Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089527.D
Acq On : 1 Aug 2016 23:26
Operator : UM/SJ
Sample : H4287-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-61-0.5-1.5

Quant Time: Aug 02 01:49:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	42204	20.00	ng		-0.07
21) Naphthalene-d8	7.77	136	146498	20.00	ng		-0.06
38) Acenaphthene-d10	9.51	164	57344	20.00	ng		-0.07
63) Phenanthrene-d10	10.98	188	91216	20.00	ng		-0.07
75) Chrysene-d12	13.60	240	97114	20.00	ng		-0.07
86) Perylene-d12	14.94	264	82058	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	267758	101.30	ng		-0.06
7) Phenol-d6	6.15	99	351860	100.73	ng		-0.06
23) Nitrobenzene-d5	7.05	82	198292	79.89	ng		-0.07
41) 2,4,6-Tribromophenol	10.30	330	43000	90.54	ng		-0.07
44) 2-Fluorobiphenyl	8.84	172	337633	86.41	ng		-0.07
78) Terphenyl-d14	12.56	244	222755	53.68	ng		-0.07
Target Compounds							Qvalue
9) Benzaldehyde	6.25	77	6365	3.73	ng		83
19) n-Nitroso-di-n-propylamine	7.05	70	26491	12.58	ng	#	81
25) Isophorone	7.31	82	32708	6.54	ng		97
49) Dimethylphthalate	9.24	163	129242	29.61	ng		99
55) 4-Nitrophenol	9.71	139	921	8.03	ng	#	4
56) 2,4-Dinitrotoluene	9.51	165	7484	6.34	ng	#	7
70) Phenanthrene	11.01	178	71959	15.30	ng		99
71) Anthracene	11.05	178	20580	3.93	ng		97
73) Di-n-butylphthalate	11.57	149	17984	3.04	ng	#	98
74) Fluoranthene	12.18	202	144128	29.12	ng		99
77) Pyrene	12.18	202	144128	19.58	ng		99
80) Benzo(a)anthracene	13.59	228	68860	12.56	ng		97
82) Chrysene	13.62	228	55389	9.49	ng		98
83) Bis(2-ethylhexyl)phthalate	13.61	149	12477	2.58	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.09	276	25485	6.14	ng	#	94
87) Benzo(b)fluoranthene	14.59	252	101948	20.01	ng		94
88) Benzo(k)fluoranthene	14.59	252	101223	21.61	ng		96
89) Benzo(a)pyrene	14.88	252	49099	10.74	ng		95
91) Benzo(g,h,i)perylene	16.45	276	26614	7.52	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
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Acq On : 1 Aug 2016 23:26
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Misc :
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Instrument :
BNA_F
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SB-61-0.5-1.5

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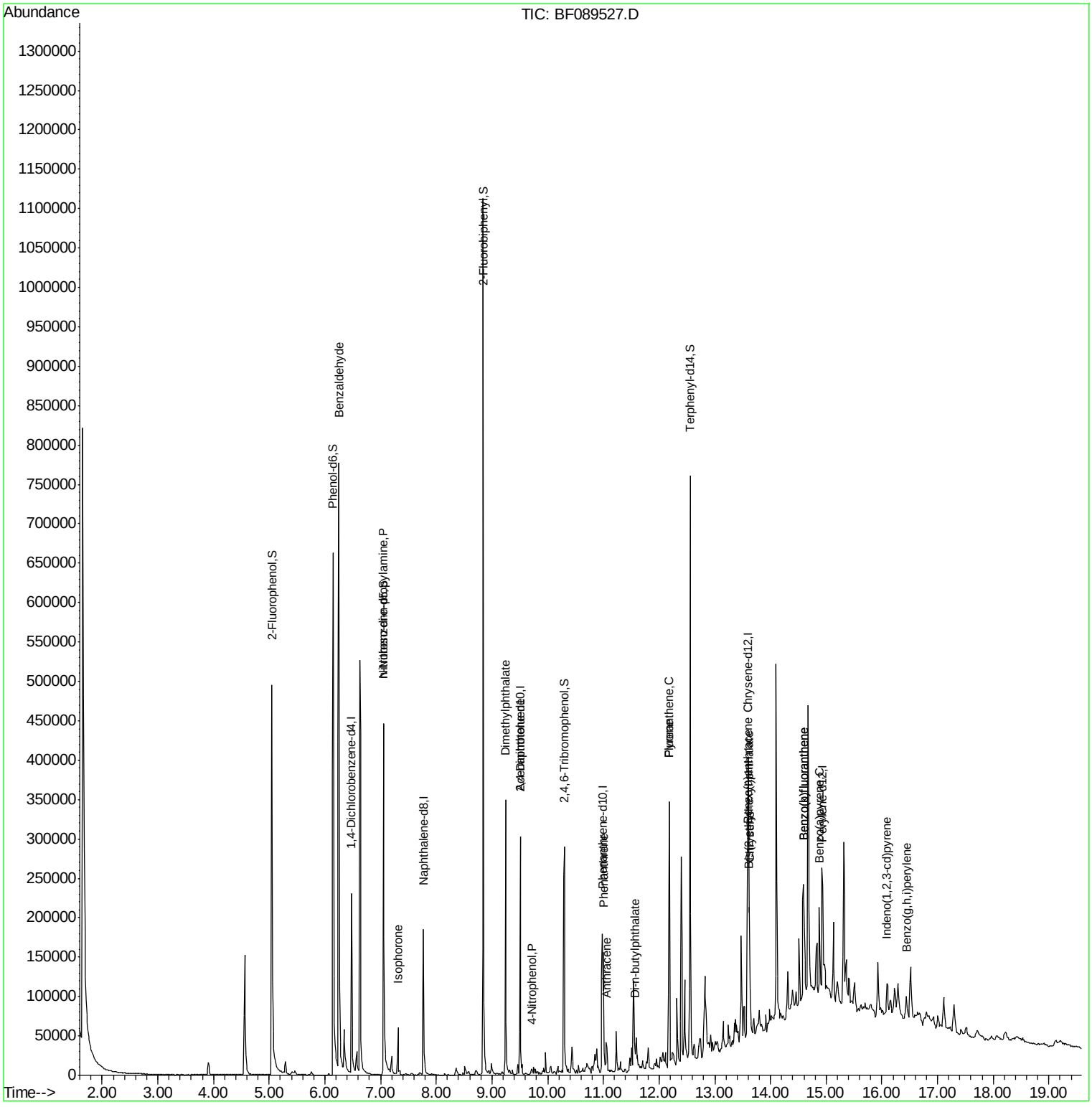
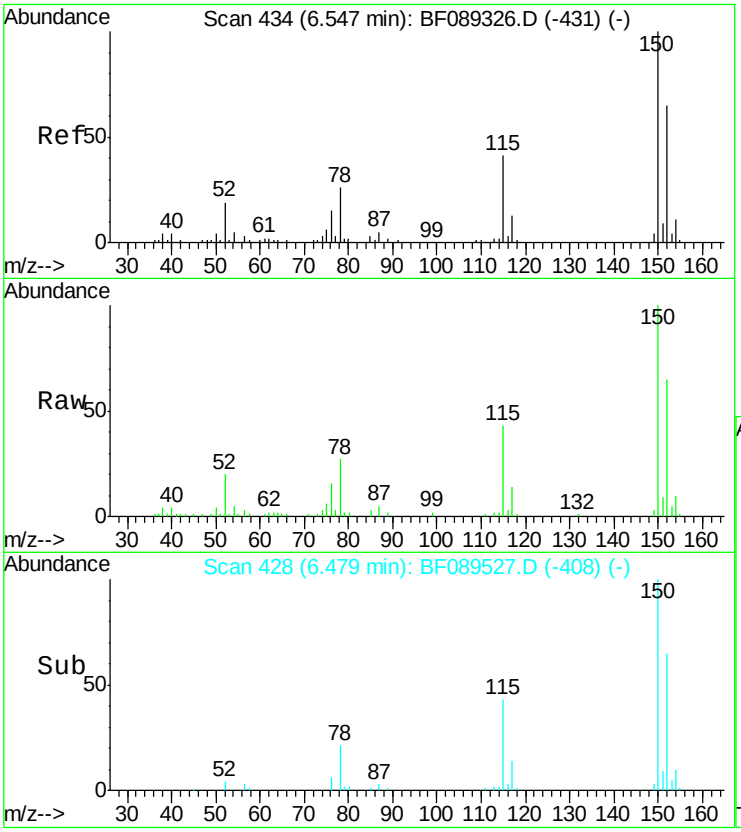


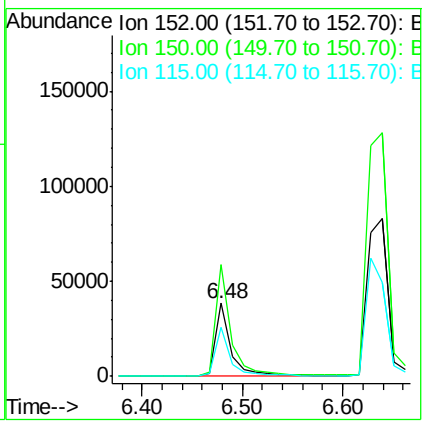


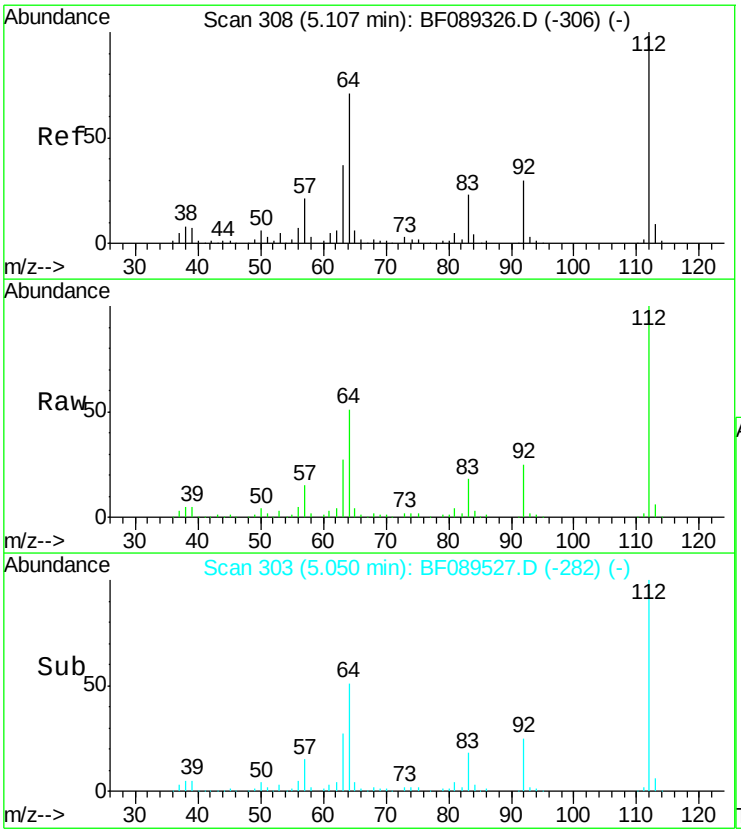
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.07 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tgt Ion:152 Resp: 42204

