Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087317.D
Acq On : 24 May 2016 00:32
Operator : UM/SJ
Sample : PB90819BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90819BL

Quant Time: May 24 01:58:12 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	127147	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	527593	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	252372	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	512429	20.00	ng	0.00
75) Chrysene-d12	18.56	240	430553	20.00	ng	0.00
86) Perylene-d12	20.22	264	340160	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	916745	126.69	ng	0.01
7) Phenol-d6	7.14	99	1229414	125.74	ng	-0.02
23) Nitrobenzene-d5	8.52	82	833311	79.60	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	308270	127.11	ng	-0.01
44) 2-Fluorobiphenyl	11.42	172	1421873	79.43	ng	-0.01
78) Terphenyl-d14	17.21	244	1479398	73.05	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	1.68	88	37096	9.72	ng	# 22
4) n-Nitrosodimethylamine	2.60	42	128	0.02	ng	# 1
6) Aniline	7.18	93	238	0.02	ng	# 1
9) Benzaldehyde	7.14	77	1602	0.30	ng	# 4
10) Phenol	7.27	94	2108	0.20	ng	# 1
11) bis(2-Chloroethyl)ether	7.27	93	1226	0.14	ng	# 1
15) Benzyl Alcohol	7.84	79	14451	2.03	ng	# 44
19) n-Nitroso-di-n-propylamine	8.52	70	110565	15.16	ng	# 78
24) Nitrobenzene	8.52	77	2291	0.21	ng	# 38
25) Isophorone	9.15	82	237	0.01	ng	# 68
45) 1,1'-Biphenyl	11.42	154	2769	0.13	ng	# 1
51) Acenaphthene	12.47	154	748	0.05	ng	# 5
62) Azobenzene	13.76	77	1685	0.08	ng	# 1
64) 4,6-Dinitro-2-methylphenol	13.77	198	729	0.22	ng	# 1
65) n-Nitrosodiphenylamine	13.76	169	10337	0.62	ng	# 50
77) Pyrene	17.21	202	5171	0.17	ng	# 72
80) Benzo(a)anthracene	18.56	228	745	0.03	ng	# 50
82) Chrysene	18.56	228	745	0.03	ng	# 49
89) Benzo(a)pyrene	20.22	252	911	0.05	ng	# 60

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087317.D
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Misc :
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Instrument : BNA_F
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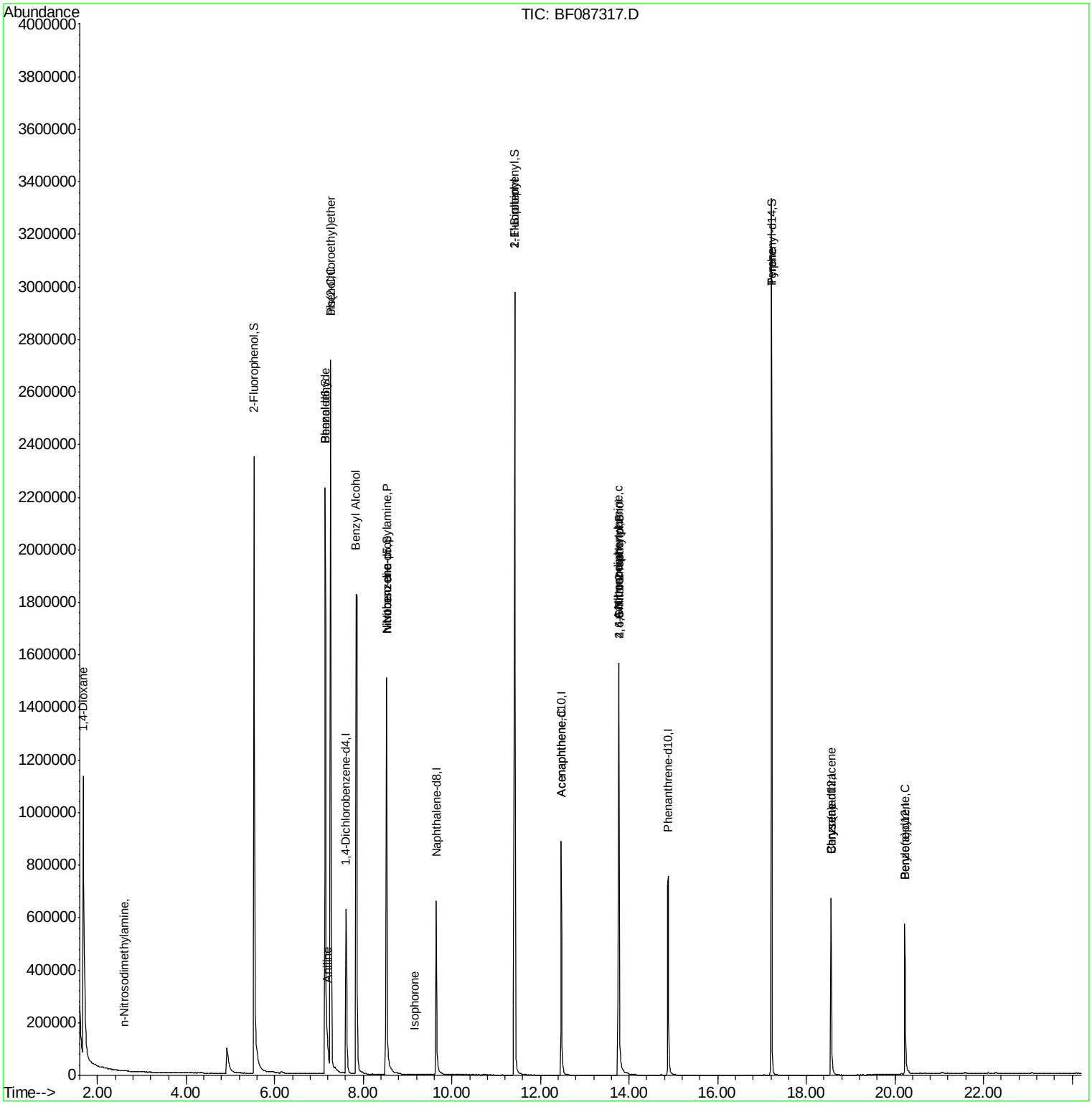
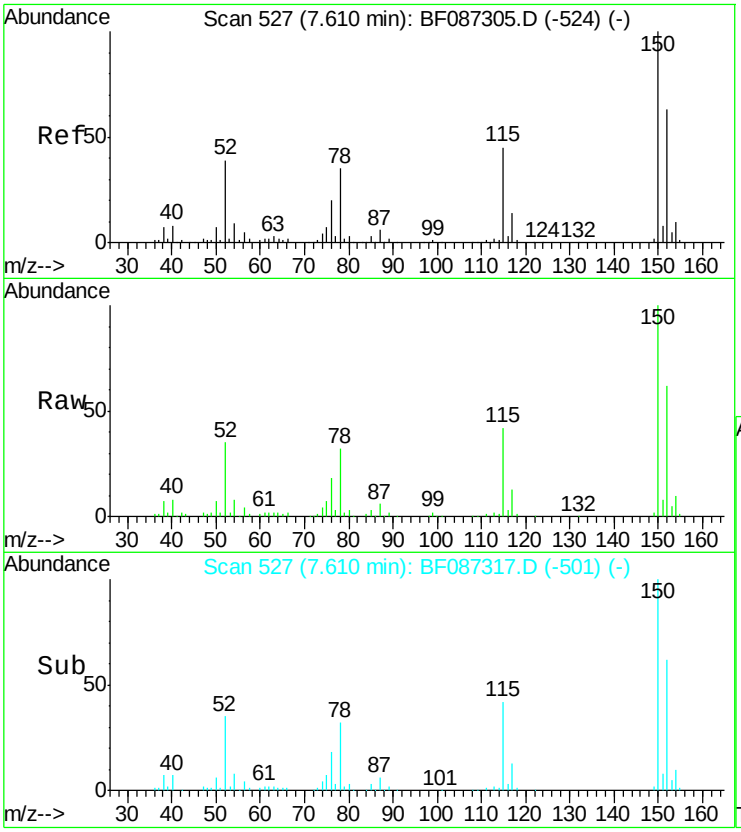


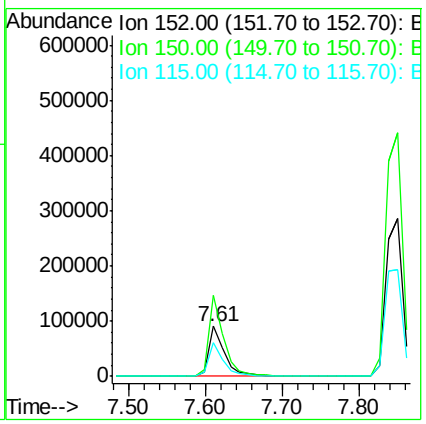


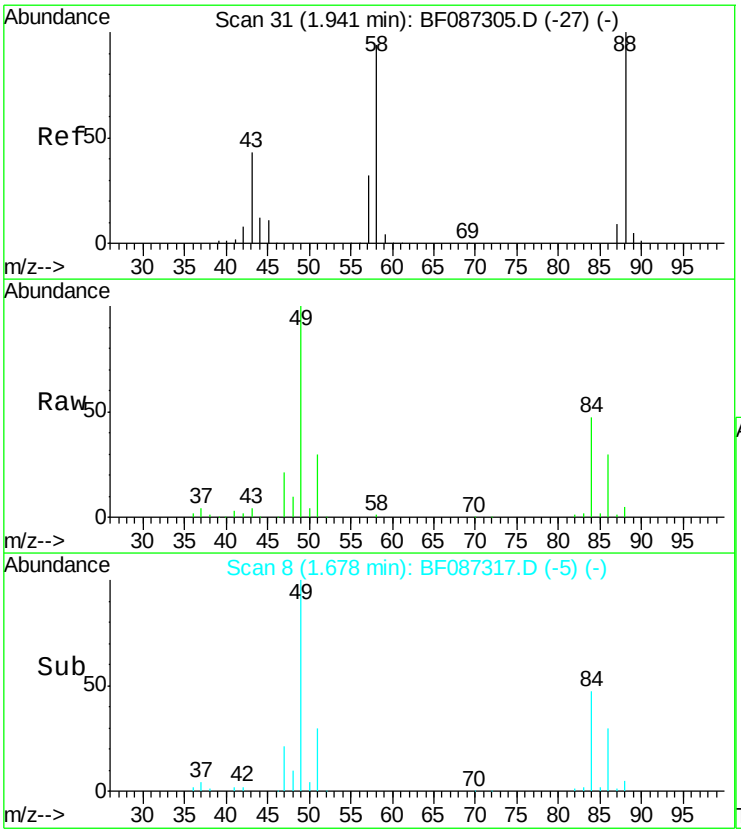
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion:152 Resp: 127147

