR-WC-18-010516

Tgt Ion:136 Resp: 1116542

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.2	5.8	8.8
68	4.6	4.2	6.2

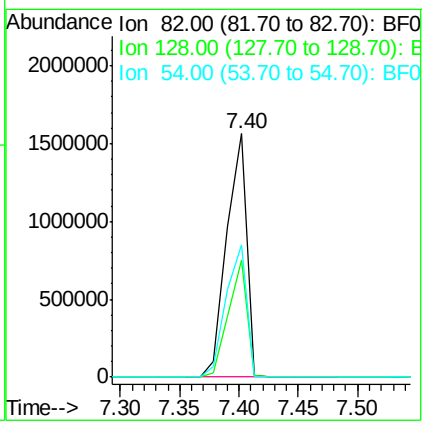


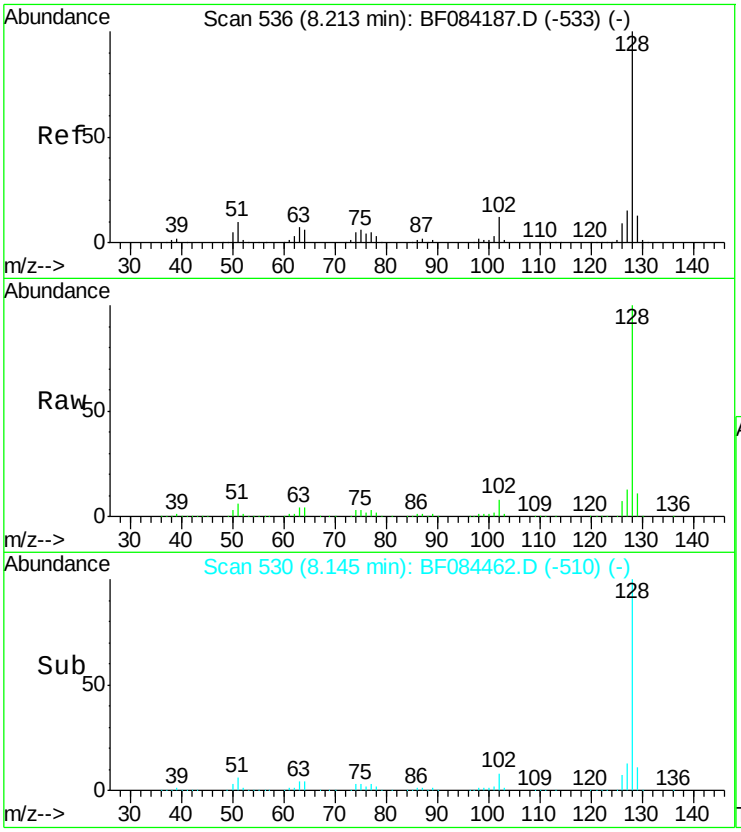


#23
Nitrobenzene-d5
Concen: 90.60 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Tgt Ion: 82 Resp: 1817650

Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.6	51.8
54	54.5	38.4	57.6



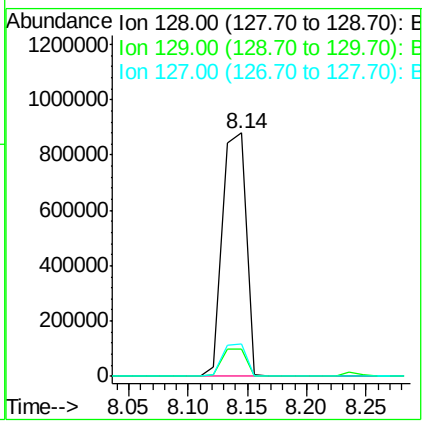


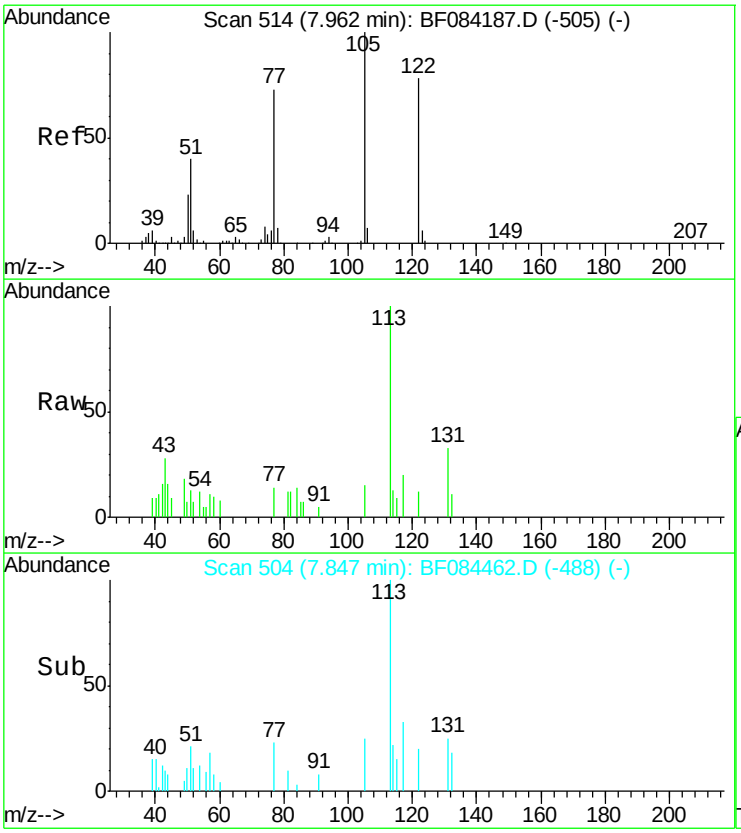
#31
Naphthalene
Concen: 24.01 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.07 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Instrument :
BNA_F
ClientSampleId :
HSR-WC-18-010516