Ion	Ratio	Lower	Upper
152	100		
150	152.7	129.5	194.3
115	66.4	51.4	77.2

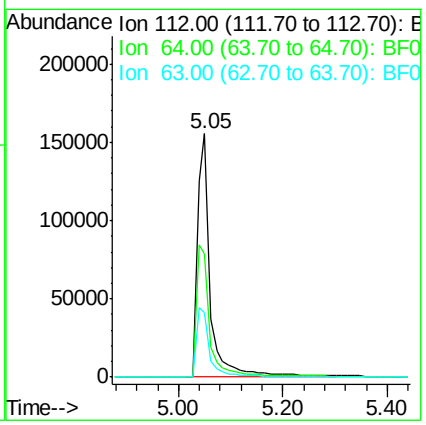


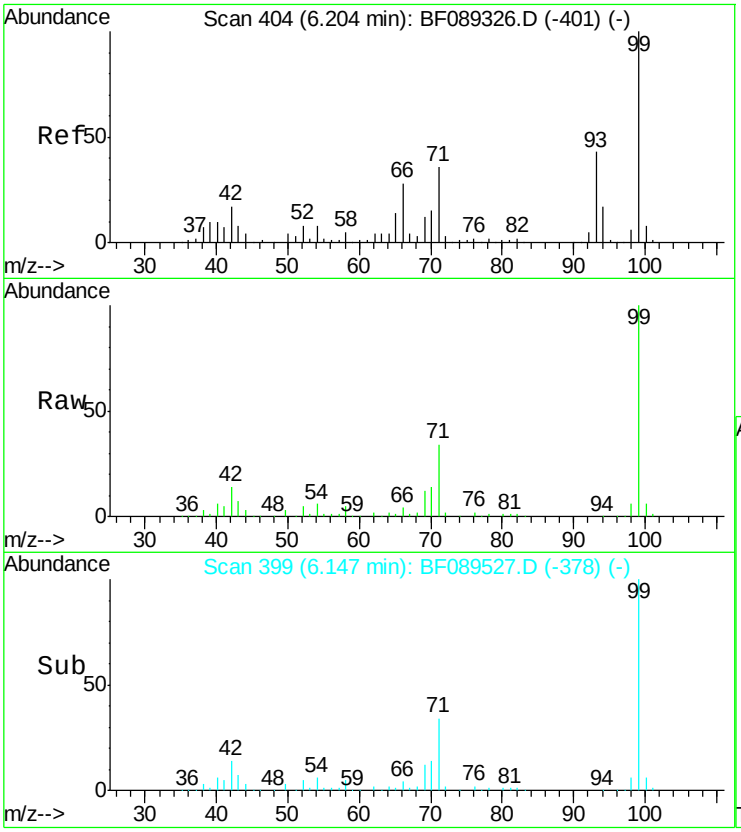


#5
2-Fluorophenol
Concen: 101.30 ng
RT: 5.05 min Scan# 303
Delta R.T. -0.06 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion:112 Resp: 267758

Ion	Ratio	Lower	Upper
112	100		
64	50.5	55.0	82.6#
63	26.6	29.4	44.2#



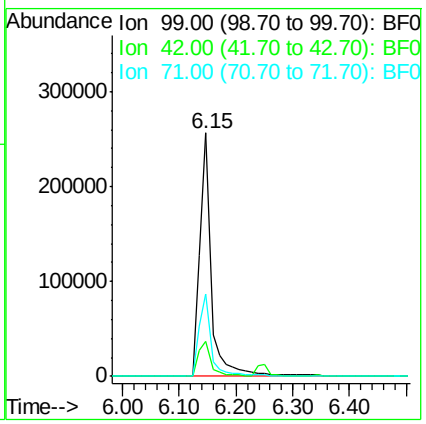


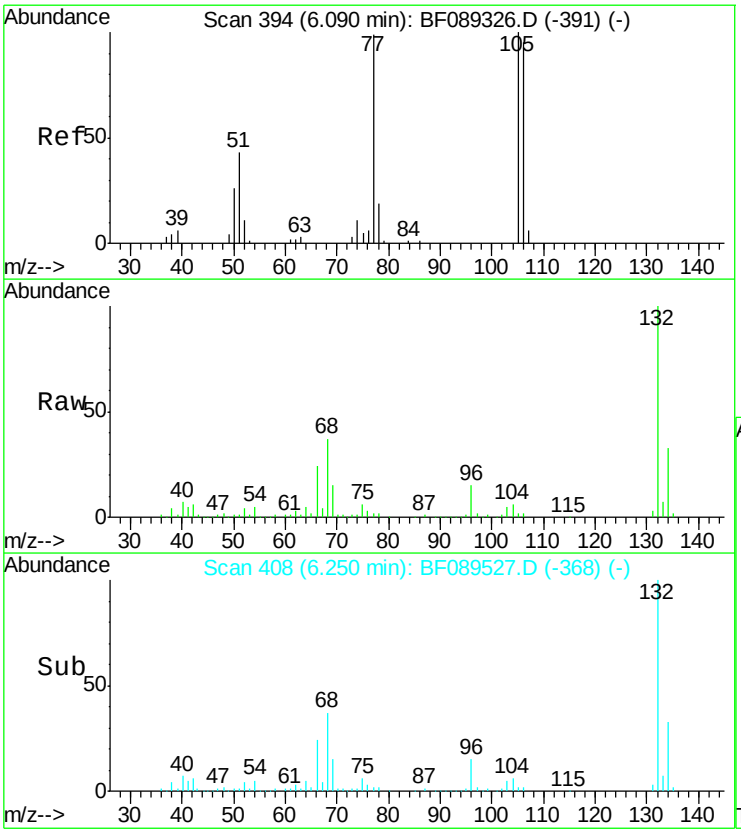
#7
Phenol-d6
Concen: 100.73 ng
RT: 6.15 min Scan# 399
Delta R.T. -0.06 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tgt Ion: 99 Resp: 351860

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.6	20.4
71	33.8	29.4	44.2

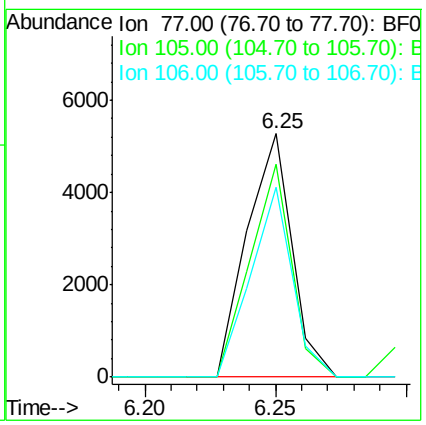


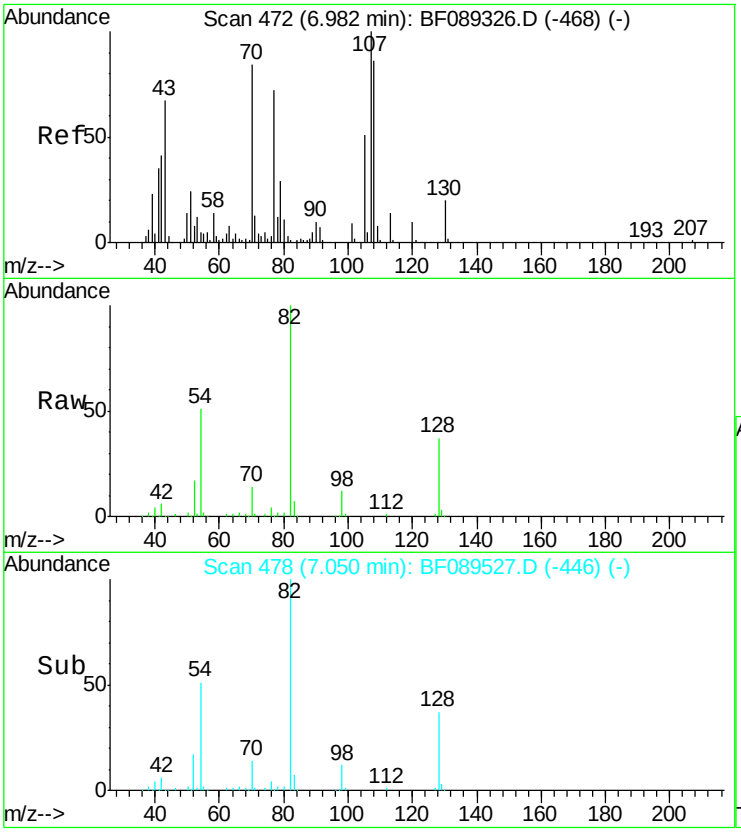


#9
Benzaldehyde
Concen: 3.73 ng
RT: 6.25 min Scan# 408
Delta R.T. 0.16 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion: 77 Resp: 6365