Ion	Ratio	Lower	Upper
152	100		
150	161.4	125.8	188.6
115	67.9	51.5	77.3

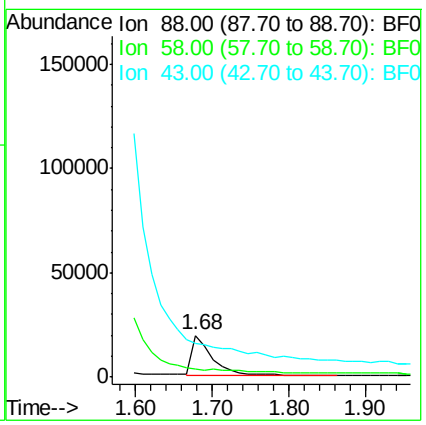


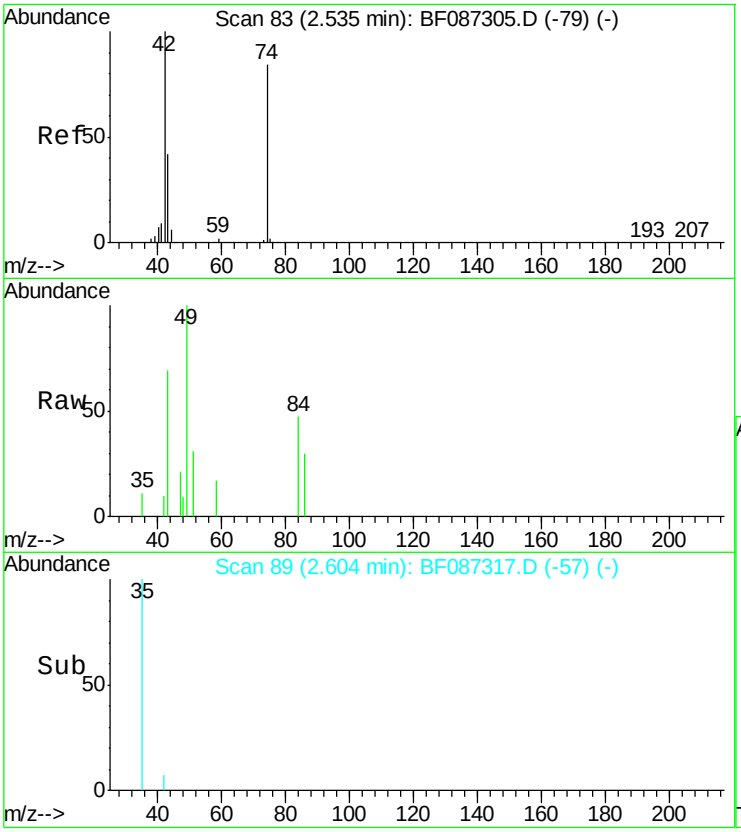


#2
1,4-Dioxane
Concen: 9.72 ng
RT: 1.68 min Scan# 8
Delta R.T. -0.26 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Tgt Ion: 88 Resp: 37096

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



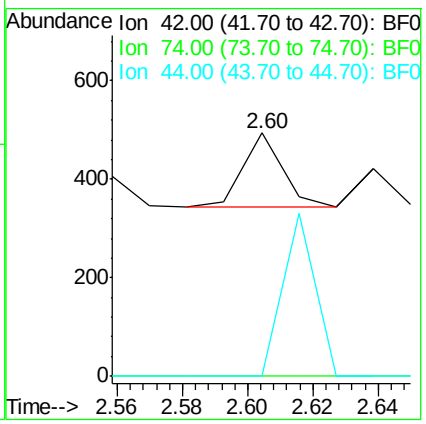


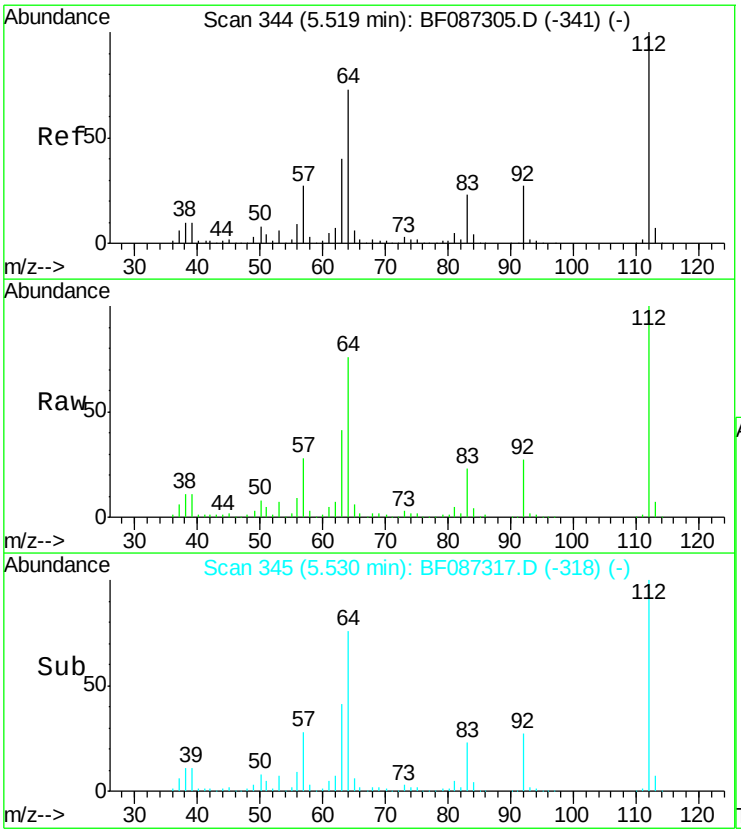
#4
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 2.60 min Scan# 89
Delta R.T. 0.07 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion: 42 Resp: 128

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

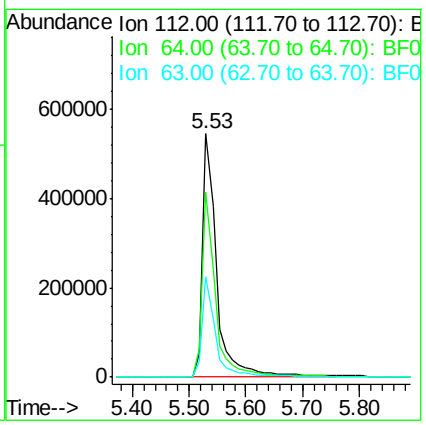


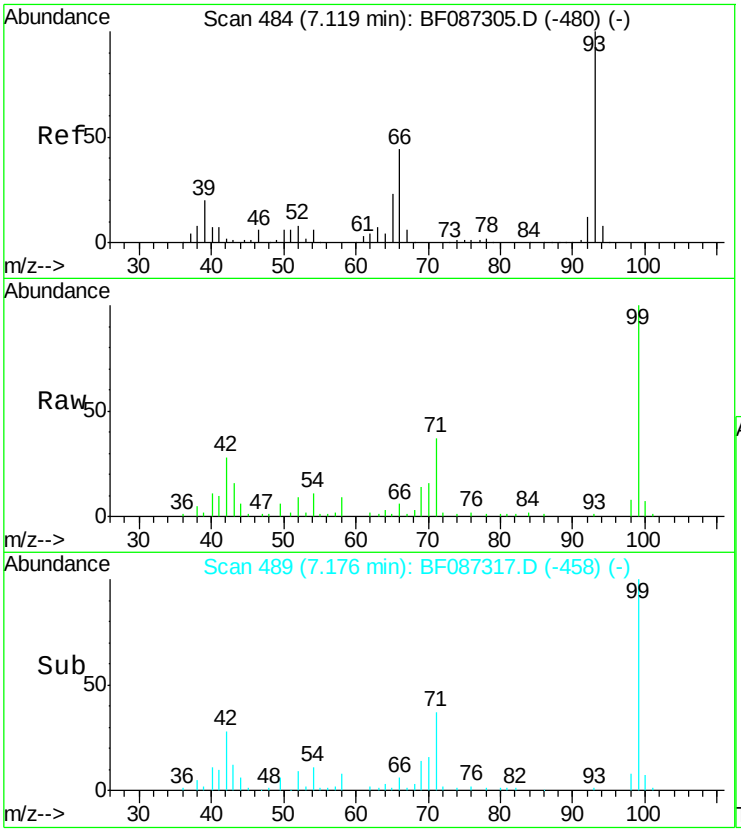


#5
2-Fluorophenol
Concen: 126.69 ng
RT: 5.53 min Scan# 345
Delta R.T. 0.01 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Tgt Ion:112 Resp: 916745

Ion	Ratio	Lower	Upper
112	100		
64	75.8	52.1	78.1
63	41.4	25.7	38.5#



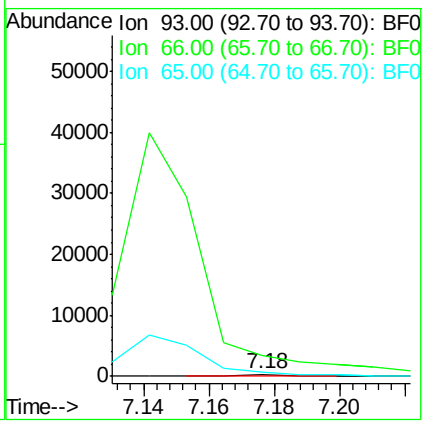


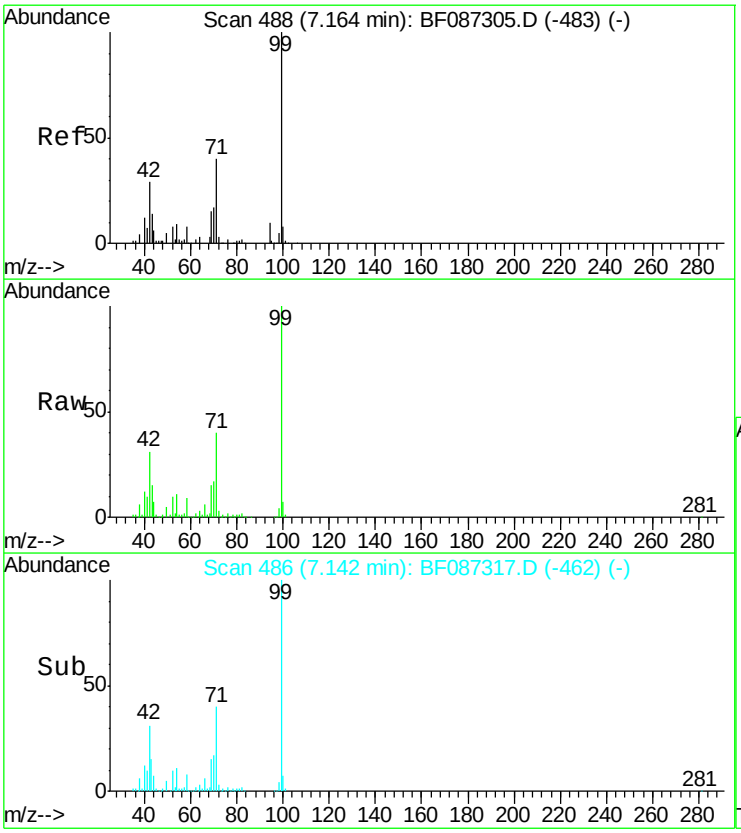
#6
Aniline
Concen: 0.02 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.06 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion: 93 Resp: 238

