Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087311.D
Acq On : 23 May 2016 21:08
Operator : UM/SJ
Sample : PB90743BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90743BL

Quant Time: May 24 01:55:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 01:40:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	142163	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	599504	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	289636	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	581030	20.00	ng	0.00
75) Chrysene-d12	18.56	240	505603	20.00	ng	0.00
86) Perylene-d12	20.22	264	412900	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1093987	135.22	ng	0.02
7) Phenol-d6	7.15	99	1456745	133.25	ng	-0.01
23) Nitrobenzene-d5	8.52	82	974001	81.88	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	363724	130.68	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1685234	82.03	ng	0.00
78) Terphenyl-d14	17.22	244	1771861	74.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.68	88	121957	28.57	ng	# 22
4) n-Nitrosodimethylamine	2.49	42	172	0.02	ng	# 1
6) Aniline	7.18	93	248	0.02	ng	# 1
9) Benzaldehyde	7.15	77	2081	0.34	ng	# 4
10) Phenol	7.27	94	2512	0.21	ng	# 1
11) bis(2-Chloroethyl)ether	7.27	93	1441	0.15	ng	# 1
15) Benzyl Alcohol	7.84	79	16808	2.11	ng	# 42
19) n-Nitroso-di-n-propylamine	8.52	70	131557	16.14	ng	# 76
24) Nitrobenzene	8.52	77	2778	0.22	ng	# 35
25) Isophorone	9.07	82	1183	0.06	ng	# 68
45) 1,1'-Biphenyl	11.42	154	3622	0.15	ng	# 1
51) Acenaphthene	12.47	154	957	0.05	ng	# 5
59) Diethylphthalate	13.28	149	215	0.01	ng	# 60
62) Azobenzene	13.76	77	2353	0.10	ng	# 1
64) 4,6-Dinitro-2-methylphenol	13.77	198	885	0.24	ng	# 1
65) n-Nitrosodiphenylamine	13.77	169	12363	0.66	ng	# 49
80) Benzo(a)anthracene	18.56	228	1065	0.04	ng	# 50
82) Chrysene	18.56	228	1065	0.04	ng	# 49
89) Benzo(a)pyrene	20.22	252	1186	0.05	ng	# 69

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
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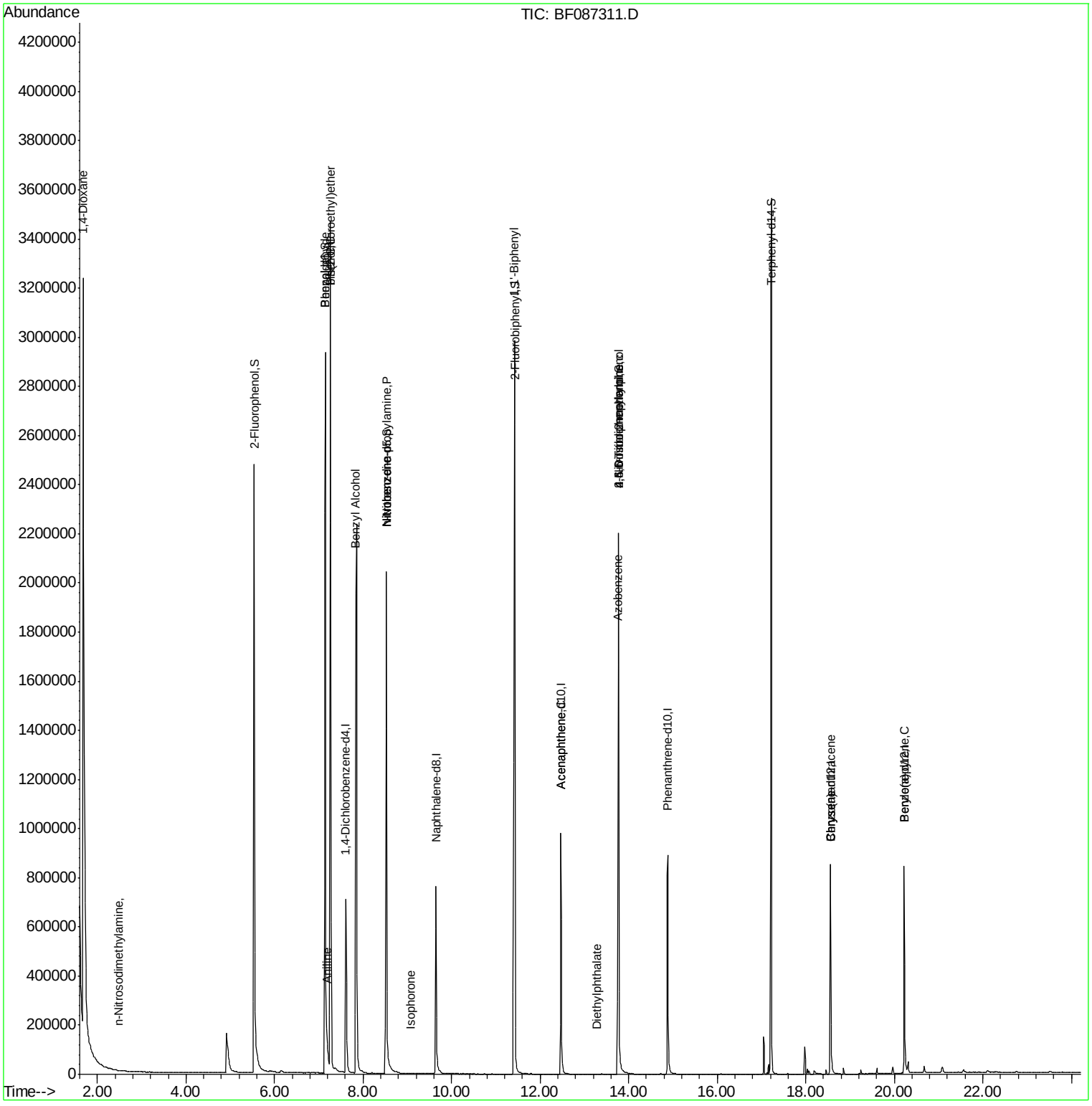
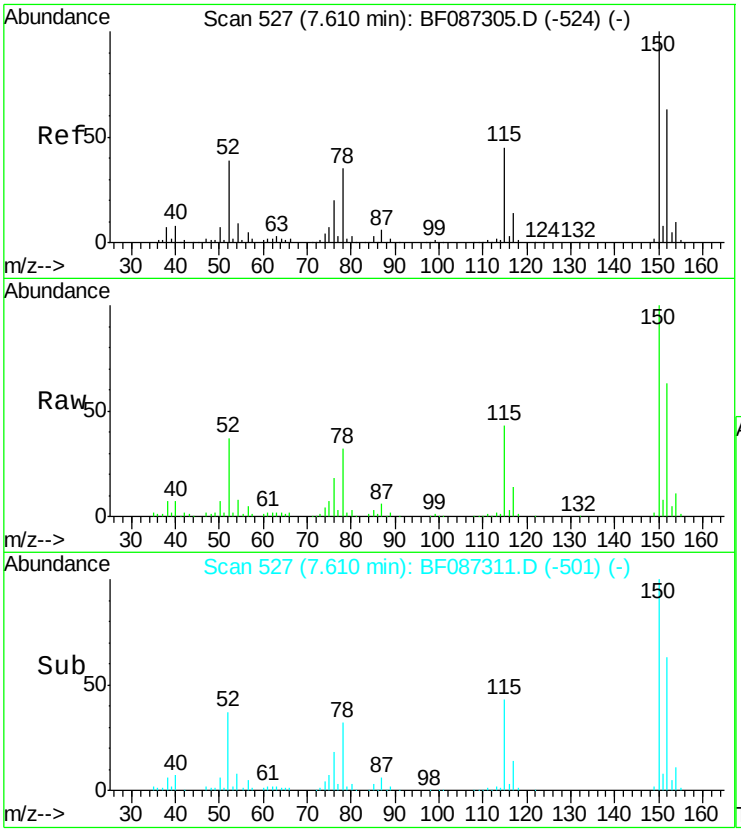


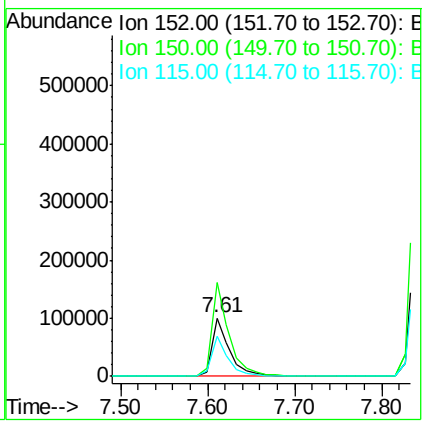


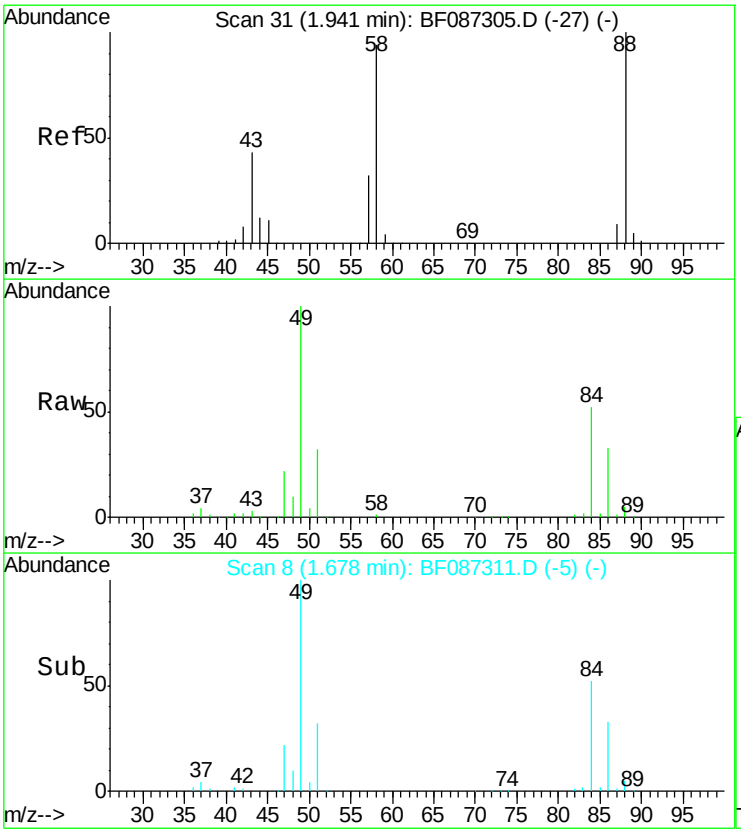
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion:152 Resp: 142163