Tgt Ion:128 Resp: 1216274

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.1	11.1	16.7

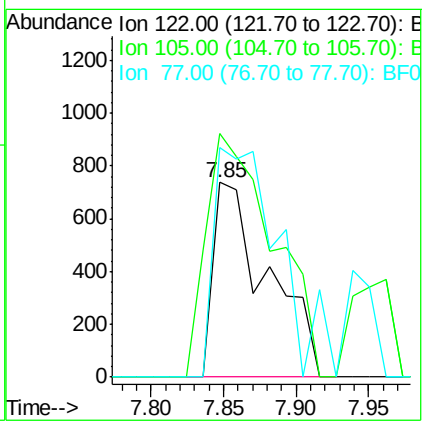


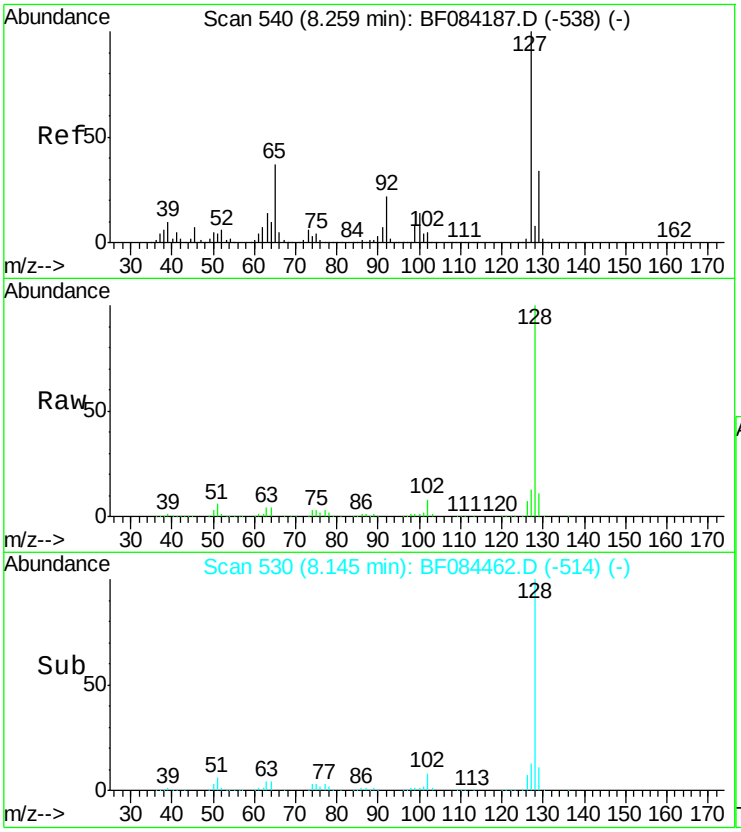


#32
Benzoic acid
Concen: 6.39 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.11 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Tgt Ion:122 Resp: 1912

Ion	Ratio	Lower	Upper
122	100		
105	125.1	100.3	140.3
77	117.9	63.5	103.5#



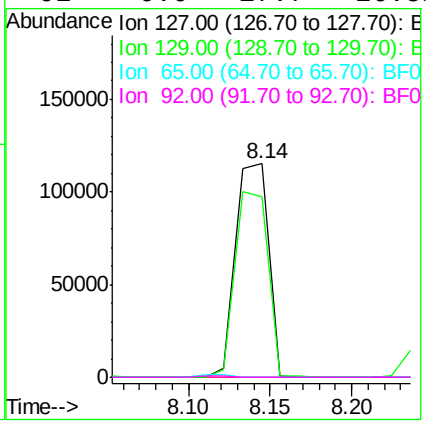


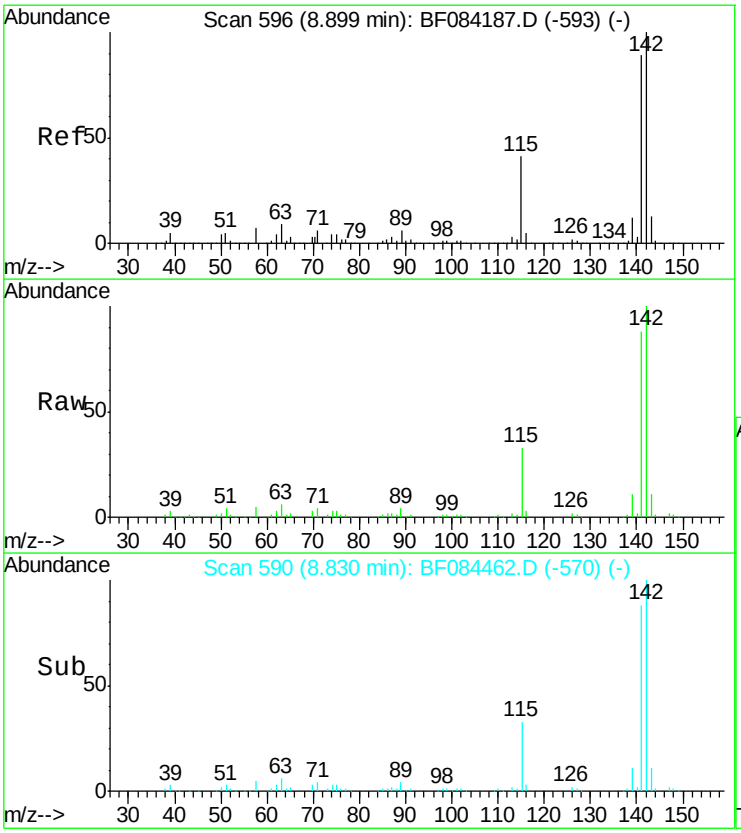
#33
4-Chloroaniline
Concen: 6.91 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.11 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Instrument :
BNA_F
ClientSampleId :
HSR-WC-18-010516

Tgt Ion:127 Resp: 160487

Ion	Ratio	Lower	Upper
127	100		
129	84.7	26.5	39.7#
65	0.0	27.2	40.8#
92	0.0	17.7	26.5#

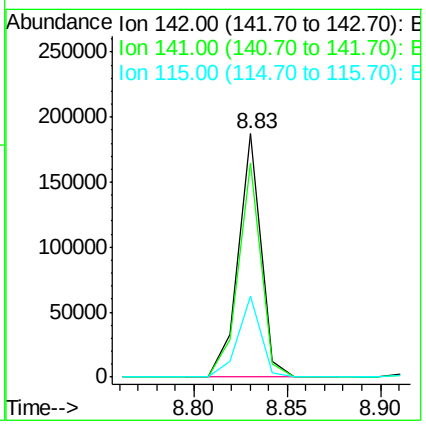


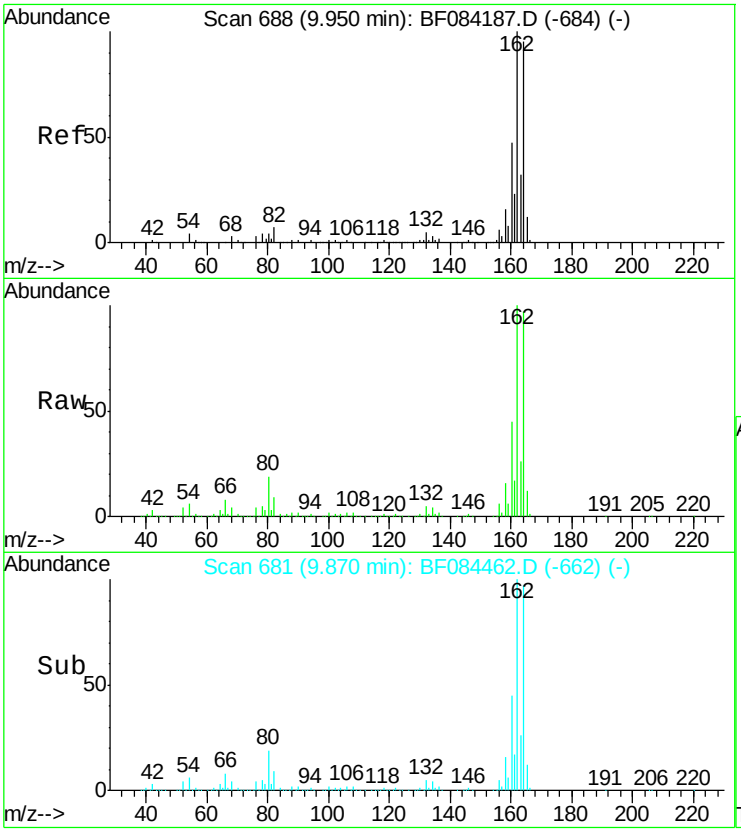


#37
2-Methylnaphthalene
Concen: 4.39 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.07 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Tgt Ion:142 Resp: 159787

Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.4	108.6
115	33.3	27.9	41.9



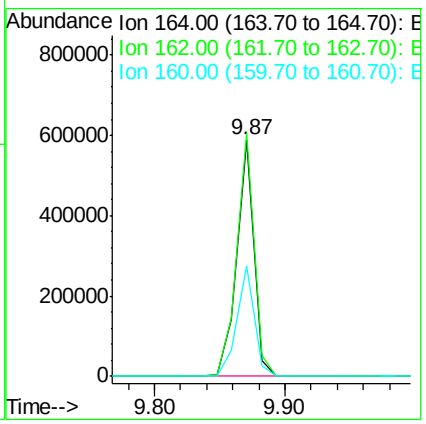


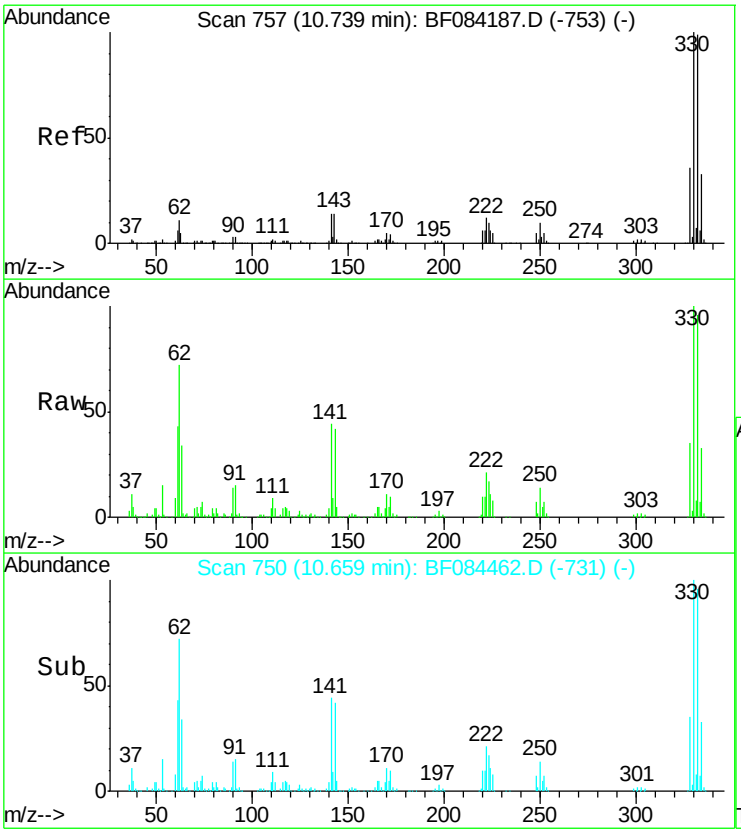
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.08 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Instrument :
BNA_F
ClientSampleId :
HSR-WC-18-010516

Tgt Ion:164 Resp: 530671

Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	46.8	37.5	56.3

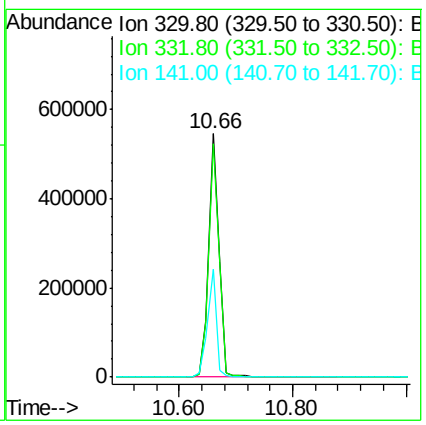


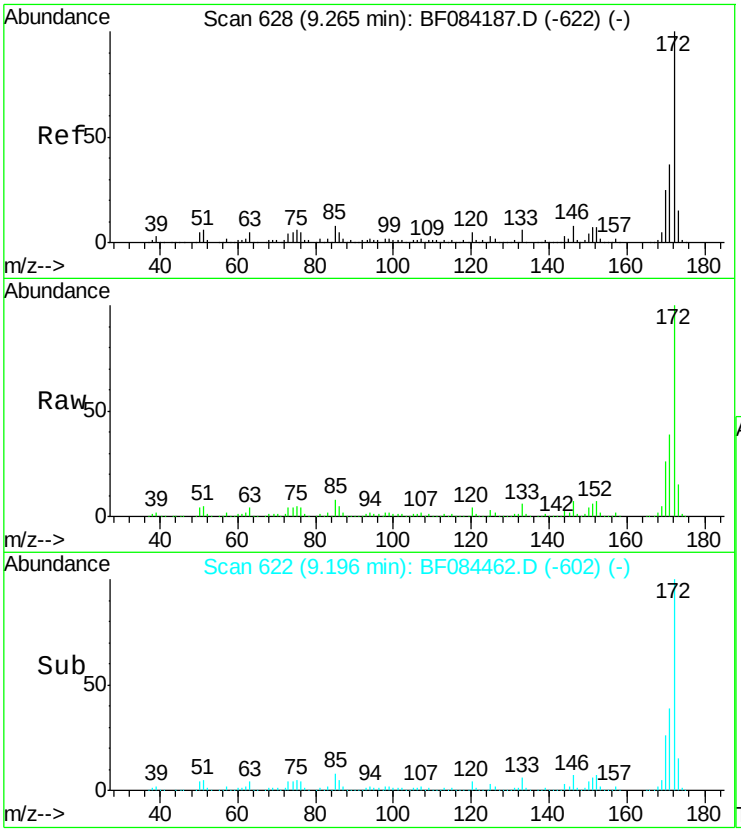


#41
2,4,6-Tribromophenol
Concen: 123.83 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.08 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Tgt Ion:330 Resp: 663423