Ion	Ratio	Lower	Upper
93	100		
66	981.3	39.0	58.6#
65	171.5	20.6	31.0#

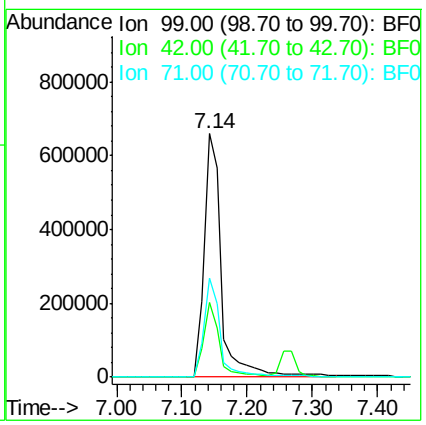


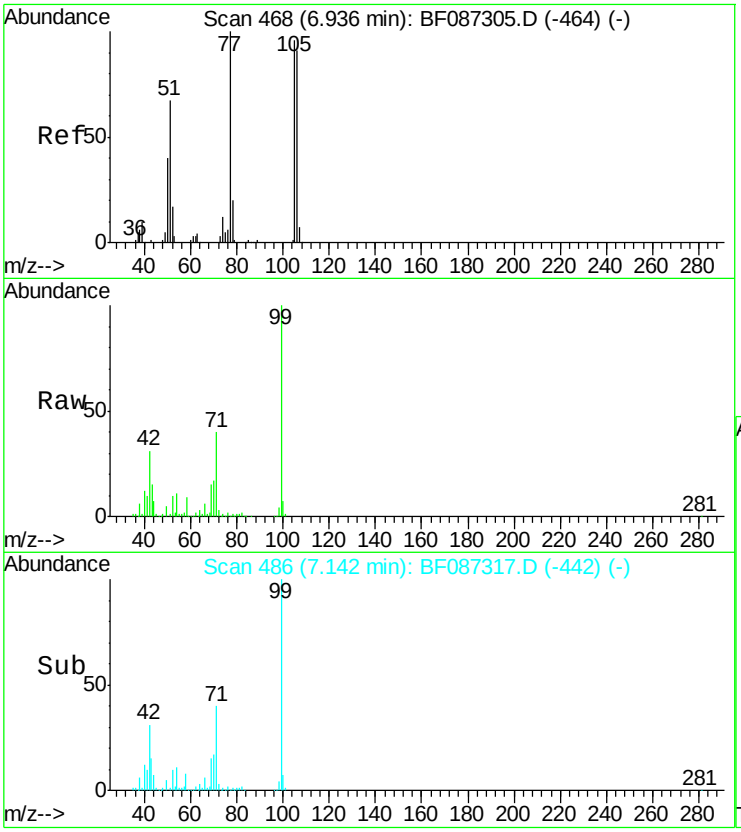


#7
Phenol-d6
Concen: 125.74 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.02 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Tgt Ion: 99 Resp: 1229414

Ion	Ratio	Lower	Upper
99	100		
42	30.7	13.6	20.4#
71	40.4	24.6	36.8#



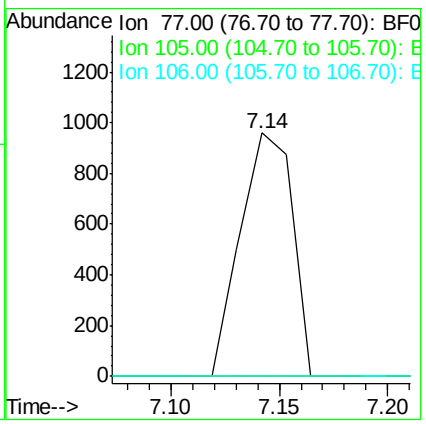


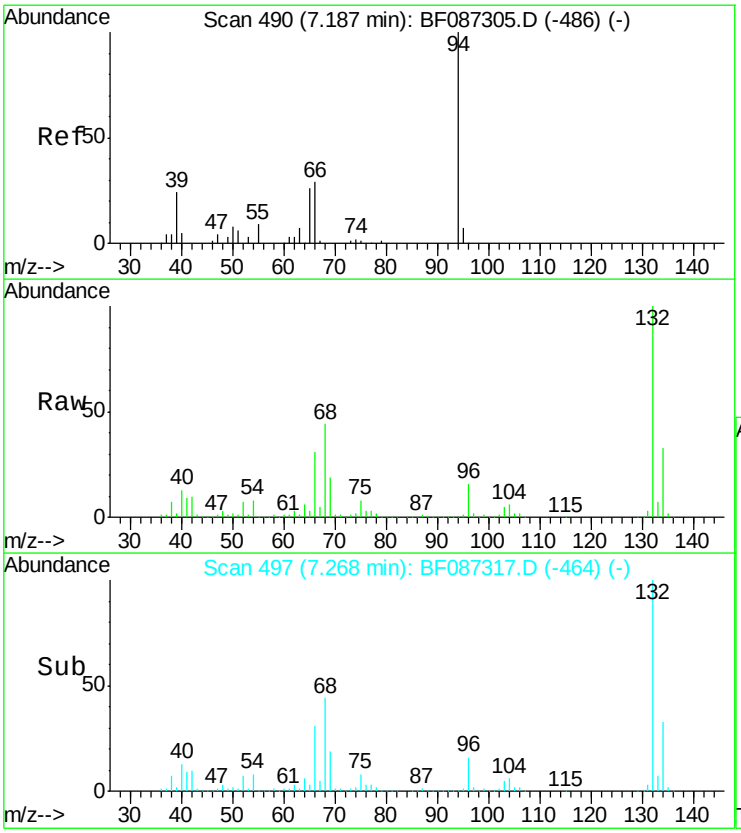
#9
Benzaldehyde
Concen: 0.30 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.21 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion: 77 Resp: 1602

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

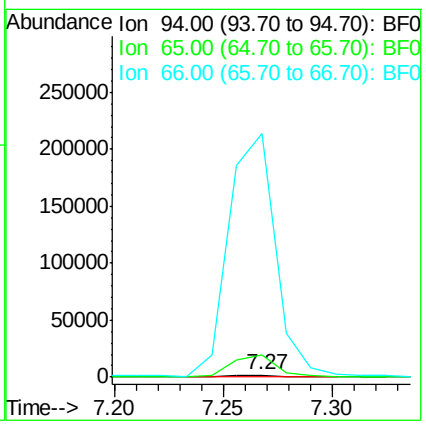


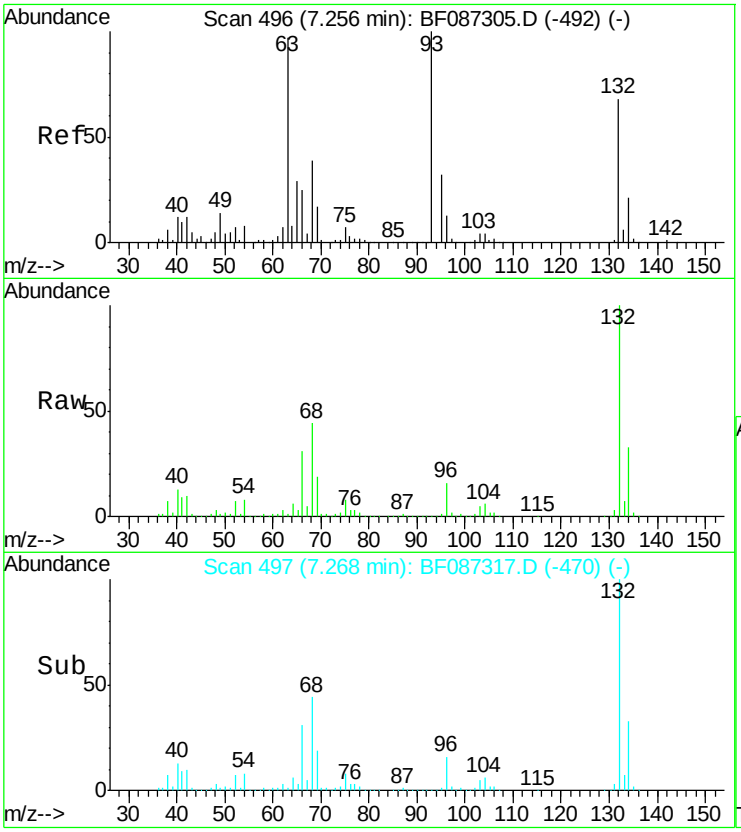


#10
Phenol
Concen: 0.20 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.08 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Tgt Ion: 94 Resp: 2108

Ion	Ratio	Lower	Upper
94	100		
65	1284.4	7.2	47.2#
66	14170.8	14.9	54.9#



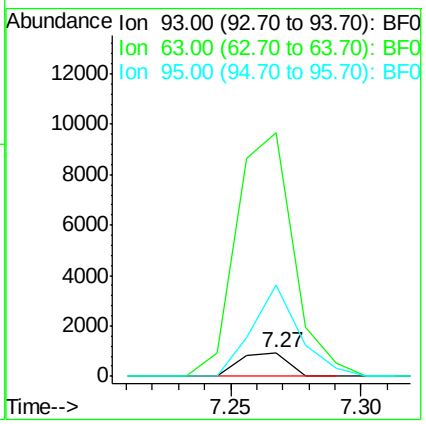


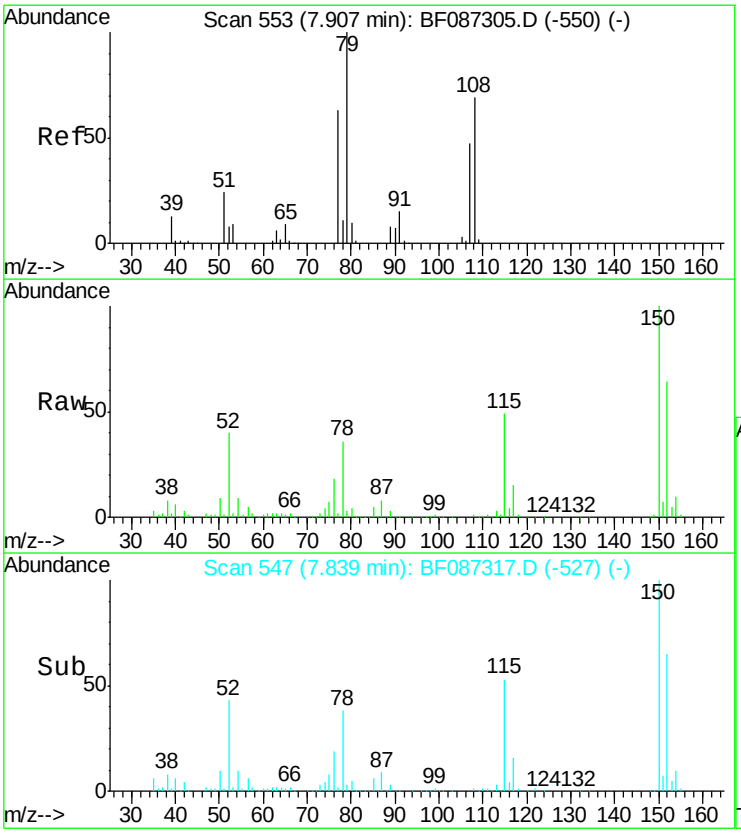
#11
bis(2-Chloroethyl)ether
Concen: 0.14 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.01 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion: 93 Resp: 1226