Ion	Ratio	Lower	Upper
152	100		
150	159.6	125.8	188.6
115	69.4	51.5	77.3

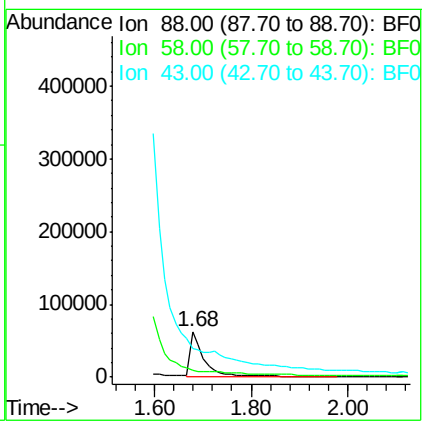


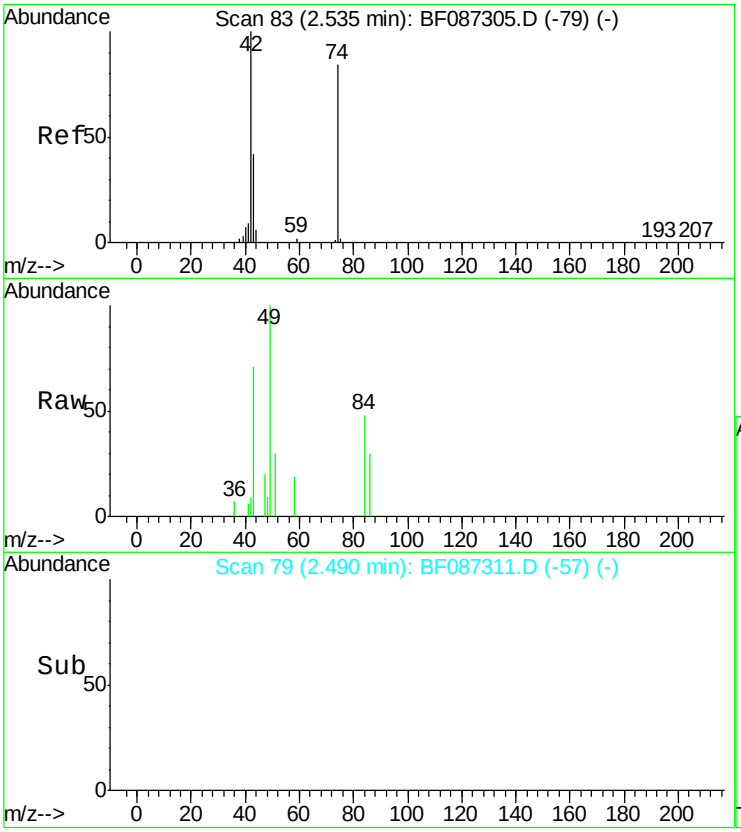


#2
1,4-Dioxane
Concen: 28.57 ng
RT: 1.68 min Scan# 8
Delta R.T. -0.26 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion: 88 Resp: 121957

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



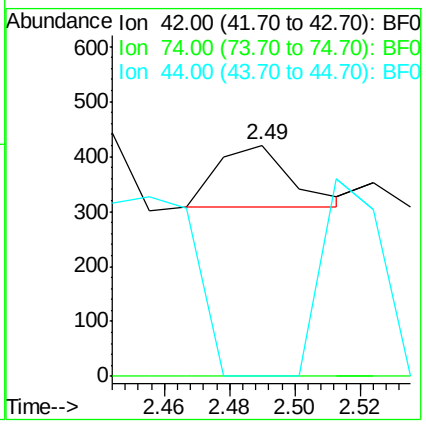


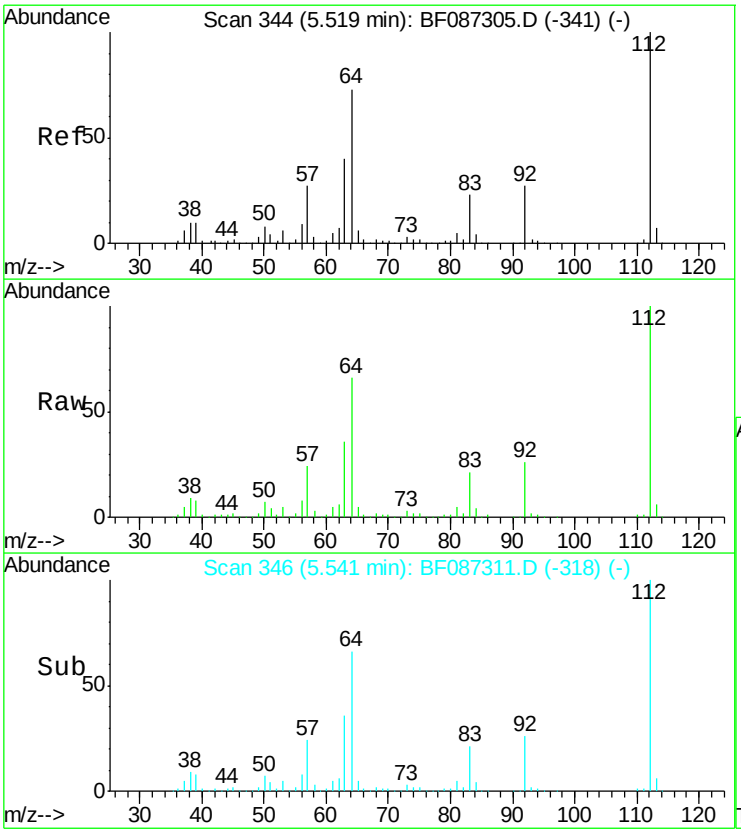
#4
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 2.49 min Scan# 79
Delta R.T. -0.05 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion: 42 Resp: 172

Ion	Ratio	Lower	Upper
42	100		
74	0.0	123.4	185.0#
44	0.0	5.8	8.6#

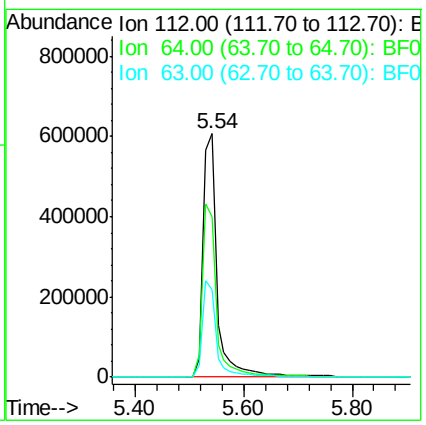


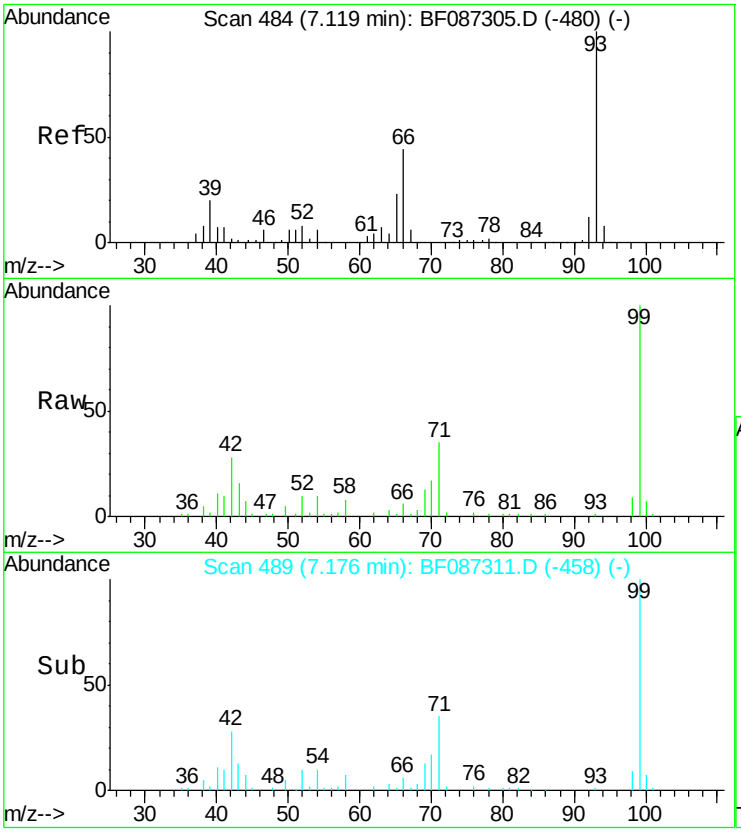


#5
2-Fluorophenol
Concen: 135.22 ng
RT: 5.54 min Scan# 346
Delta R.T. 0.02 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion:112 Resp: 1093987

Ion	Ratio	Lower	Upper
112	100		
64	65.7	52.1	78.1
63	36.1	25.7	38.5



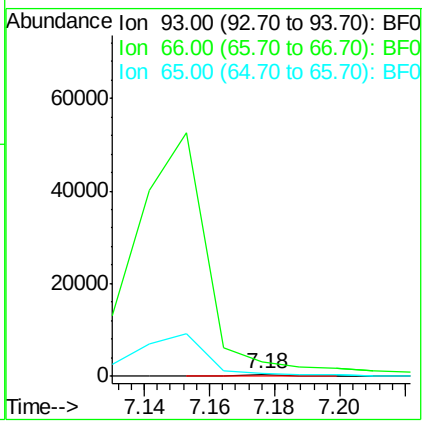


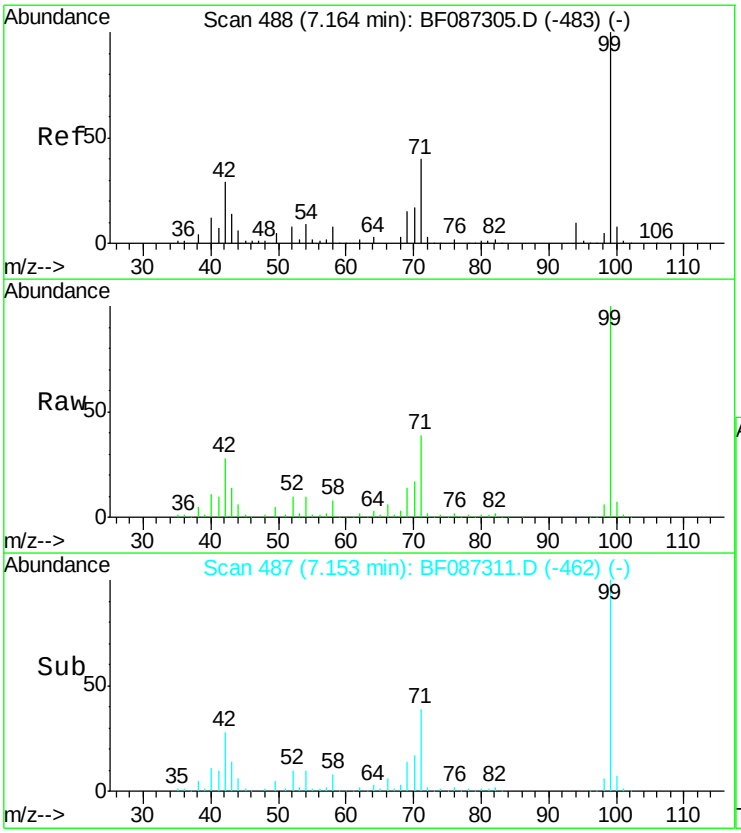
#6
Aniline
Concen: 0.02 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.06 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion: 93 Resp: 248

