Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087389.D
Acq On : 26 May 2016 1:21
Operator : UM/SJ
Sample : H3212-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DAY-1

Quant Time: May 26 04:21:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	113684	20.00	ng		0.00
21) Naphthalene-d8	9.55	136	429875	20.00	ng		0.00
38) Acenaphthene-d10	12.39	164	204687	20.00	ng		0.00
63) Phenanthrene-d10	14.80	188	273773	20.00	ng		0.02
75) Chrysene-d12	18.49	240	231870	20.00	ng		0.01
86) Perylene-d12	20.15	264	156514	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	446844	69.07	ng		0.00
7) Phenol-d6	7.07	99	388405	44.43	ng		0.00
23) Nitrobenzene-d5	8.43	82	795474	93.26	ng		-0.01
41) 2,4,6-Tribromophenol	13.70	330	242502	123.29	ng		0.02
44) 2-Fluorobiphenyl	11.34	172	1230503	84.75	ng		0.00
78) Terphenyl-d14	17.15	244	730370	66.97	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	89573	26.24	ng	#	22
14) 1,2-Dichlorobenzene	7.78	146	19282	2.31	ng		96
18) Hexachloroethane	8.36	117	17229	5.11	ng	#	7
32) Benzoic acid	9.45	122	2551	6.51	ng	#	45
35) Caprolactam	10.33	113	5052	3.01	ng	#	1
36) 4-Chloro-3-methylphenol	10.62	107	14136	2.17	ng	#	36
37) 2-Methylnaphthalene	10.71	142	31593	2.35	ng	#	86
47) 2-Nitroaniline	11.77	65	39439	8.30	ng	#	19
50) 2,6-Dinitrotoluene	12.18	165	16708	5.06	ng	#	38
51) Acenaphthene	12.43	154	41886	3.26	ng		93
52) 3-Nitroaniline	12.37	138	9396	2.77	ng	#	45
53) 2,4-Dinitrophenol	12.64	184	2751	8.04	ng	#	1
54) Dibenzofuran	12.73	168	59643	3.43	ng	#	76
55) 4-Nitrophenol	12.81	139	10345	6.40	ng	#	1
57) Fluorene	13.28	166	86609	5.75	ng	#	95
62) Azobenzene	13.54	77	39856	2.41	ng	#	51
69) Pentachlorophenol	14.56	266	326	6.49	ng	#	17
70) Phenanthrene	14.83	178	80135	5.28	ng	#	83

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

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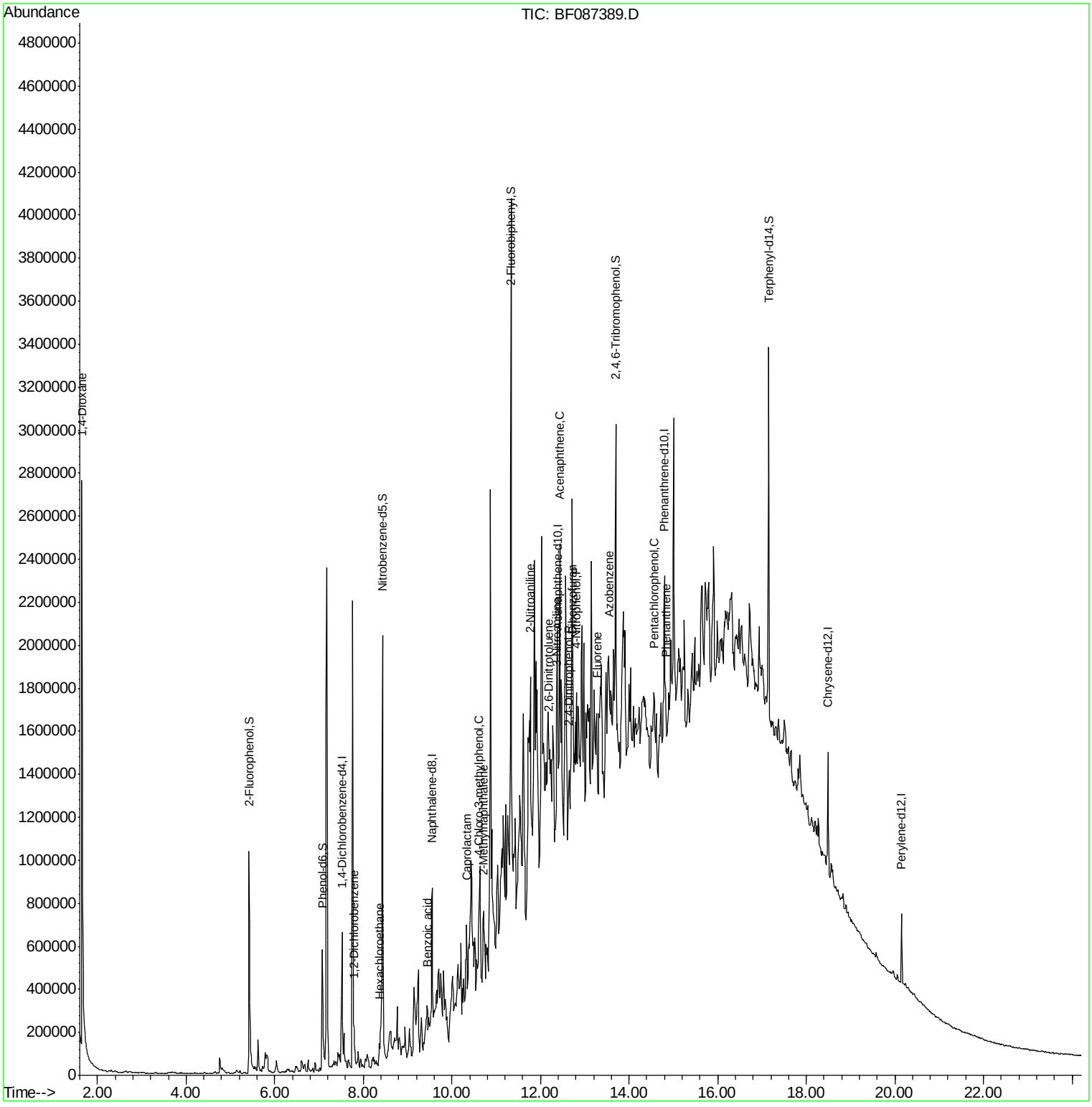
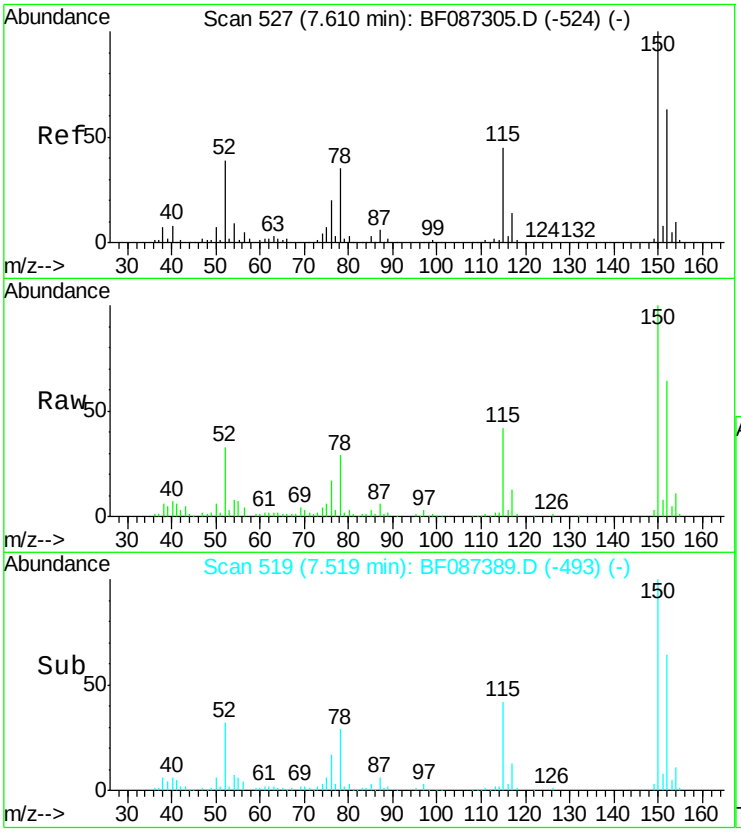


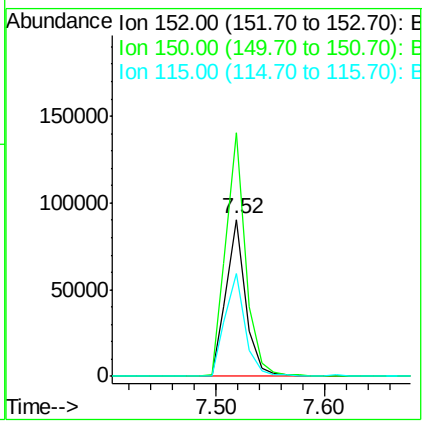


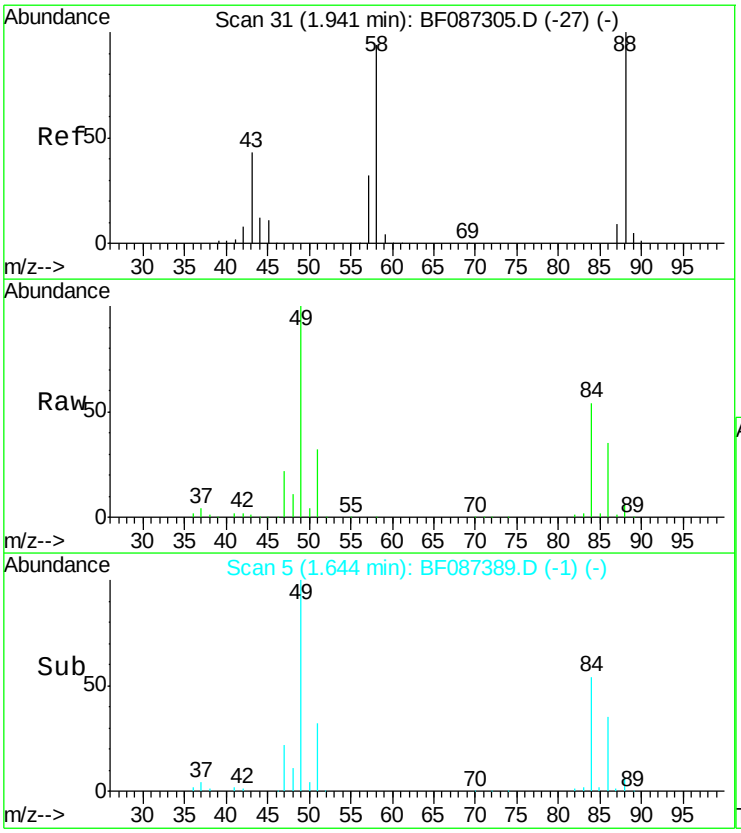
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:152 Resp: 113684

Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.8	188.6
115	65.5	51.5	77.3

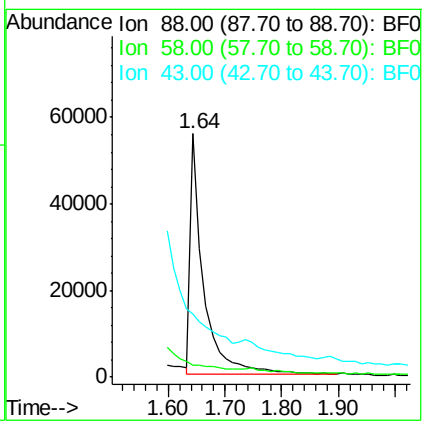


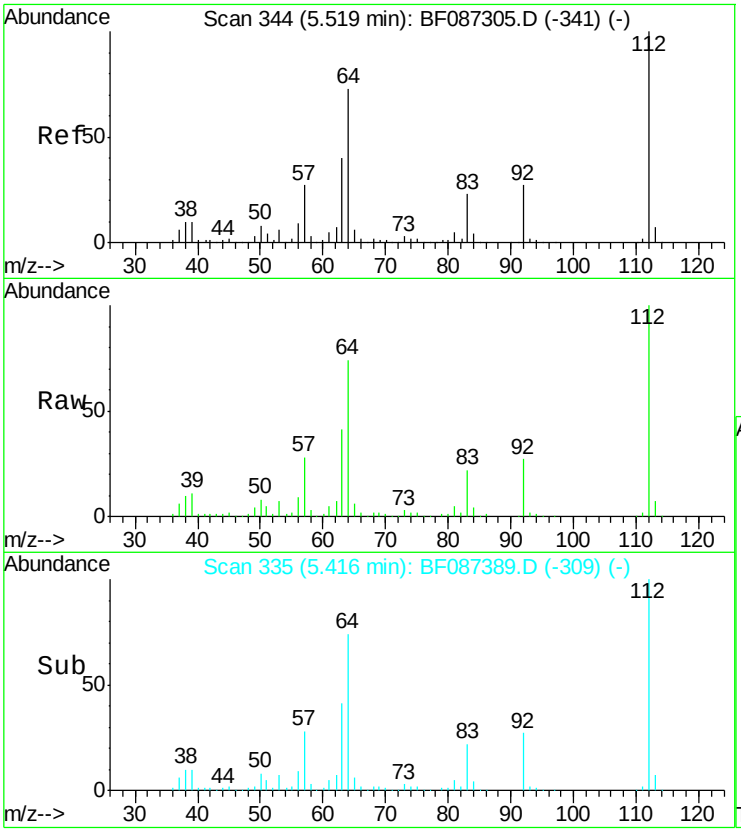


#2
1,4-Dioxane
Concen: 26.24 ng
RT: 1.64 min Scan# 5
Delta R.T. -0.17 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Tgt Ion: 88 Resp: 89573

Ion	Ratio	Lower	Upper
88	100		
58	0.0	59.6	89.4#
43	0.0	21.8	32.6#



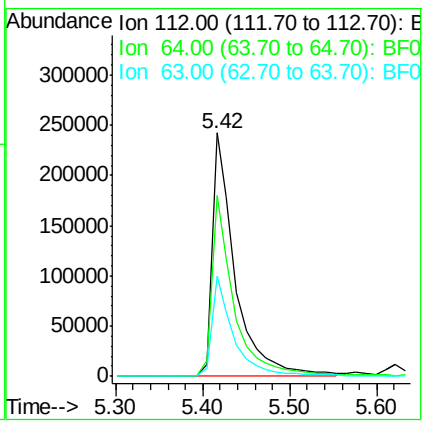


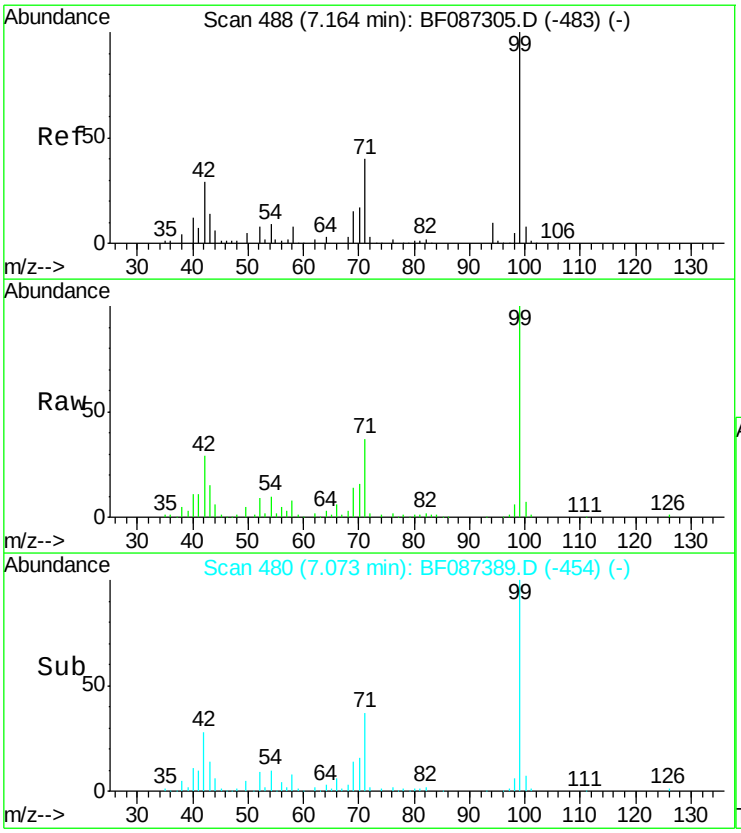
#5
2-Fluorophenol
Concen: 69.07 ng
RT: 5.42 min Scan# 335
Delta R.T. 0.00 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:112 Resp: 446844

Ion	Ratio	Lower	Upper
112	100		
64	74.2	52.1	78.1
63	41.2	25.7	38.5#

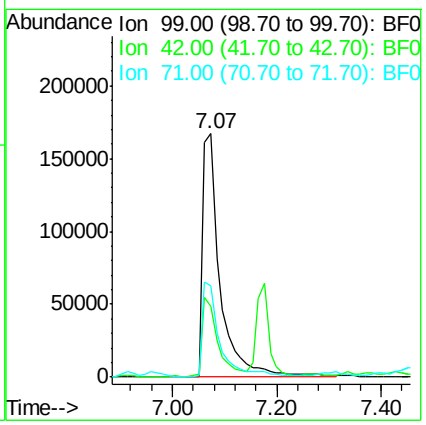


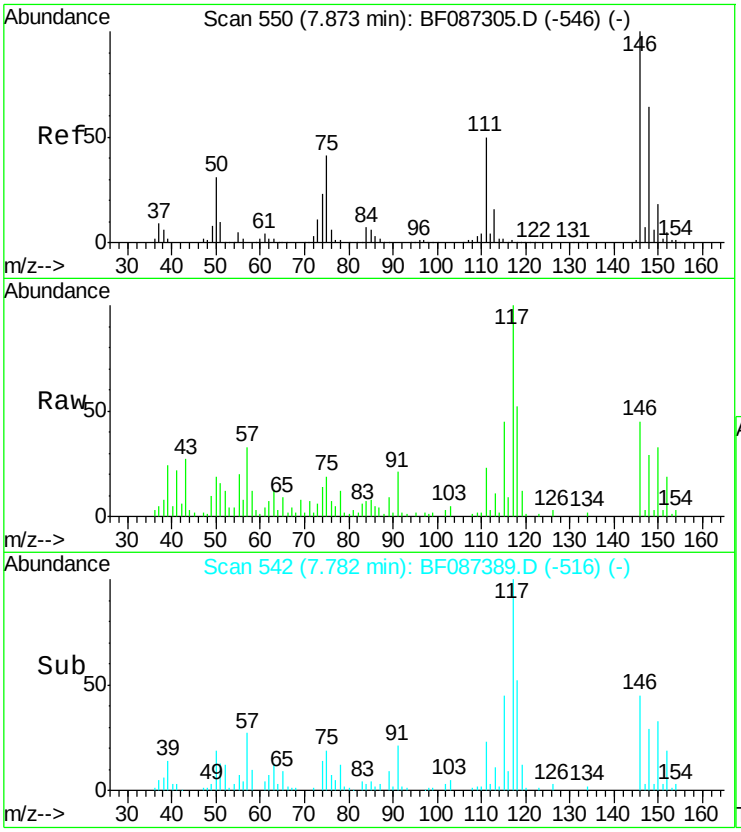


#7
Phenol-d6
Concen: 44.43 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Tgt Ion: 99 Resp: 388405

Ion	Ratio	Lower	Upper
99	100		
42	28.9	13.6	20.4#
71	37.3	24.6	36.8#



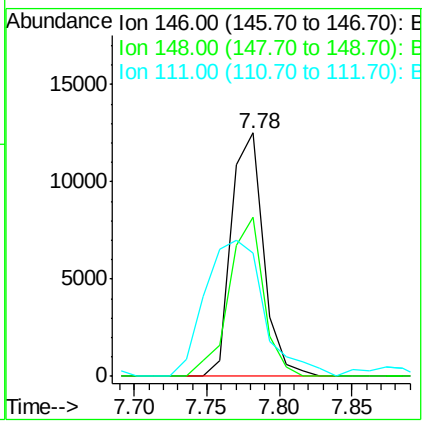


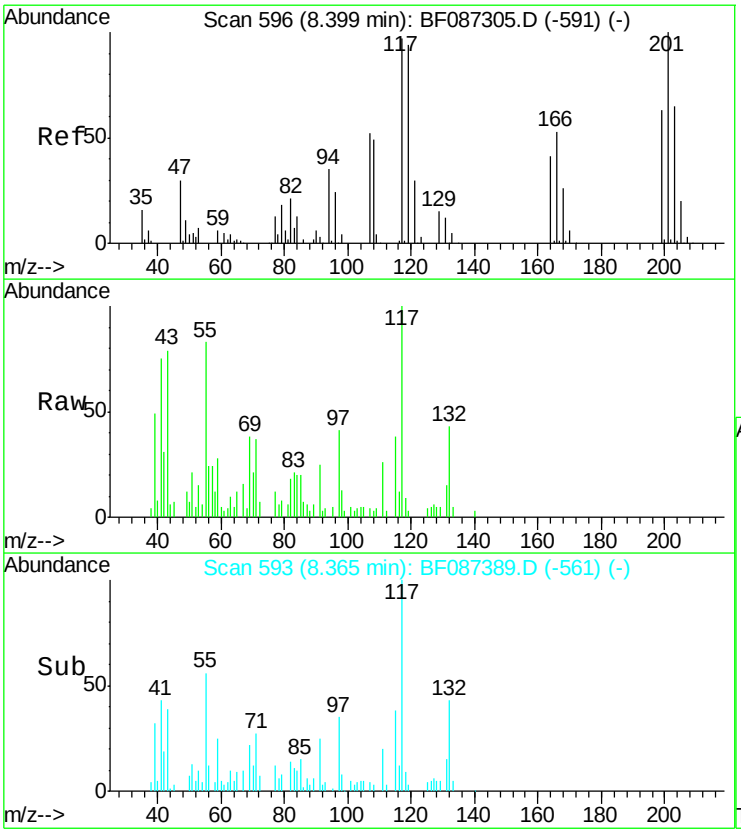
#14
1,2-Dichlorobenzene
Concen: 2.31 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:146 Resp: 19282