Ion	Ratio	Lower	Upper
93	100		
63	1025.8	58.0	98.0#
95	384.3	11.9	51.9#

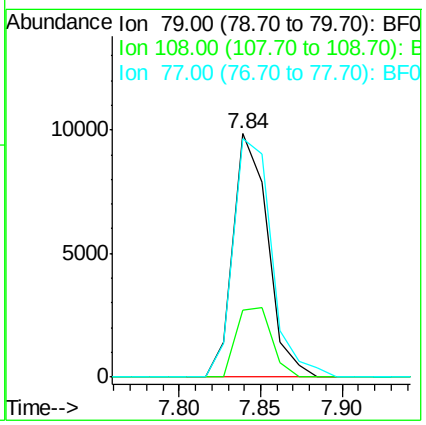


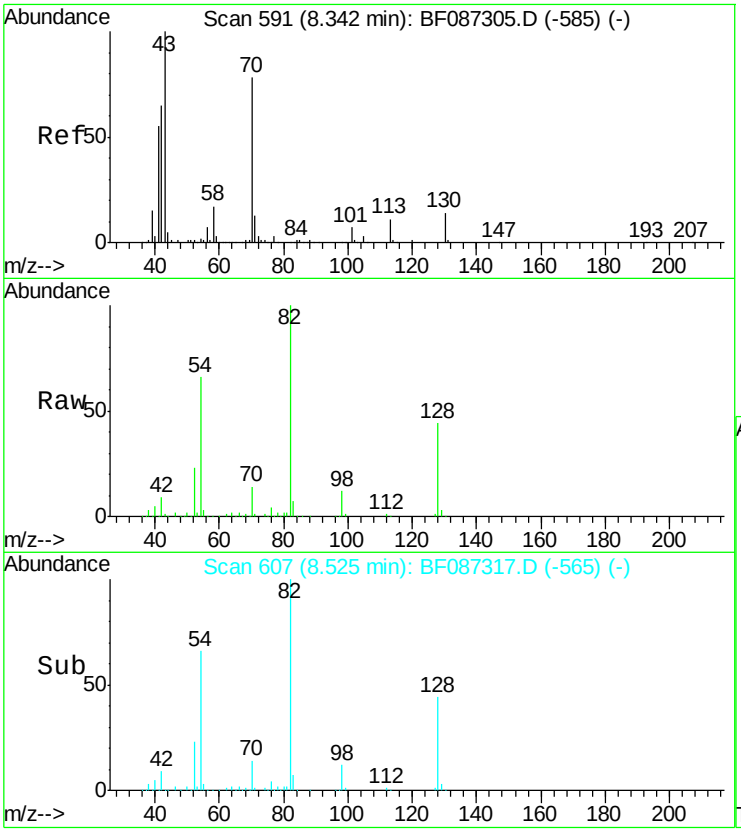


#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.07 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Tgt Ion: 79 Resp: 14451

Ion	Ratio	Lower	Upper
79	100		
108	27.3	68.4	102.6#
77	98.2	50.6	76.0#



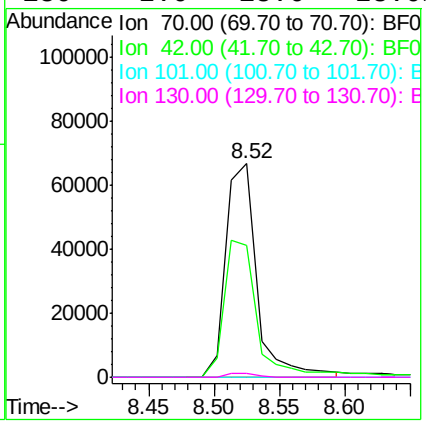


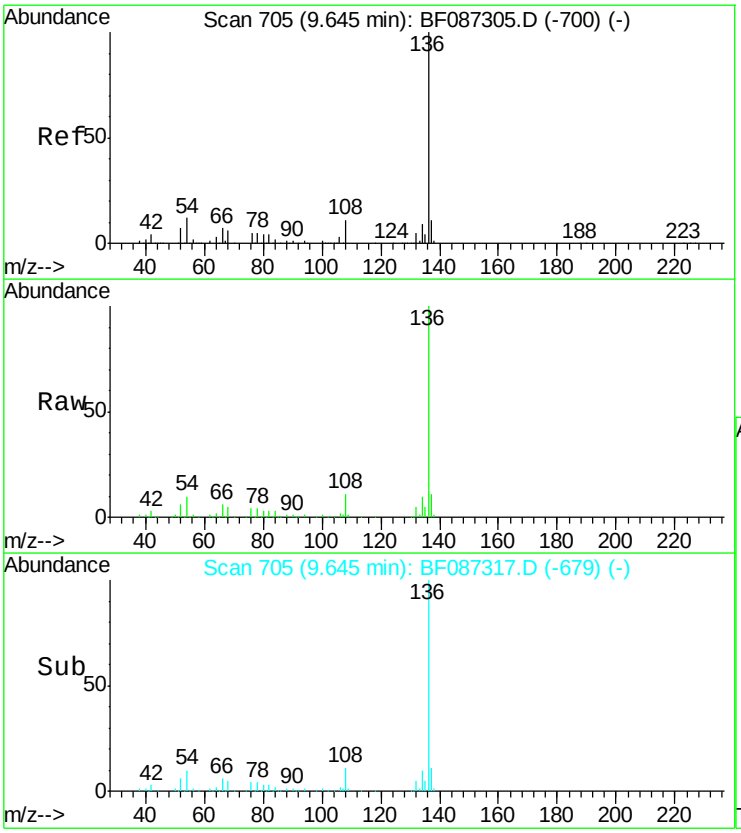
#19
n-Nitroso-di-n-propylamine
Concen: 15.16 ng
RT: 8.52 min Scan# 607
Delta R.T. 0.18 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion: 70 Resp: 110565

Ion	Ratio	Lower	Upper
70	100		
42	61.7	43.1	64.7
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#

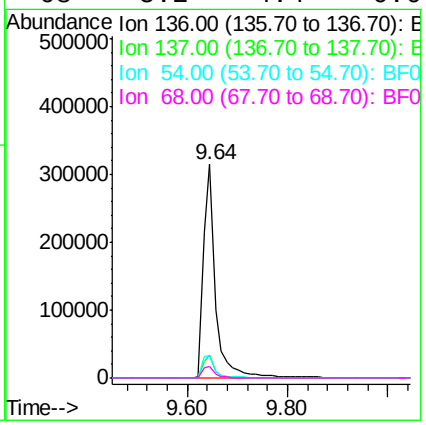


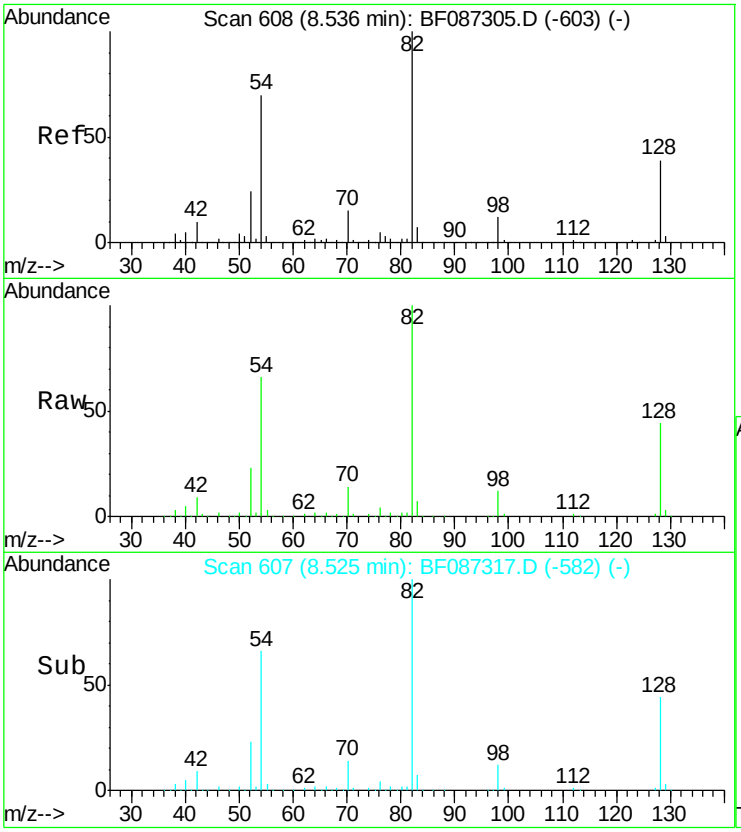


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Tgt Ion:136 Resp: 527593

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.1	5.0	7.4#
68	5.2	4.4	6.6



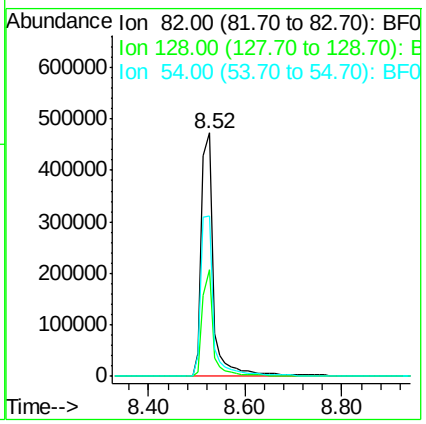


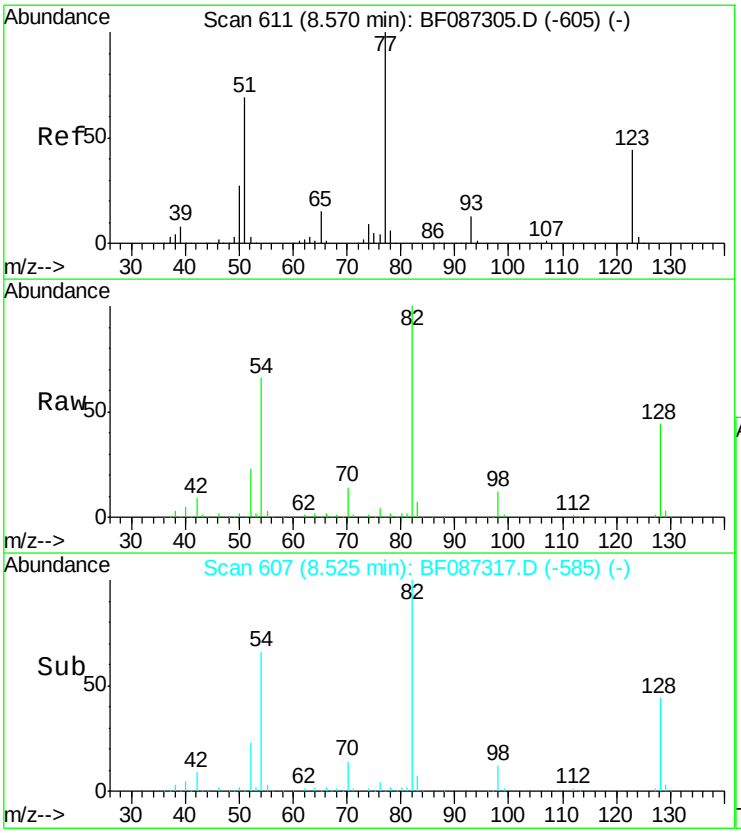
#23
Nitrobenzene-d5
Concen: 79.60 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion: 82 Resp: 833311

Ion	Ratio	Lower	Upper
82	100		
128	43.7	40.6	61.0
54	65.8	38.1	57.1#

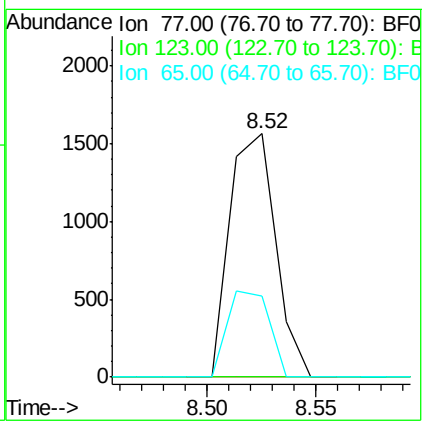


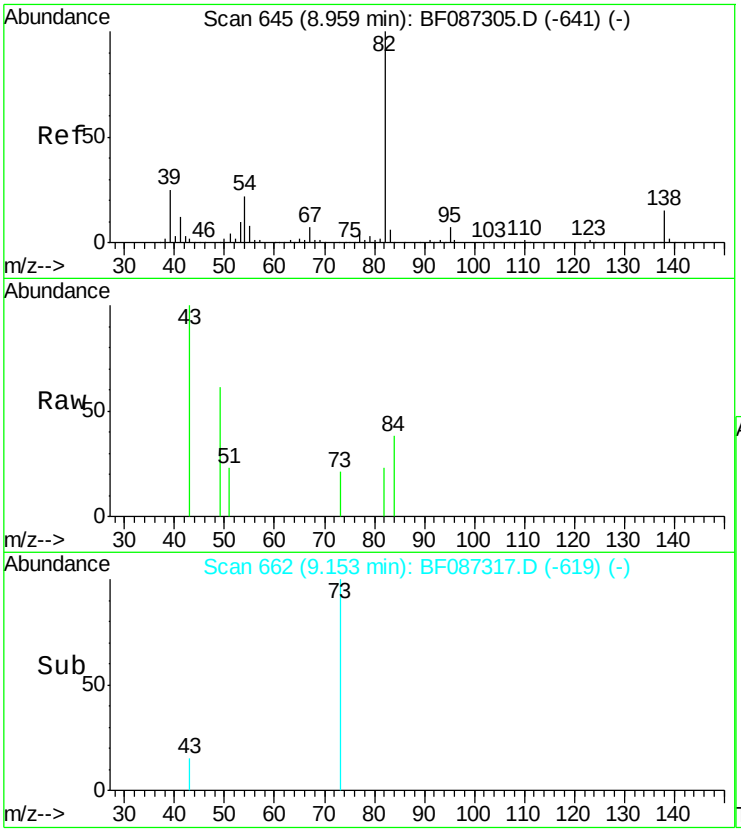


#24
Nitrobenzene
Concen: 0.21 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.05 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Tgt Ion: 77 Resp: 2291