Ion	Ratio	Lower	Upper
93	100		
66	880.7	39.0	58.6#
65	169.1	20.6	31.0#

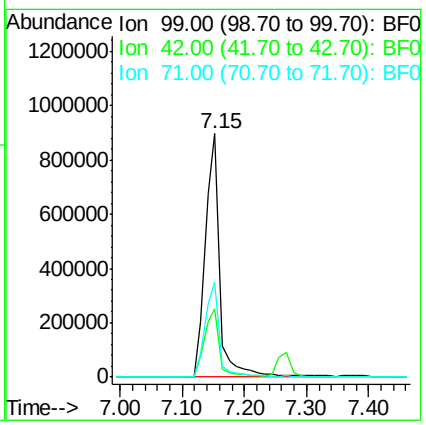


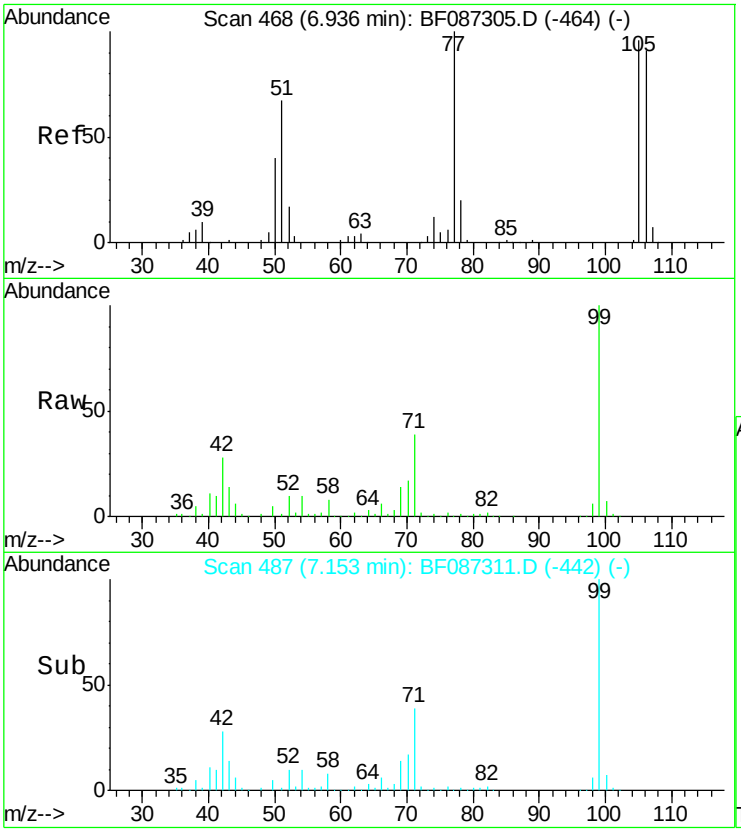


#7
Phenol-d6
Concen: 133.25 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion: 99 Resp: 1456745

Ion	Ratio	Lower	Upper
99	100		
42	28.1	13.6	20.4#
71	38.8	24.6	36.8#



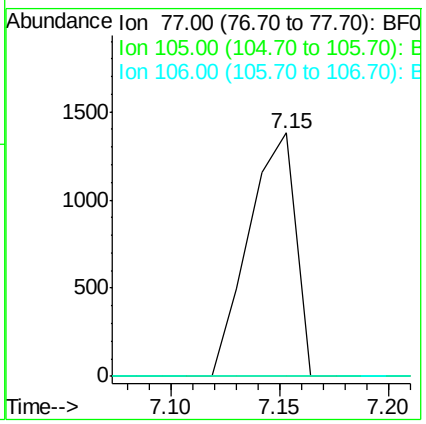


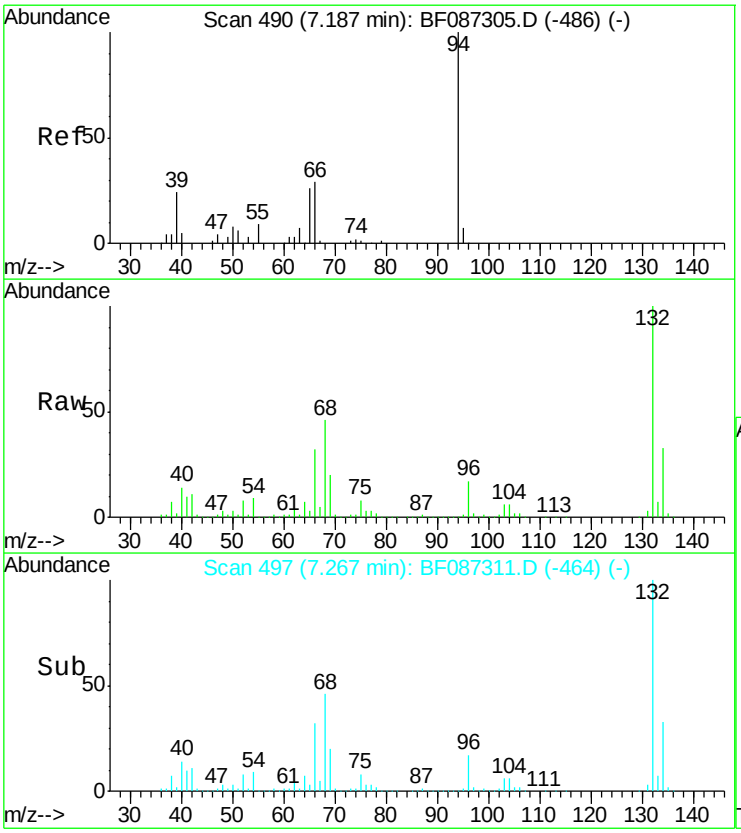
#9
Benzaldehyde
Concen: 0.34 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.22 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion: 77 Resp: 2081

Ion	Ratio	Lower	Upper
77	100		
105	0.0	72.7	112.7#
106	0.0	70.8	110.8#

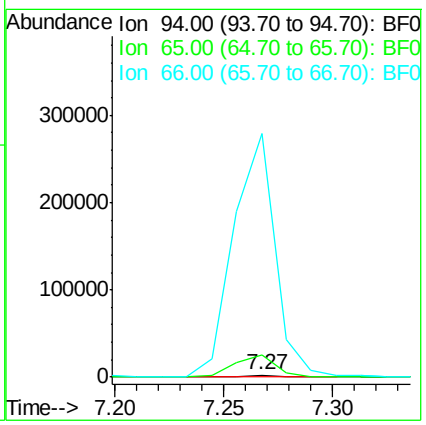


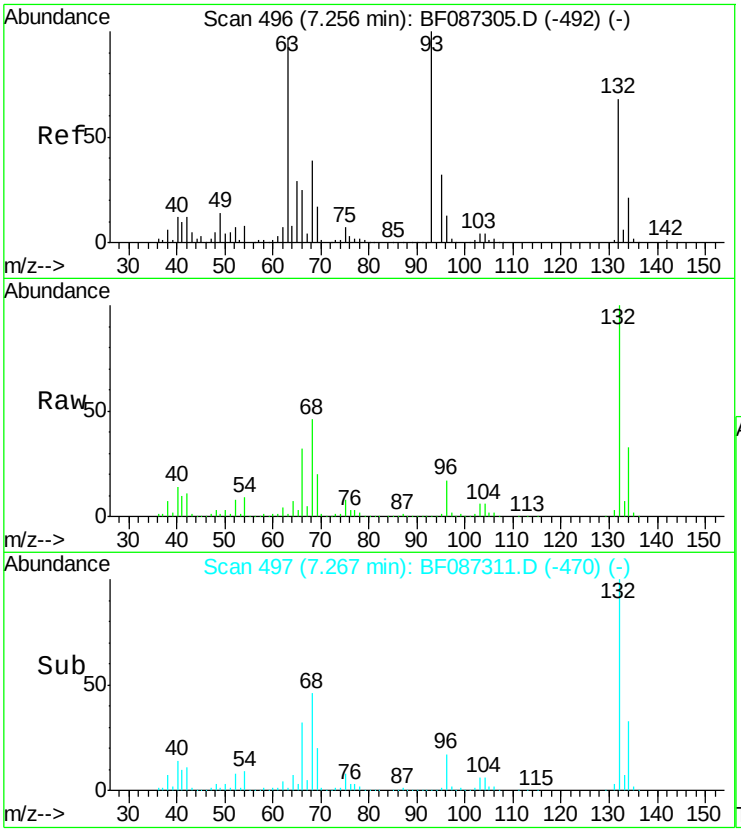


#10
Phenol
Concen: 0.21 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.08 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion: 94 Resp: 2512

Ion	Ratio	Lower	Upper
94	100		
65	1179.4	7.2	47.2#
66	13063.7	14.9	54.9#



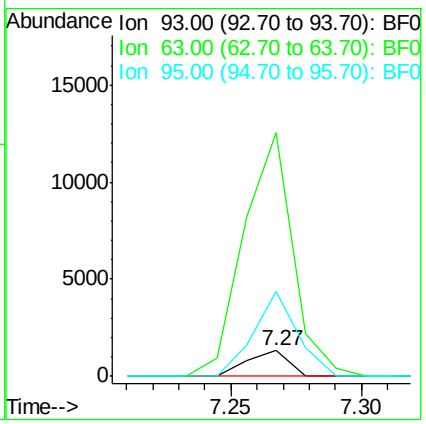


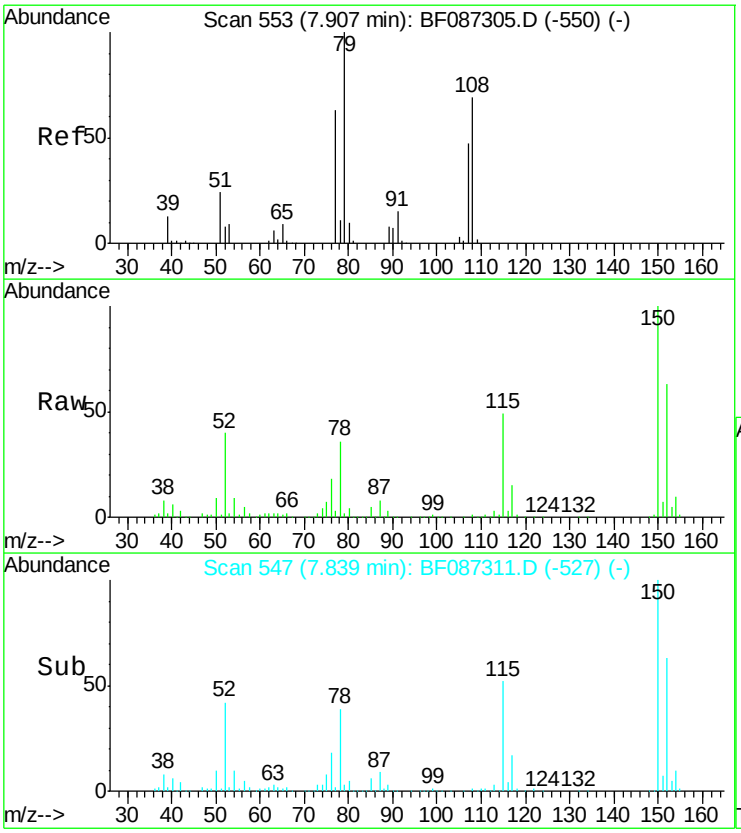
#11
bis(2-Chloroethyl)ether
Concen: 0.15 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.01 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion: 93 Resp: 1441

