Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097722.D
Acq On : 16 Aug 2017 6:23
Operator : SJ/JU
Sample : I4751-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-25-COMP

Quant Time: Aug 16 07:11:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	129747	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	495625	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	195317	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	301662	20.00	ng		0.00
75) Chrysene-d12	13.94	240	280370	20.00	ng		0.00
86) Perylene-d12	15.37	264	224840	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	589647	69.13	ng		0.00
7) Phenol-d6	6.41	99	795044	68.60	ng		0.00
23) Nitrobenzene-d5	7.35	82	472195	51.76	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	96010	56.65	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	631818	47.53	ng		0.00
78) Terphenyl-d14	12.89	244	390495	29.04	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	62831	7.92	ng	#	75
25) Isophorone	7.35	82	471588	24.86	ng	#	67
26) 2-Nitrophenol	7.65	139	341	5.34	ng	#	1
49) Dimethylphthalate	9.54	163	109766	7.69	ng		97
56) 2,4-Dinitrotoluene	9.82	165	25125	7.03	ng	#	35
64) 4,6-Dinitro-2-methylphenol	10.60	198	123	8.39	ng	#	1
66) 4-Bromophenyl-phenylether	10.60	248	6498	2.07	ng	#	1
70) Phenanthrene	11.33	178	46816	2.91	ng		98
74) Fluoranthene	12.51	202	58835	3.51	ng		98
77) Pyrene	12.74	202	59245	2.58	ng		96
80) Benzo(a)anthracene	13.96	228	38633	2.30	ng		96
82) Chrysene	13.96	228	38633	2.31	ng		98
85) Indeno(1,2,3-cd)pyrene	16.76	276	24691	2.01	ng		94
87) Benzo(b)fluoranthene	14.96	252	75009	5.29	ng	#	96
88) Benzo(k)fluoranthene	14.96	252	75009	5.63	ng		98
89) Benzo(a)pyrene	15.30	252	35466	2.83	ng	#	93
91) Benzo(g,h,i)perylene	17.17	276	26170	2.46	ng		93

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

Quantitation Report (Not Reviewed)