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.4#
65	33.5	10.8	16.2#



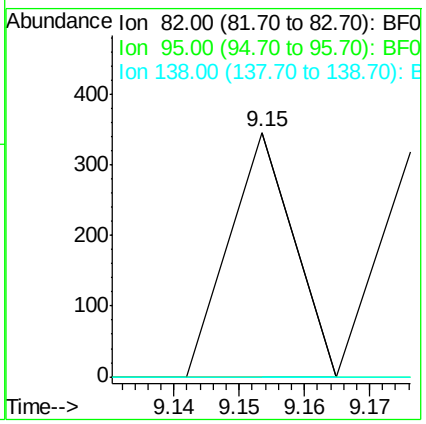


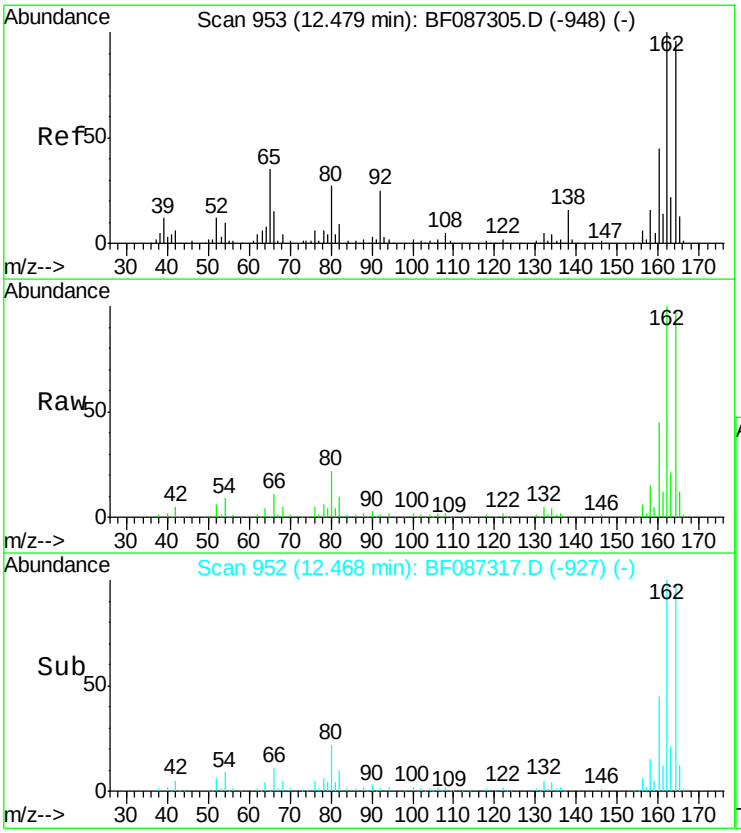
#25
Isophorone
Concen: 0.01 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.19 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion: 82 Resp: 237

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

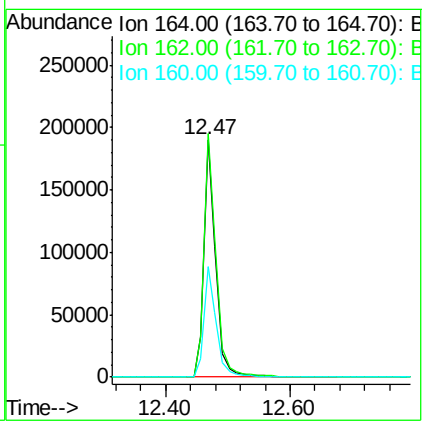


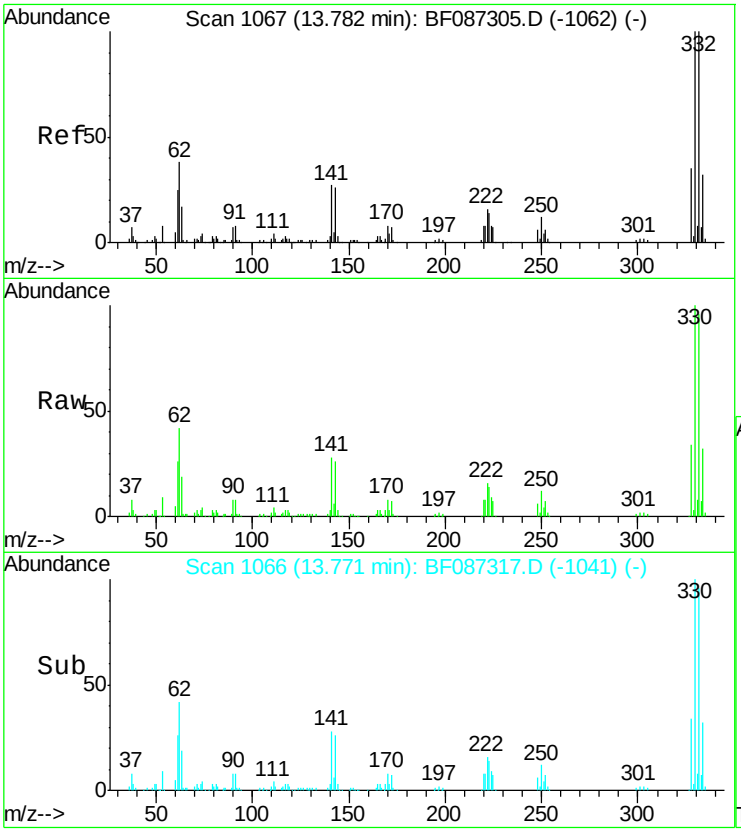


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Tgt Ion:164 Resp: 252372

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.8	124.2
160	46.4	36.9	55.3



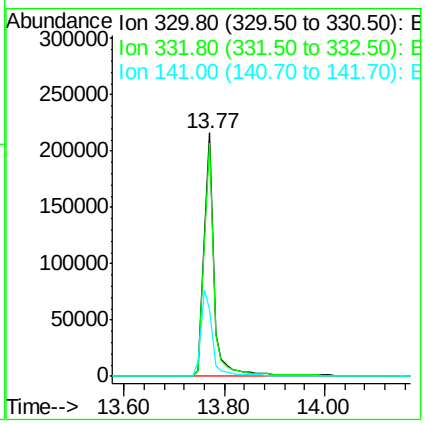


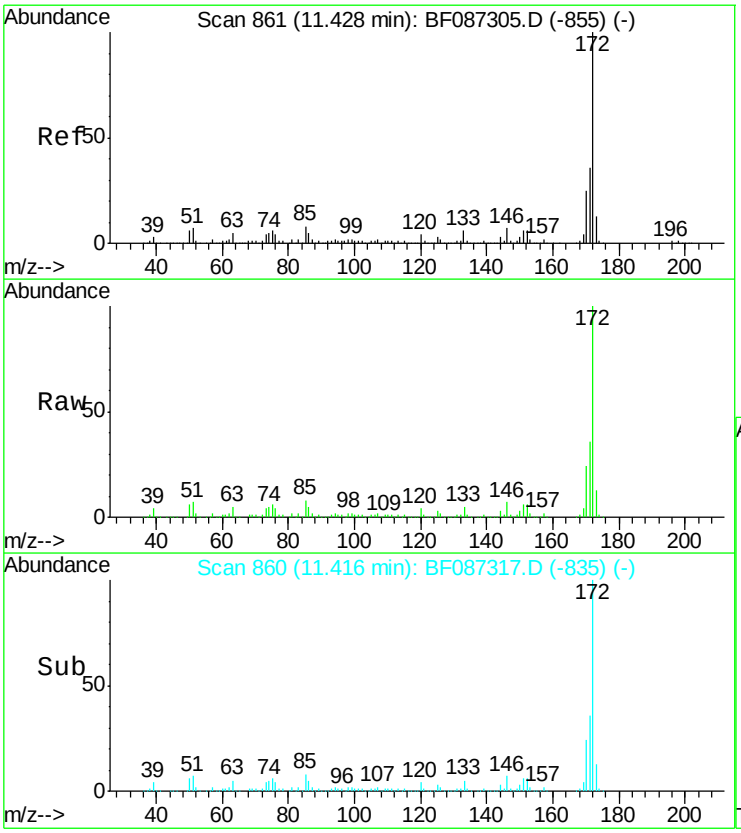
#41
2,4,6-Tribromophenol
Concen: 127.11 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion:330 Resp: 308270

Ion	Ratio	Lower	Upper
330	100		
332	95.7	79.0	118.4
141	40.2	31.2	46.8

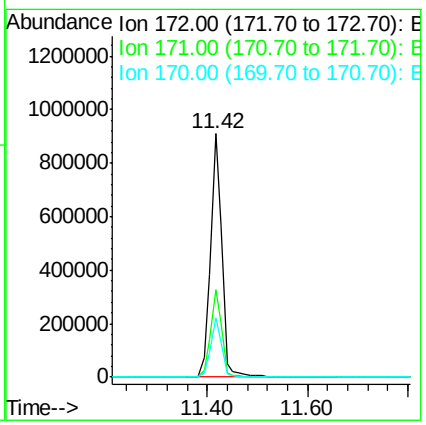


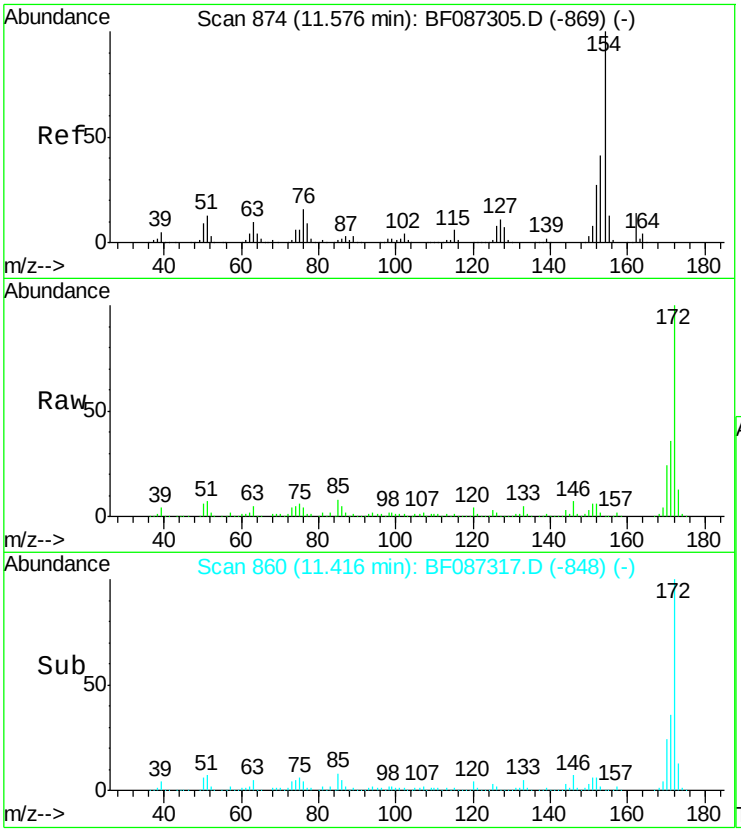


#44
2-Fluorobiphenyl
Concen: 79.43 ng
RT: 11.42 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Tgt Ion:172 Resp: 1421873