Ion	Ratio	Lower	Upper
93	100		
63	958.8	58.0	98.0#
95	333.9	11.9	51.9#

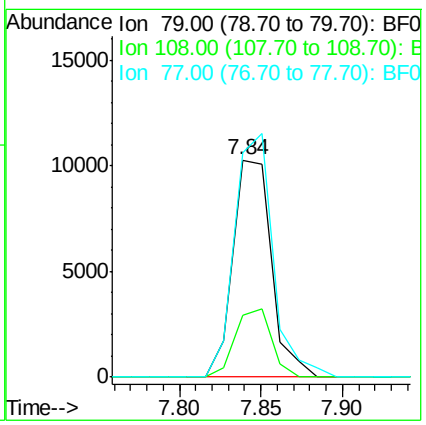


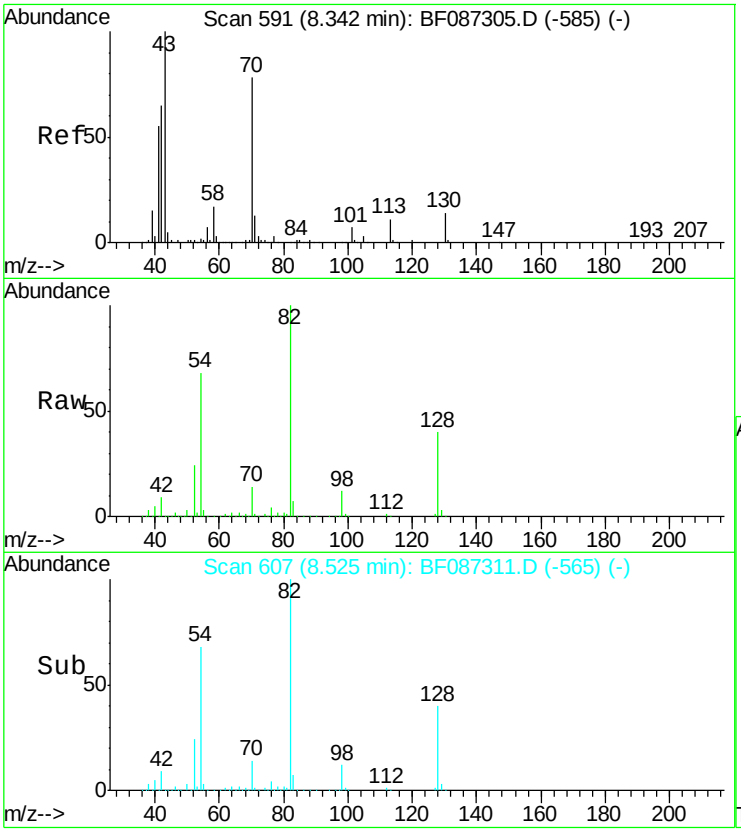


#15
Benzyl Alcohol
Concen: 2.11 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.07 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion: 79 Resp: 16808

Ion	Ratio	Lower	Upper
79	100		
108	28.5	68.4	102.6#
77	103.1	50.6	76.0#



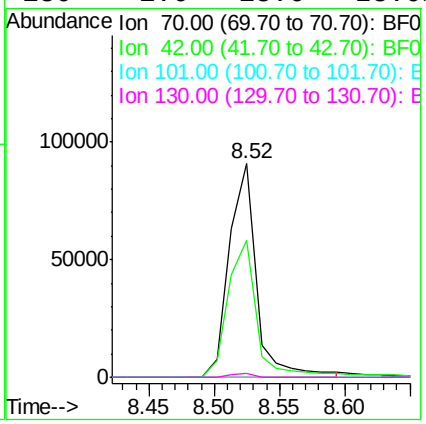


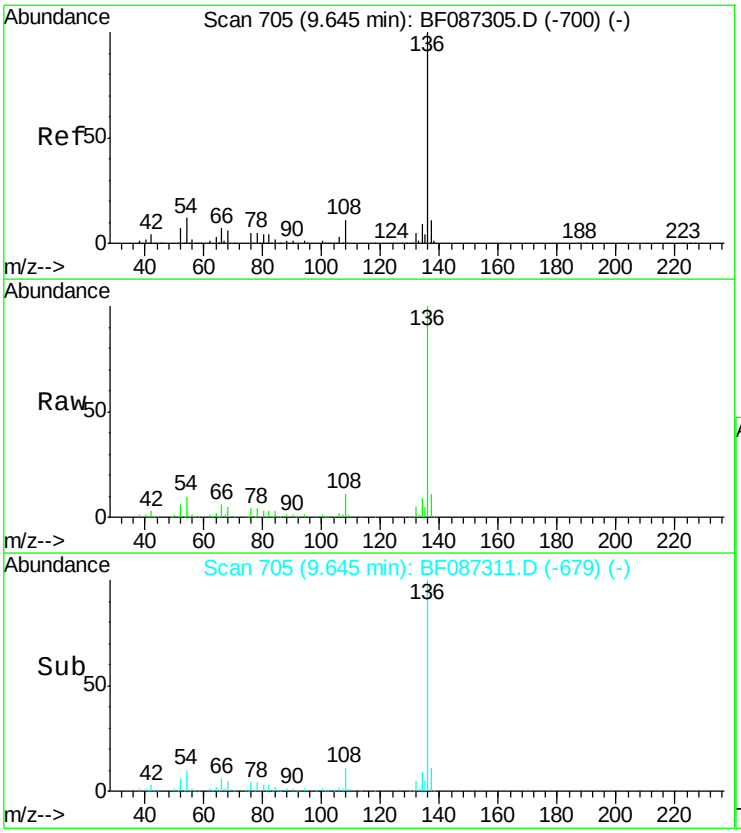
#19
n-Nitroso-di-n-propylamine
Concen: 16.14 ng
RT: 8.52 min Scan# 607
Delta R.T. 0.18 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion: 70 Resp: 131557

Ion	Ratio	Lower	Upper
70	100		
42	64.3	43.1	64.7
101	0.0	8.1	12.1#
130	1.6	18.6	28.0#

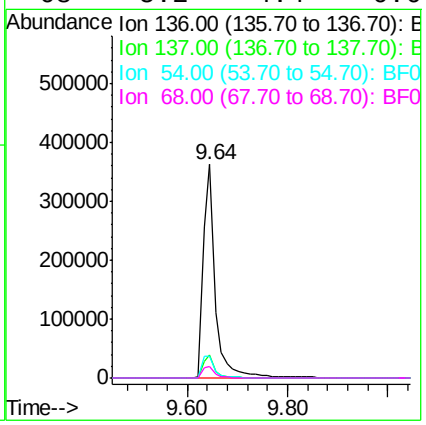


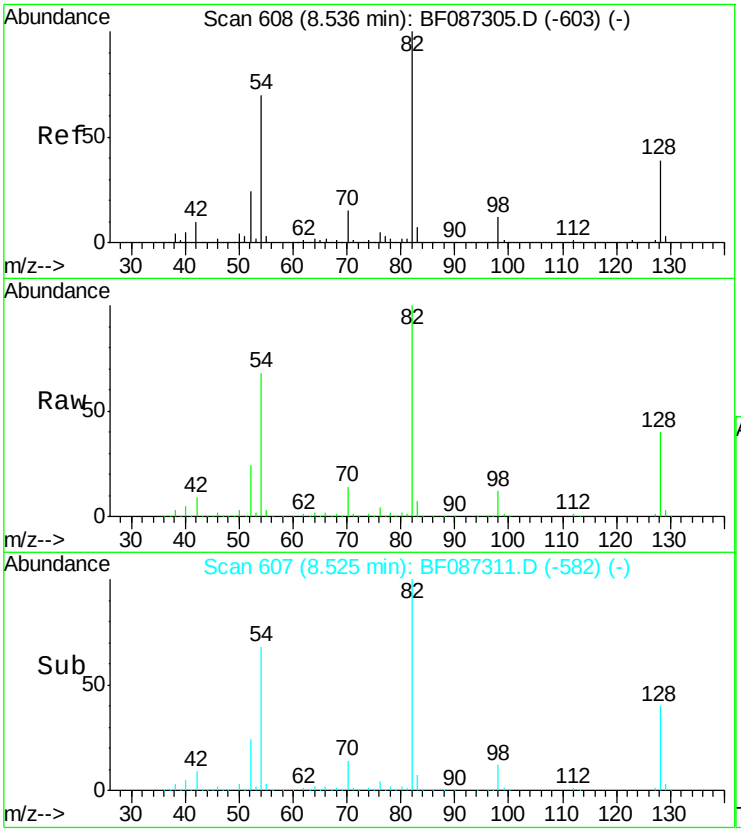


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion:136 Resp: 599504

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.3	5.0	7.4#
68	5.2	4.4	6.6



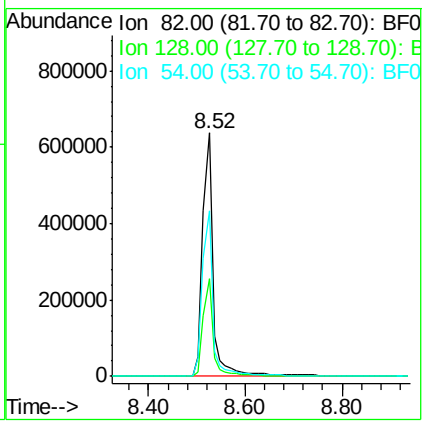


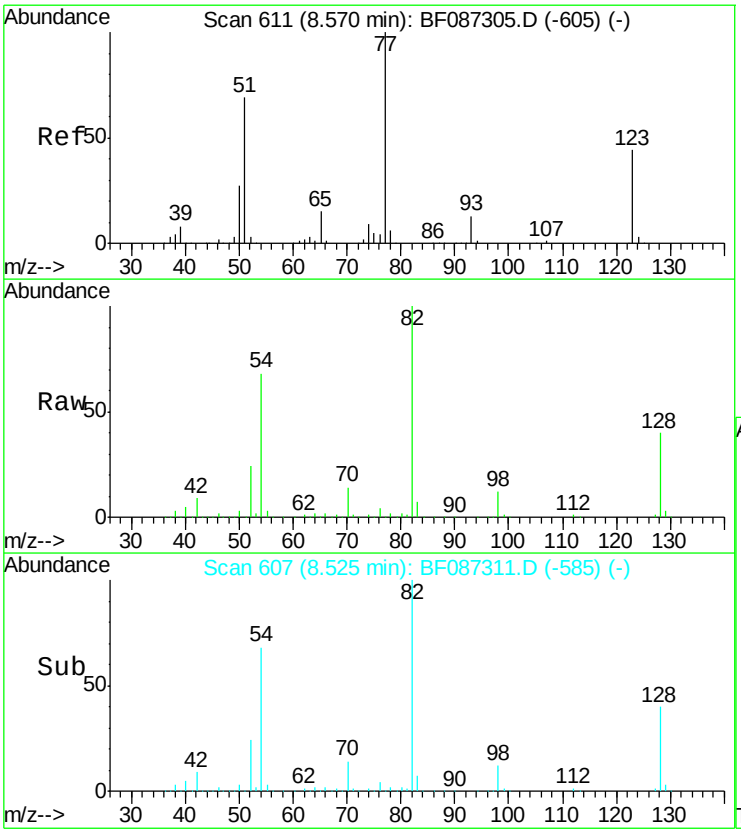
#23
Nitrobenzene-d5
Concen: 81.88 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion: 82 Resp: 974001

Ion	Ratio	Lower	Upper
82	100		
128	40.3	40.6	61.0#
54	68.1	38.1	57.1#

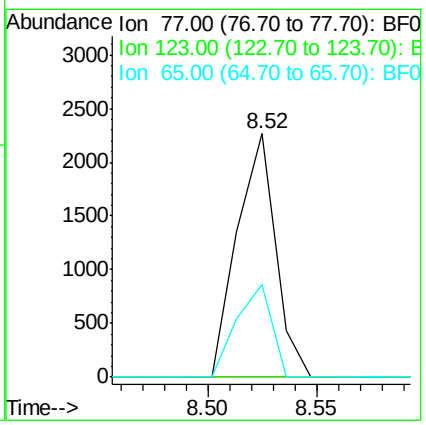


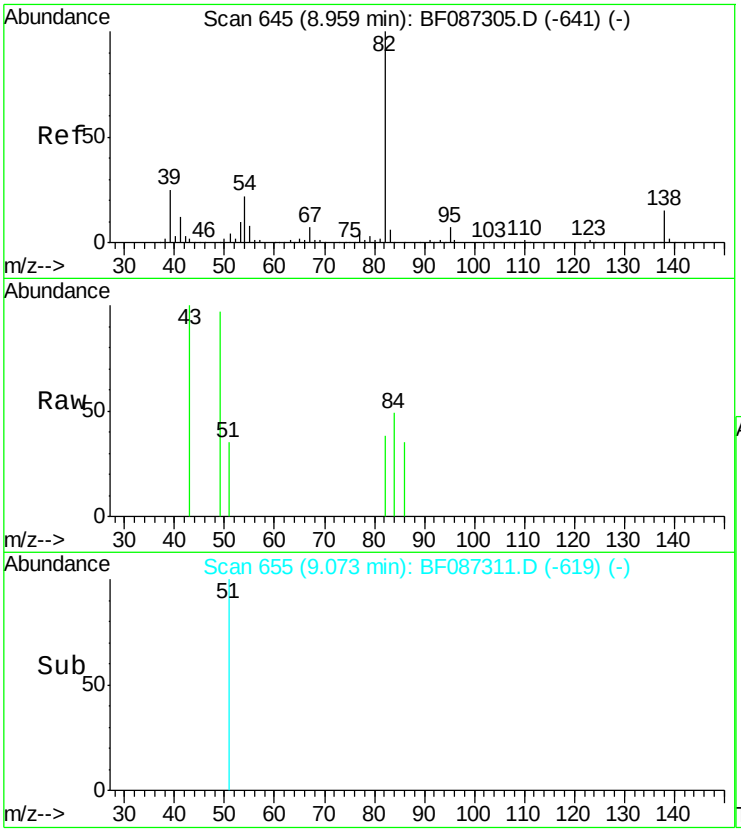


#24
Nitrobenzene
Concen: 0.22 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.05 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion: 77 Resp: 2778