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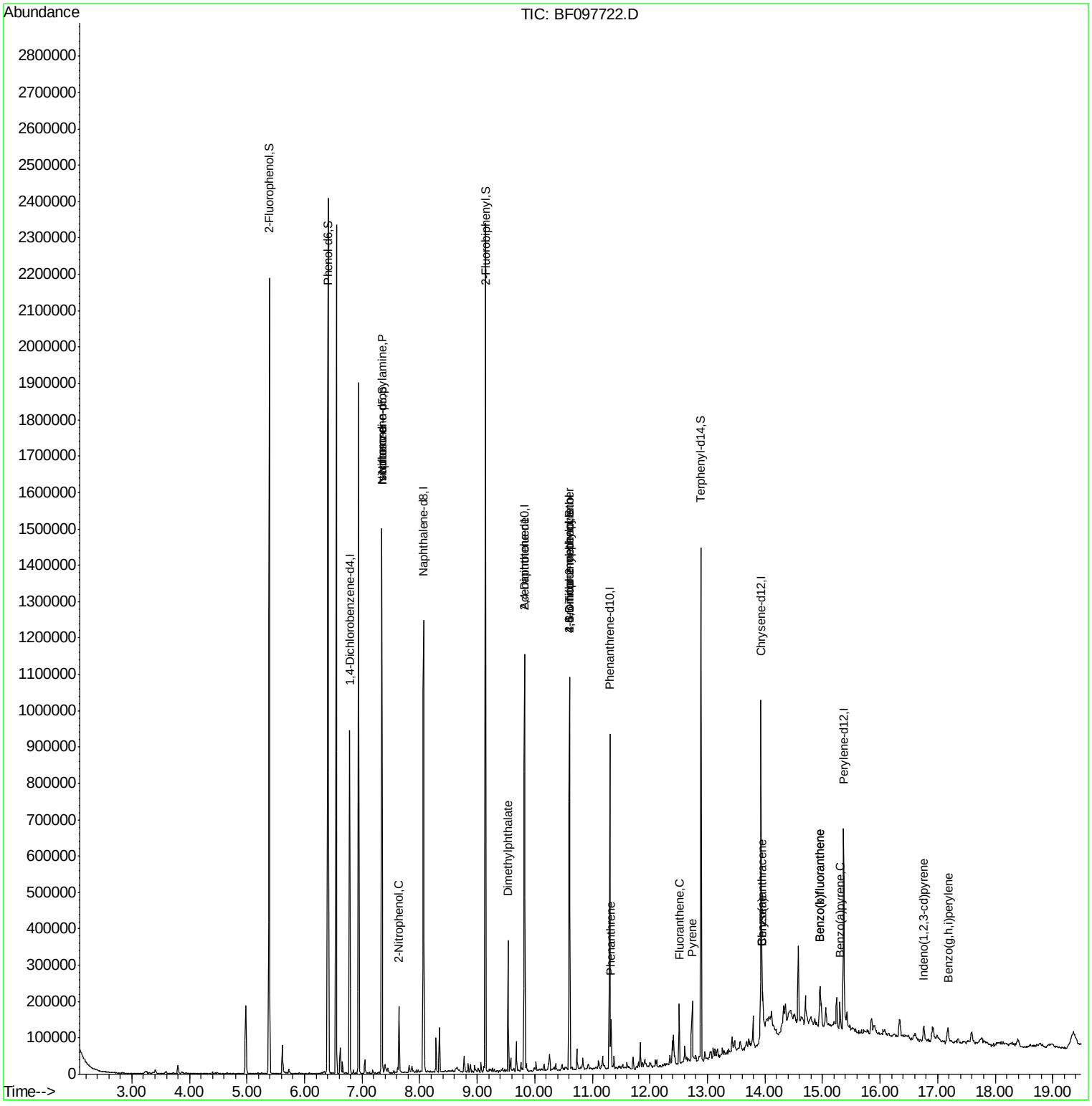
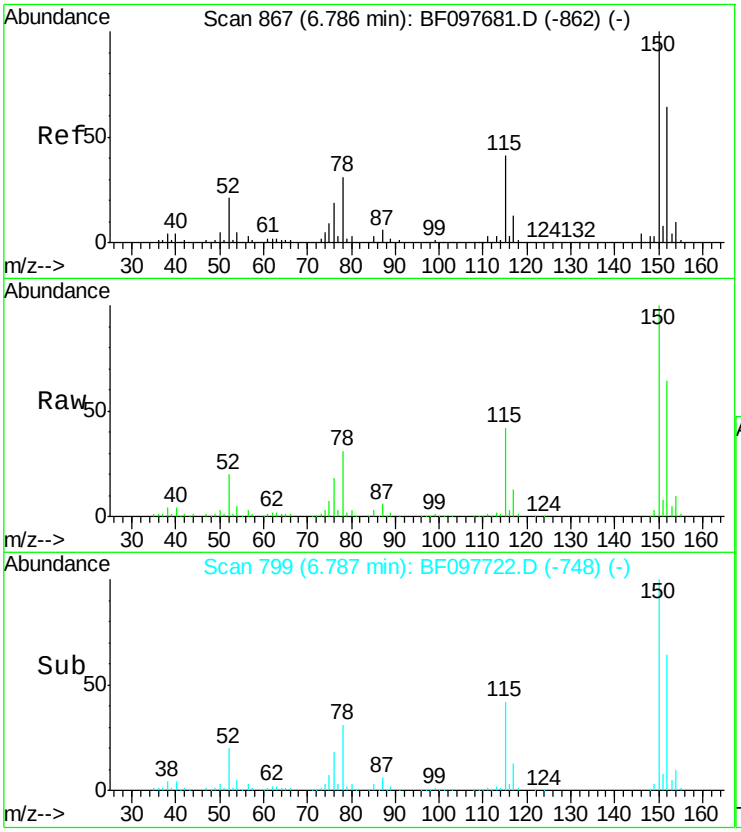


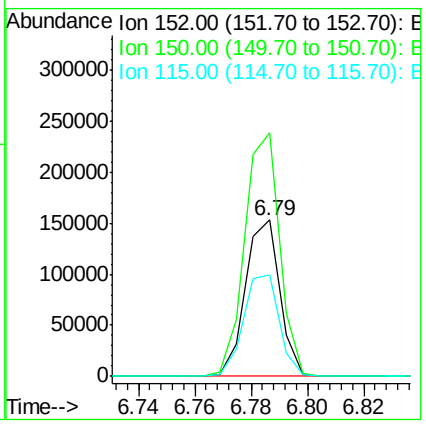


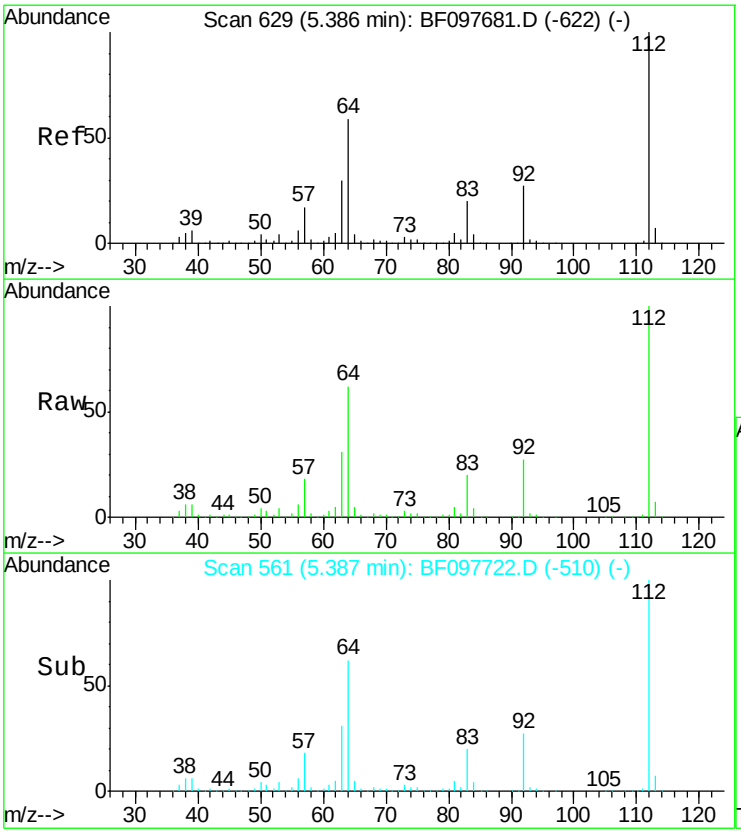
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion:152 Resp: 129747