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.0	76.6
111	50.4	36.2	54.4

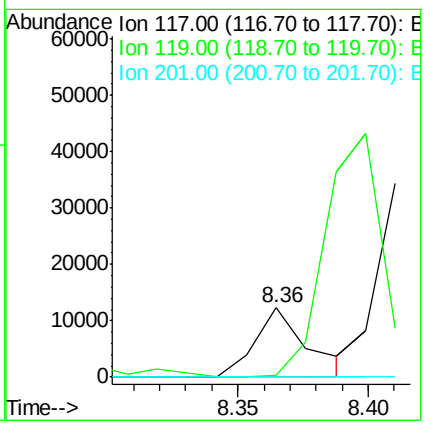


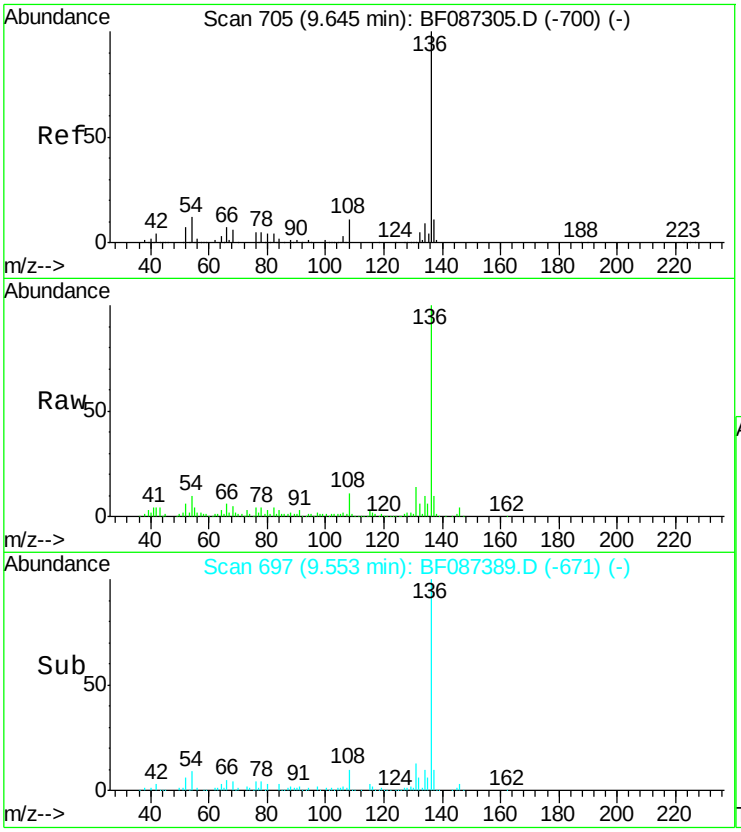


#18
Hexachloroethane
Concen: 5.11 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.07 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Tgt Ion:117 Resp: 17229

Ion	Ratio	Lower	Upper
117	100		
119	2.7	76.5	114.7#
201	0.0	63.0	94.6#



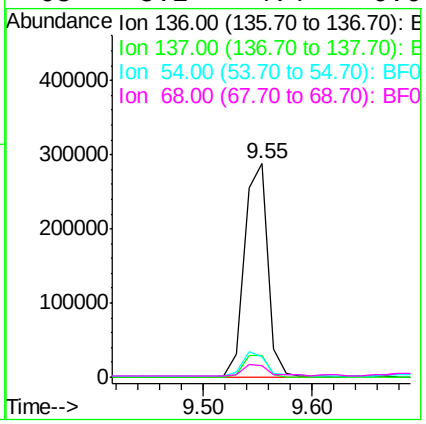


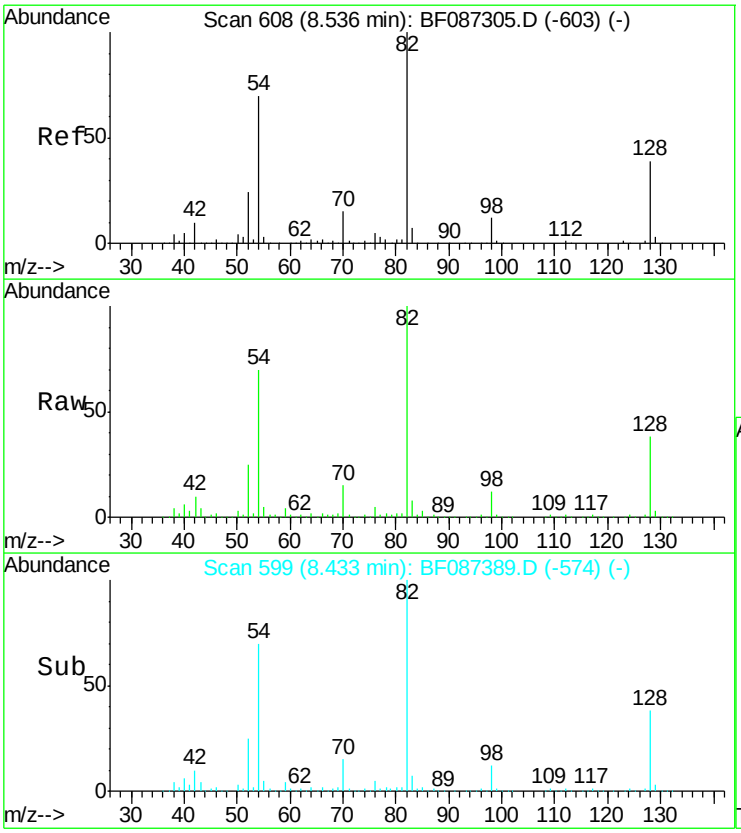
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:136 Resp: 429875

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	9.5	5.0	7.4#
68	5.2	4.4	6.6

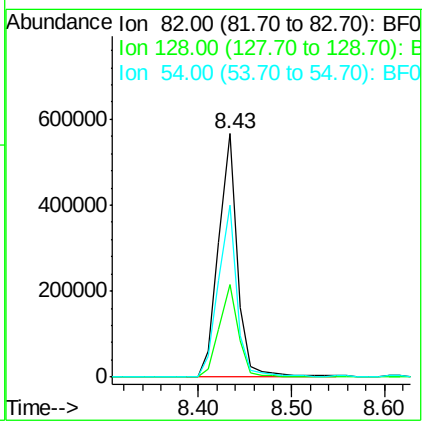


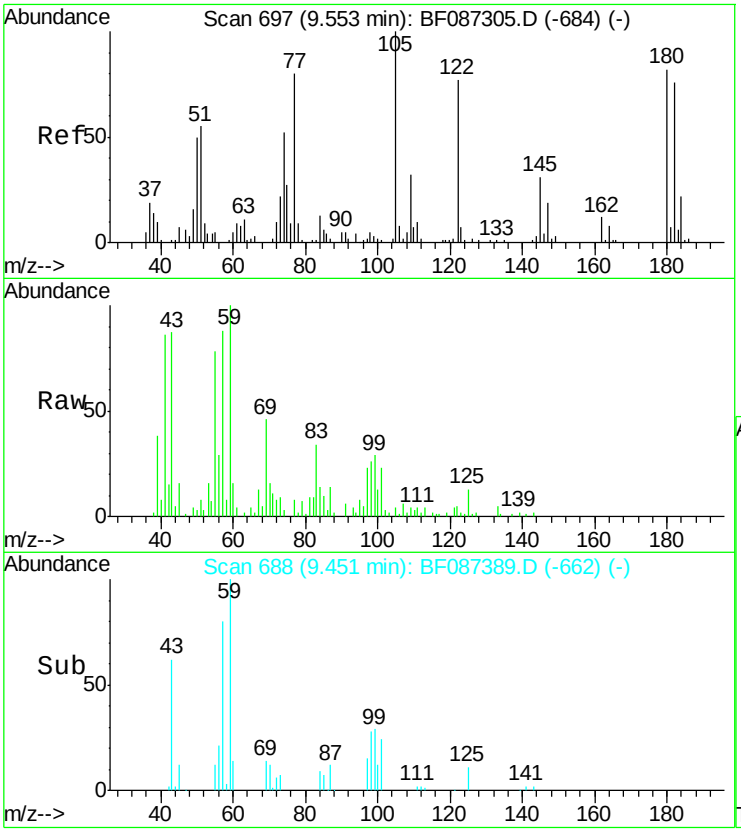


#23
Nitrobenzene-d5
Concen: 93.26 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Tgt Ion: 82 Resp: 795474

Ion	Ratio	Lower	Upper
82	100		
128	38.1	40.6	61.0#
54	70.4	38.1	57.1#



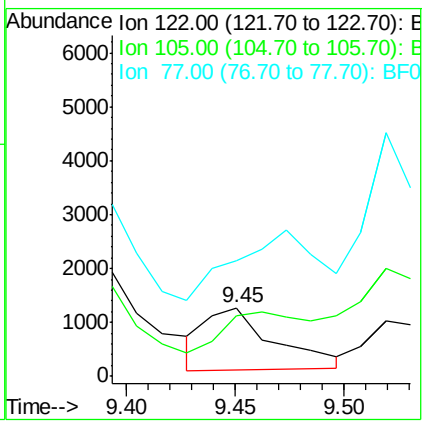


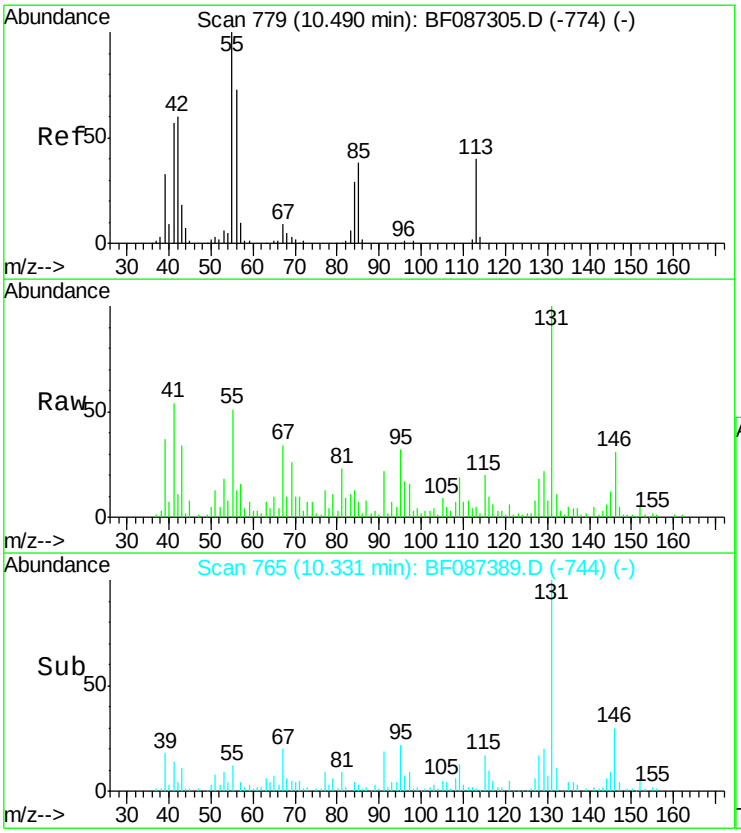
#32
Benzoic acid
Concen: 6.51 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:122 Resp: 2551