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.4#
65	38.1	10.8	16.2#



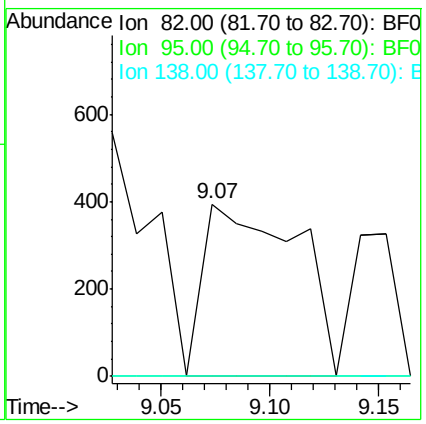


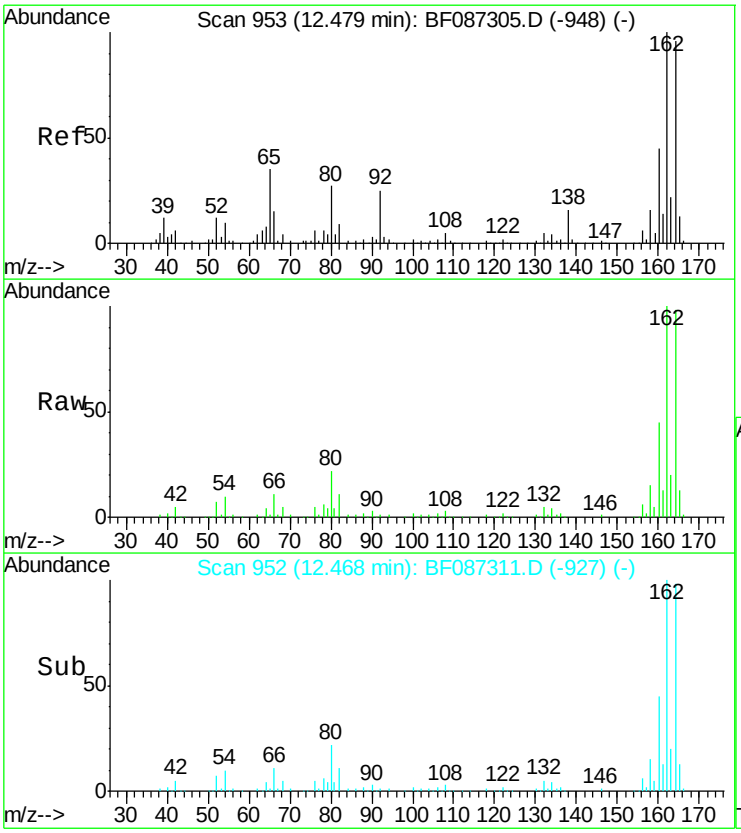
#25
Isophorone
Concen: 0.06 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.11 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion: 82 Resp: 1183

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

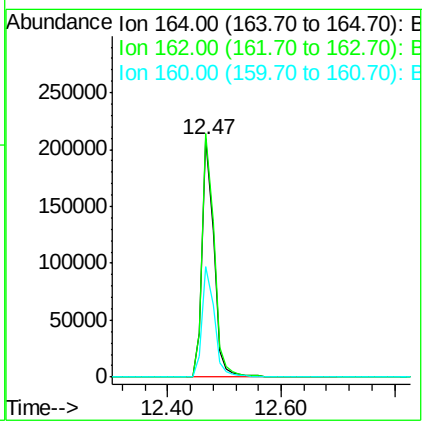


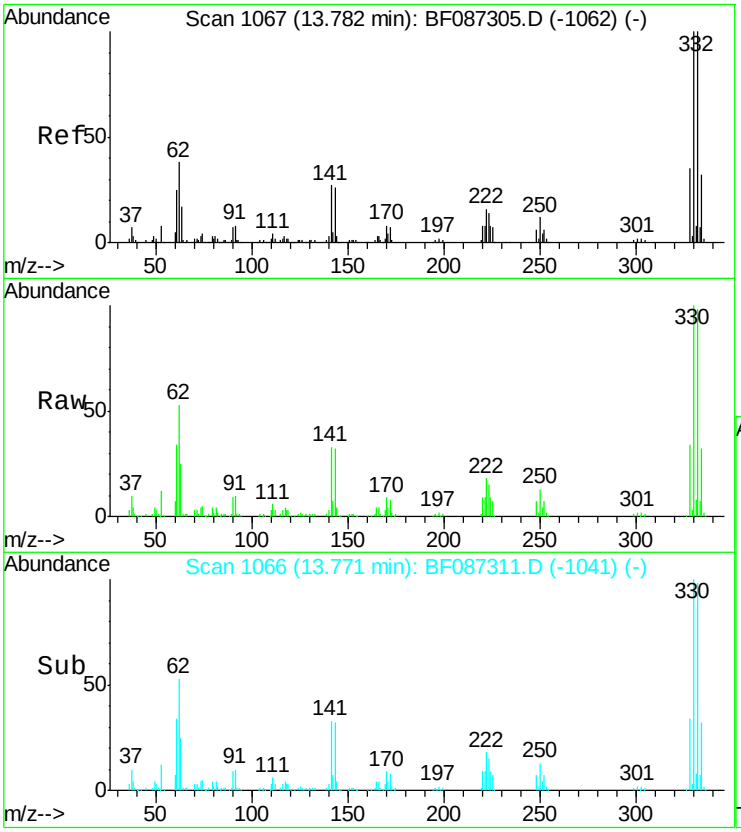


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion:164 Resp: 289636

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.8	124.2
160	46.4	36.9	55.3



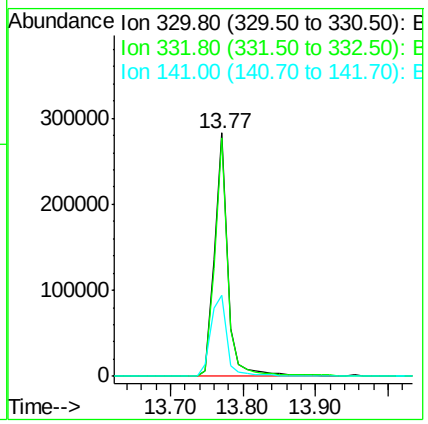


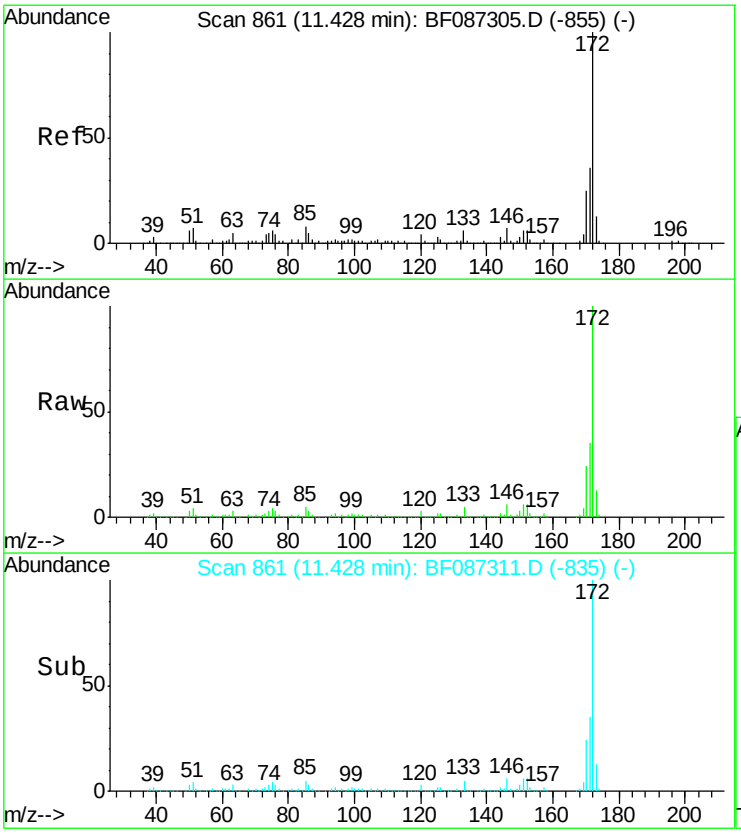
#41
2,4,6-Tribromophenol
Concen: 130.68 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion:330 Resp: 363724

Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	41.5	31.2	46.8

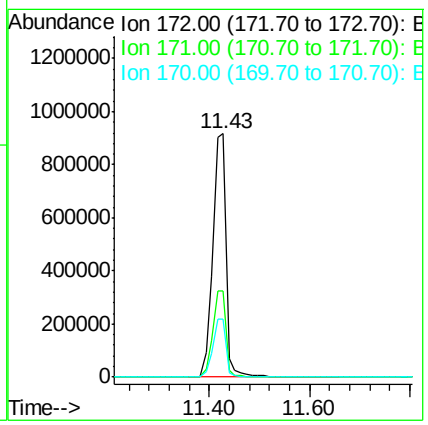


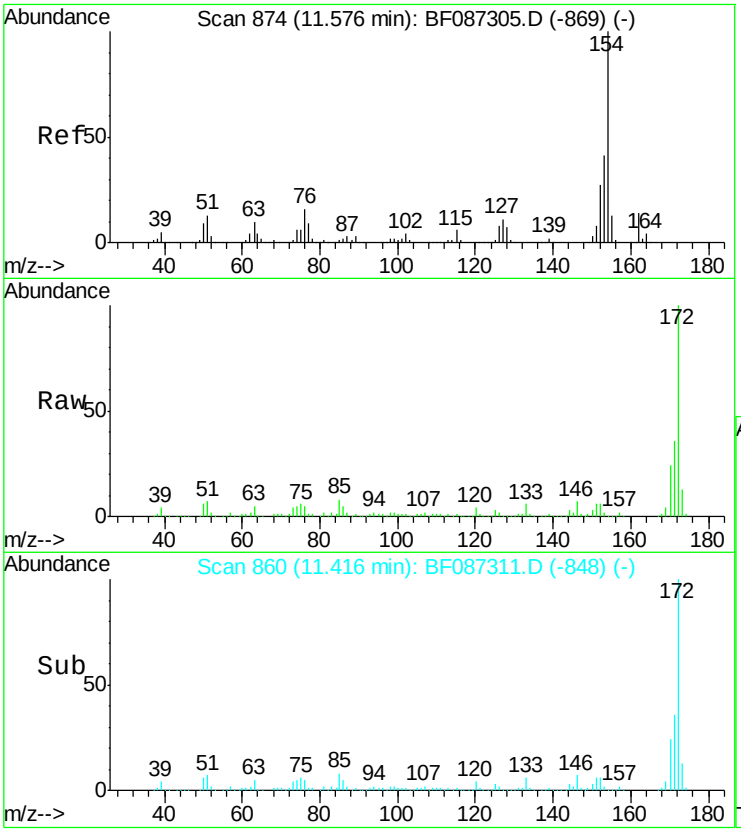


#44
2-Fluorobiphenyl
Concen: 82.03 ng
RT: 11.43 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion:172 Resp: 1685234