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	65.4	52.2	78.2

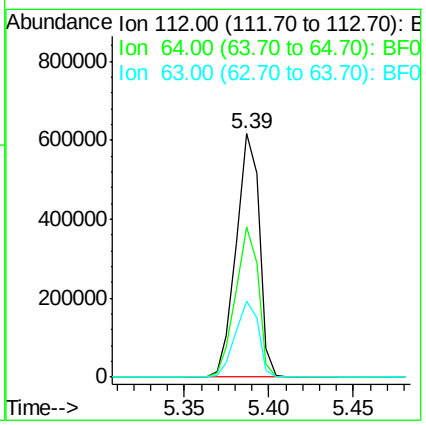


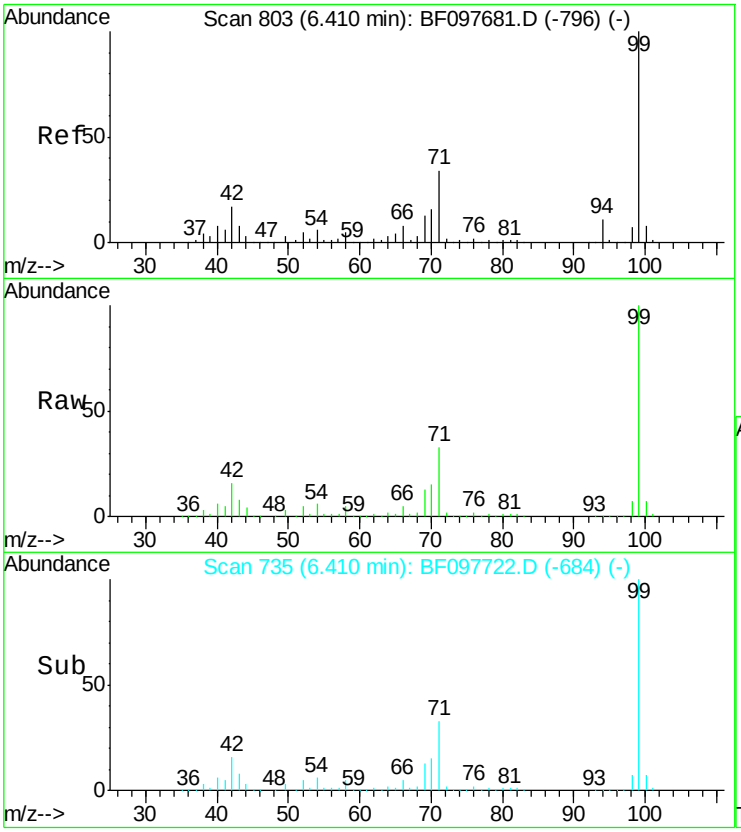


#5
2-Fluorophenol
Concen: 69.13 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion:112 Resp: 589647