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	19.8	29.8



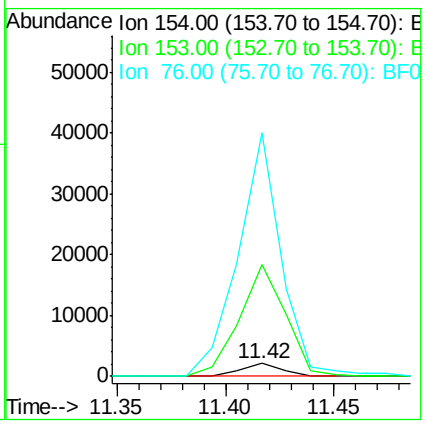


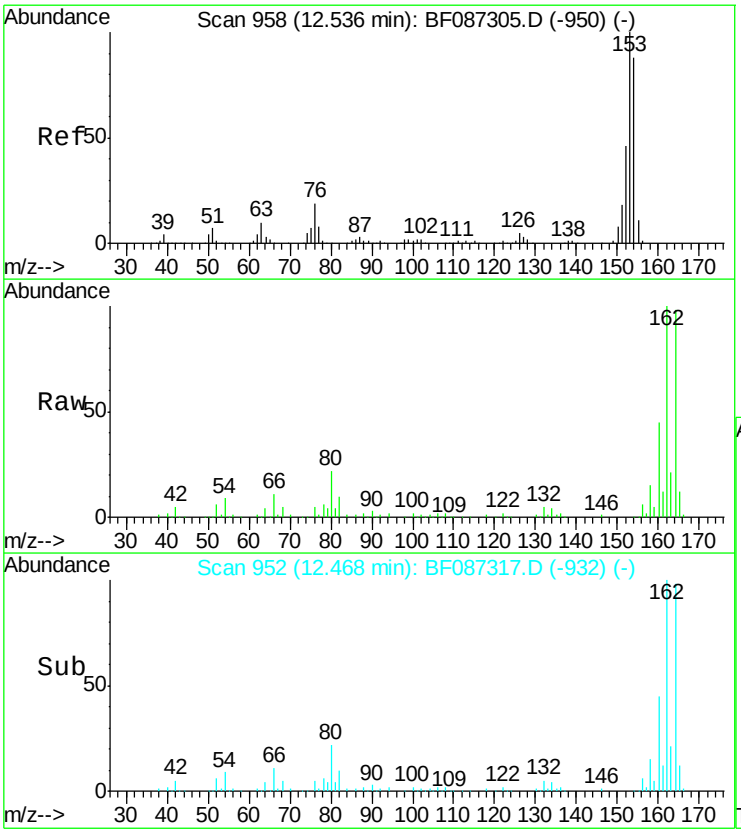
#45
1,1'-Biphenyl
Concen: 0.13 ng
RT: 11.42 min Scan# 860
Delta R.T. -0.16 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion:154 Resp: 2769

Ion	Ratio	Lower	Upper
154	100		
153	868.4	20.3	60.3#
76	1892.9	0.0	30.2#

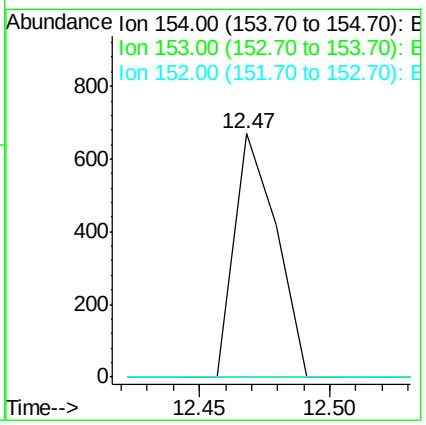


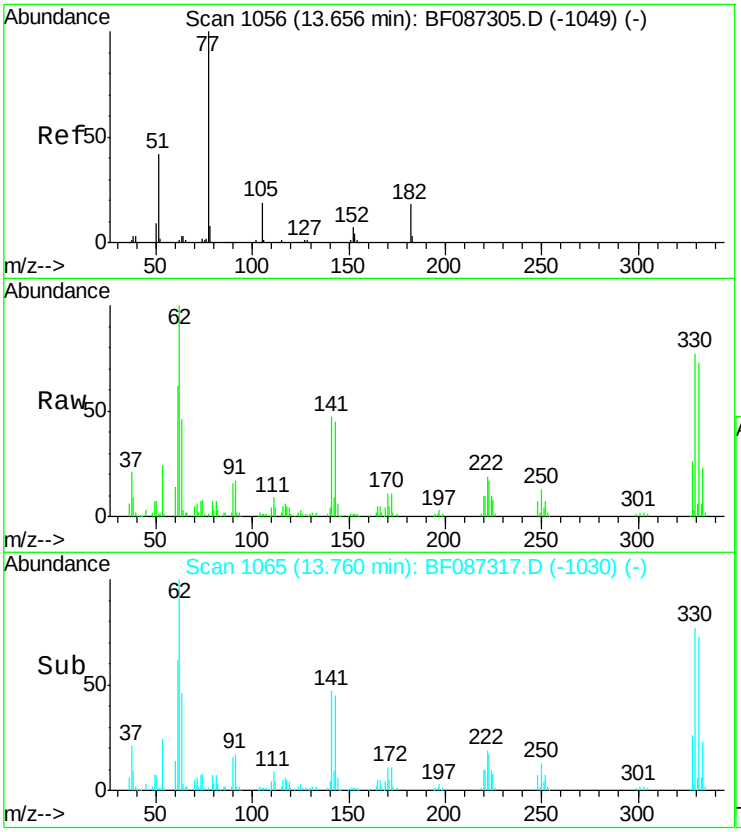


#51
Acenaphthene
Concen: 0.05 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.07 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Tgt Ion:154 Resp: 748

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



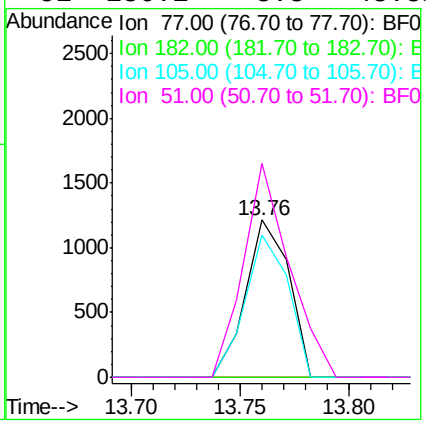


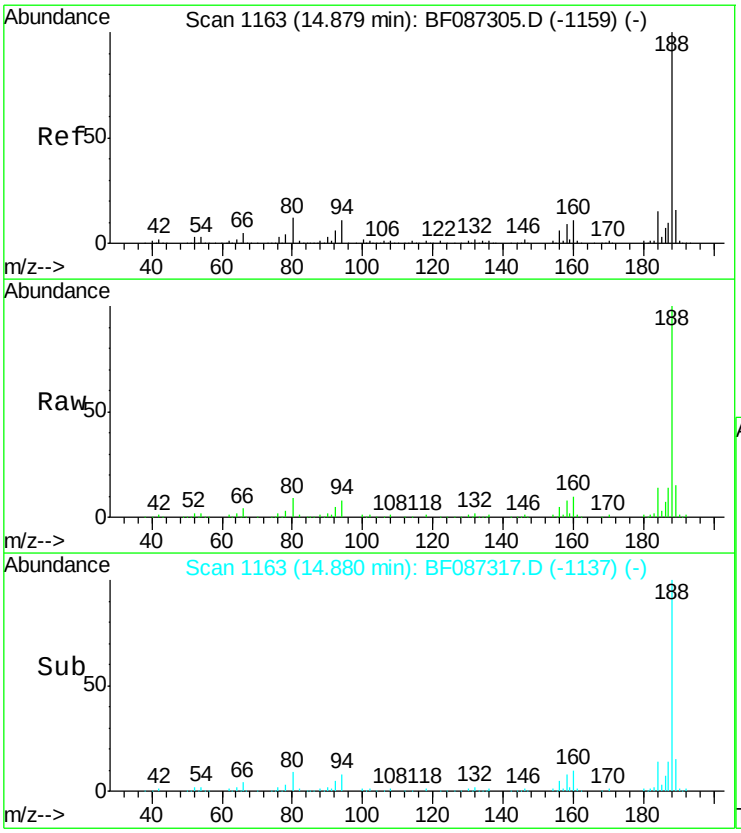
#62
Azobenzene
Concen: 0.08 ng
RT: 13.76 min Scan# 1065
Delta R.T. 0.10 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion: 77 Resp: 1685

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	38.8
105	90.7	3.2	43.2#
51	136.1	8.8	48.8#