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	37.6	27.8	41.6



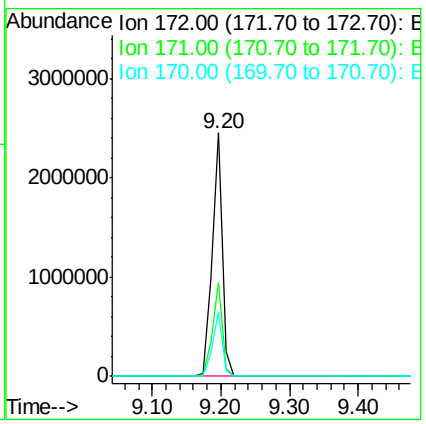


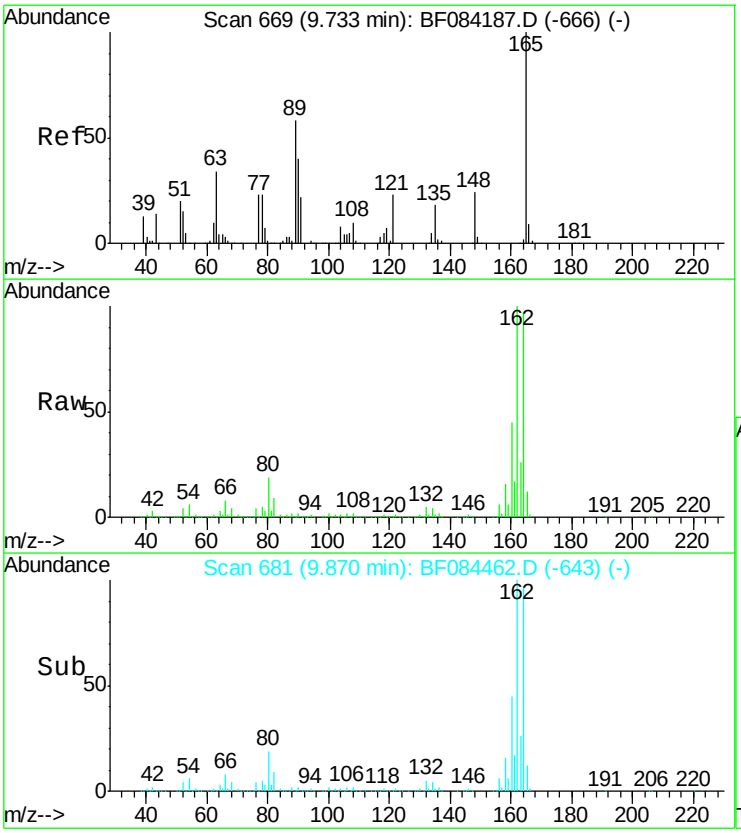
#44
2-Fluorobiphenyl
Concen: 84.79 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.07 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Instrument :
BNA_F
ClientSampleId :
HSR-WC-18-010516

Tgt Ion:172 Resp: 2558320

Ion	Ratio	Lower	Upper
172	100		
171	38.7	28.9	43.3
170	26.4	18.6	27.8

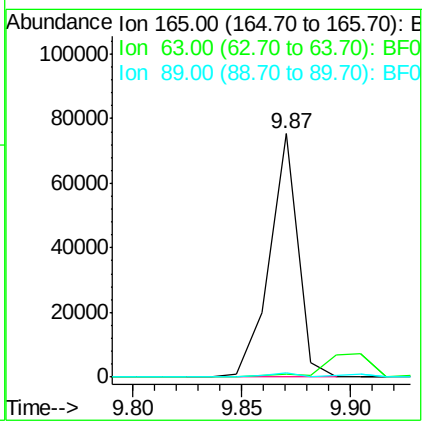


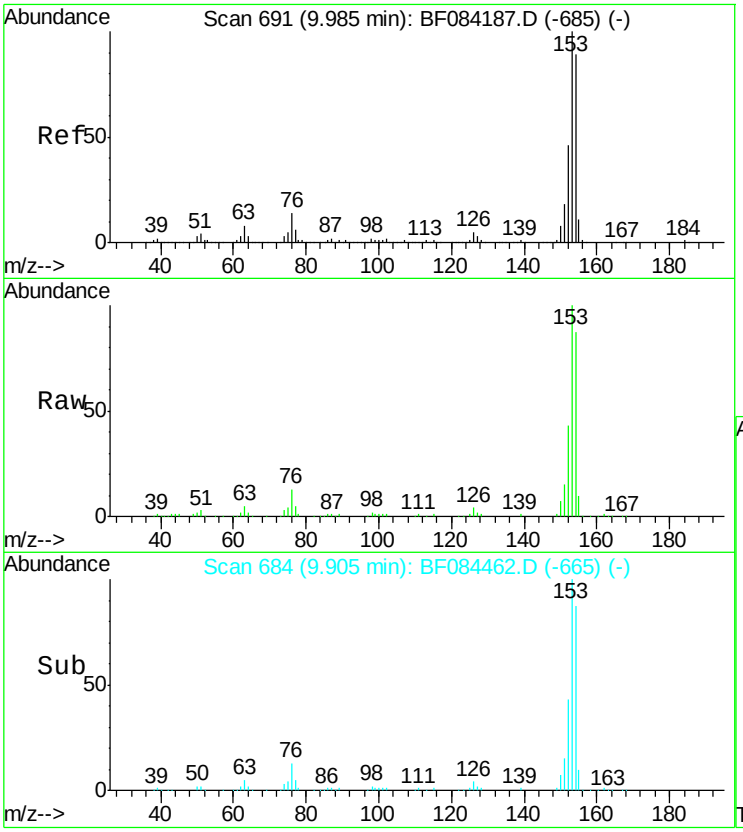


#50
2,6-Dinitrotoluene
Concen: 8.28 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.14 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Tgt Ion:165 Resp: 68933