Ion	Ratio	Lower	Upper
77	100		
105	87.6	82.9	122.9
106	78.1	75.9	115.9



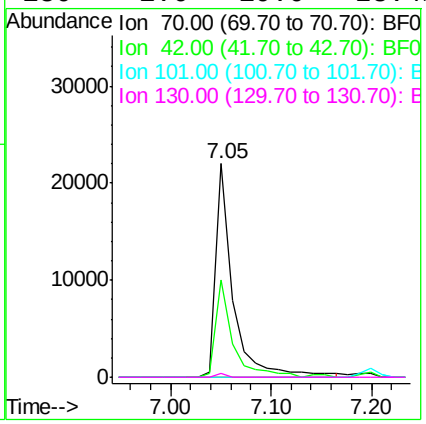


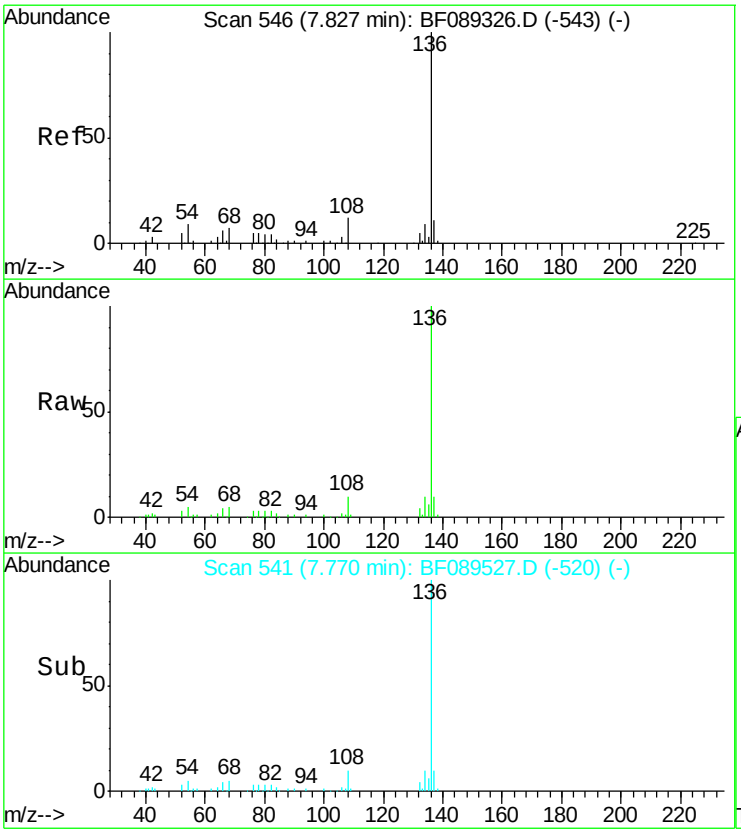
#19
n-Nitroso-di-n-propylamine
Concen: 12.58 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.07 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tgt Ion: 70 Resp: 26491

Ion	Ratio	Lower	Upper
70	100		
42	45.7	38.6	57.8
101	0.0	8.3	12.5#
130	1.6	19.0	28.4#

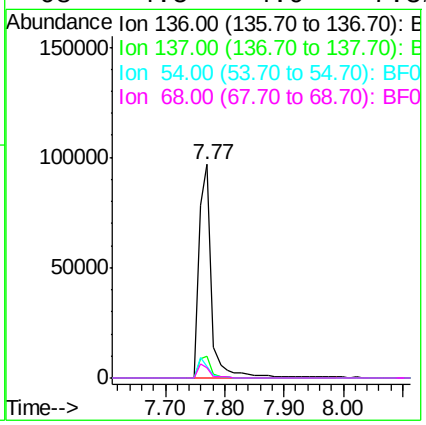


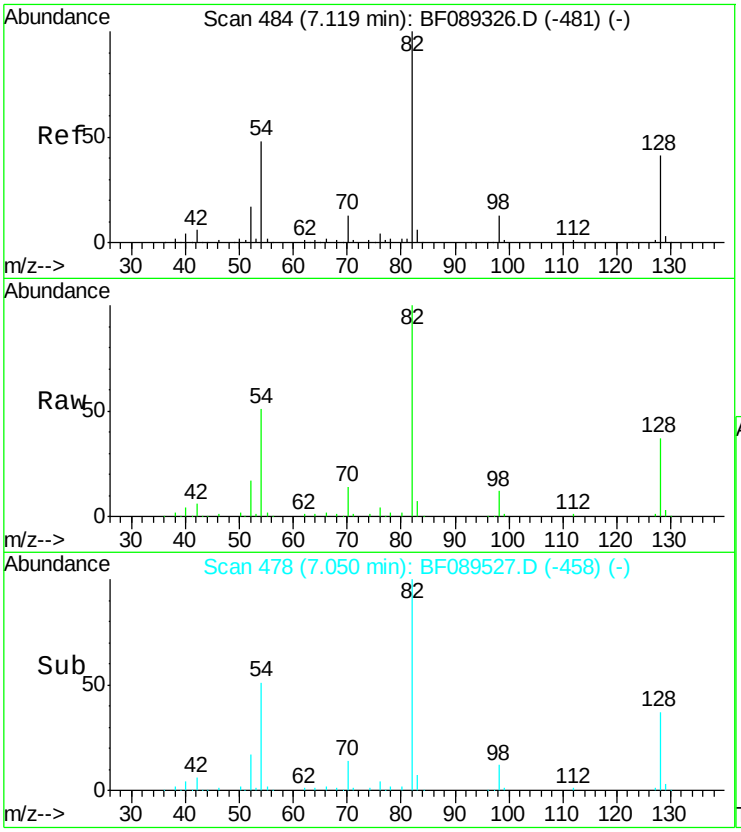


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.06 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion:136 Resp: 146498

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	5.5	7.0	10.4#
68	4.5	4.9	7.3#



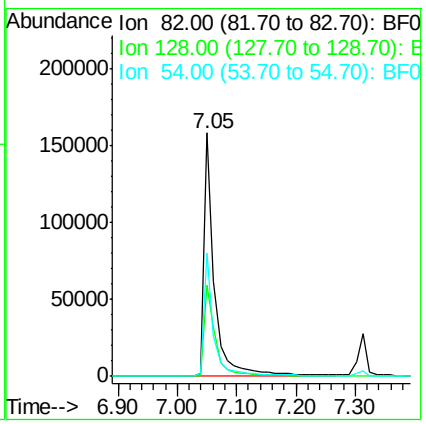


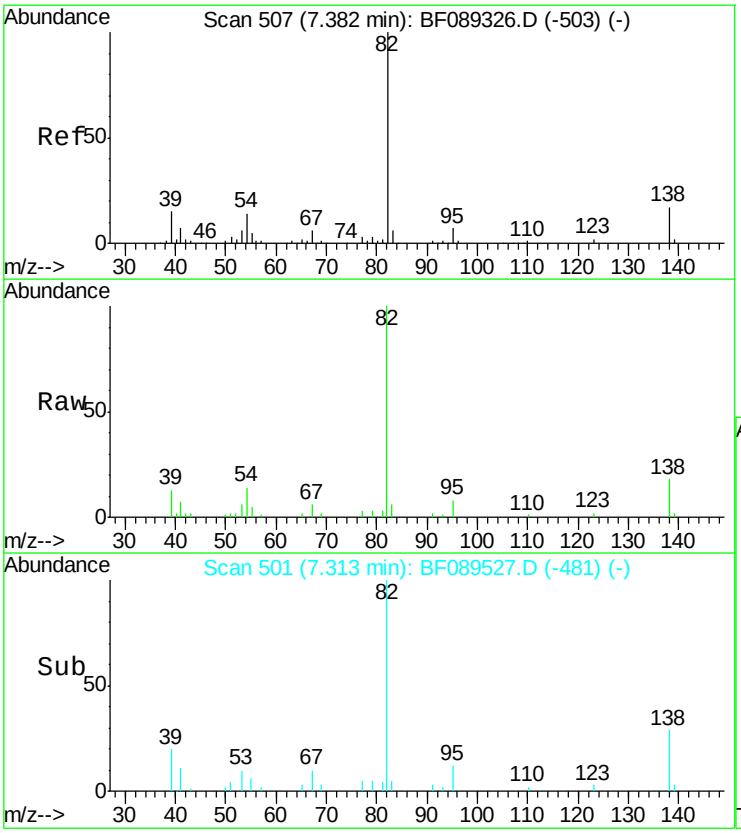
#23
Nitrobenzene-d5
Concen: 79.89 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tgt Ion: 82 Resp: 198292