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	24.0	19.8	29.8



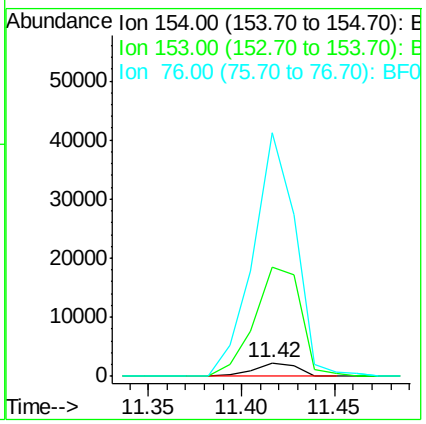


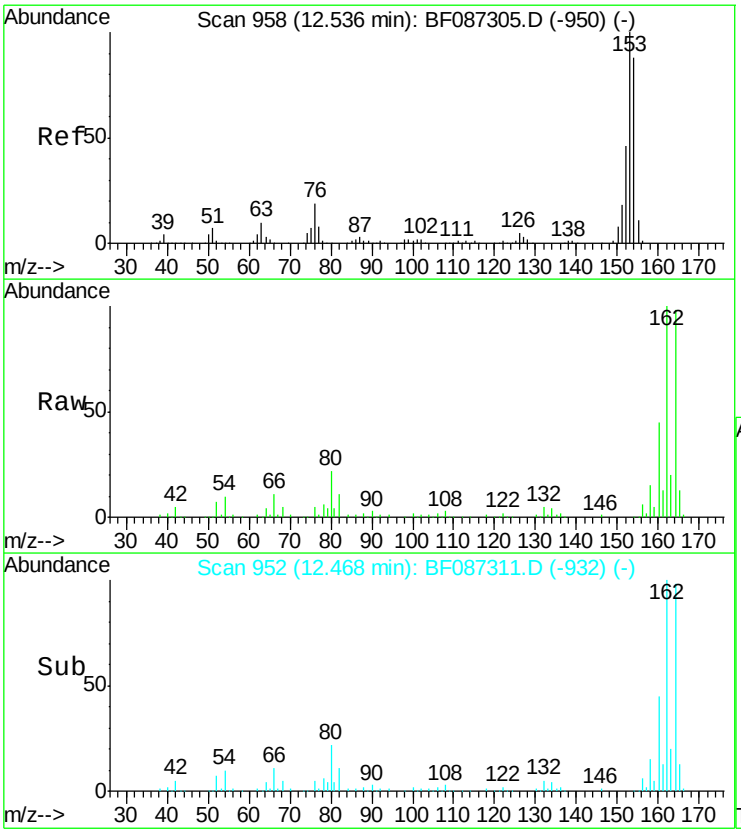
#45
1,1'-Biphenyl
Concen: 0.15 ng
RT: 11.42 min Scan# 860
Delta R.T. -0.16 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion:154 Resp: 3622

Ion	Ratio	Lower	Upper
154	100		
153	824.9	20.3	60.3#
76	1832.3	0.0	30.2#

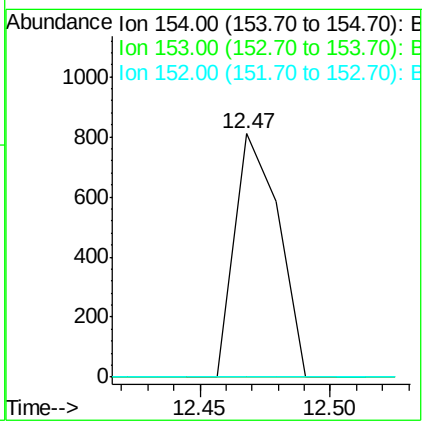


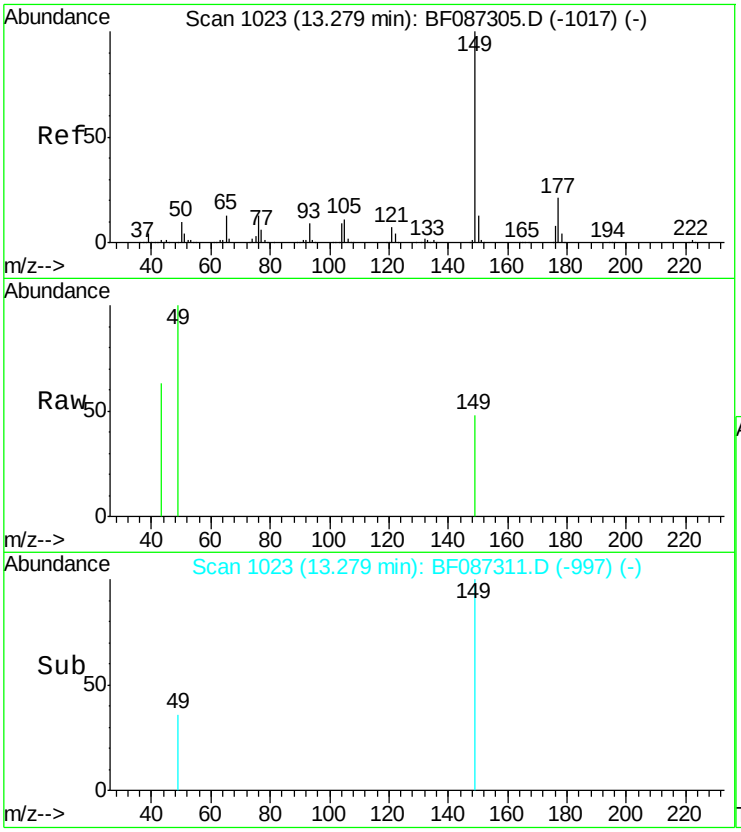


#51
Acenaphthene
Concen: 0.05 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.07 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion:154 Resp: 957

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.8	134.6#
152	0.0	43.4	65.0#



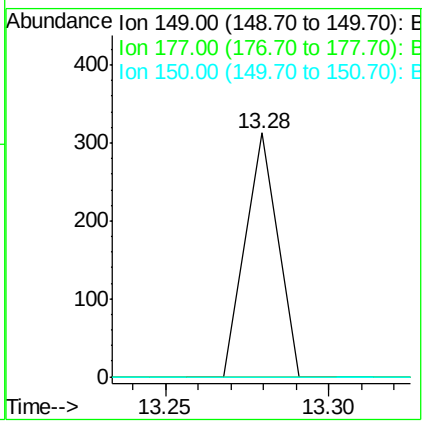


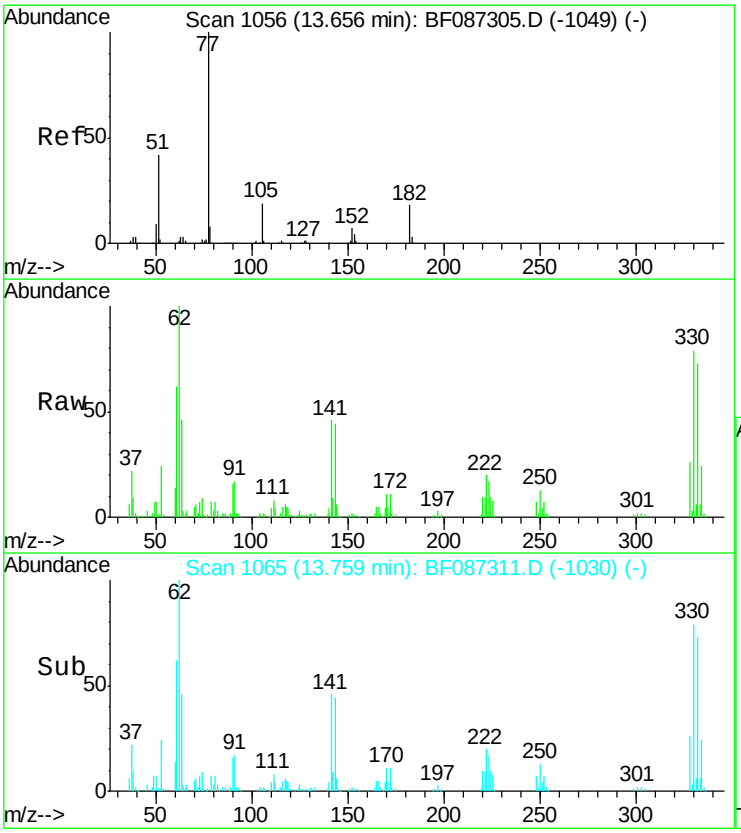
#59
Diethylphthalate
Concen: 0.01 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument : BNA_F
ClientSampleId : PB90743BL

Tgt Ion:149 Resp: 215

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.6	24.8#
150	0.0	10.0	15.0#

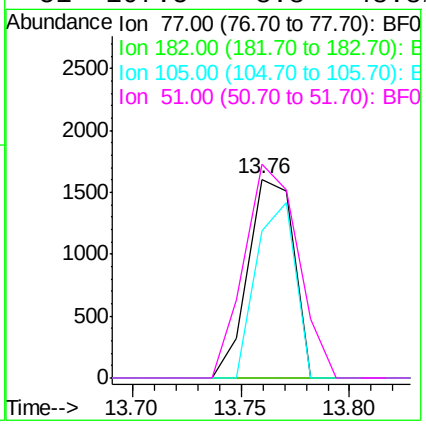


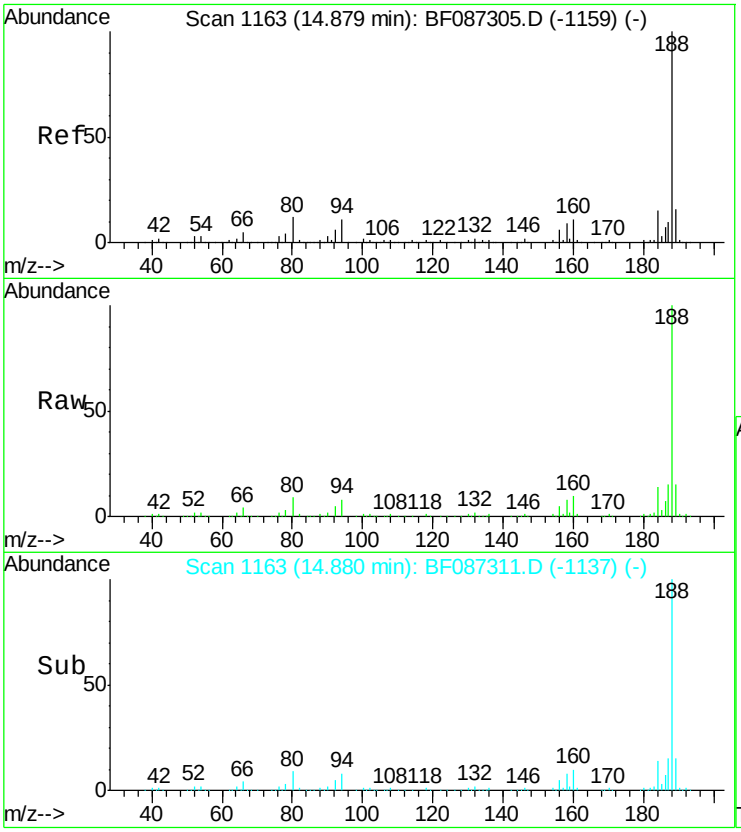


#62
Azobenzene
Concen: 0.10 ng
RT: 13.76 min Scan# 1065
Delta R.T. 0.10 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion: 77 Resp: 2353