Ion	Ratio	Lower	Upper
112	100		
64	61.8	46.0	69.0
63	31.2	23.4	35.0



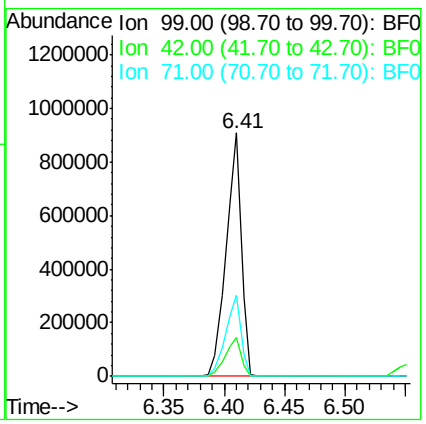


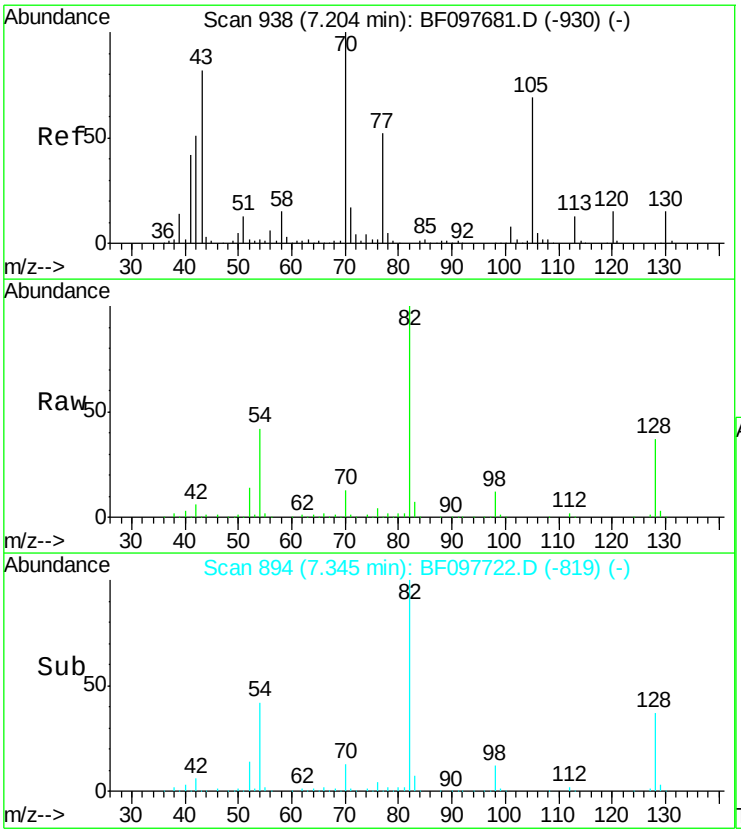
#7
Phenol-d6
Concen: 68.60 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion: 99 Resp: 795044

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	33.1	24.5	36.7

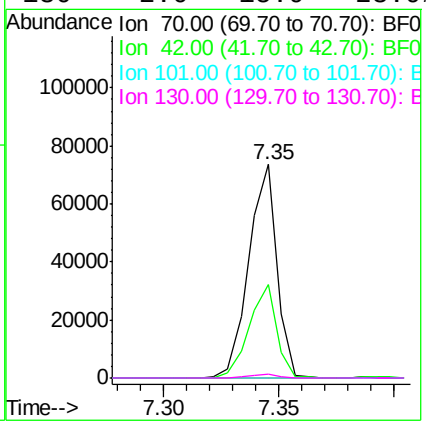


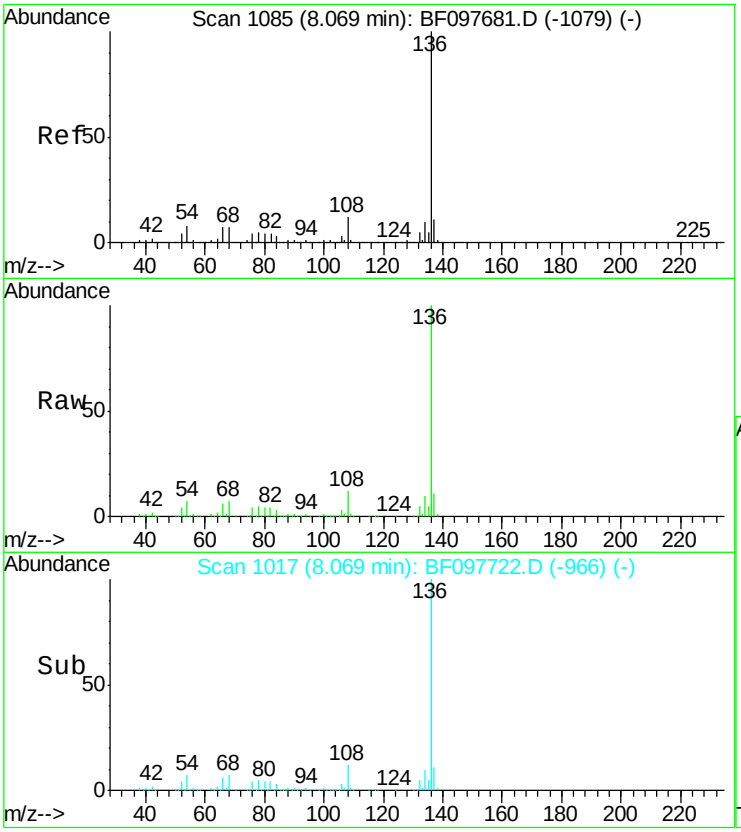


#19
n-Nitroso-di-n-propylamine
Concen: 7.92 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion: 70 Resp: 62831

Ion	Ratio	Lower	Upper
70	100		
42	43.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