Ion	Ratio	Lower	Upper
82	100		
128	37.3	32.5	48.7
54	50.7	38.8	58.2

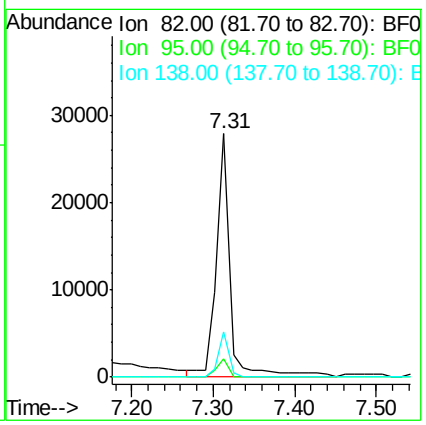


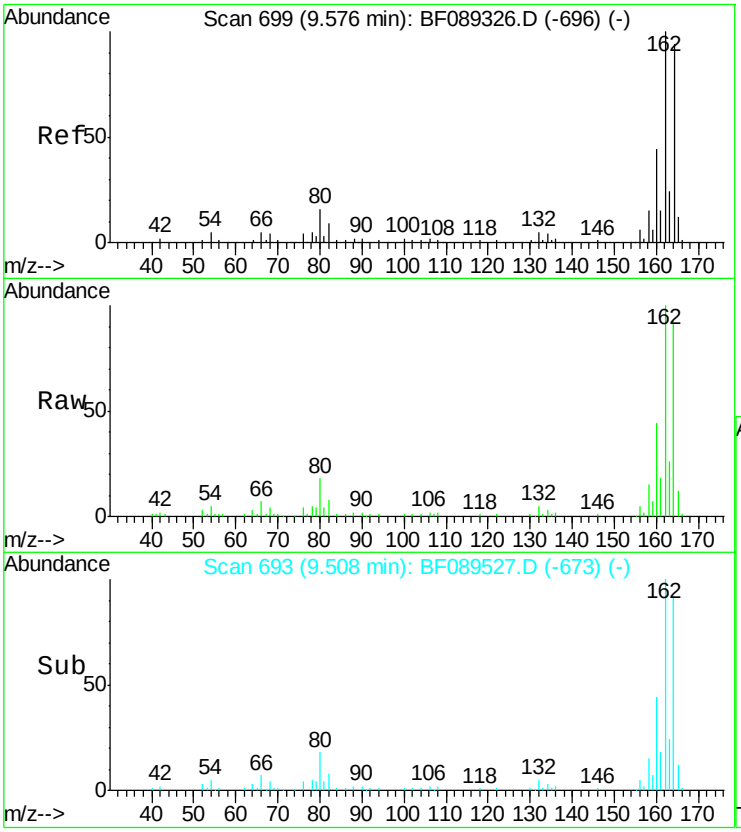


#25
Isophorone
Concen: 6.54 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.07 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion: 82 Resp: 32708

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	18.5	13.3	19.9



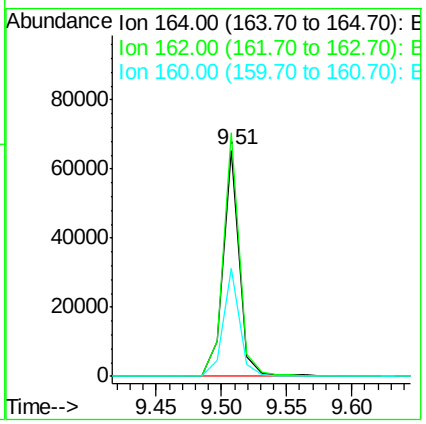


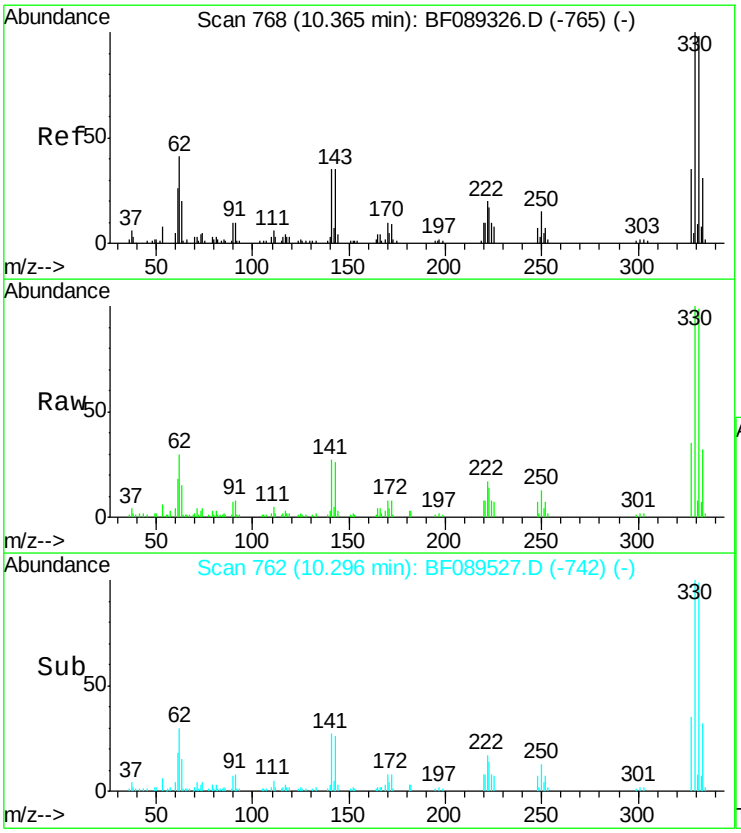
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.07 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tgt Ion:164 Resp: 57344

Ion	Ratio	Lower	Upper
164	100		
162	107.6	83.7	125.5
160	47.6	37.8	56.6

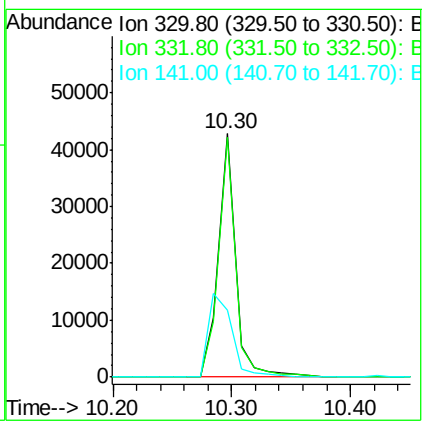


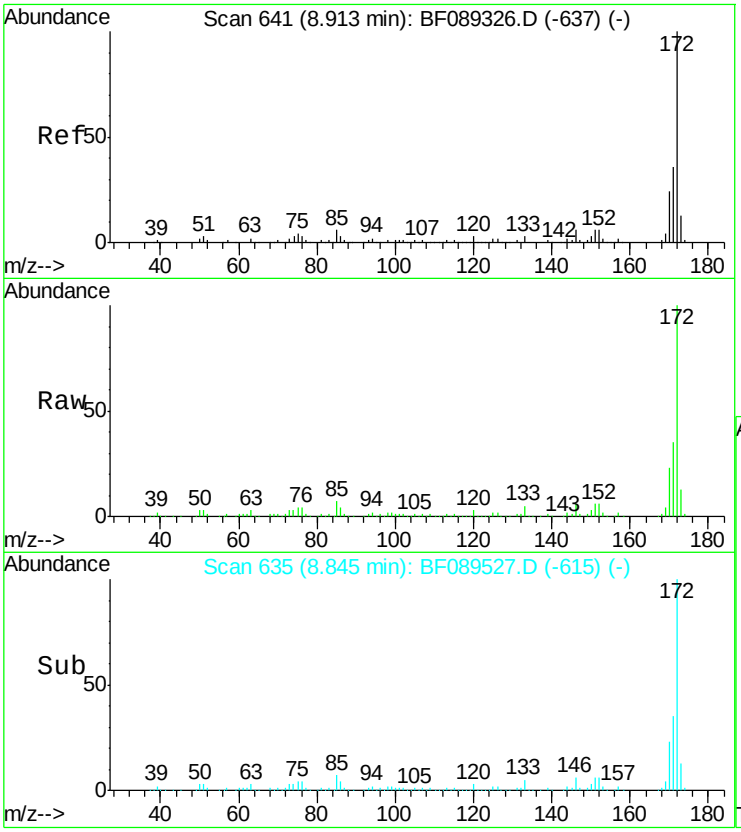


#41
2,4,6-Tribromophenol
Concen: 90.54 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.07 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion:330 Resp: 43000

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.8	115.2
141	47.2	37.3	55.9



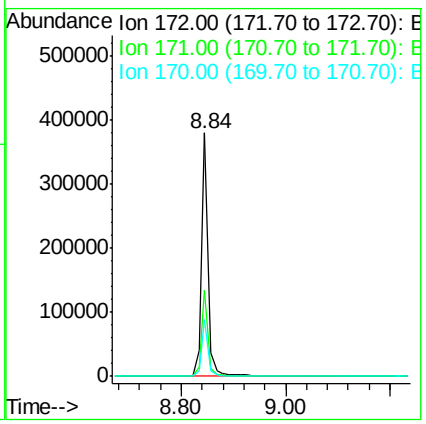


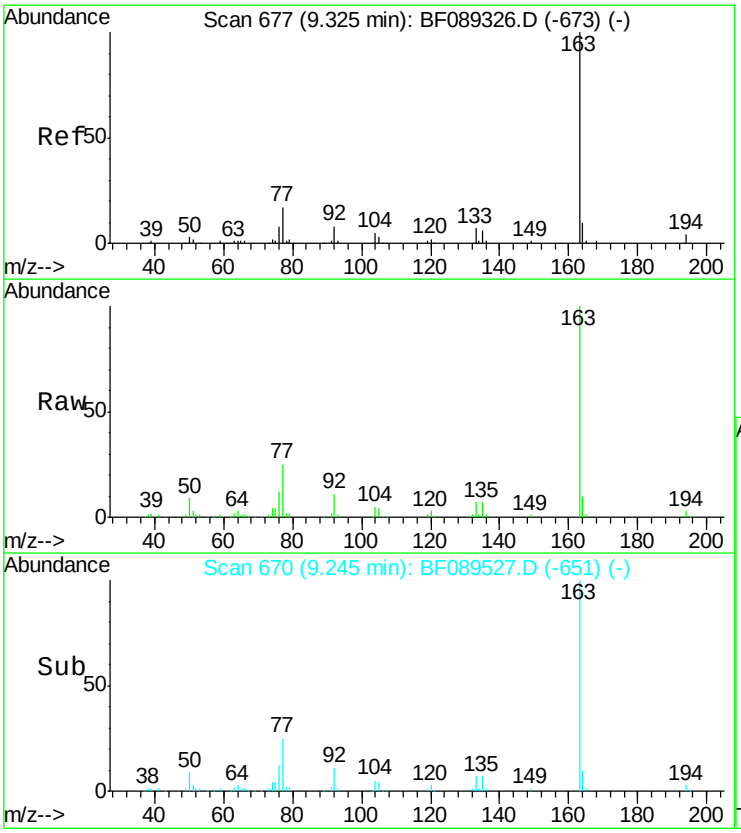
#44
2-Fluorobiphenyl
Concen: 86.41 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.07 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tgt Ion:172 Resp: 337633