Ion	Ratio	Lower	Upper
122	100		
105	89.0	92.6	132.6#
77	169.0	60.0	100.0#

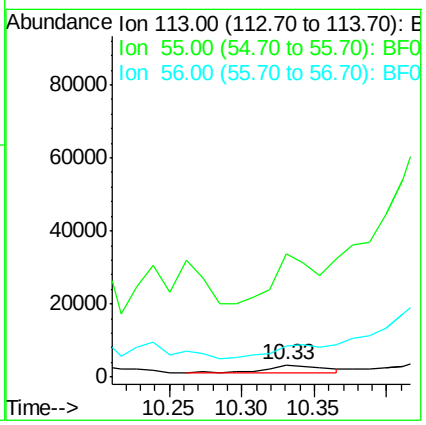


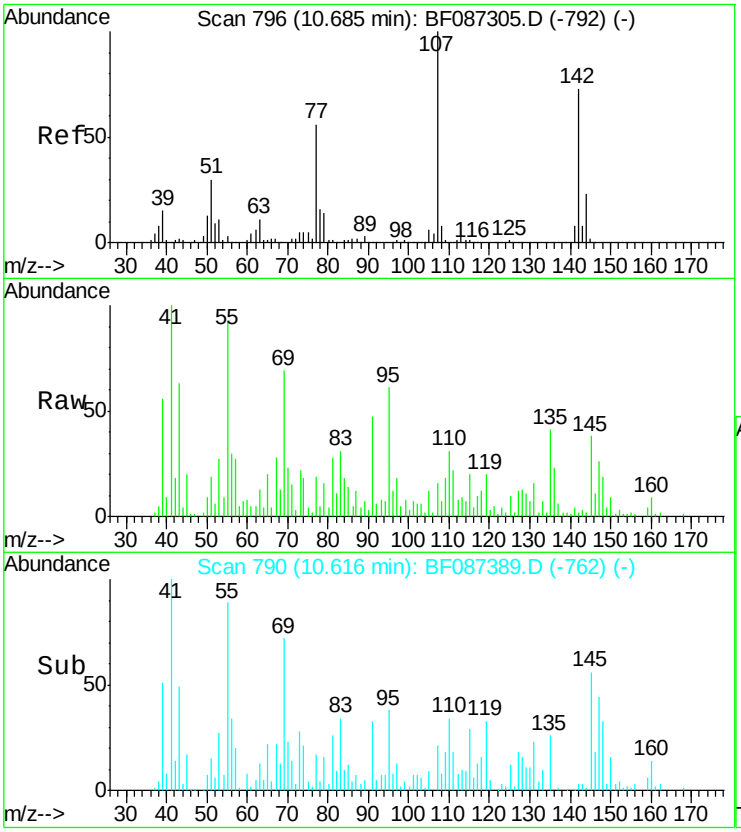


#35
Caprolactam
Concen: 3.01 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.06 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Tgt Ion:113 Resp: 5052

Ion	Ratio	Lower	Upper
113	100		
55	1025.1	162.0	202.0#
56	262.1	115.3	155.3#



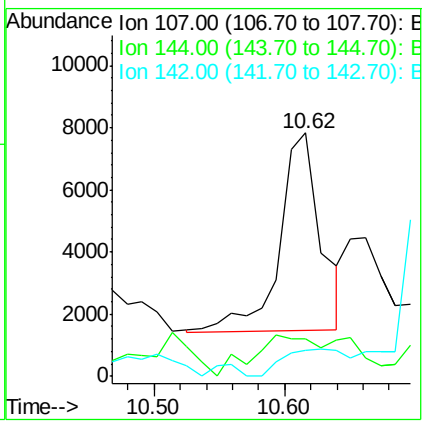


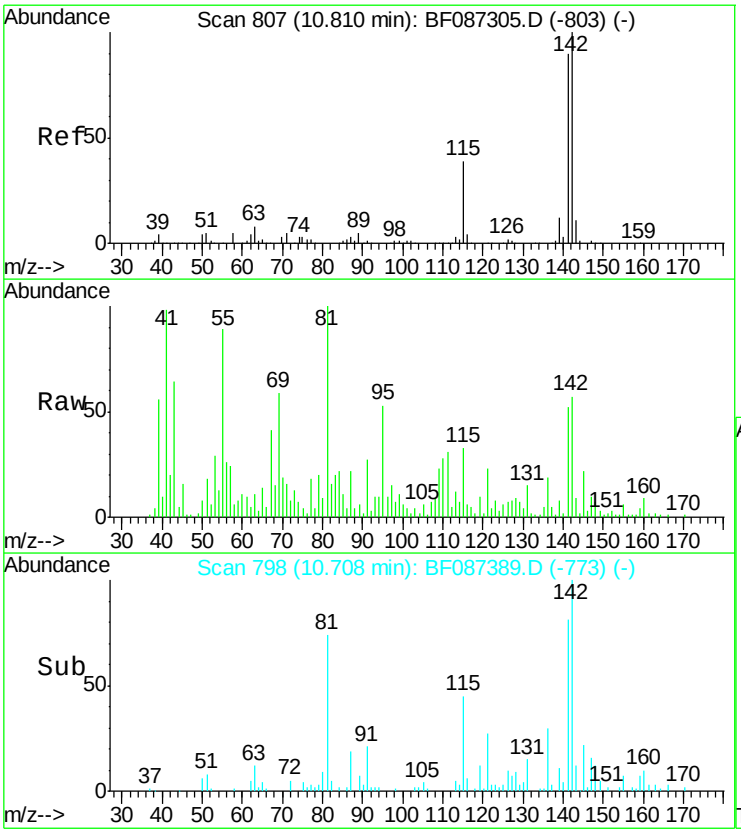
#36
4-Chloro-3-methylphenol
Concen: 2.17 ng
RT: 10.62 min Scan# 790
Delta R.T. 0.02 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:107 Resp: 14136

Ion	Ratio	Lower	Upper
107	100		
144	15.4	20.7	31.1#
142	10.8	63.2	94.8#

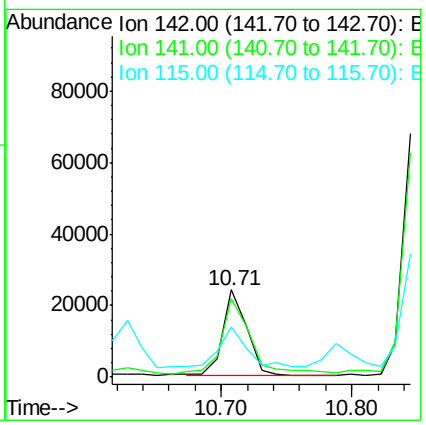


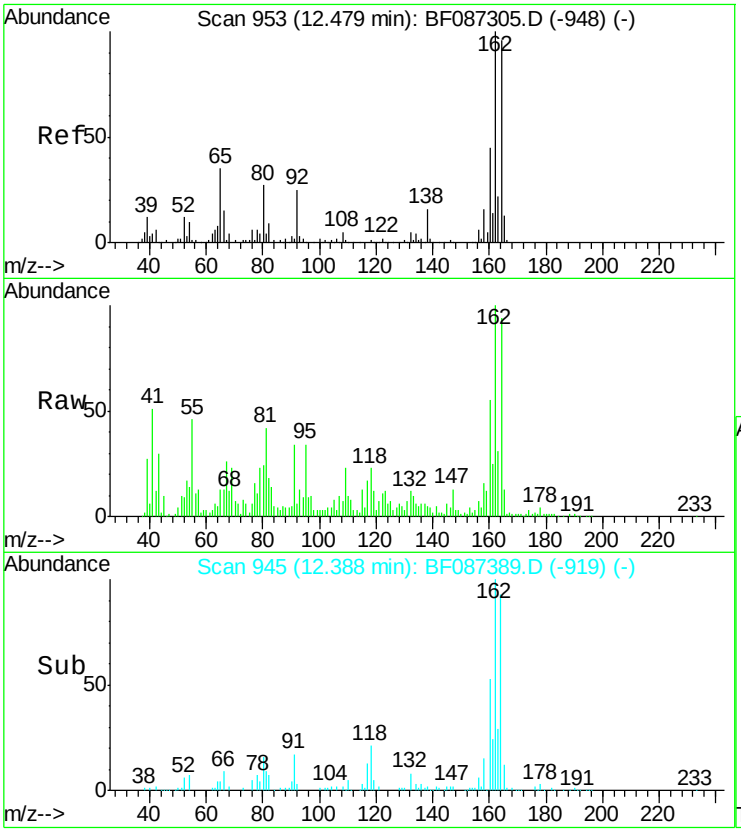


#37
2-Methylnaphthalene
Concen: 2.35 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Tgt Ion:142 Resp: 31593

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.0	106.6
115	58.4	26.6	39.8#



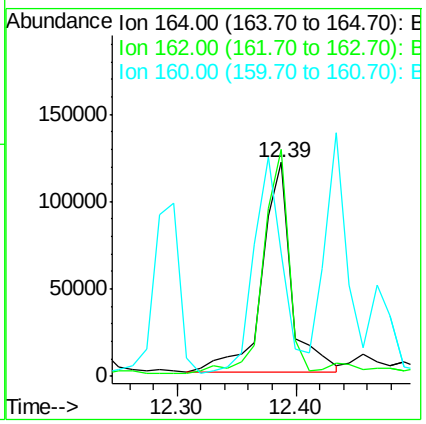


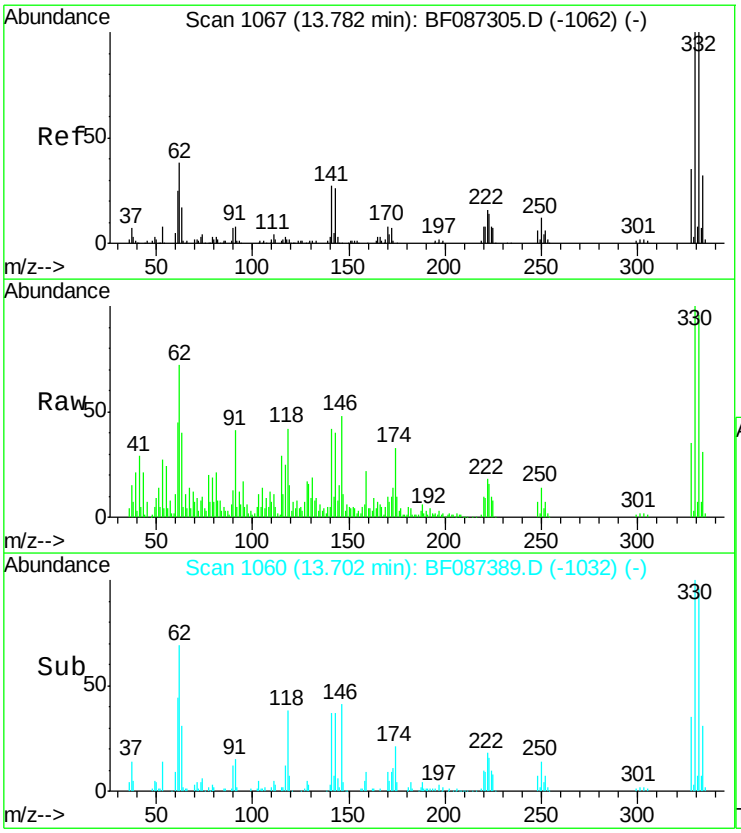
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:164 Resp: 204687

Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.8	124.2
160	57.9	36.9	55.3#