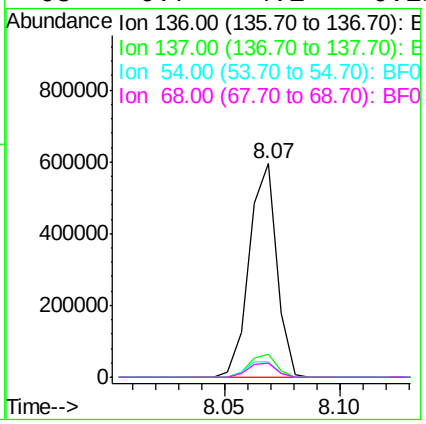


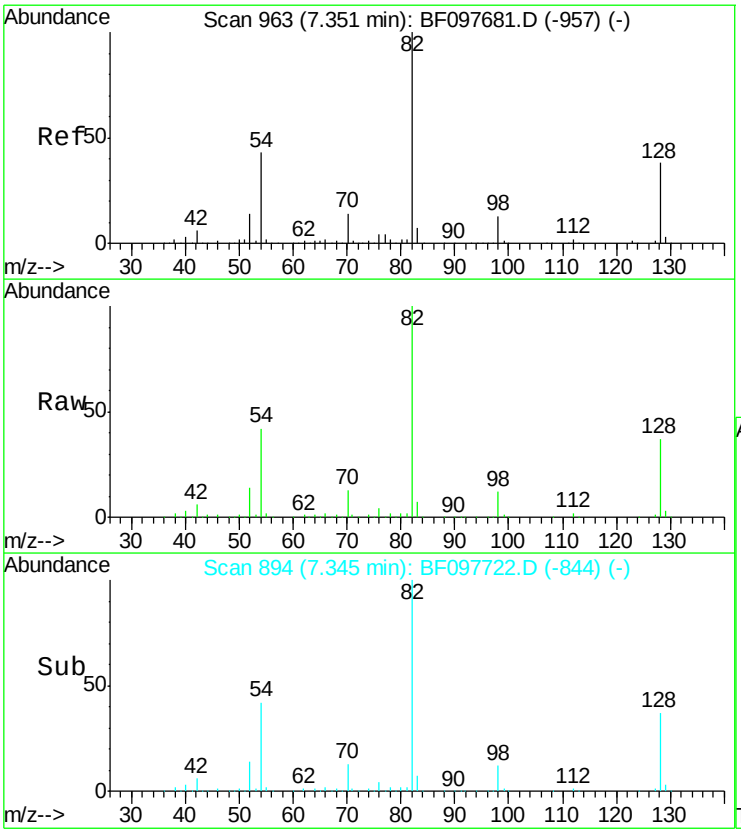
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion:136 Resp: 495625

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.3	4.9	7.3
68	6.7	4.1	6.1#

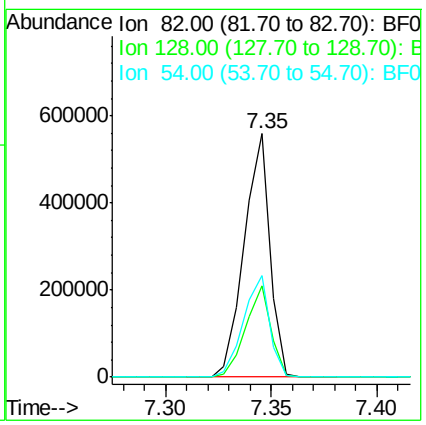


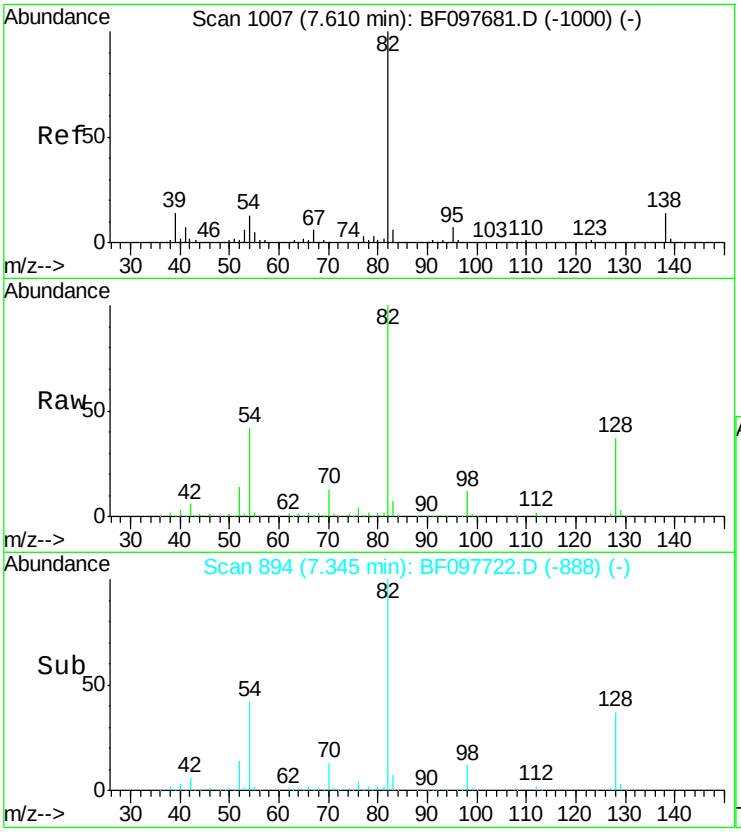


#23
Nitrobenzene-d5
Concen: 51.76 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion: 82 Resp: 472195