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.2	43.8
170	23.1	19.2	28.8

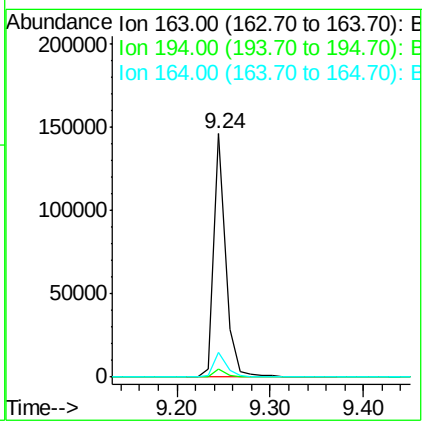


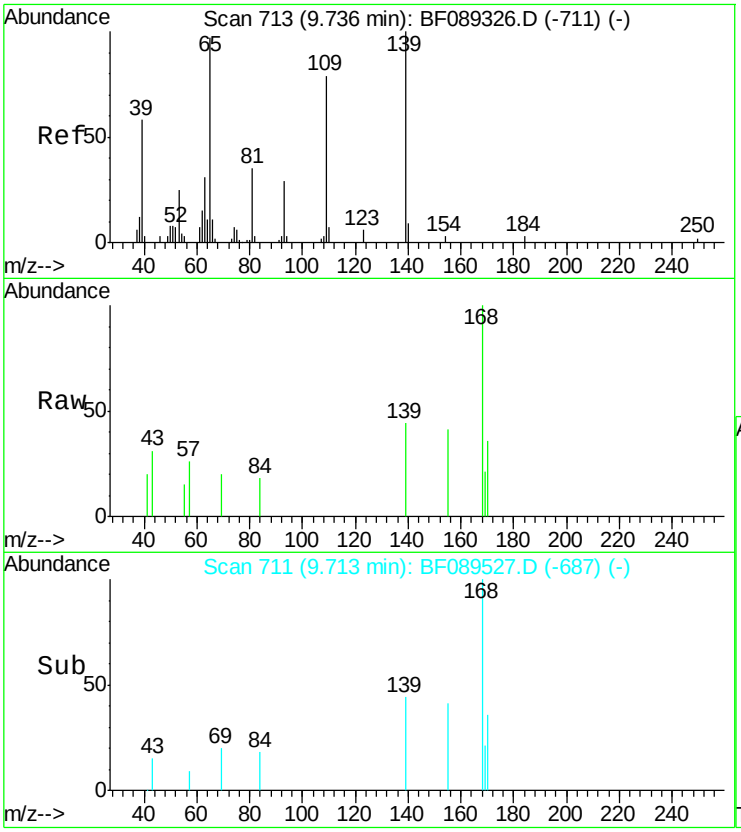


#49
Dimethylphthalate
Concen: 29.61 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.08 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion:163 Resp: 129242

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.3	7.8	11.8



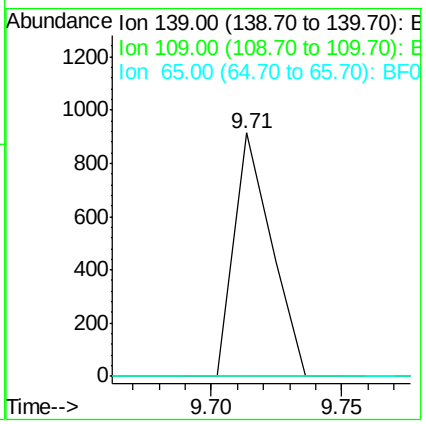


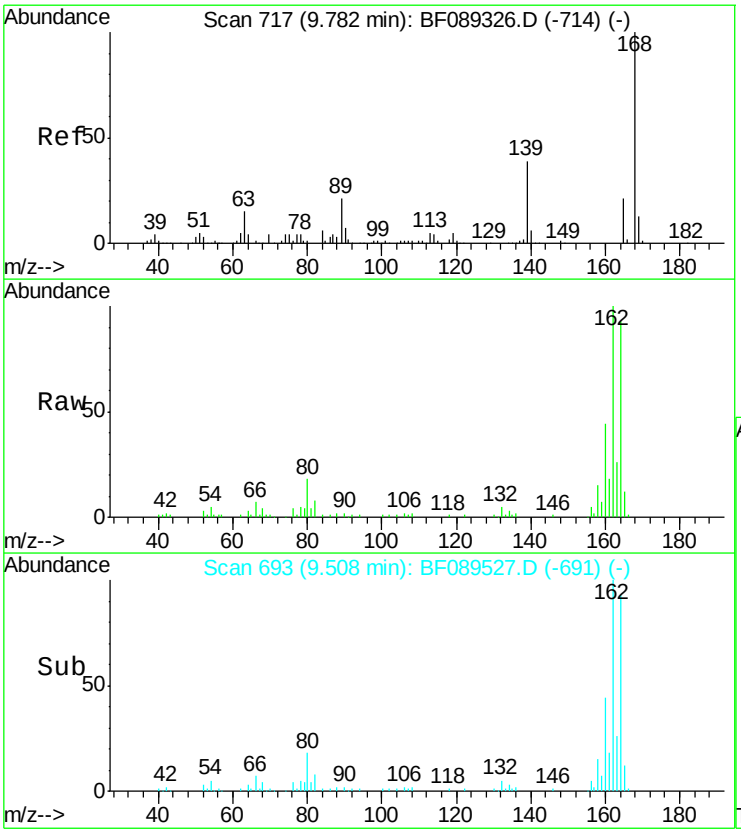
#55
4-Nitrophenol
Concen: 8.03 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tgt Ion:139 Resp: 921

Ion	Ratio	Lower	Upper
139	100		
109	0.0	57.8	97.8#
65	0.0	81.7	121.7#

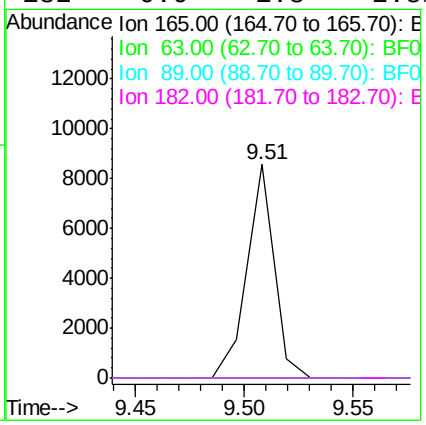


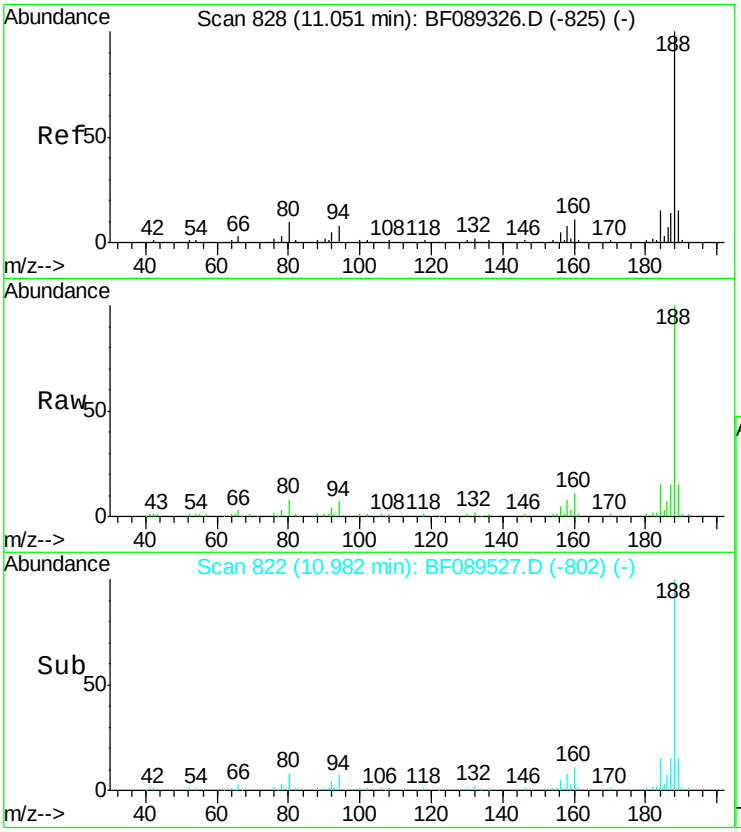


#56
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.27 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion:165 Resp: 7484

Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#



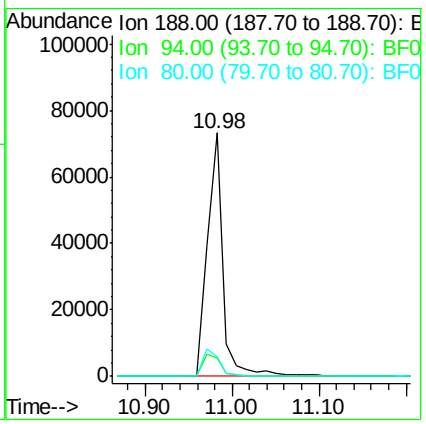


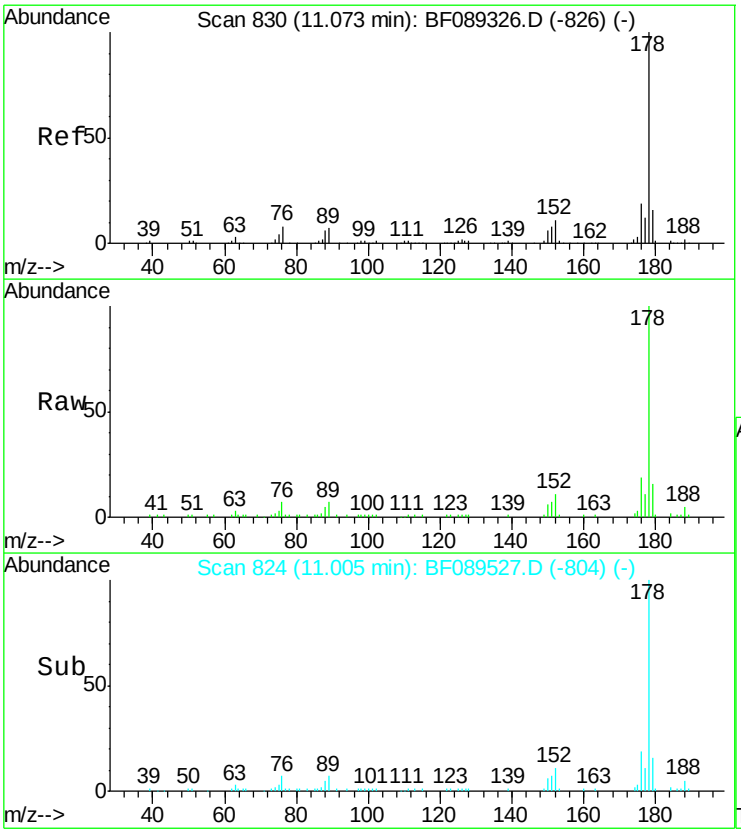
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.07 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tgt Ion:188 Resp: 91216