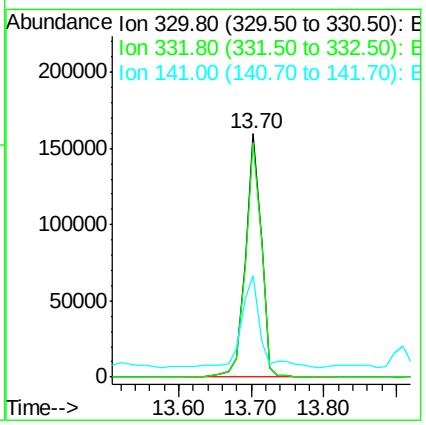


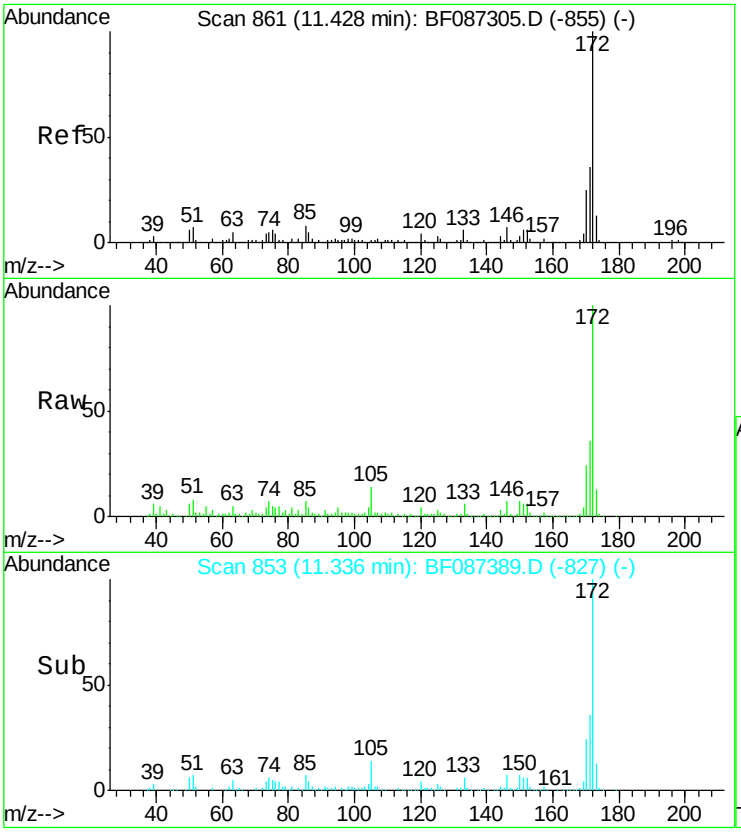


#41
2,4,6-Tribromophenol
Concen: 123.29 ng
RT: 13.70 min Scan# 1060
Delta R.T. 0.02 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Tgt Ion:330 Resp: 242502

Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	44.8	31.2	46.8



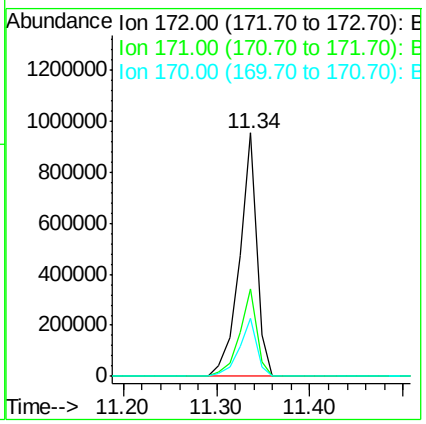


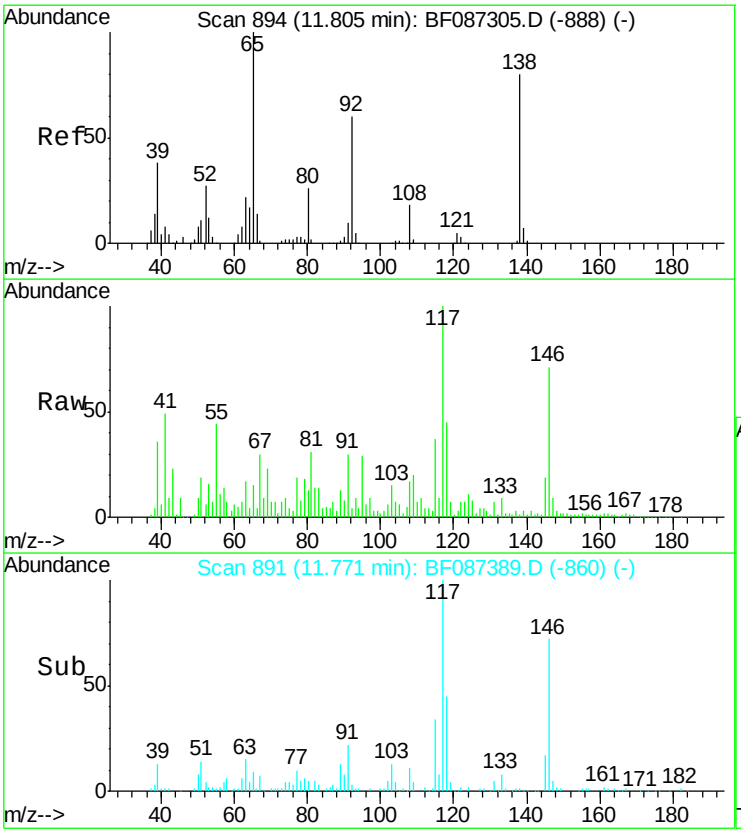
#44
2-Fluorobiphenyl
Concen: 84.75 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:172 Resp: 1230503

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	23.9	19.8	29.8

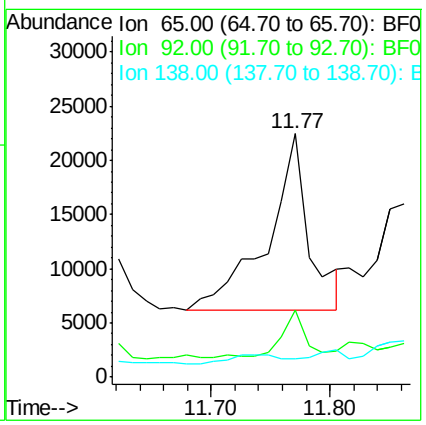


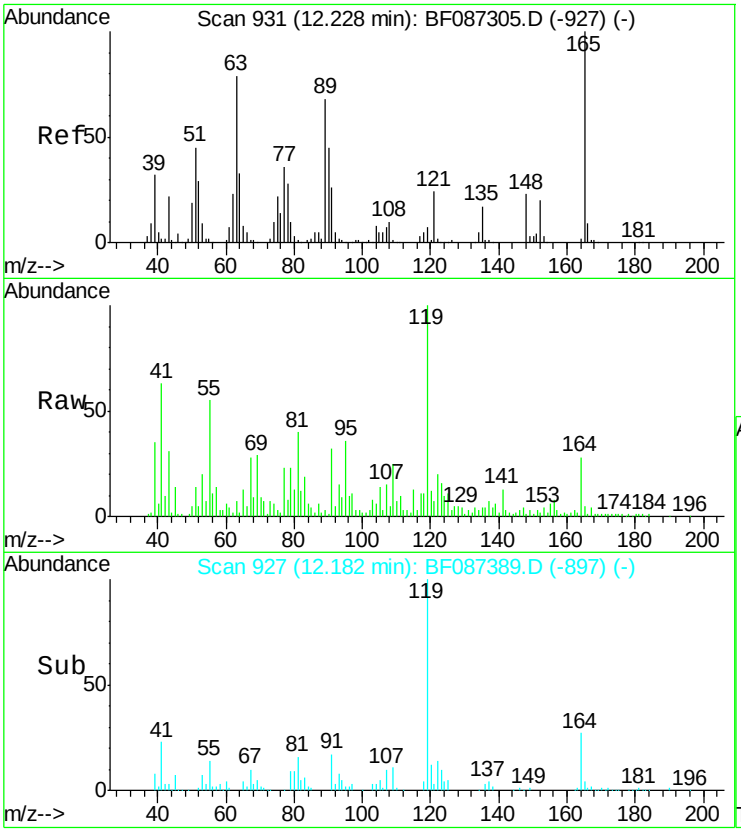


#47
2-Nitroaniline
Concen: 8.30 ng
RT: 11.77 min Scan# 891
Delta R.T. 0.06 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Tgt Ion: 65 Resp: 39439

Ion	Ratio	Lower	Upper
65	100		
92	27.5	57.4	86.2#
138	7.6	90.1	135.1#



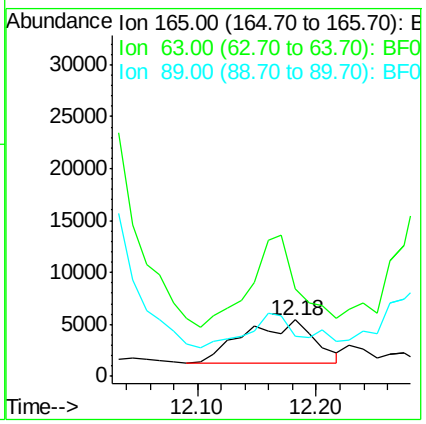


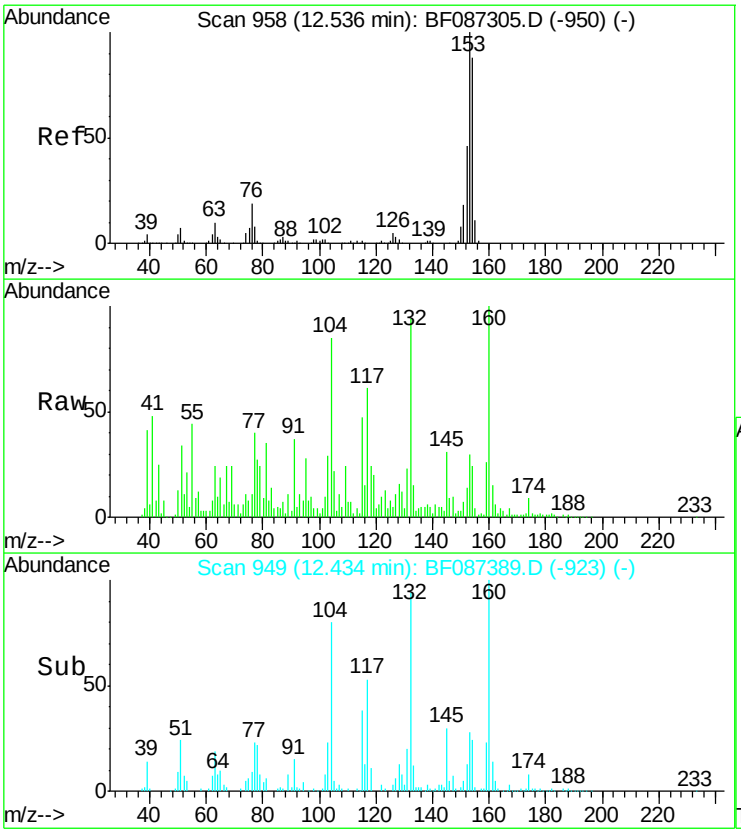
#50
2,6-Dinitrotoluene
Concen: 5.06 ng
RT: 12.18 min Scan# 927
Delta R.T. 0.05 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:165 Resp: 16708