Ion	Ratio	Lower	Upper
82	100		
128	37.2	34.0	51.0
54	41.6	42.2	63.2#



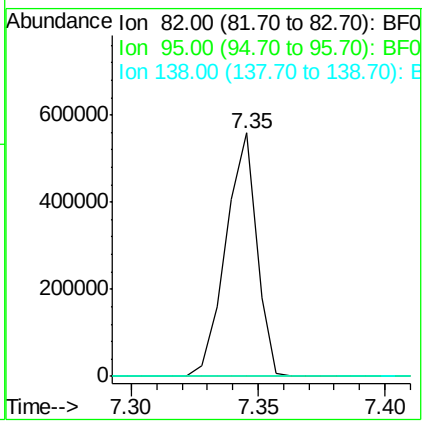


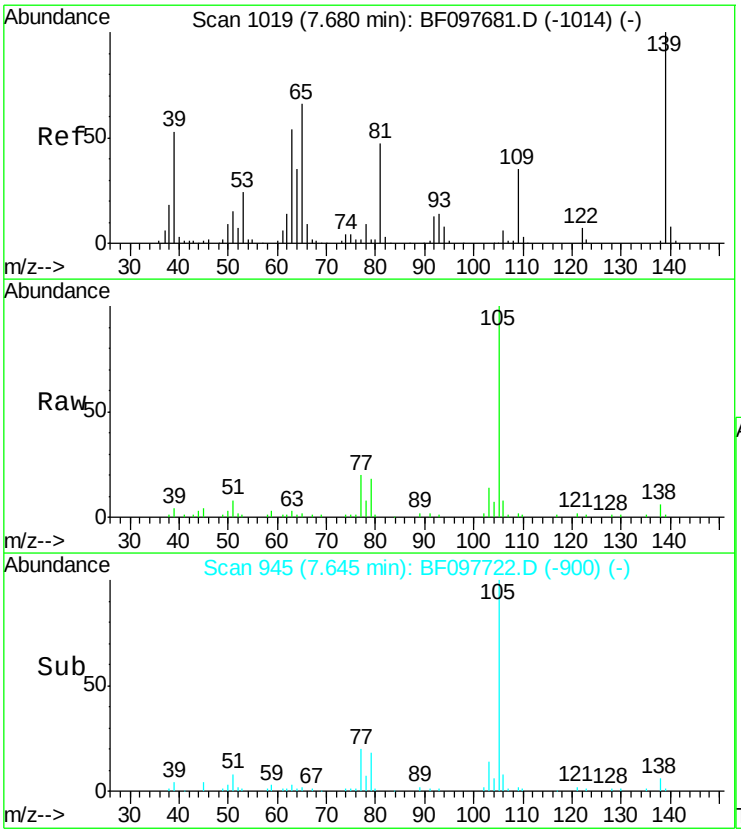
#25
Isophorone
Concen: 24.86 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion: 82 Resp: 471588