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.5	9.7
80	8.3	7.2	10.8

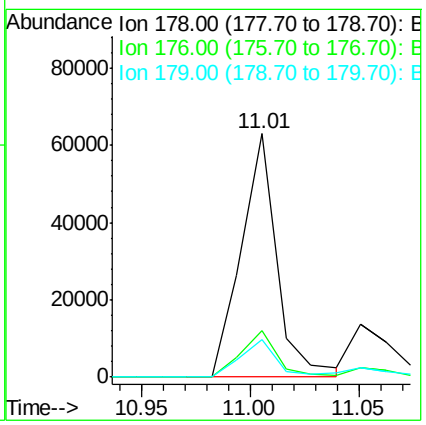


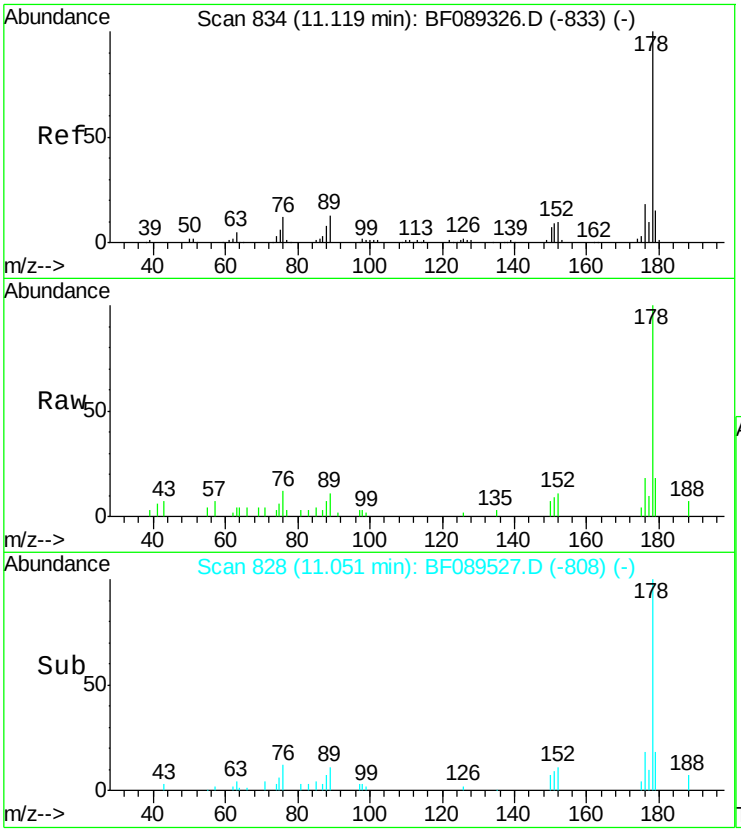


#70
Phenanthrene
Concen: 15.30 ng
RT: 11.01 min Scan# 824
Delta R.T. -0.07 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion:178 Resp: 71959

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.5	12.3	18.5



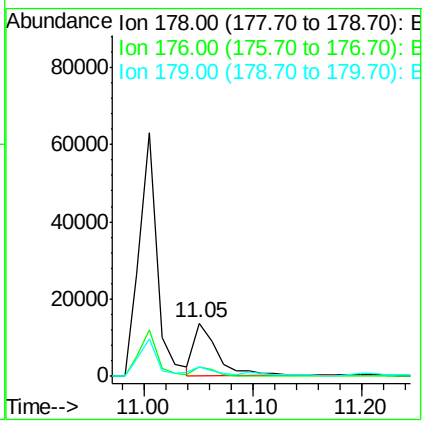


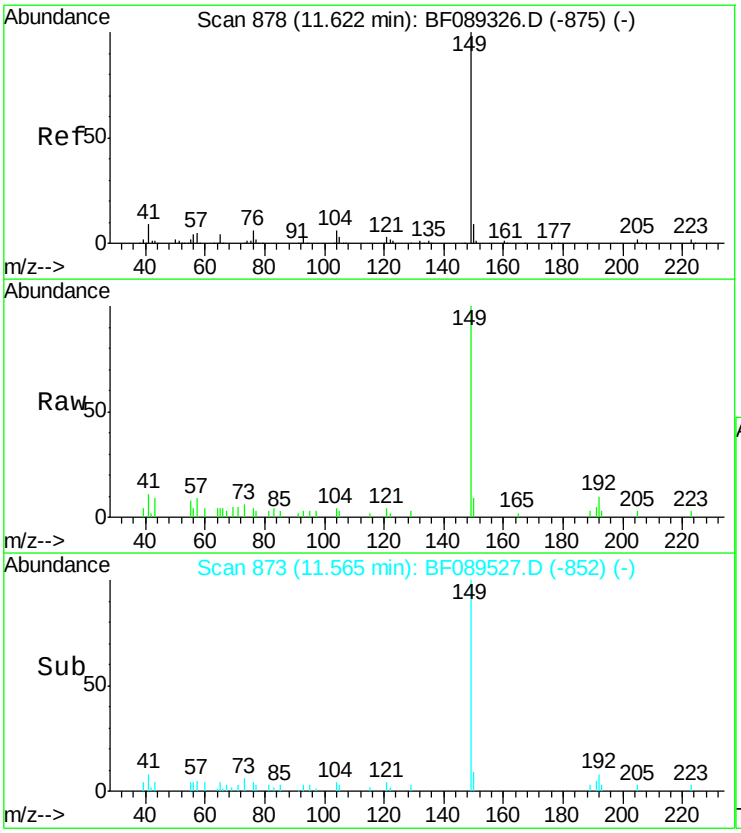
#71
Anthracene
Concen: 3.93 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.07 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tgt Ion:178 Resp: 20580

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	18.3	12.6	18.8

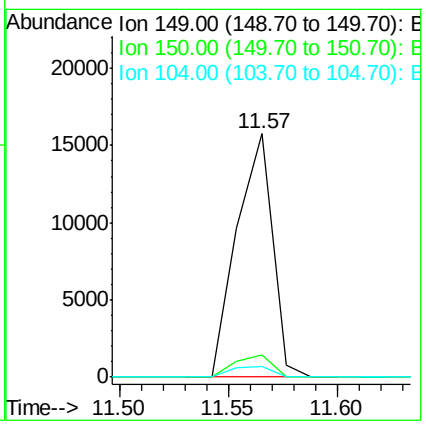


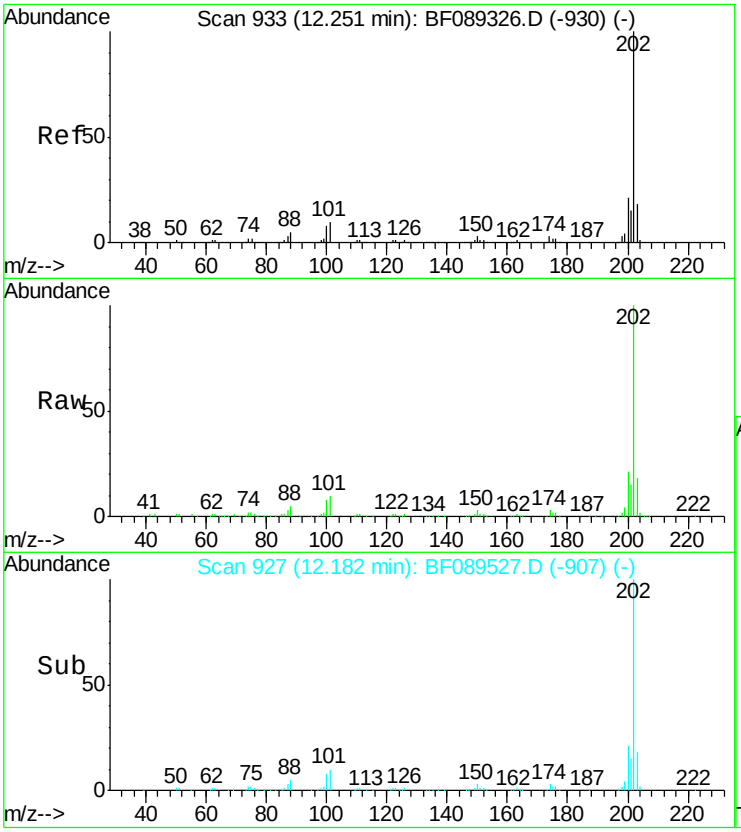


#73
Di-n-butylphthalate
Concen: 3.04 ng
RT: 11.57 min Scan# 873
Delta R.T. -0.06 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion:149 Resp: 17984