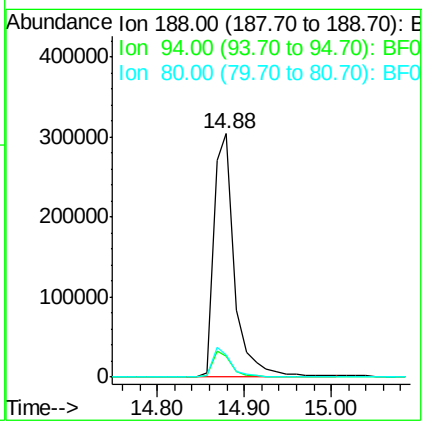


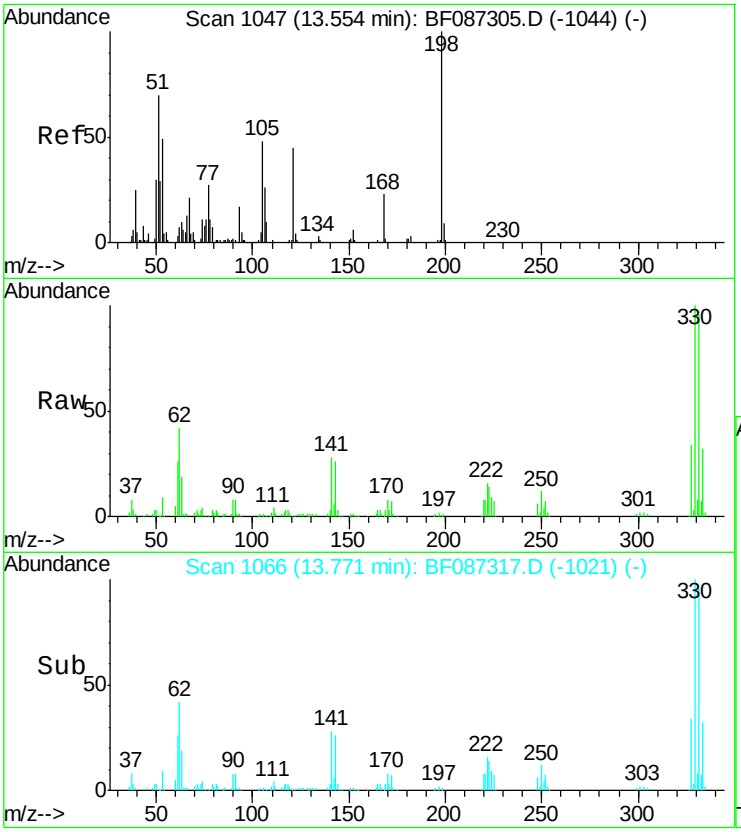


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Tgt Ion:188 Resp: 512429

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.8	10.2
80	8.9	7.1	10.7



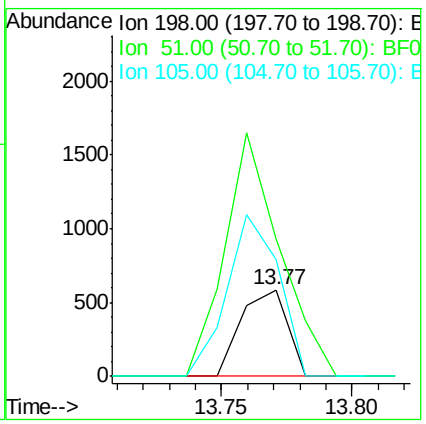


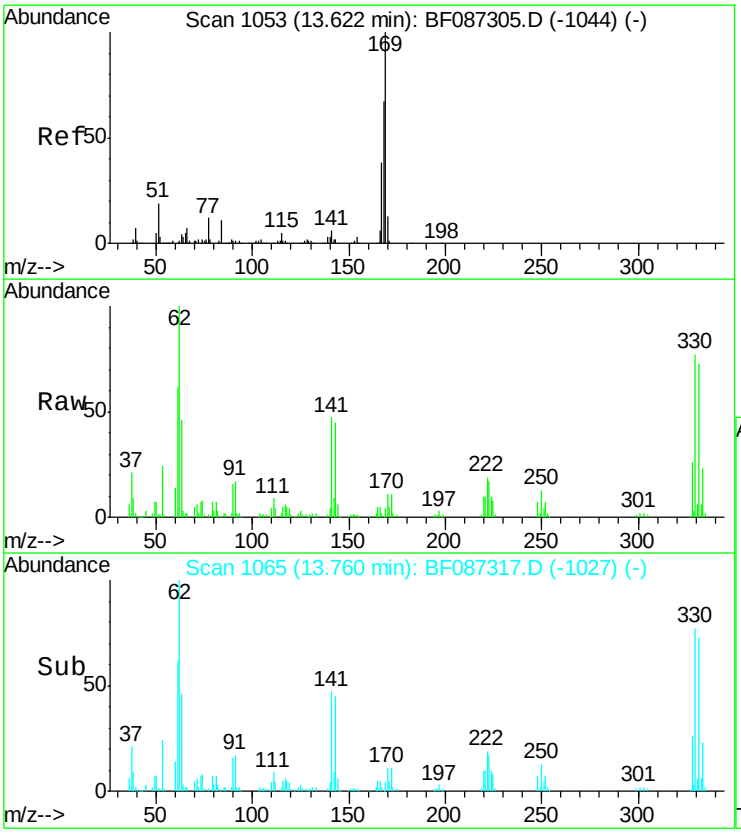
#64
4,6-Dinitro-2-methylphenol
Concen: 0.22 ng
RT: 13.77 min Scan# 1066
Delta R.T. 0.22 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion:198 Resp: 729

Ion	Ratio	Lower	Upper
198	100		
51	159.3	20.5	60.5#
105	135.4	24.5	64.5#

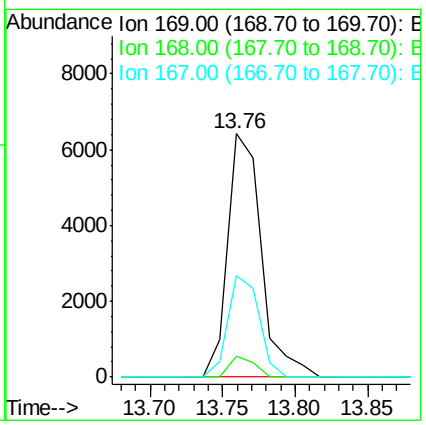


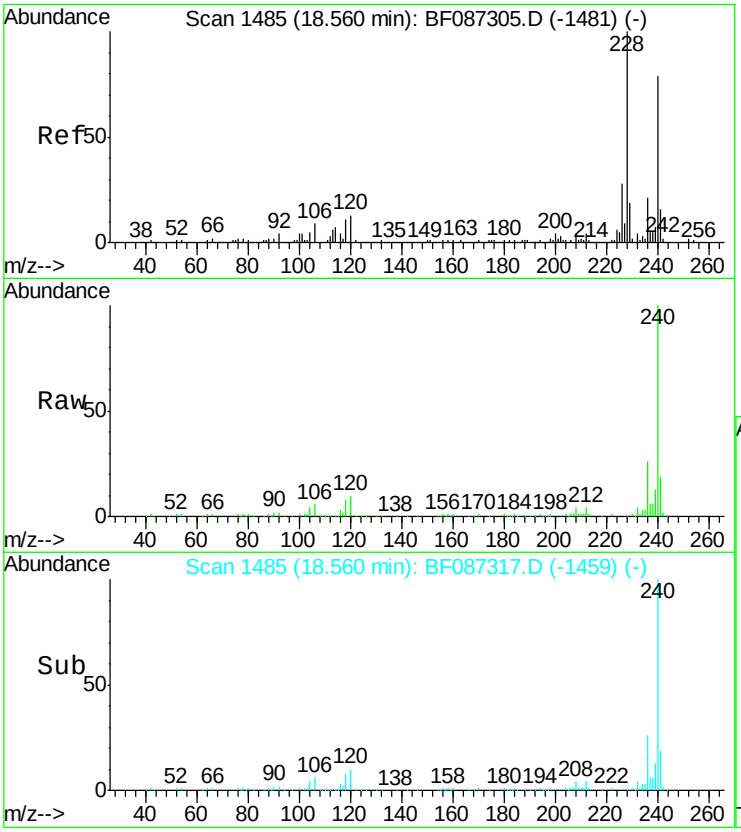


#65
n-Nitrosodiphenylamine
Concen: 0.62 ng
RT: 13.76 min Scan# 1065
Delta R.T. 0.14 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Tgt Ion:169 Resp: 10337

Ion	Ratio	Lower	Upper
169	100		
168	8.6	53.8	80.6#
167	42.0	29.5	44.3



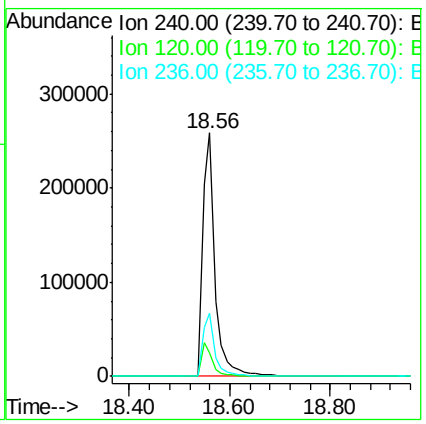


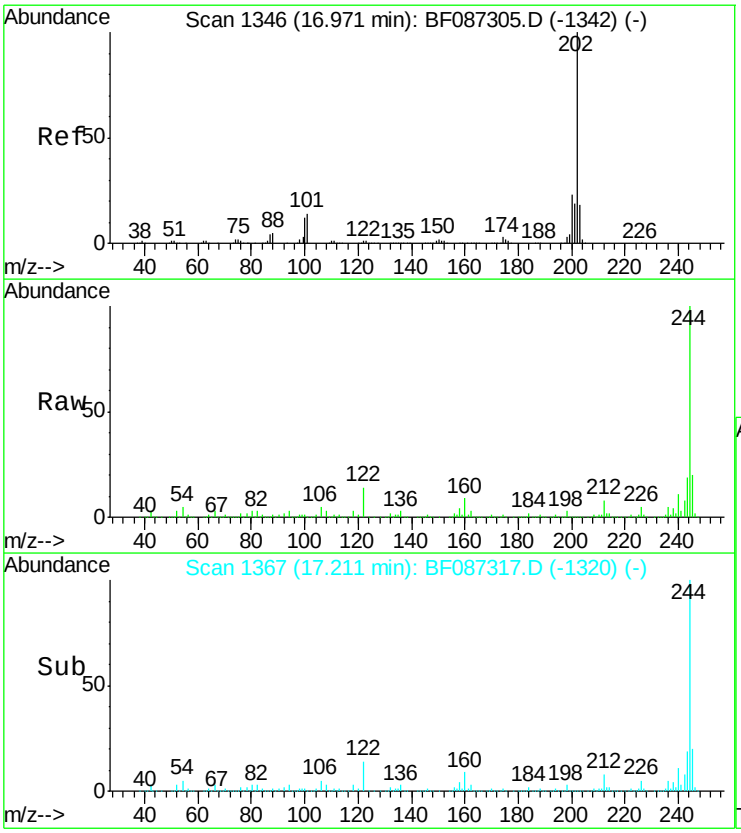
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.56 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion:240 Resp: 430553

Ion	Ratio	Lower	Upper
240	100		
120	9.8	11.2	16.8#
236	25.7	21.2	31.8

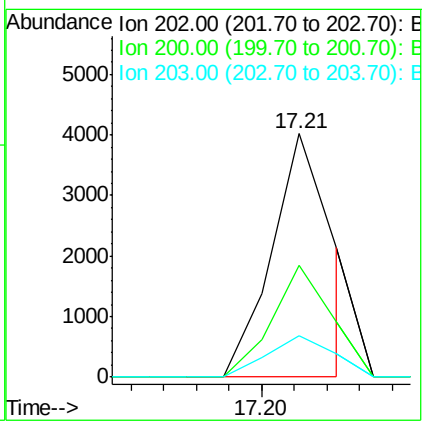


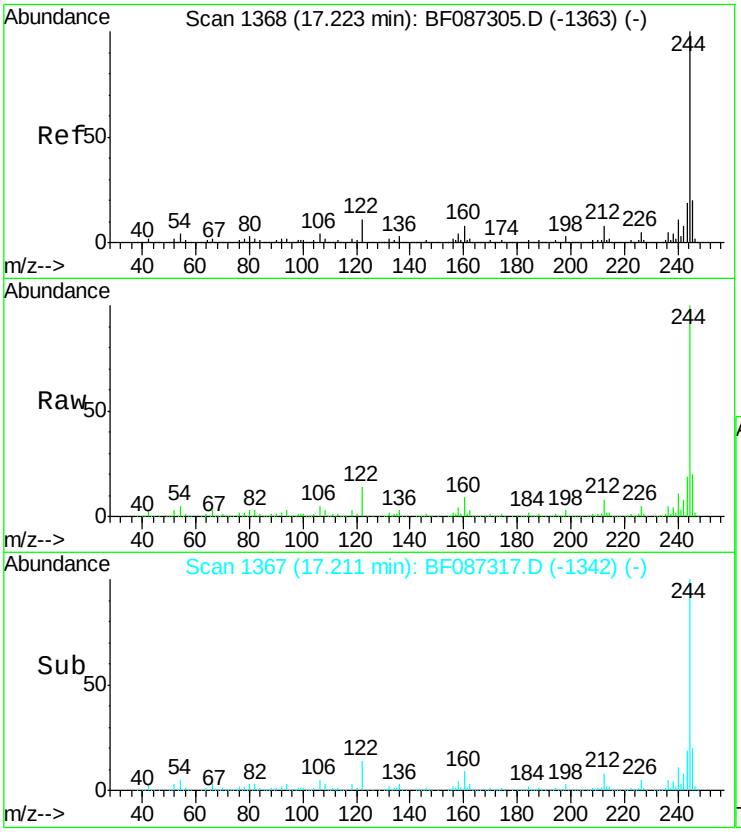


#77
Pyrene
Concen: 0.17 ng
RT: 17.21 min Scan# 1367
Delta R.T. 0.24 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Tgt Ion:202 Resp: 5171