Ion	Ratio	Lower	Upper
165	100		
63	154.6	51.8	77.8#
89	70.1	50.7	76.1

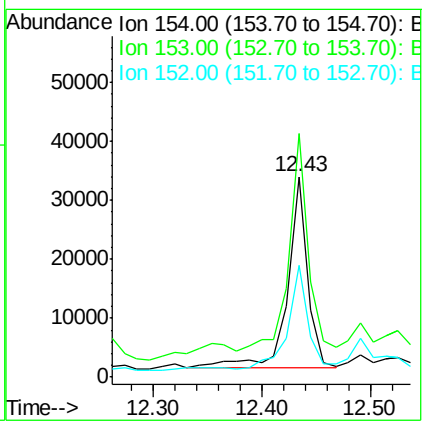


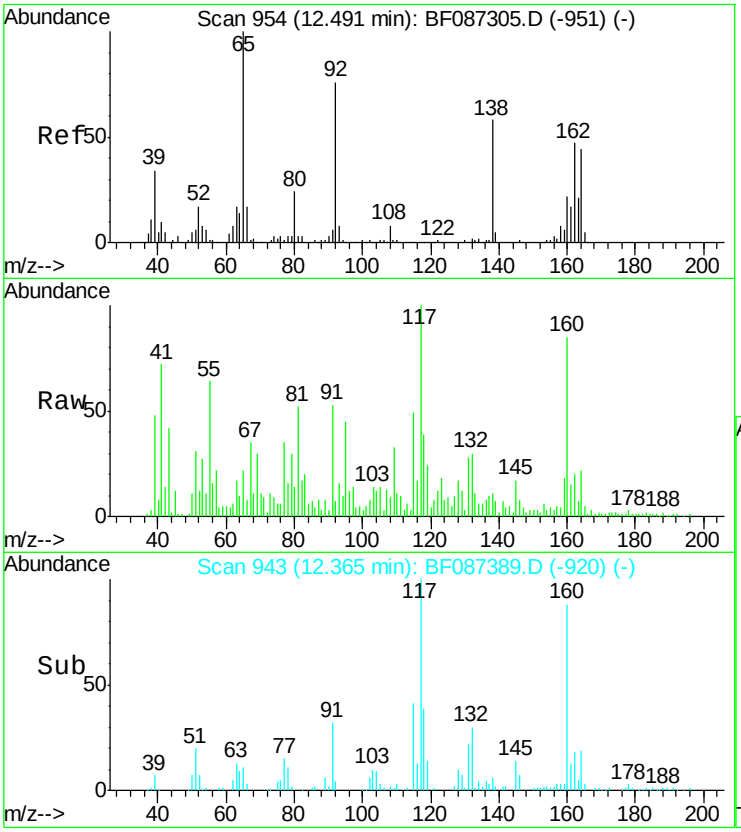


#51
Acenaphthene
Concen: 3.26 ng
RT: 12.43 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Tgt Ion:154 Resp: 41886

Ion	Ratio	Lower	Upper
154	100		
153	121.6	89.8	134.6
152	55.6	43.4	65.0



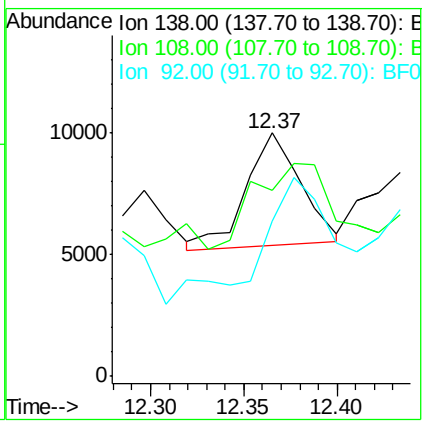


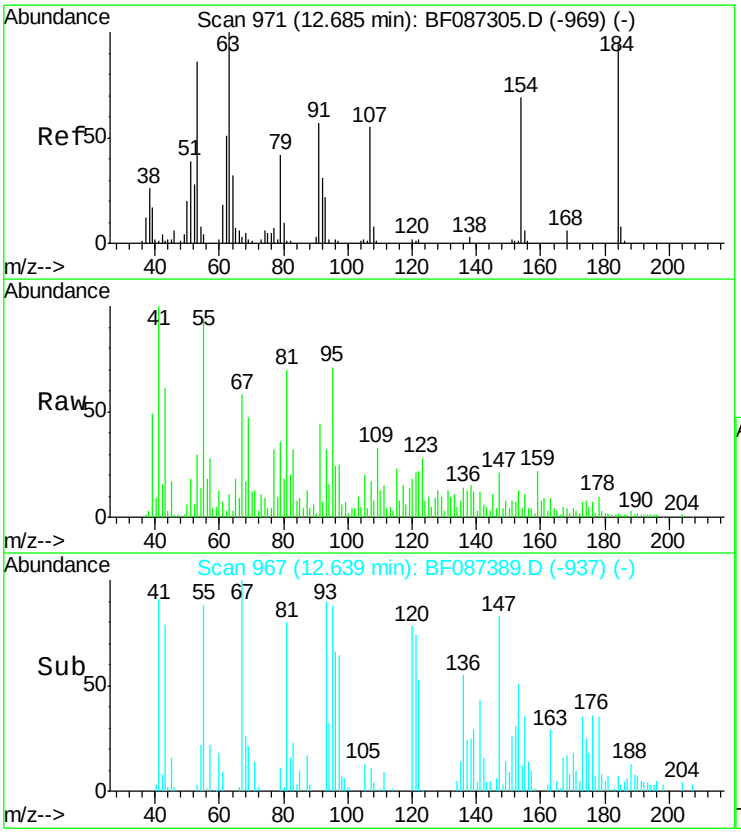
#52
3-Nitroaniline
Concen: 2.77 ng
RT: 12.37 min Scan# 943
Delta R.T. -0.03 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:138 Resp: 9396

Ion	Ratio	Lower	Upper
138	100		
108	76.2	7.8	11.6#
92	63.7	87.8	131.8#

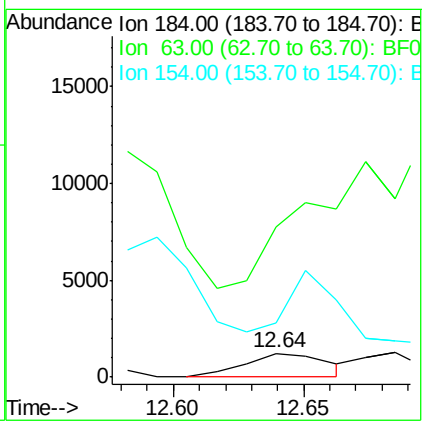


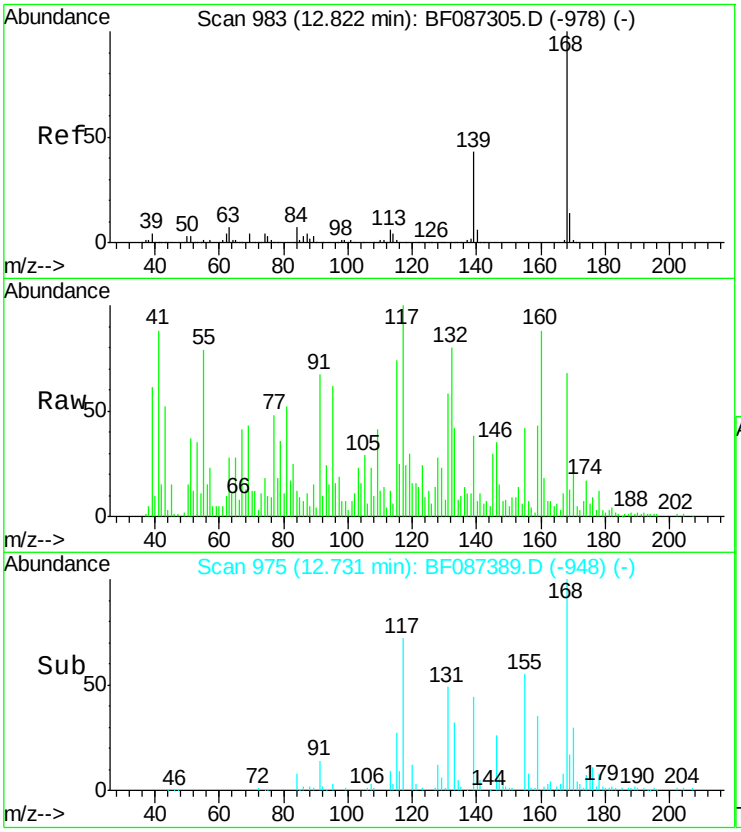


#53
2,4-Dinitrophenol
Concen: 8.04 ng
RT: 12.64 min Scan# 967
Delta R.T. 0.05 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Tgt Ion:184 Resp: 2751

Ion	Ratio	Lower	Upper
184	100		
63	634.9	55.8	83.8#
154	227.6	62.4	93.6#



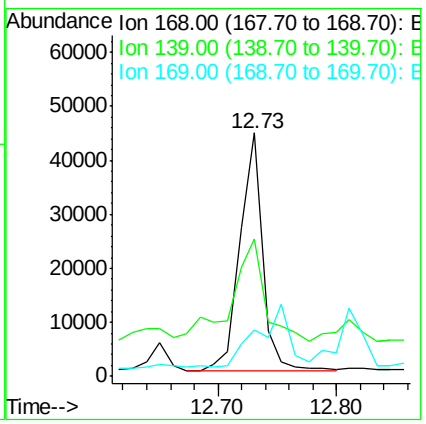


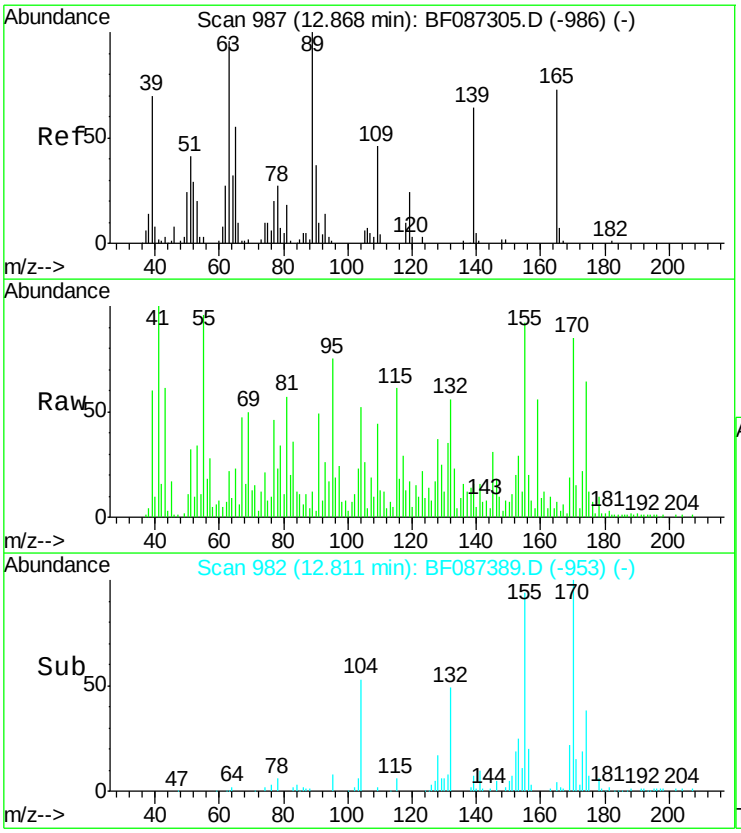
#54
Dibenzofuran
Concen: 3.43 ng
RT: 12.73 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:168 Resp: 59643