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	38.8
105	74.1	3.2	43.2#
51	107.5	8.8	48.8#



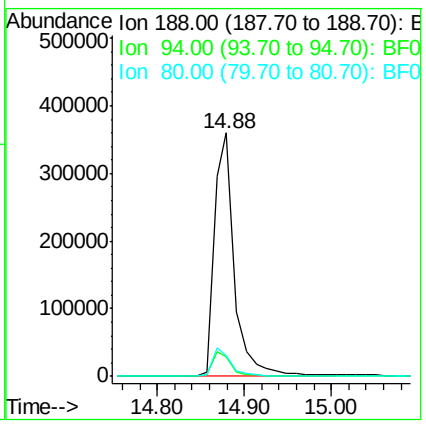


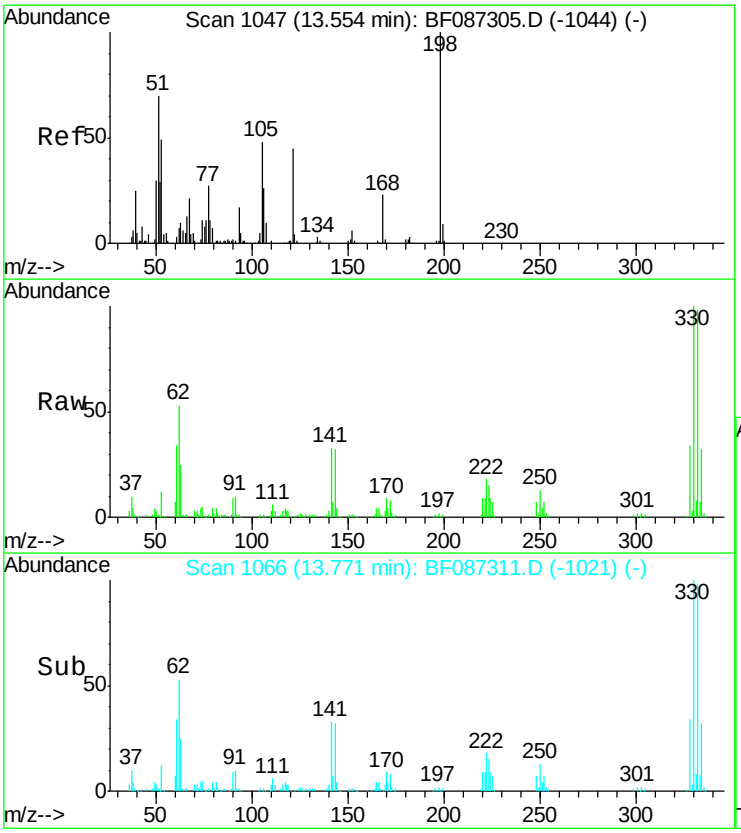
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion:188 Resp: 581030

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	8.6	7.1	10.7

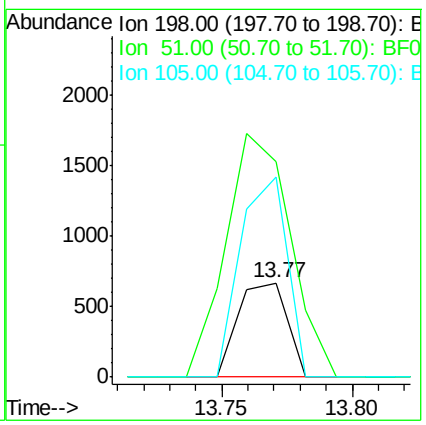


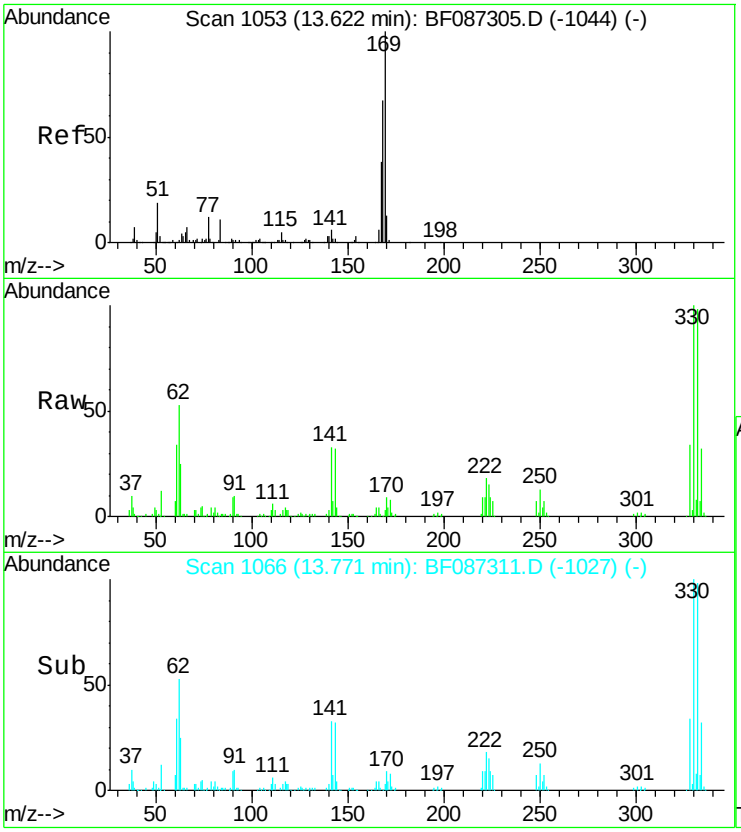


#64
4,6-Dinitro-2-methylphenol
Concen: 0.24 ng
RT: 13.77 min Scan# 1066
Delta R.T. 0.22 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion:198 Resp: 885

Ion	Ratio	Lower	Upper
198	100		
51	227.5	20.5	60.5#
105	211.4	24.5	64.5#



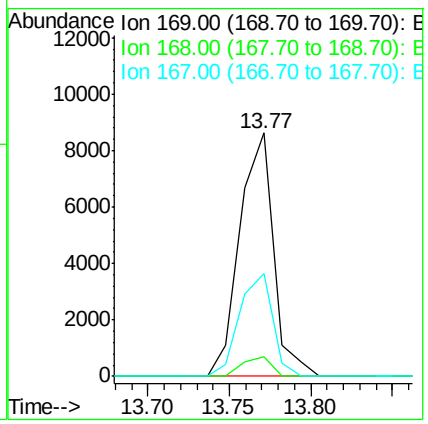


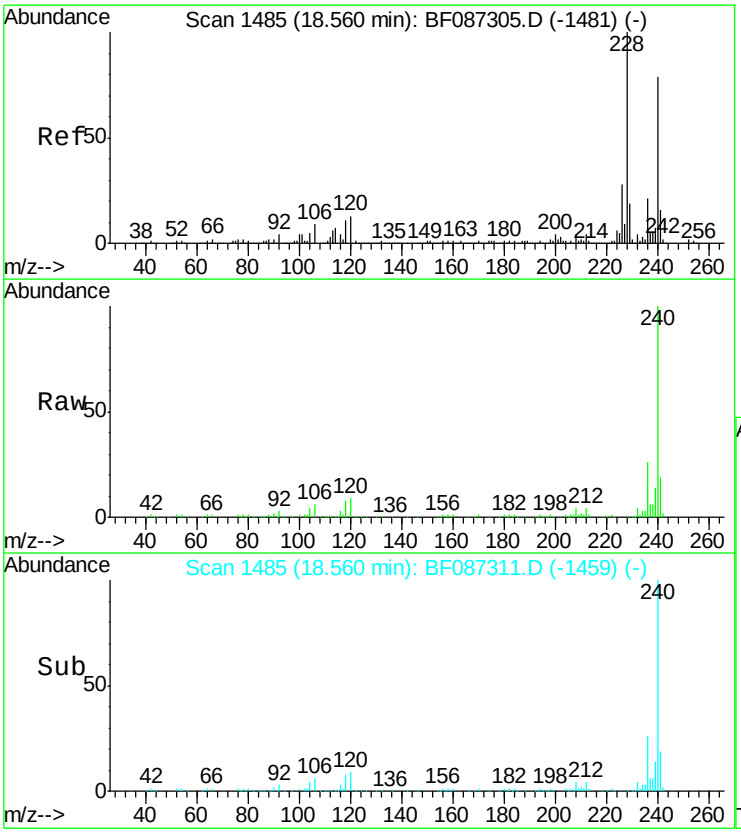
#65
n-Nitrosodiphenylamine
Concen: 0.66 ng
RT: 13.77 min Scan# 1066
Delta R.T. 0.15 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion:169 Resp: 12363

Ion	Ratio	Lower	Upper
169	100		
168	8.2	53.8	80.6#
167	42.3	29.5	44.3

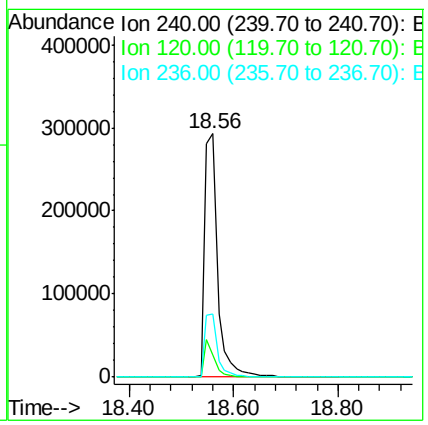


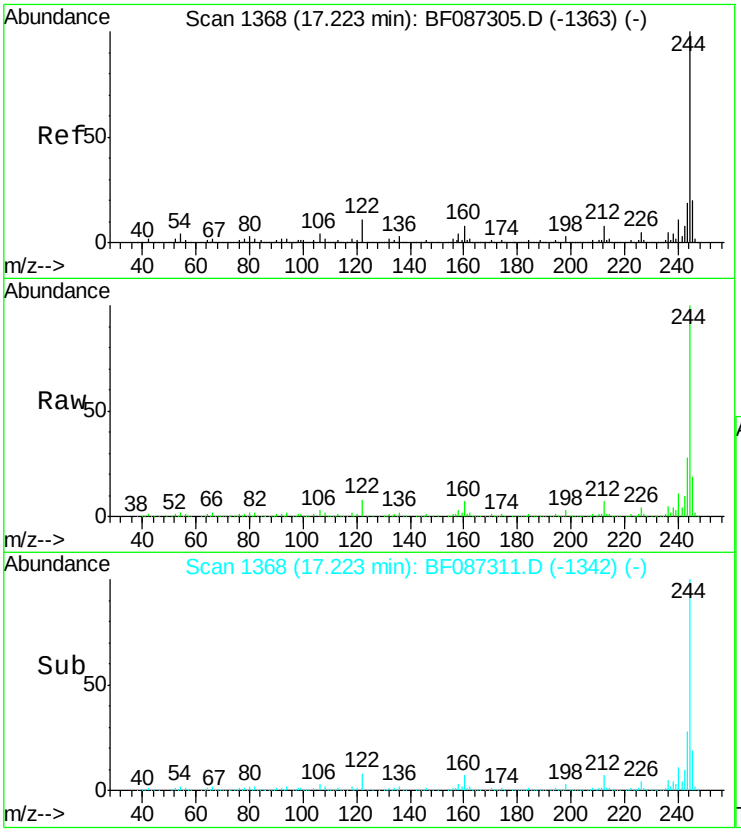


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.56 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion:240 Resp: 505603