Ion	Ratio	Lower	Upper
165	100		
63	1.0	28.8	43.2#
89	1.7	35.1	52.7#



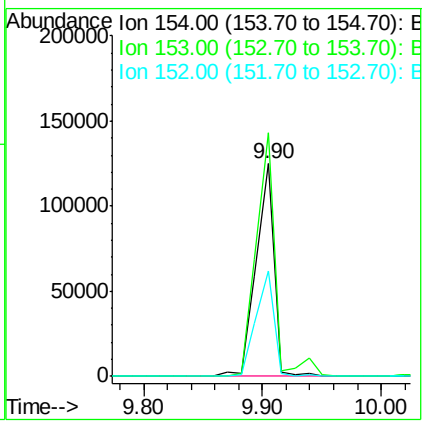


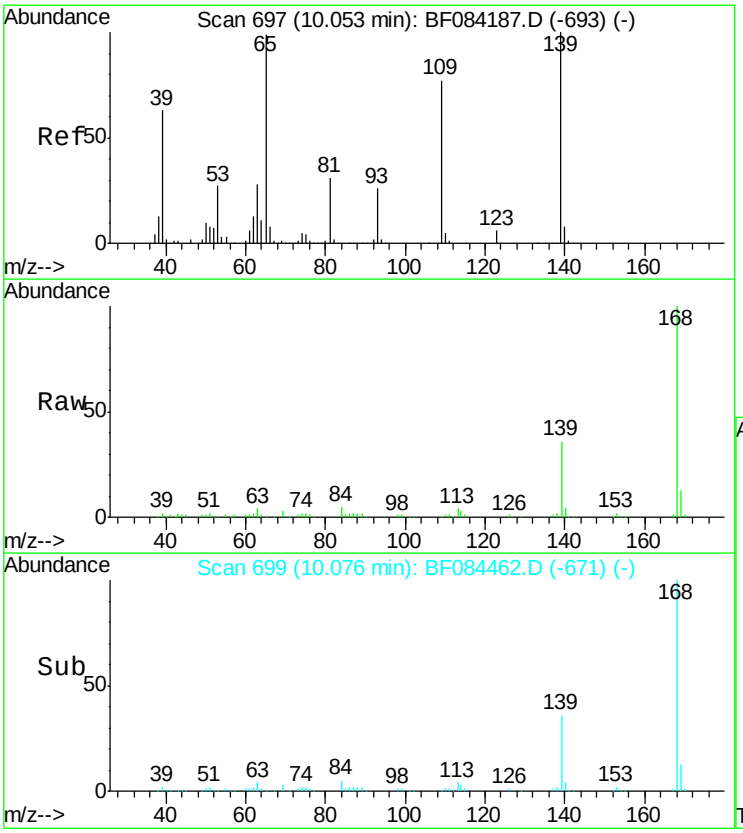
#51
Acenaphthene
Concen: 4.03 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.08 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Instrument :
BNA_F
ClientSampleId :
HSR-WC-18-010516

Tgt Ion:154 Resp: 132450

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.5	137.3
152	49.6	43.0	64.6

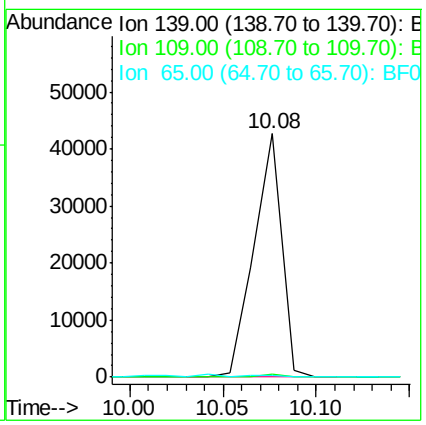


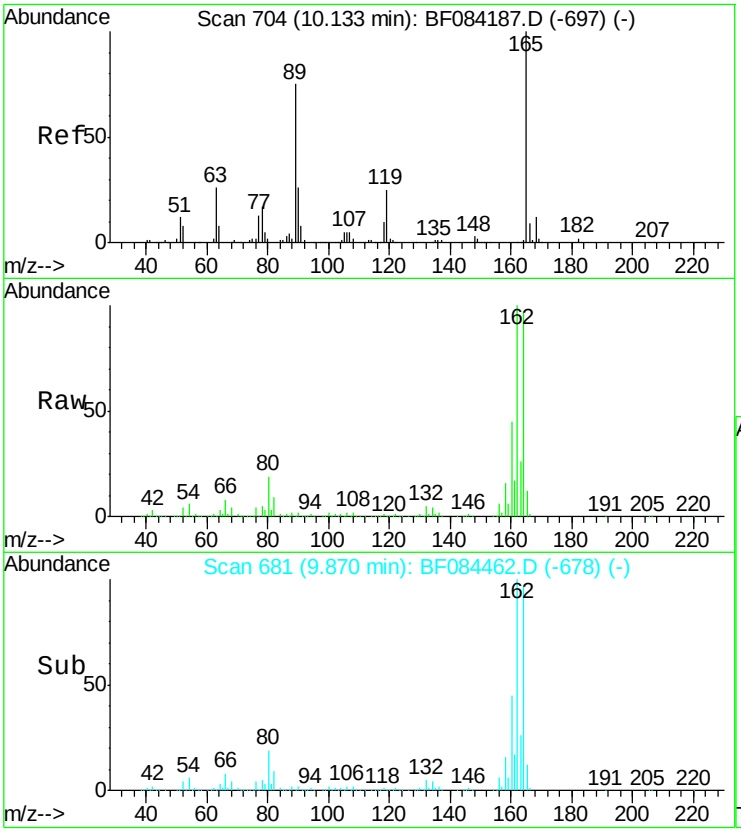


#55
4-Nitrophenol
Concen: 5.85 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.02 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Tgt Ion:139 Resp: 43772

Ion	Ratio	Lower	Upper
139	100		
109	1.1	58.5	98.5#
65	0.9	57.6	97.6#



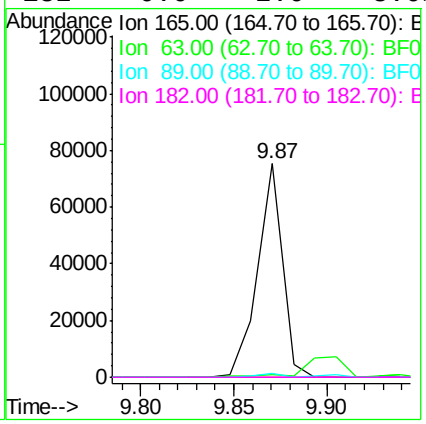


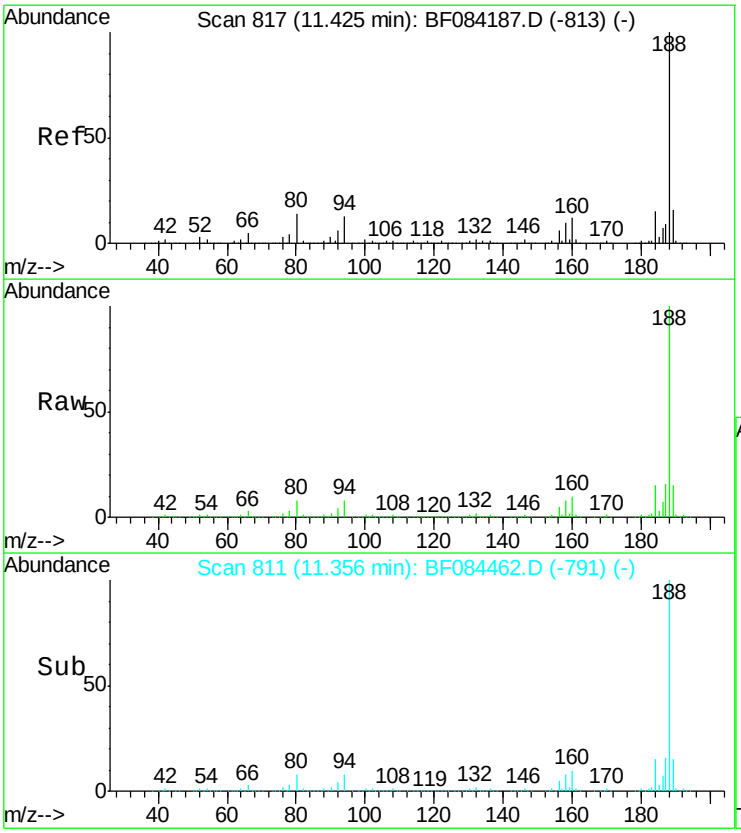
#56
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.26 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Instrument :
BNA_F
ClientSampleId :
HSR-WC-18-010516