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.2	4.7	7.1#



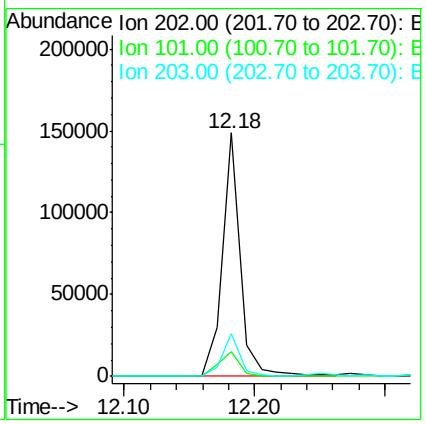


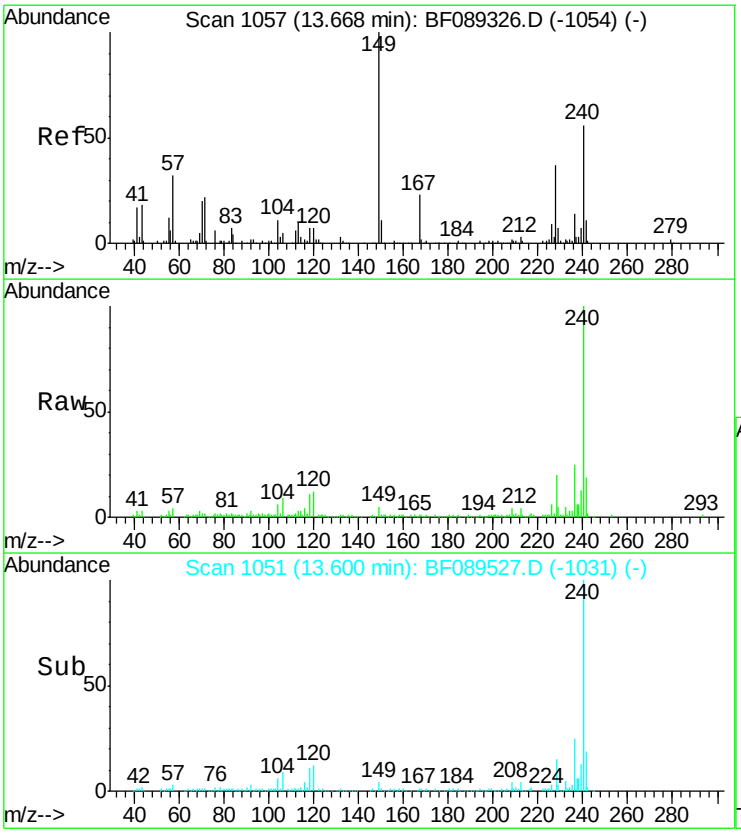
#74
Fluoranthene
Concen: 29.12 ng
RT: 12.18 min Scan# 927
Delta R.T. -0.07 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tgt Ion:202 Resp: 144128

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.9
203	17.6	0.0	37.3

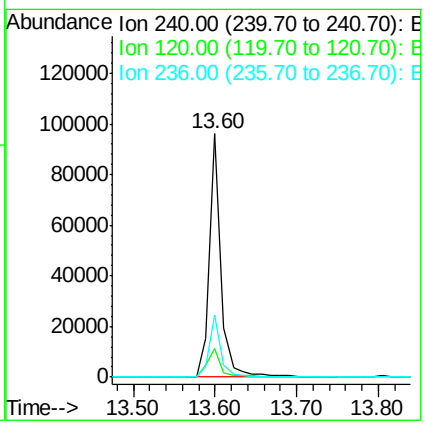


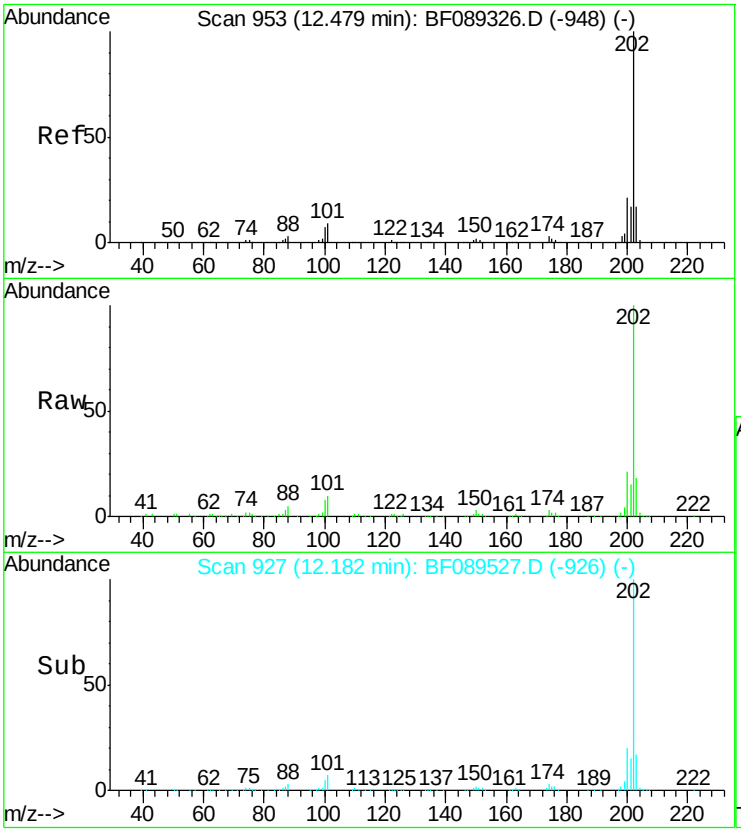


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.07 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion:240 Resp: 97114

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.1	13.7
236	25.4	20.6	30.8



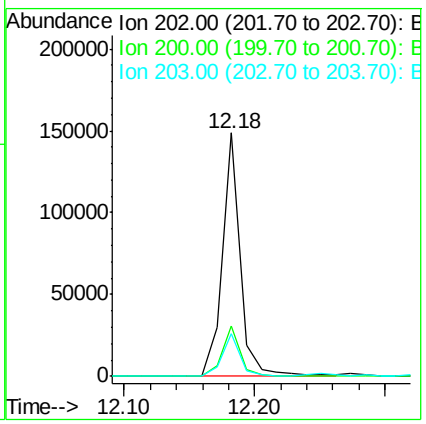


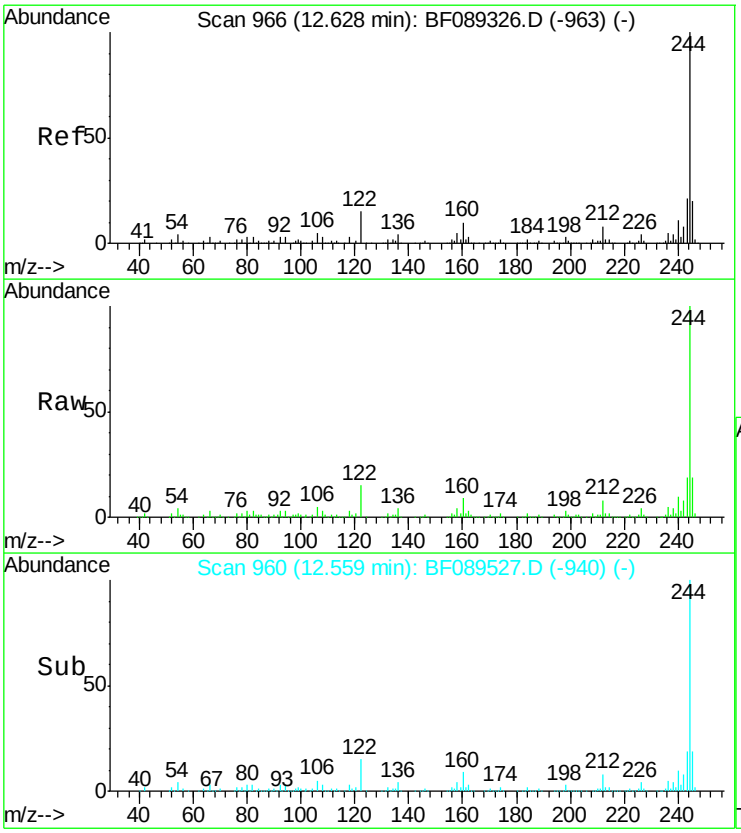
#77
Pyrene
Concen: 19.58 ng
RT: 12.18 min Scan# 927
Delta R.T. -0.29 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tgt Ion:202 Resp: 144128

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.6	14.0	21.0

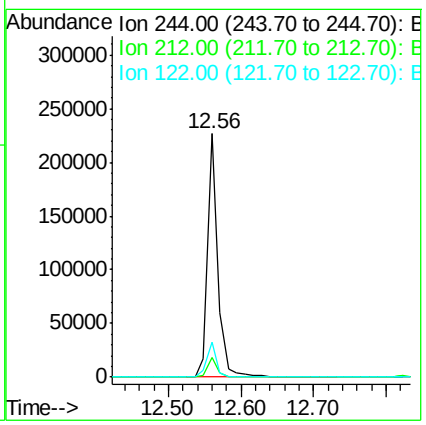


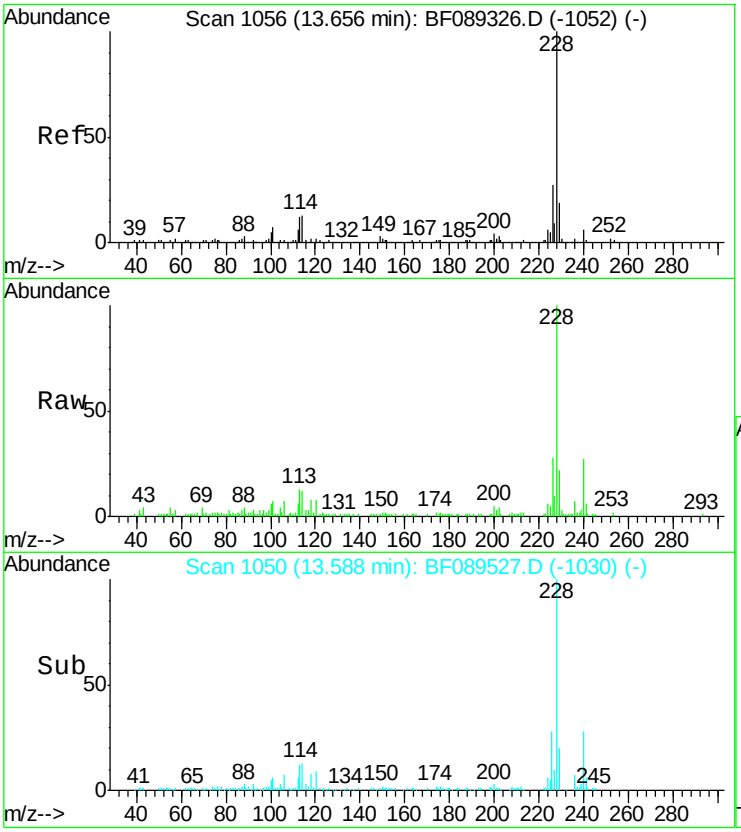


#78
Terphenyl-d14
Concen: 53.68 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.07 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion:244 Resp: 222755