Ion	Ratio	Lower	Upper
168	100		
139	56.3	31.4	47.0#
169	18.9	10.7	16.1#

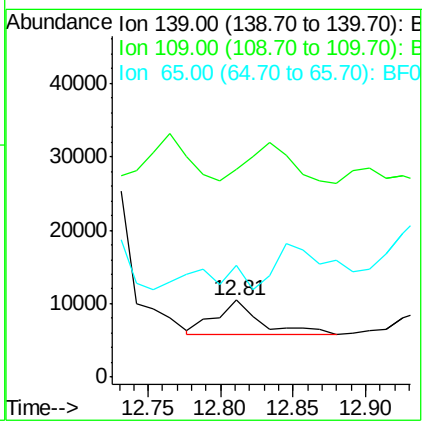


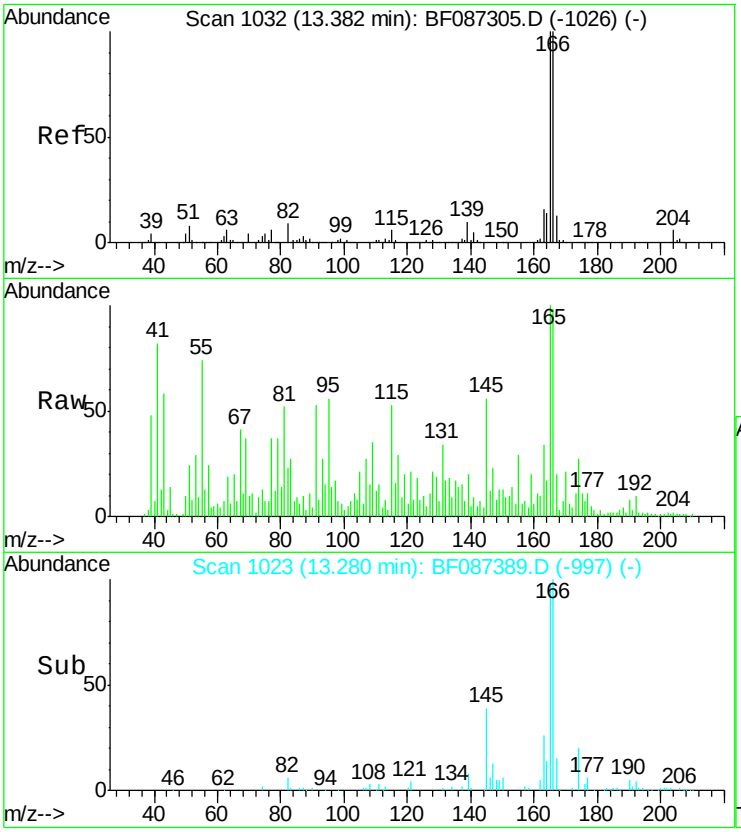


#55
4-Nitrophenol
Concen: 6.40 ng
RT: 12.81 min Scan# 982
Delta R.T. 0.03 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Tgt Ion:139 Resp: 10345

Ion	Ratio	Lower	Upper
139	100		
109	270.0	36.9	76.9#
65	144.8	64.0	104.0#



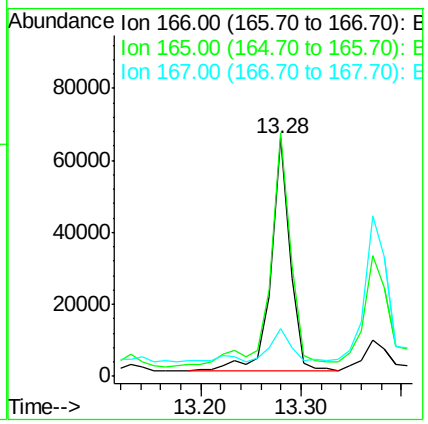


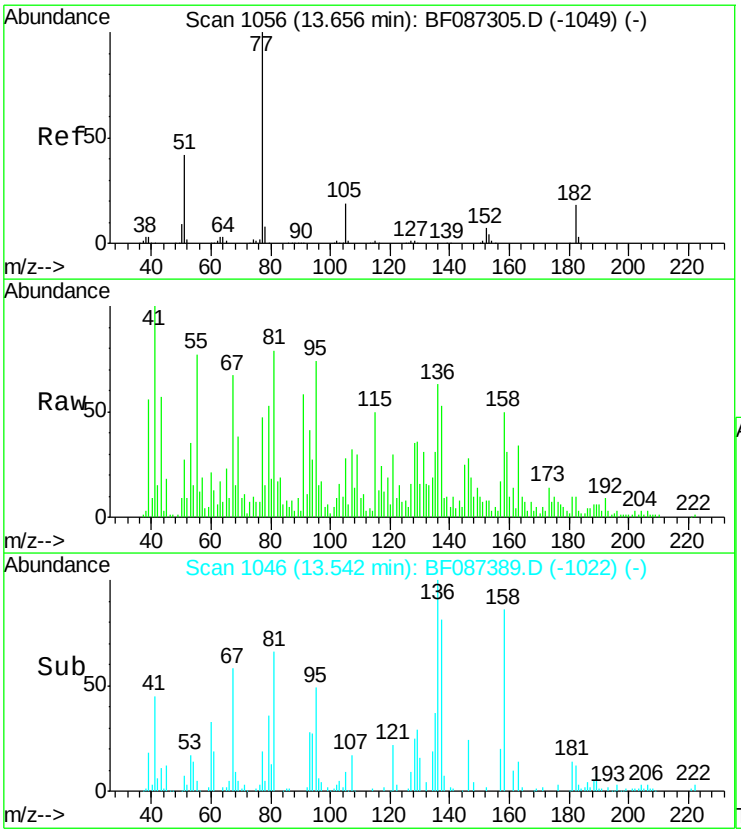
#57
Fluorene
Concen: 5.75 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:166 Resp: 86609

Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.0	118.6
167	20.3	10.6	15.8#

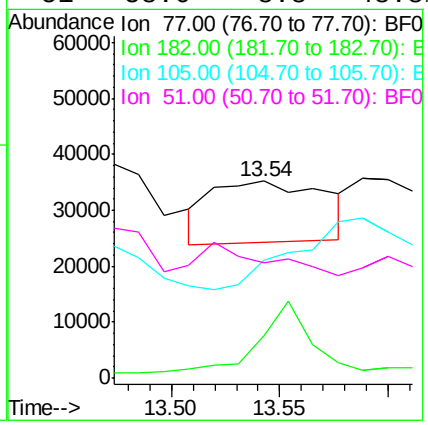


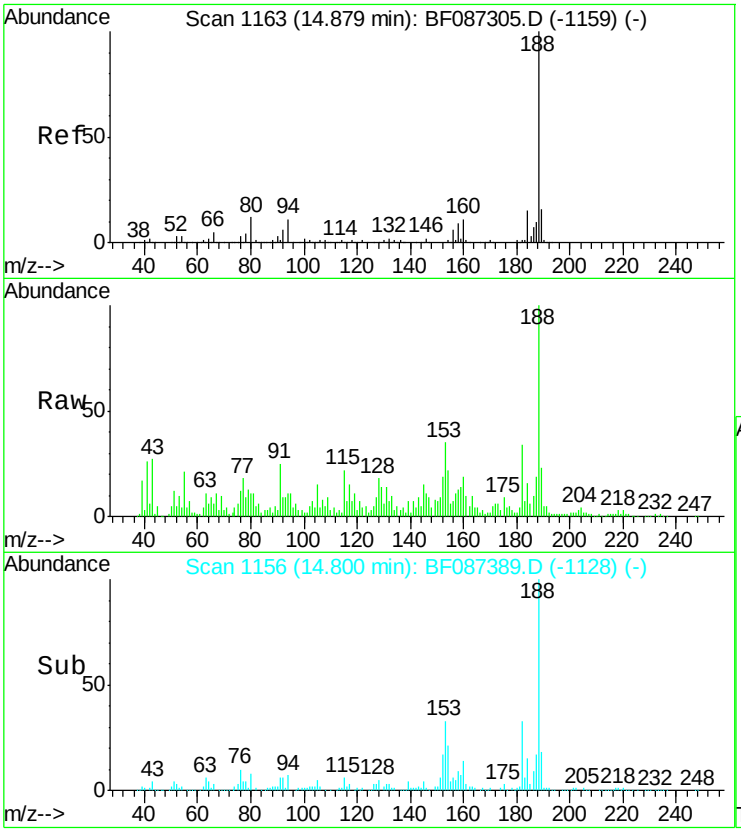


#62
Azobenzene
Concen: 2.41 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Tgt Ion: 77 Resp: 39856

Ion	Ratio	Lower	Upper
77	100		
182	21.3	0.0	38.8
105	59.9	3.2	43.2#
51	58.6	8.8	48.8#



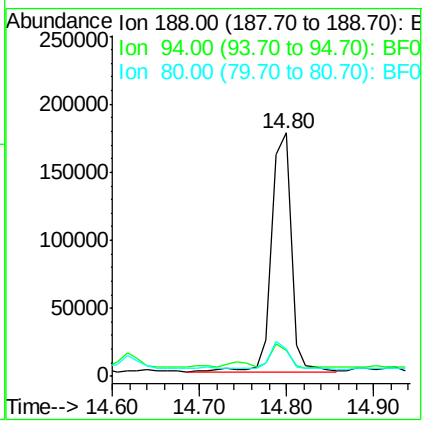


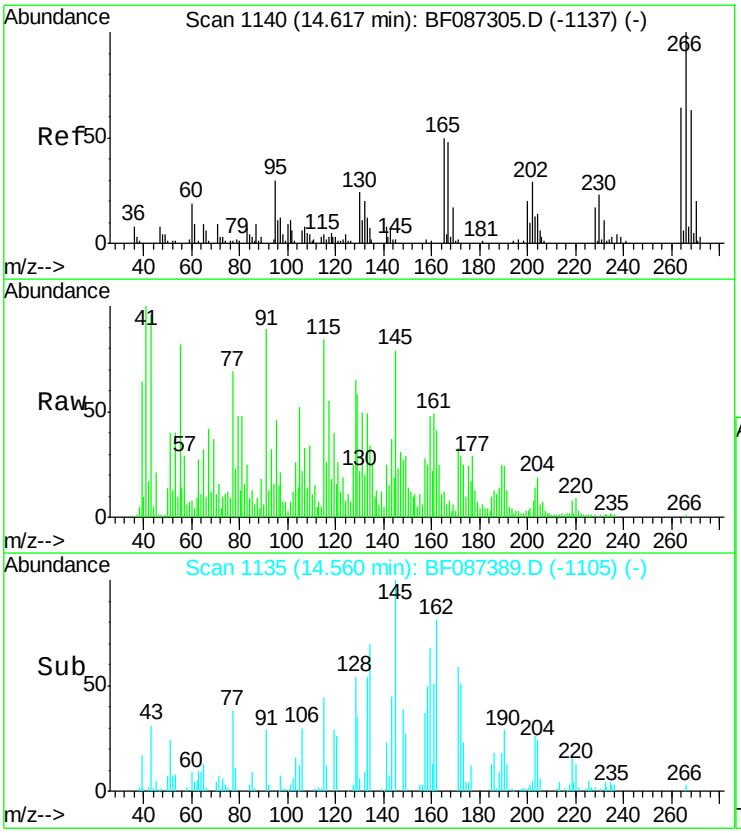
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:188 Resp: 273773