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

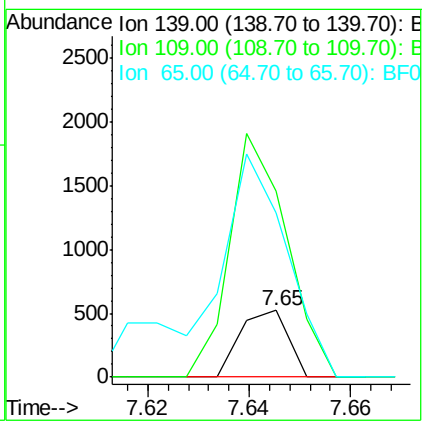


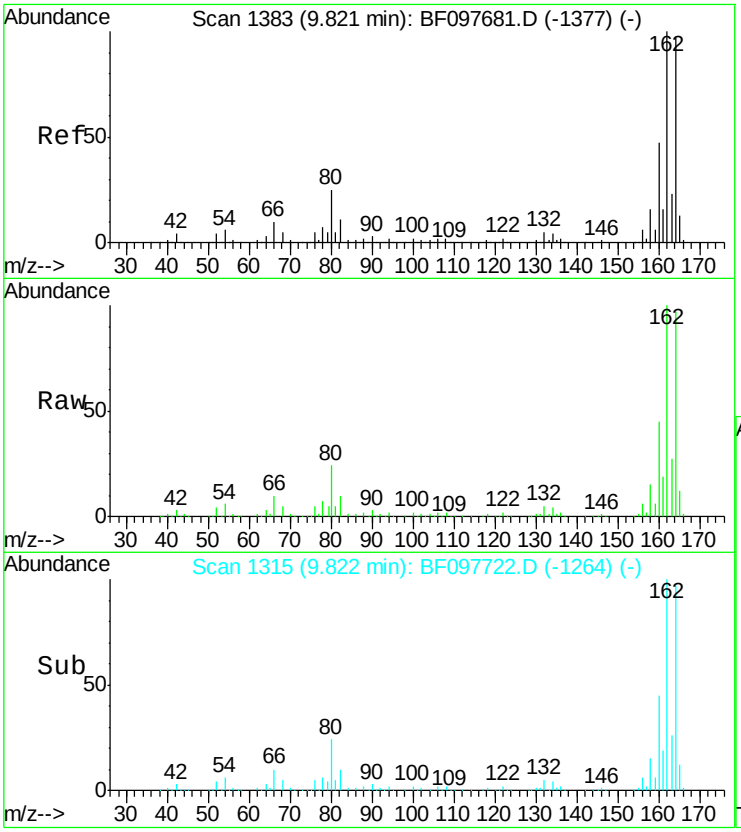


#26
2-Nitrophenol
Concen: 5.34 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion:139 Resp: 341

Ion	Ratio	Lower	Upper
139	100		
109	278.4	21.0	31.6#
65	246.4	33.0	49.6#



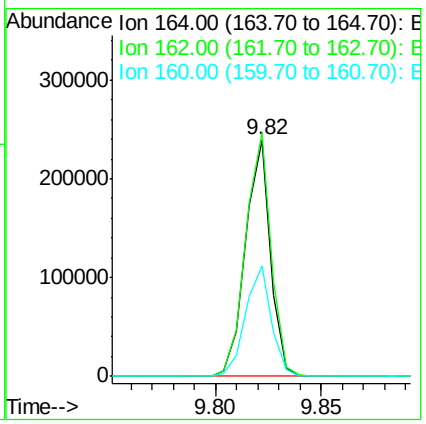


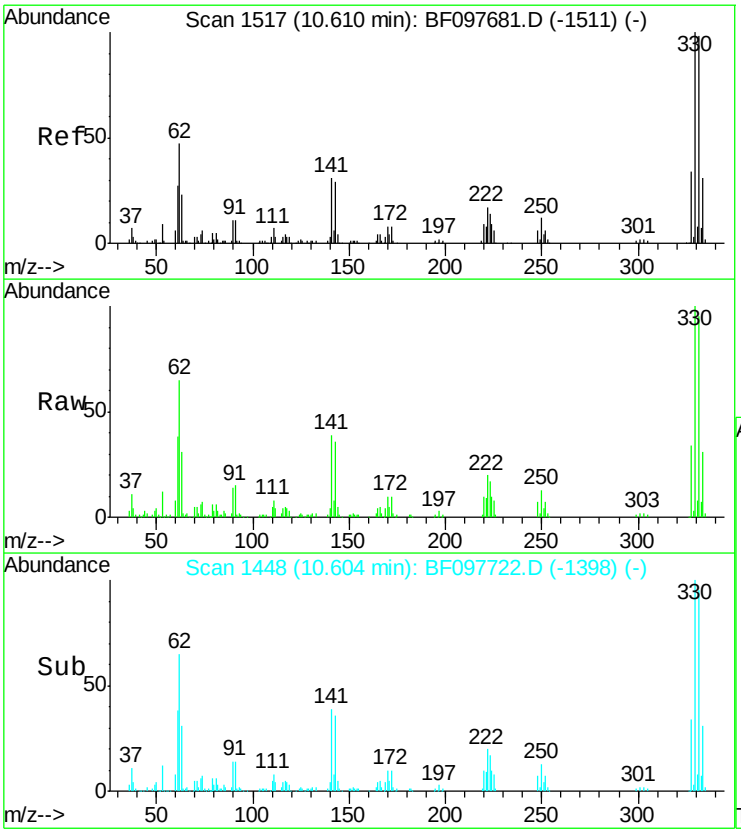
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion:164 Resp: 195317