Ion	Ratio	Lower	Upper
202	100		
200	46.1	17.7	26.5#
203	17.2	14.2	21.4



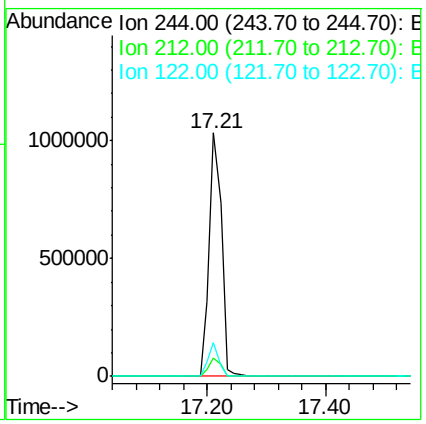


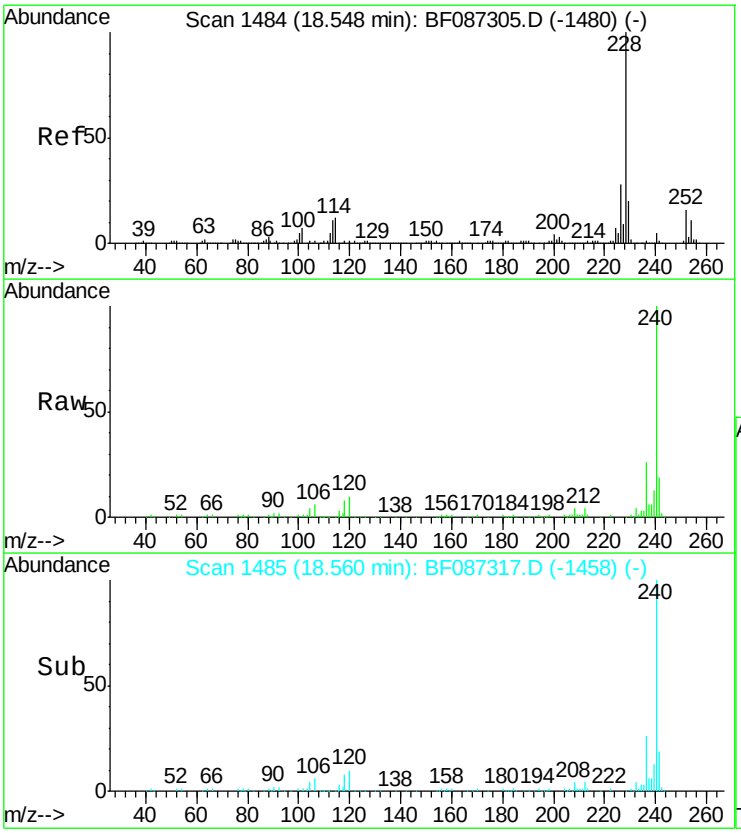
#78
Terphenyl-d14
Concen: 73.05 ng
RT: 17.21 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion:244 Resp: 1479398

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.6	12.0	18.0

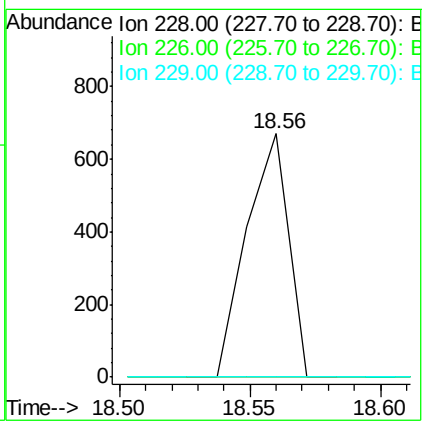


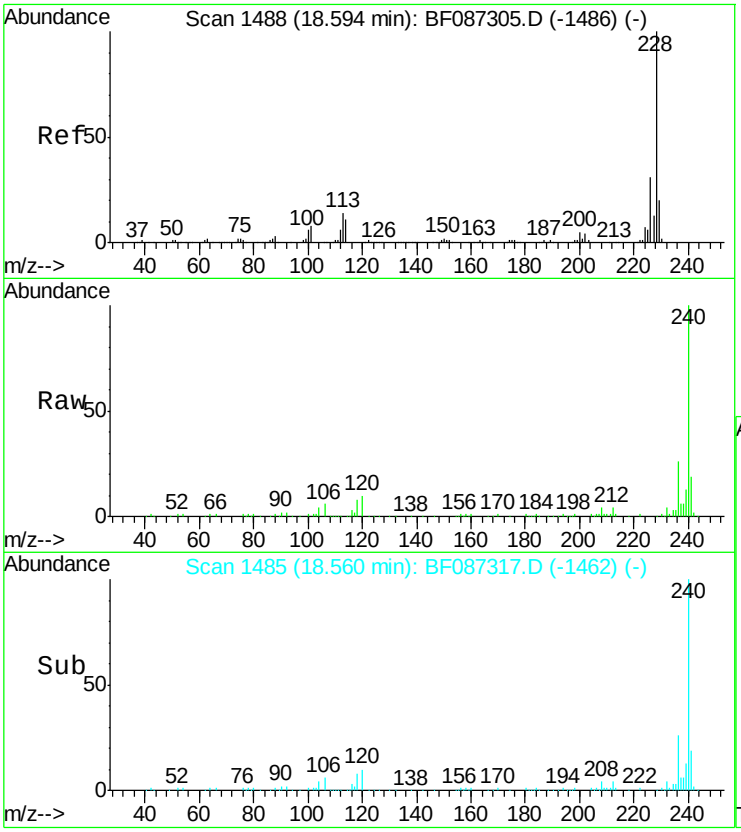


#80
Benzo(a)anthracene
Concen: 0.03 ng
RT: 18.56 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Tgt Ion:228 Resp: 745

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



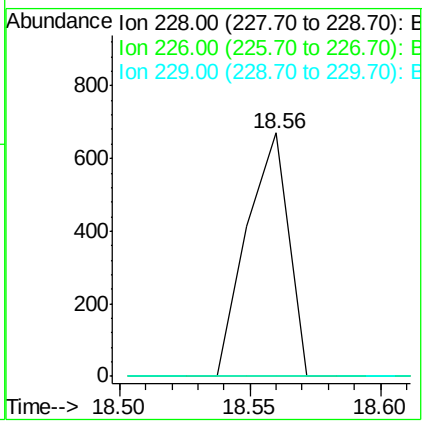


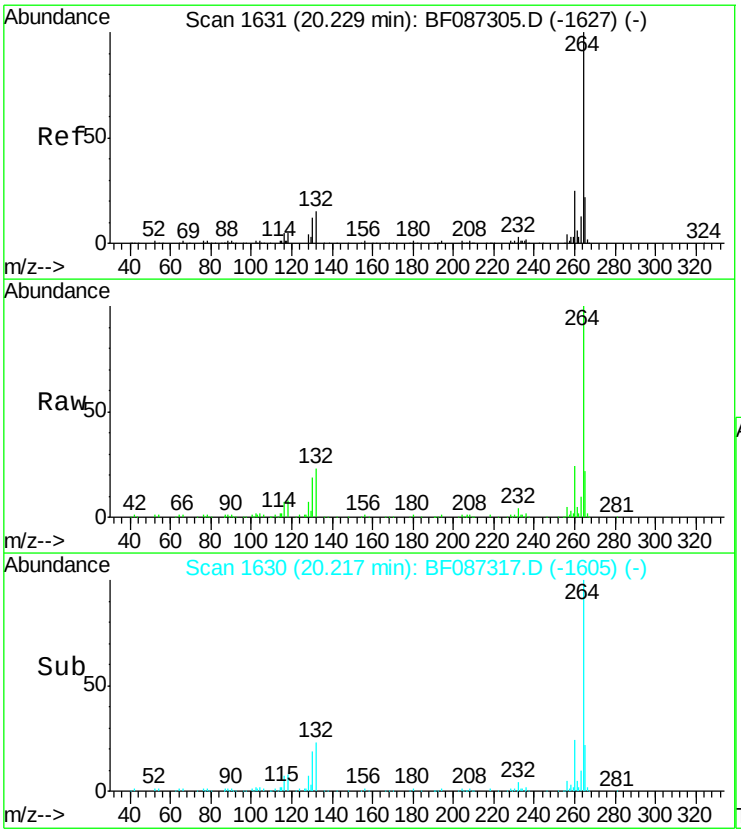
#82
Chrysene
Concen: 0.03 ng
RT: 18.56 min Scan# 1485
Delta R.T. -0.03 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion:228 Resp: 745

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

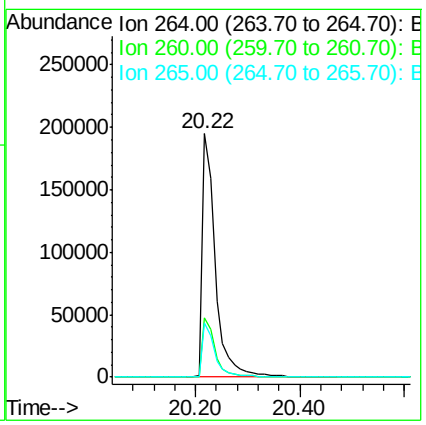


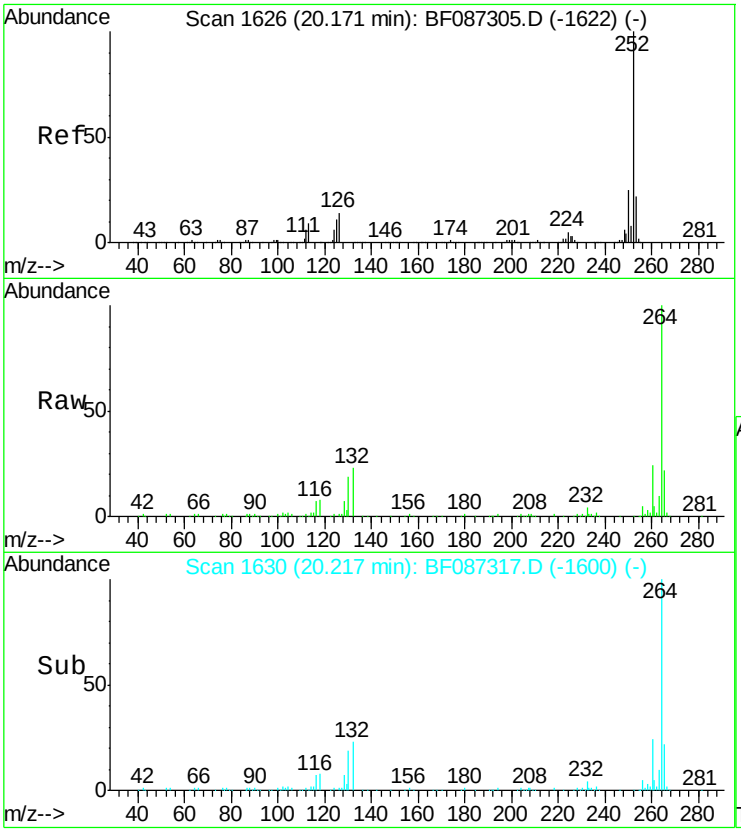


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.22 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BF087317.D
Acq: 24 May 2016 00:32

Tgt Ion:264 Resp: 340160

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.3	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: BF087317.D
Acq: 24 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90819BL

Tgt Ion:252 Resp: 911

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