Ion	Ratio	Lower	Upper
188	100		
94	10.8	6.8	10.2#
80	11.3	7.1	10.7#

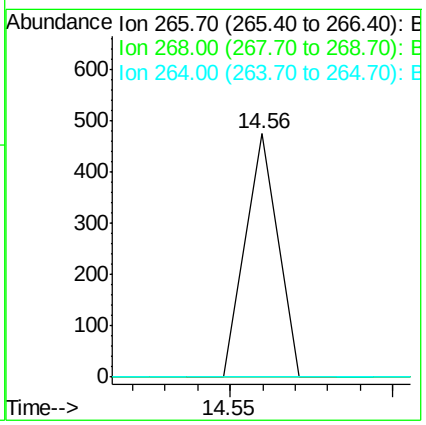


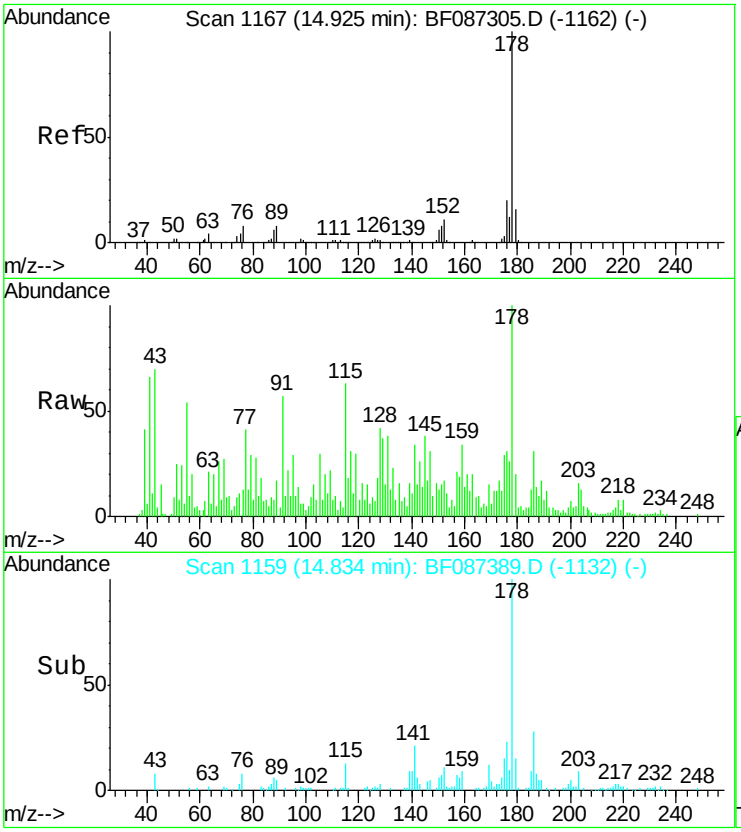


#69
Pentachlorophenol
Concen: 6.49 ng
RT: 14.56 min Scan# 1135
Delta R.T. 0.05 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Tgt Ion:266 Resp: 326

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.5	77.3#
264	0.0	52.9	79.3#



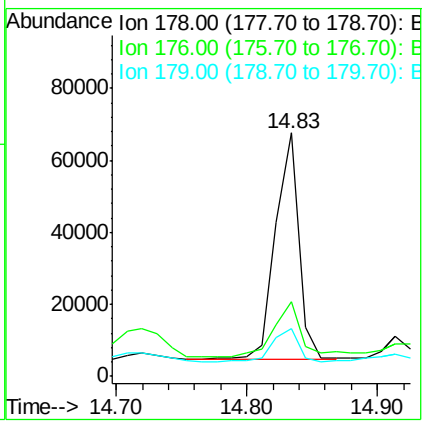


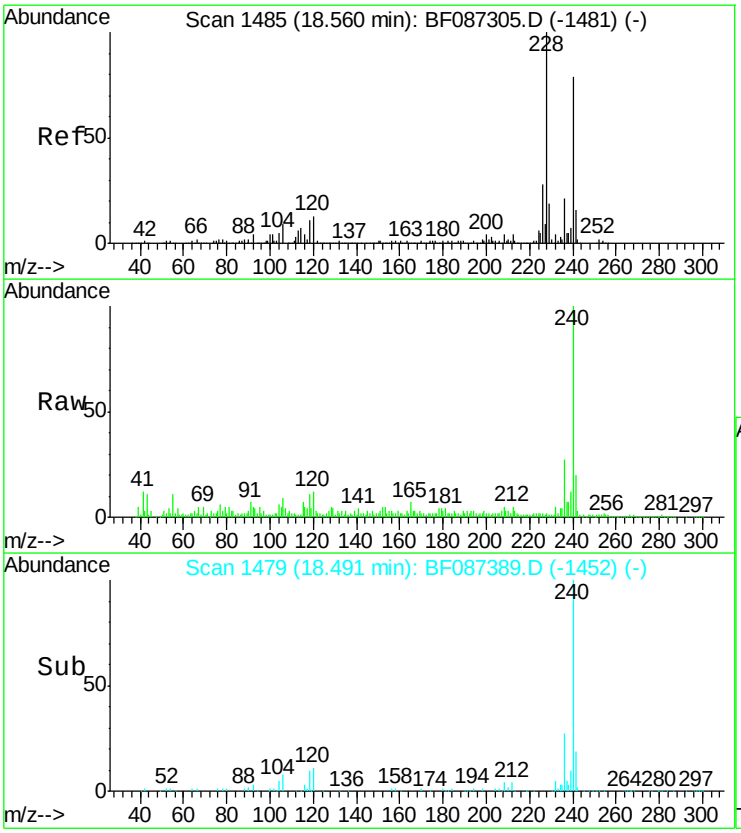
#70
Phenanthrene
Concen: 5.28 ng
RT: 14.83 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:178 Resp: 80135

Ion	Ratio	Lower	Upper
178	100		
176	30.7	16.0	24.0#
179	19.5	12.6	18.8#

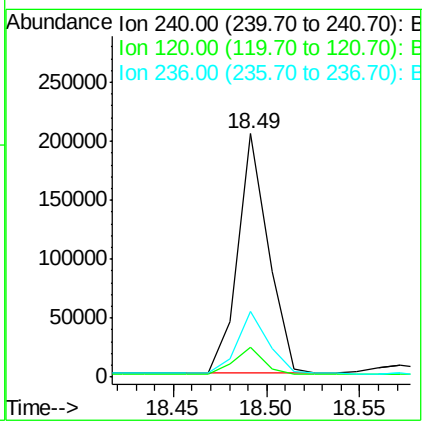


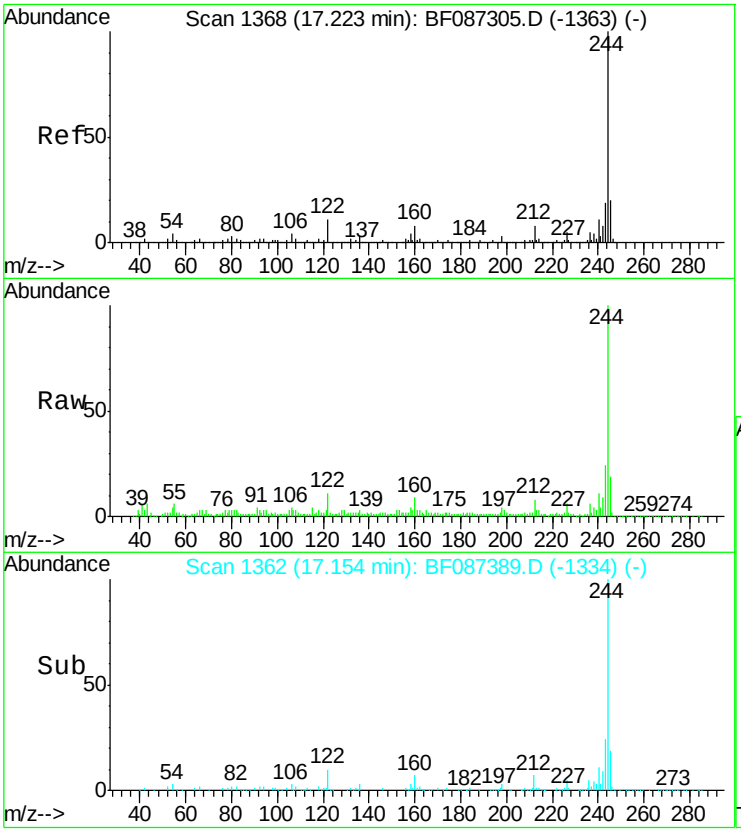


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Tgt Ion:240 Resp: 231870

Ion	Ratio	Lower	Upper
240	100		
120	12.5	11.2	16.8
236	27.2	21.2	31.8



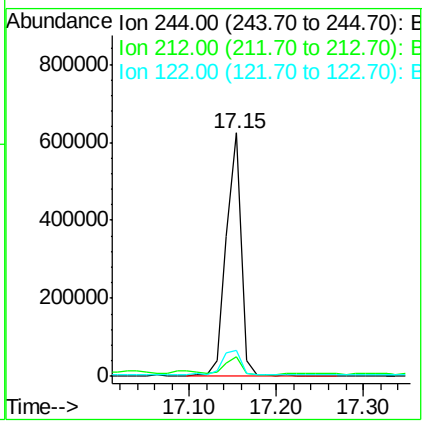


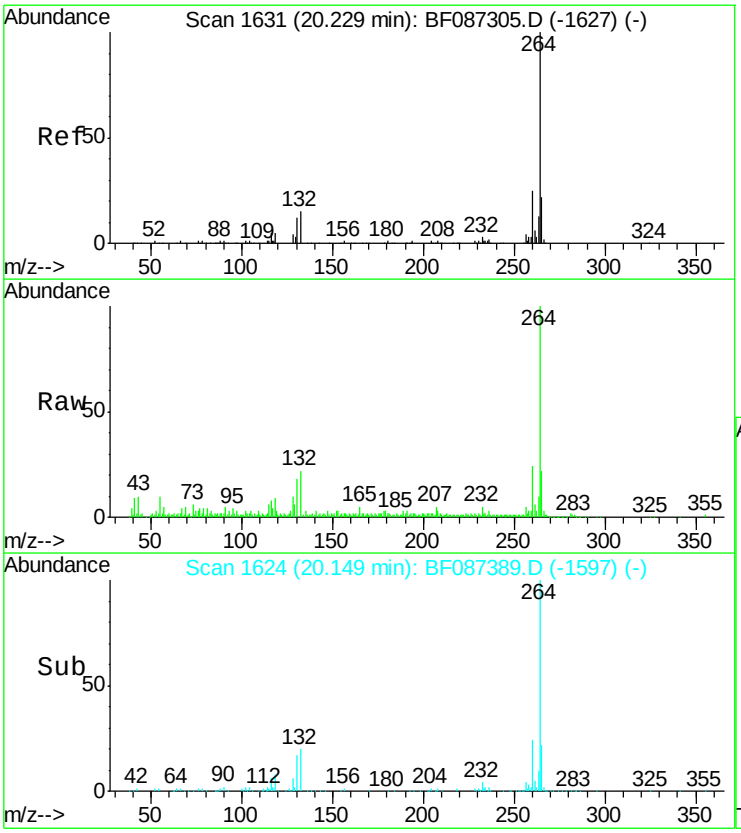
#78
Terphenyl-d14
Concen: 66.97 ng
RT: 17.15 min Scan# 1362
Delta R.T. 0.02 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:244 Resp: 730370

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	10.8	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.15 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BF087389.D
Acq: 26 May 2016 1:21

Tgt Ion:264 Resp: 156514

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.0	17.3	25.9