Tgt Ion:165 Resp: 68936

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.7	55.1#
89	1.7	61.9	92.9#
182	0.0	2.0	3.0#

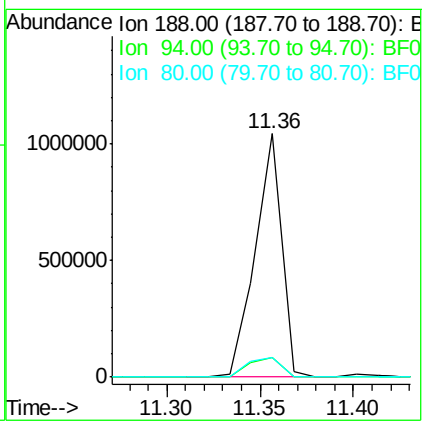


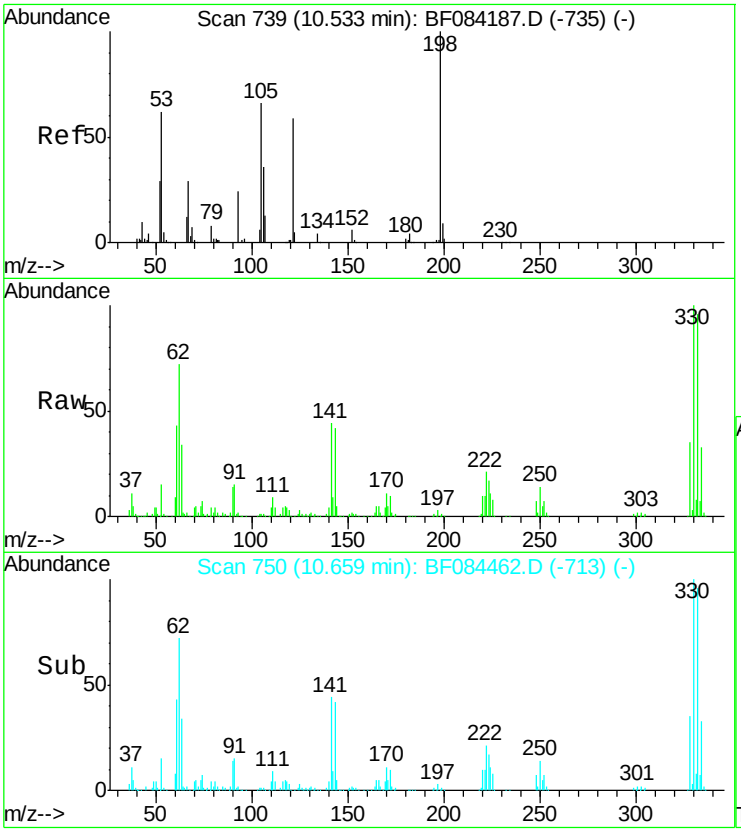


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.07 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Tgt Ion:188 Resp: 1022800

Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	7.9	9.6	14.4#



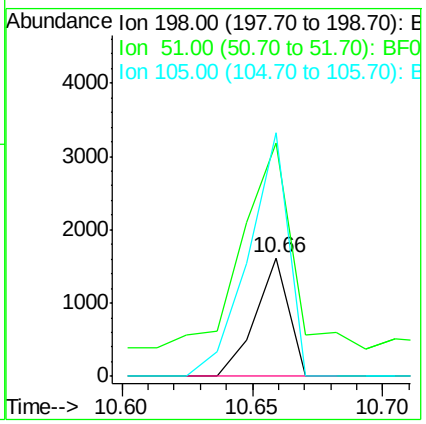


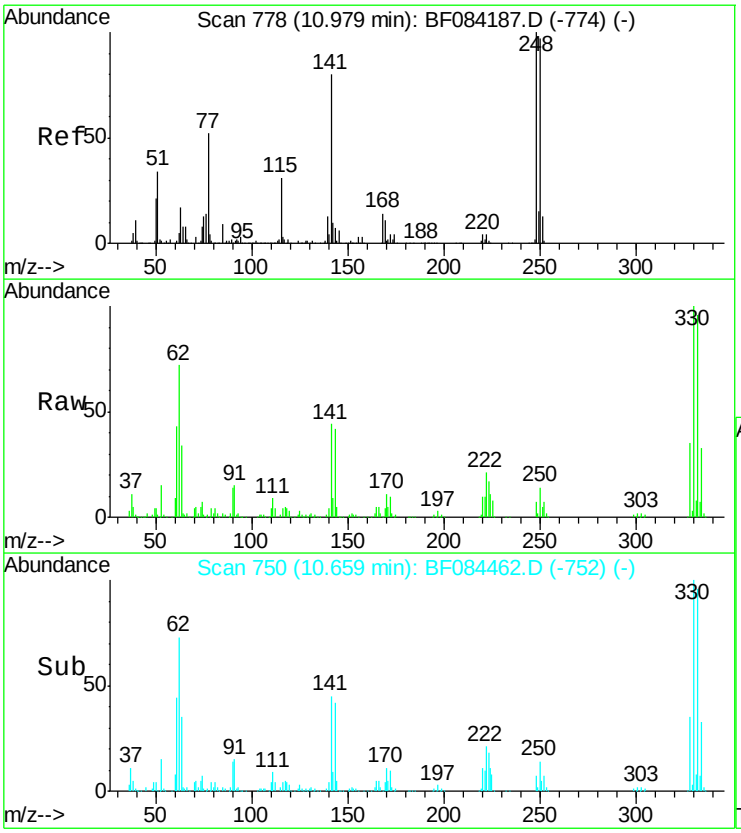
#64
4,6-Dinitro-2-methylphenol
Concen: 6.59 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.13 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Instrument :
BNA_F
ClientSampleId :
HSR-WC-18-010516