Ion	Ratio	Lower	Upper
240	100		
120	9.2	11.2	16.8#
236	26.2	21.2	31.8



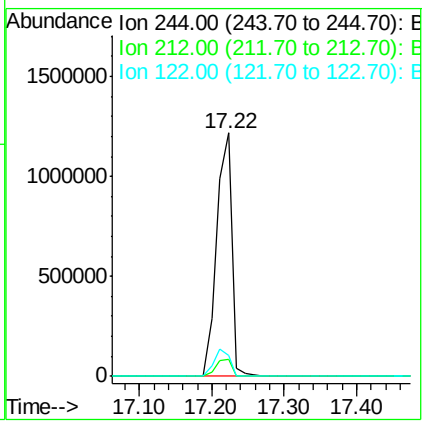


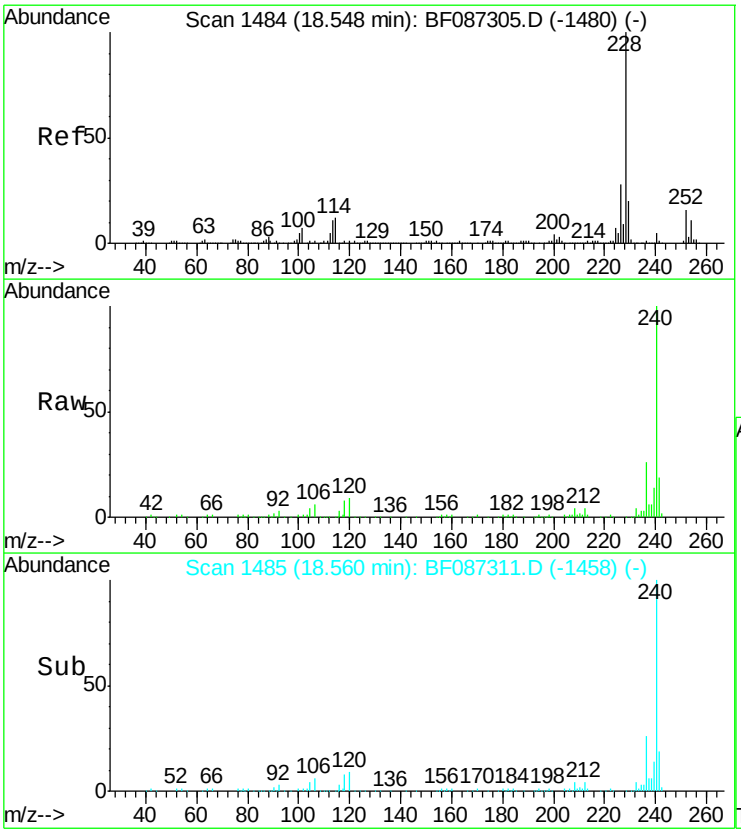
#78
Terphenyl-d14
Concen: 74.50 ng
RT: 17.22 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion:244 Resp: 1771861

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	8.5	12.0	18.0#

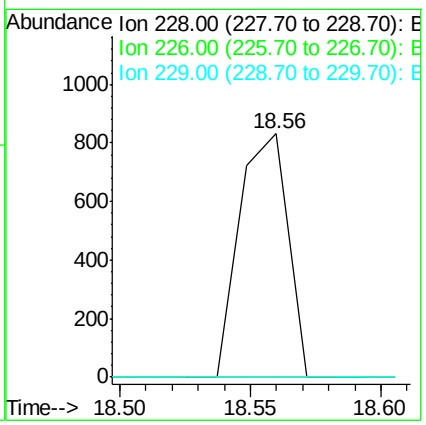


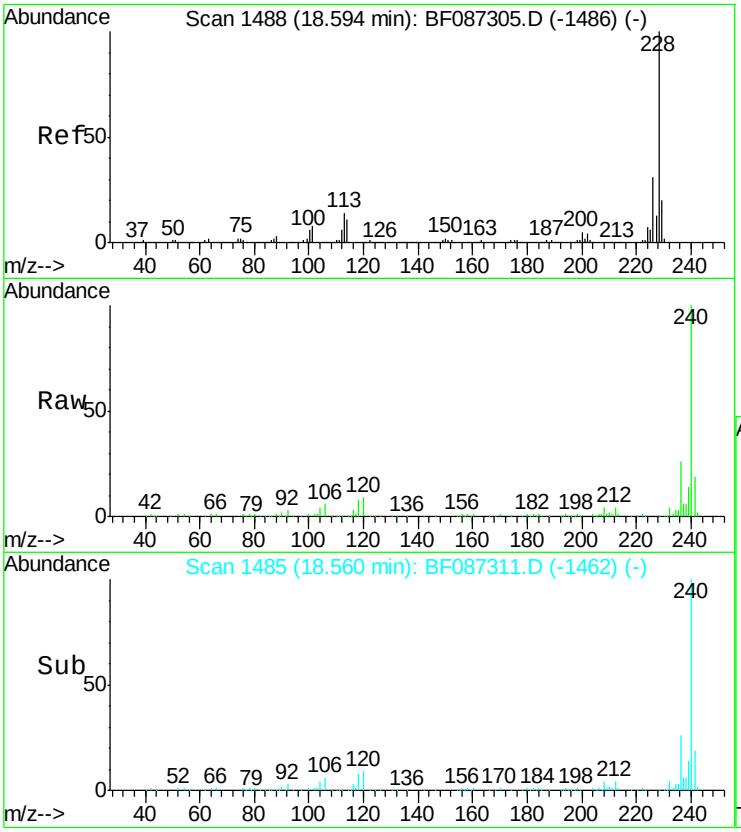


#80
Benzo(a)anthracene
Concen: 0.04 ng
RT: 18.56 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion:228 Resp: 1065

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.5	33.7#
229	0.0	16.6	25.0#



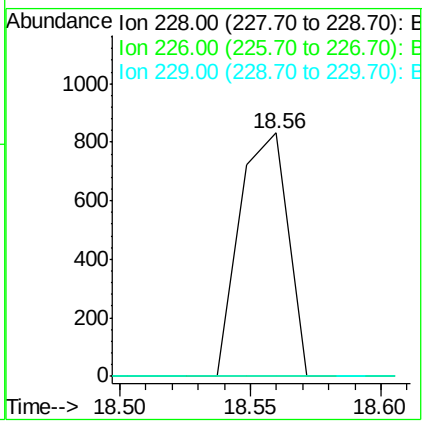


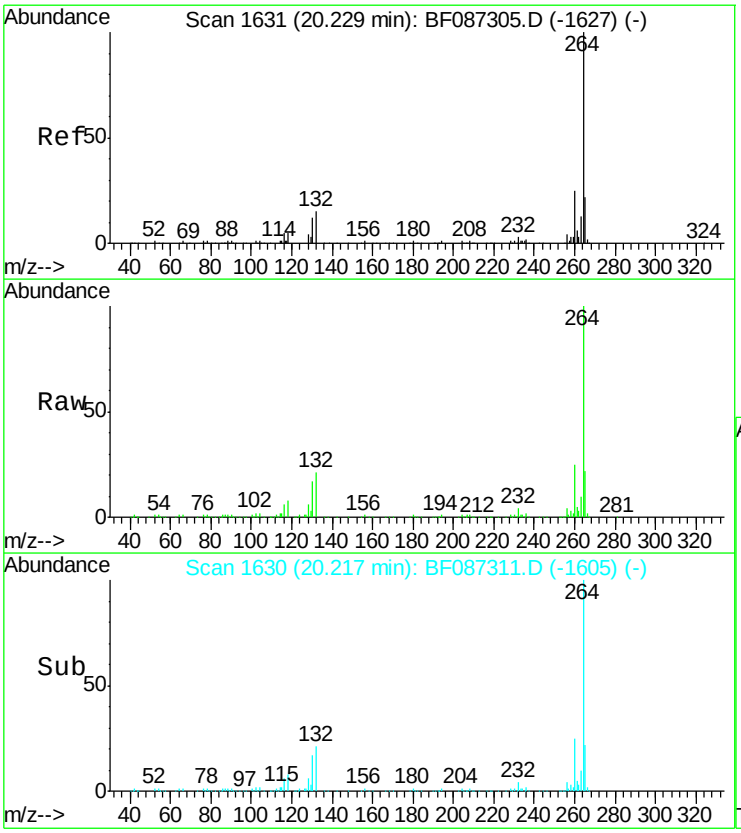
#82
Chrysene
Concen: 0.04 ng
RT: 18.56 min Scan# 1485
Delta R.T. -0.03 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion:228 Resp: 1065

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.4	36.6#
229	0.0	15.8	23.8#

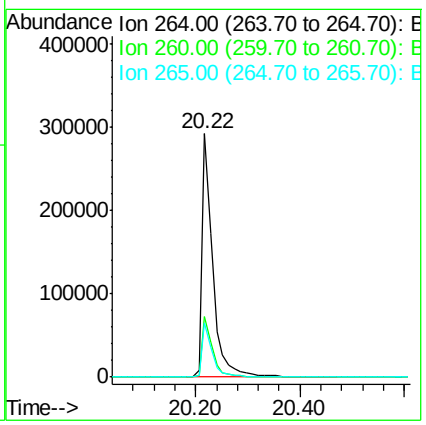


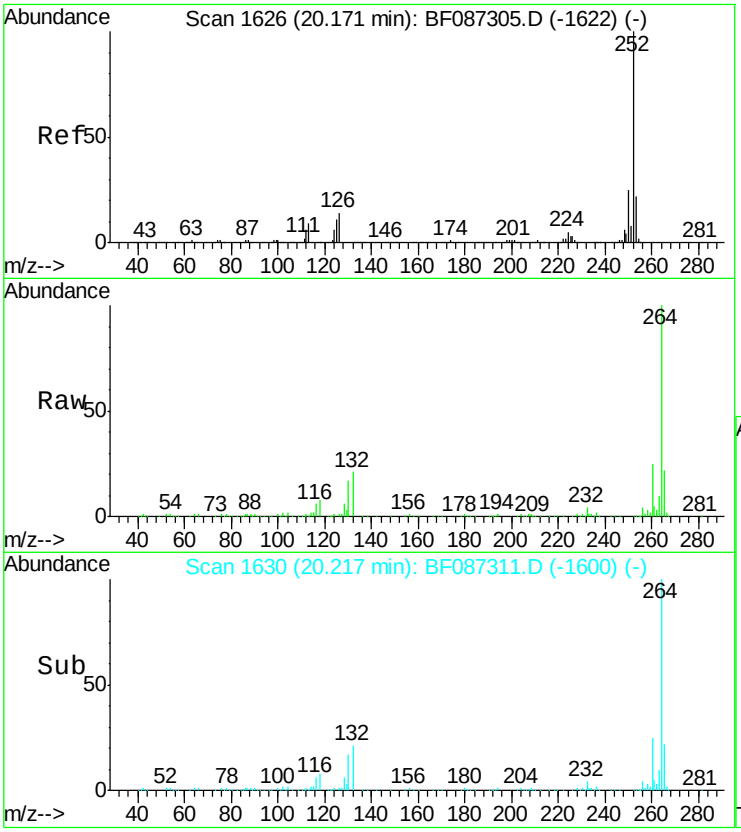


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.22 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion:264 Resp: 412900

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.2	17.3	25.9





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 20.22 min Scan# 1630
Delta R.T. 0.05 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion:252 Resp: 1186

Ion	Ratio	Lower	Upper
252	100		
253	36.7	17.2	25.8#
125	0.0	9.0	13.6#