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	14.6	11.4	17.0



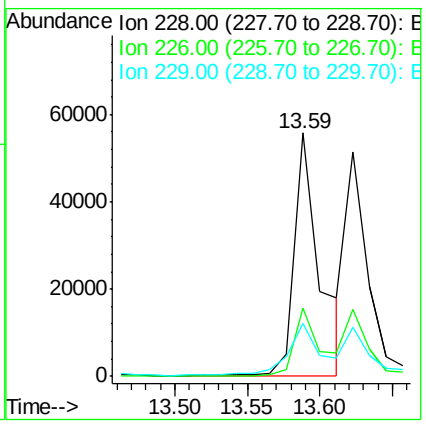


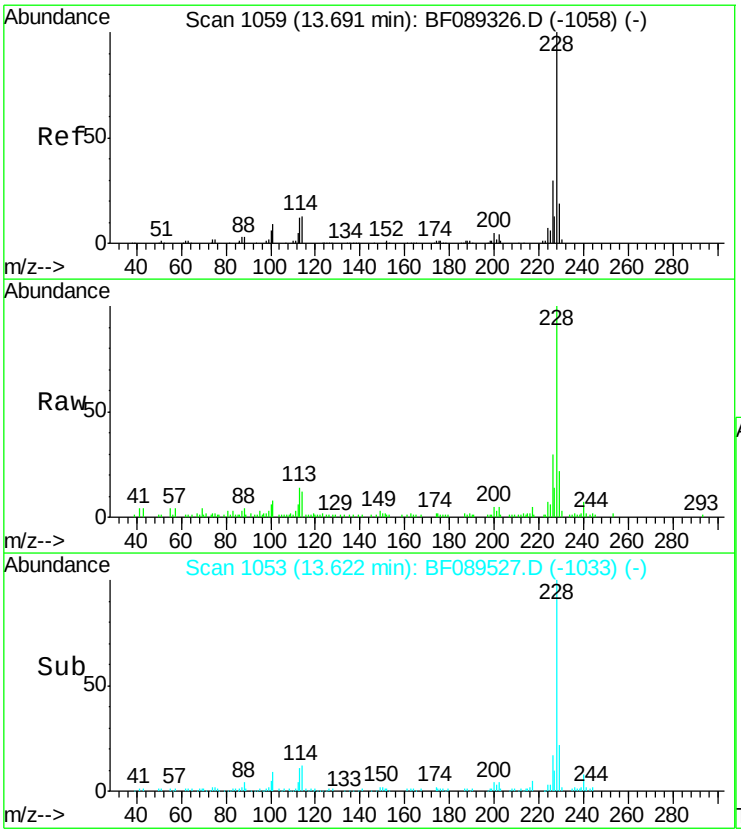
#80
Benzo(a)anthracene
Concen: 12.56 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.07 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tgt Ion:228 Resp: 68860

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.4	32.2
229	21.6	15.9	23.9

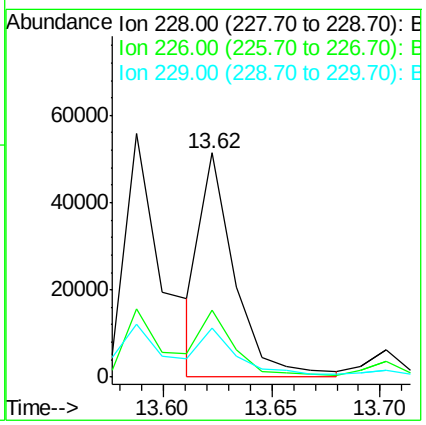


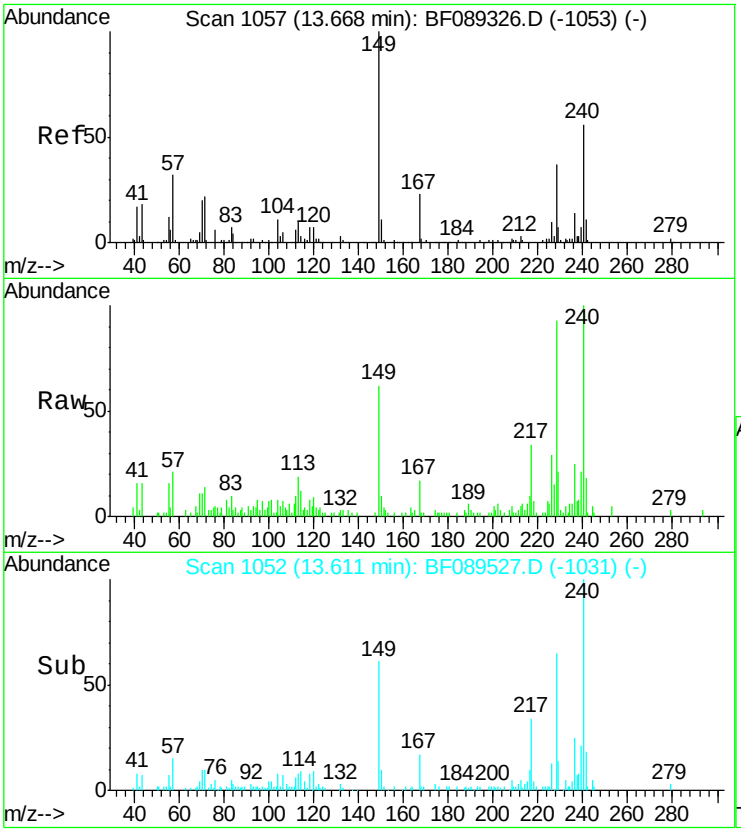


#82
Chrysene
Concen: 9.49 ng
RT: 13.62 min Scan# 1053
Delta R.T. -0.07 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion:228 Resp: 55389

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	22.0	15.9	23.9



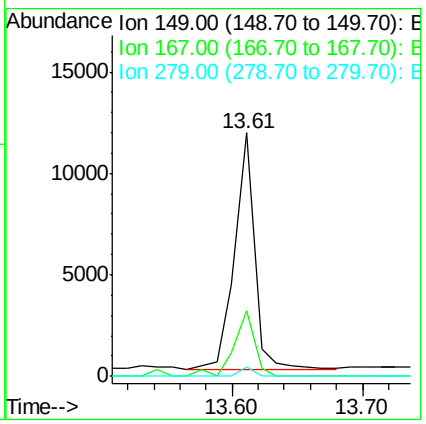


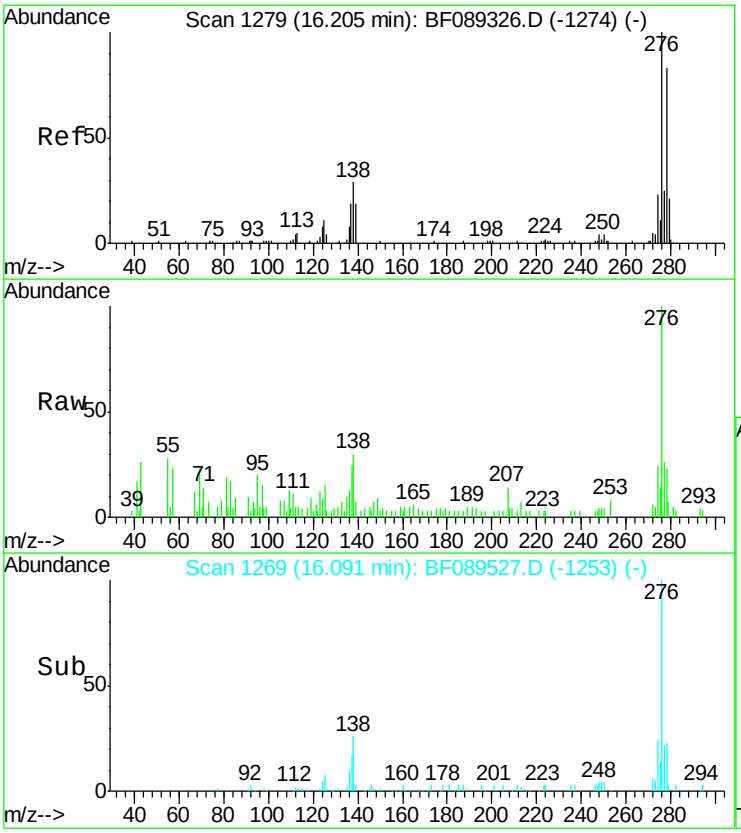
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.58 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.06 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tgt Ion:149 Resp: 12477

Ion	Ratio	Lower	Upper
149	100		
167	26.8	18.8	28.2
279	4.1	1.4	2.0#





#85
Indeno(1,2,3-cd)pyrene
Concen: 6.14 ng
RT: 16.09 min Scan# 1269
Delta R.T. -0.11 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion:276 Resp: 25485

Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.0	34.4
277	31.7	20.2	30.4#