Tgt Ion:198 Resp: 1450

Ion	Ratio	Lower	Upper
198	100		
51	197.0	18.9	58.9#
105	205.1	26.4	66.4#

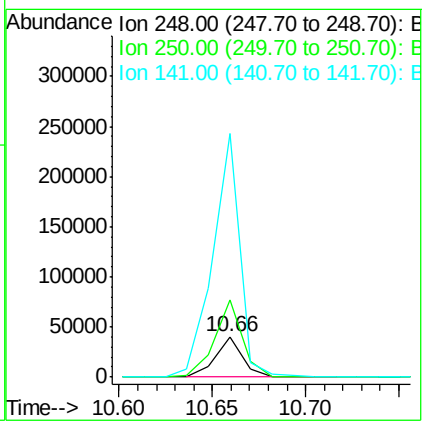


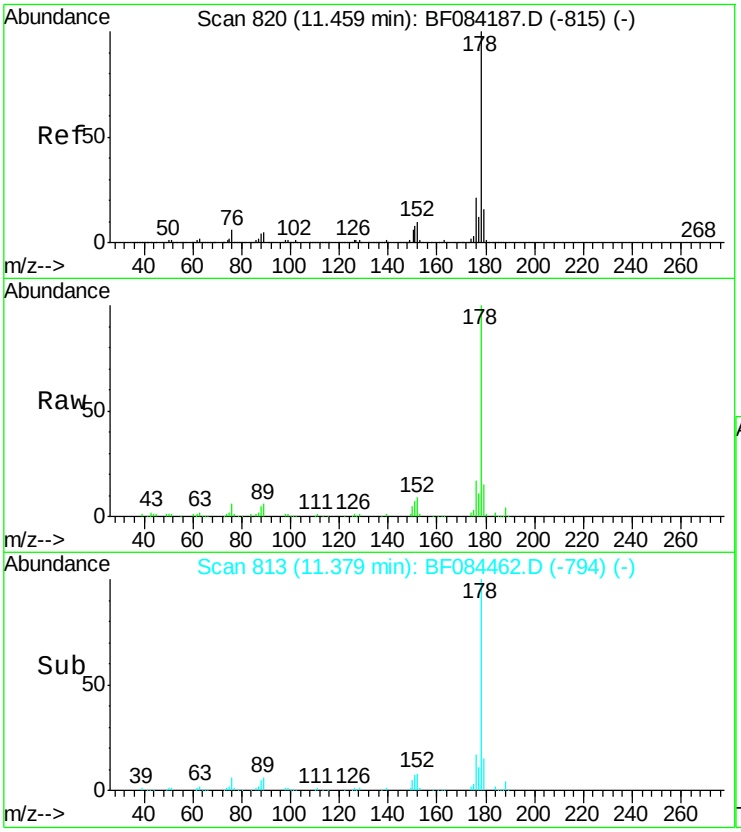


#66
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.32 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Tgt Ion:248 Resp: 41427

Ion	Ratio	Lower	Upper
248	100		
250	191.3	78.4	117.6#
141	605.0	44.0	66.0#

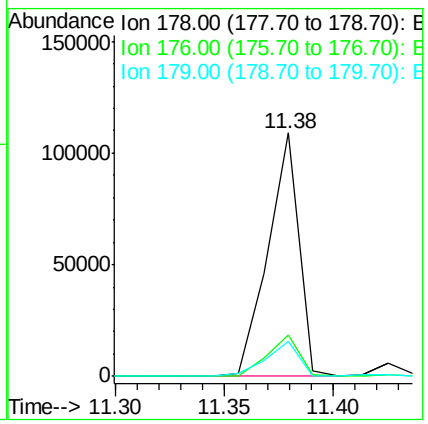




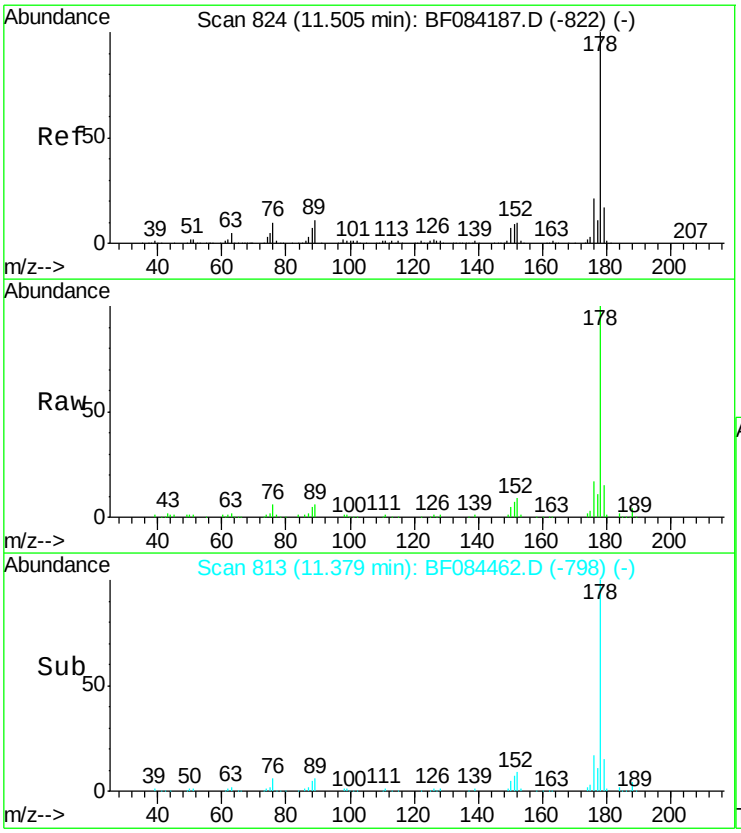
#70
Phenanthrene
Concen: 2.05 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.08 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Tgt Ion:178 Resp: 109491

Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.3	22.9
179	14.6	12.0	18.0



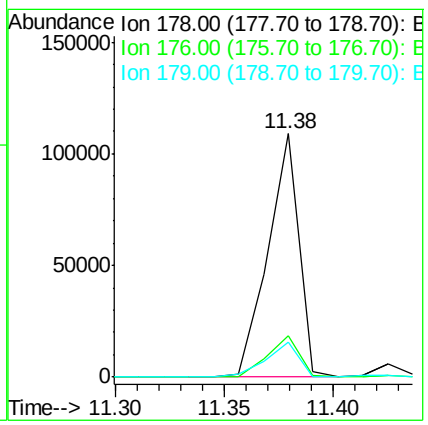
Instrument :
BNA_F
ClientSampleId :
HSR-WC-18-010516

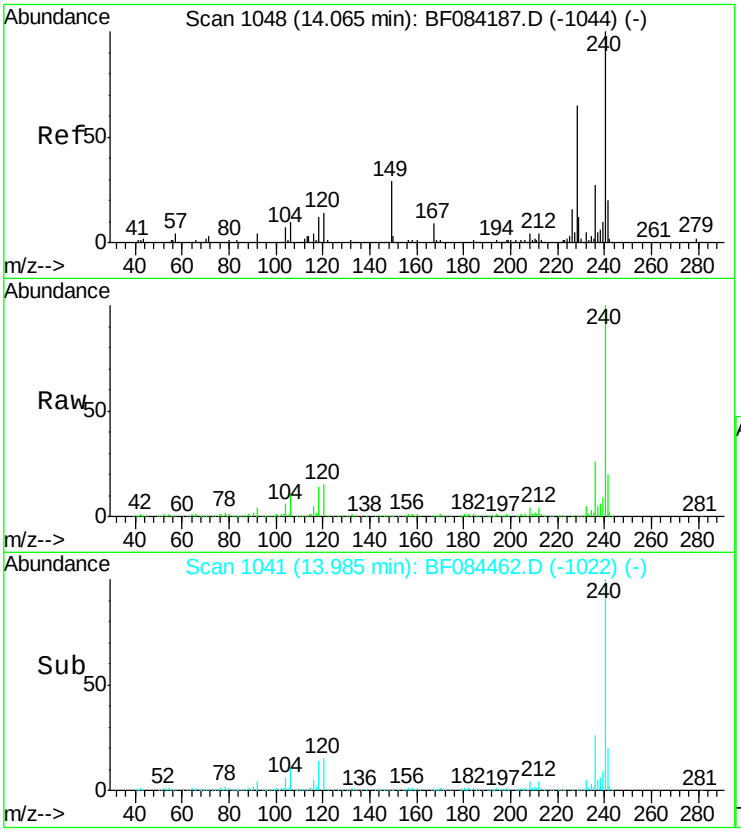


#71
Anthracene
Concen: 2.09 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.12 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Tgt Ion:178 Resp: 109491

Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.4	23.0
179	14.6	12.5	18.7



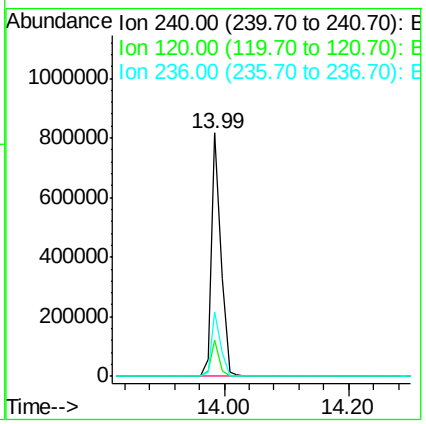


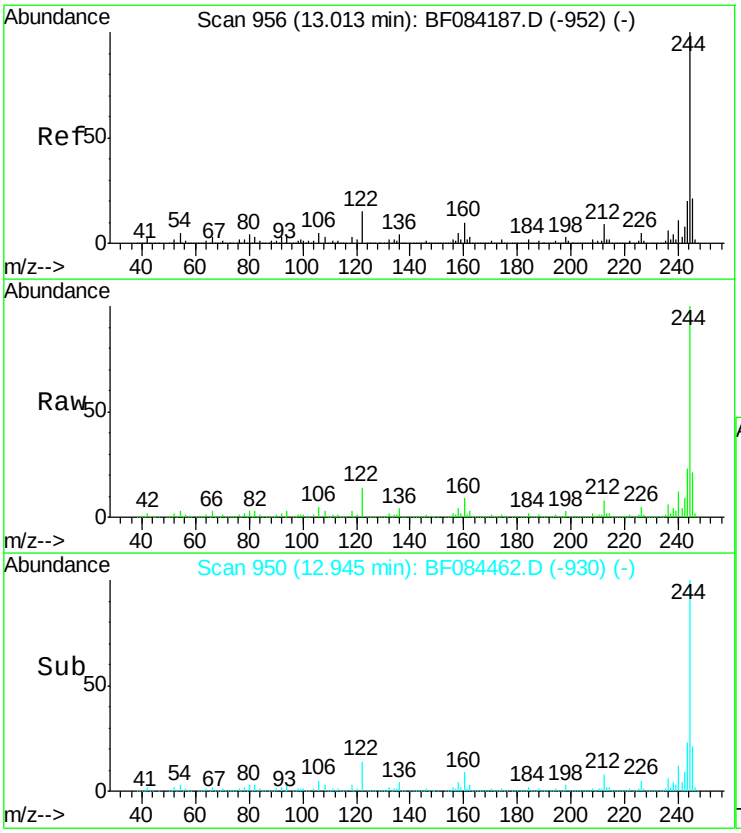
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.08 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Instrument :
BNA_F
ClientSampleId :
HSR-WC-18-010516

Tgt Ion:240 Resp: 846607

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	26.3	20.6	31.0

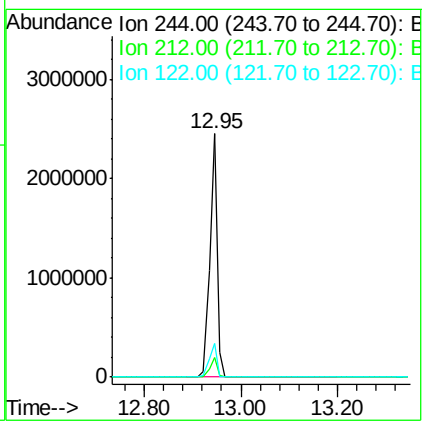


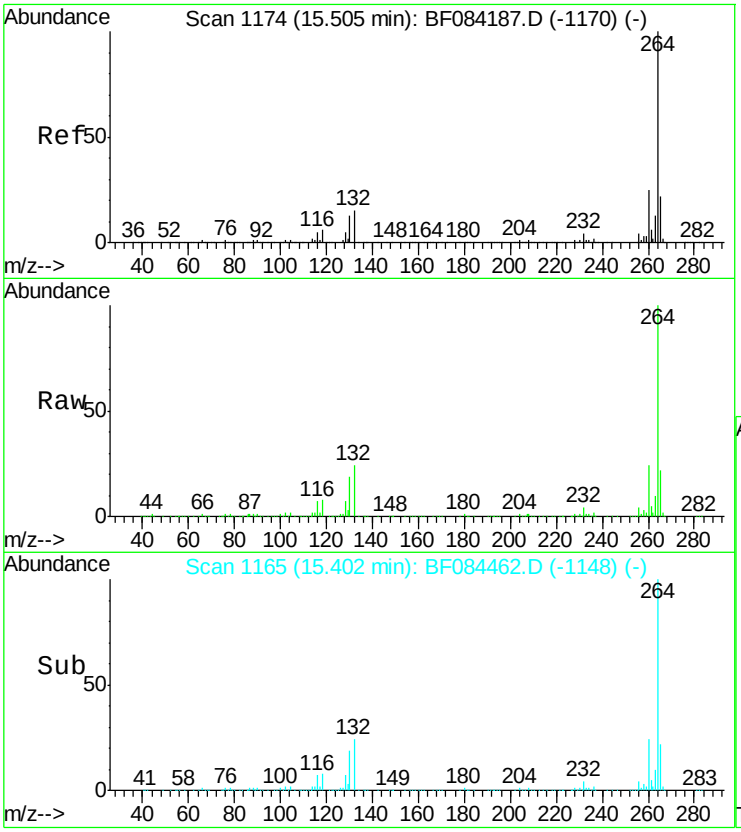


#78
Terphenyl-d14
Concen: 69.77 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.07 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Tgt Ion:244 Resp: 2646160

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	14.0	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.10 min
Lab File: BF084462.D
Acq: 14 Jan 2016 00:51

Instrument :
BNA_F
ClientSampleId :
HSR-WC-18-010516

Tgt Ion:264 Resp: 609255

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.7	17.8	26.6