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	46.9	36.2	54.2

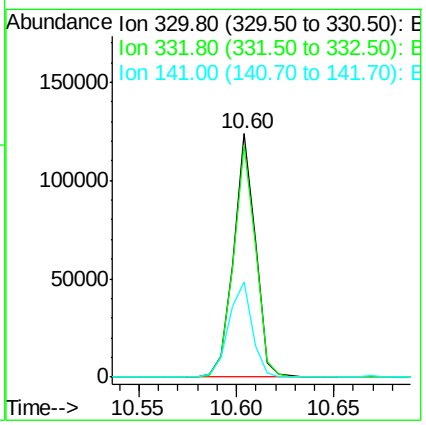


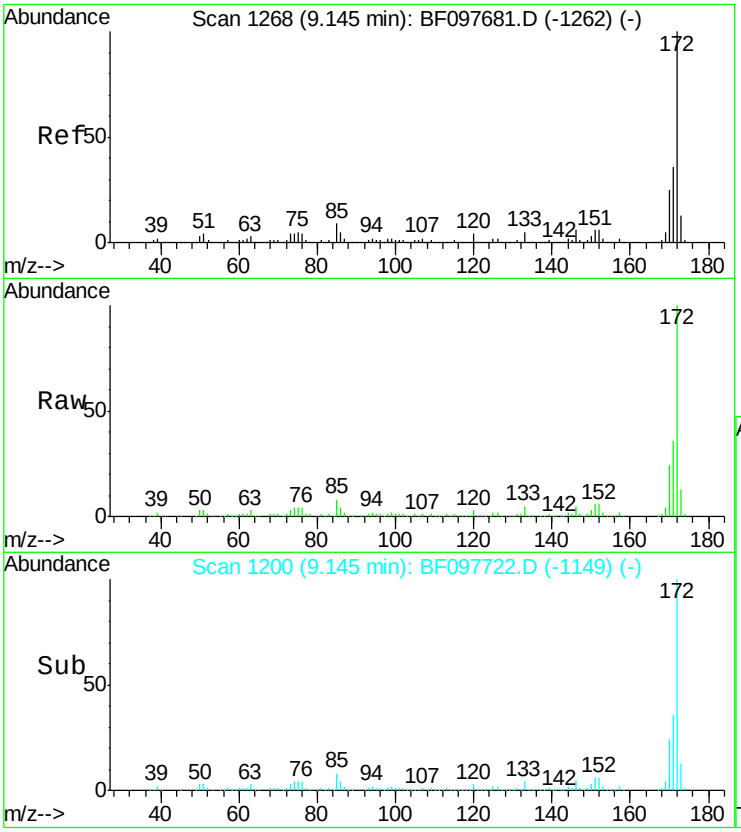


#41
2,4,6-Tribromophenol
Concen: 56.65 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion:330 Resp: 96010

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	41.8	31.4	47.2



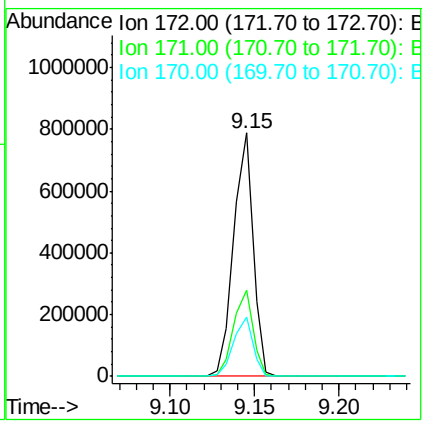


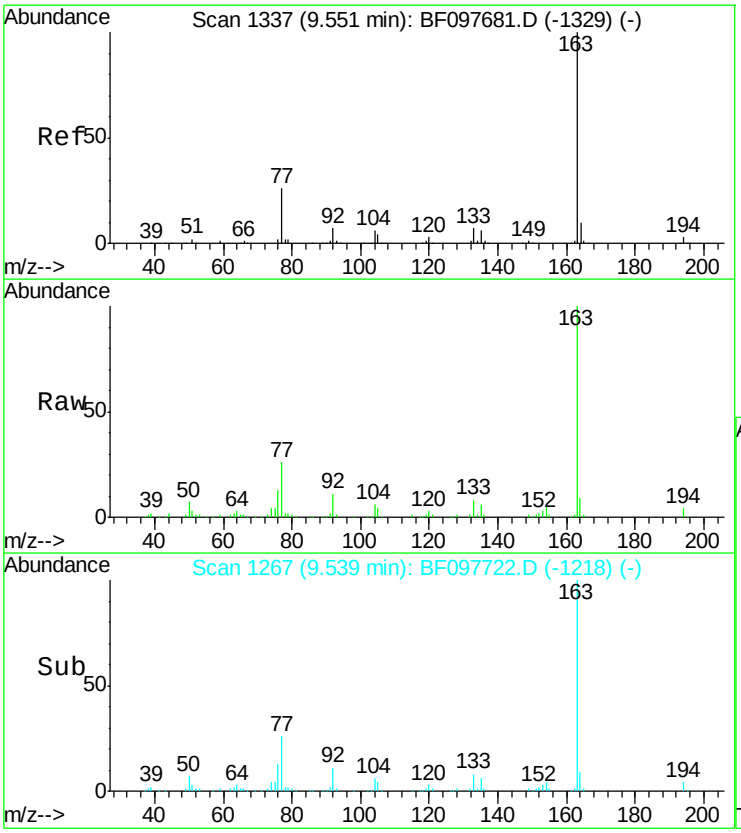
#44
2-Fluorobiphenyl
Concen: 47.53 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion:172 Resp: 631818

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.1	19.8	29.8

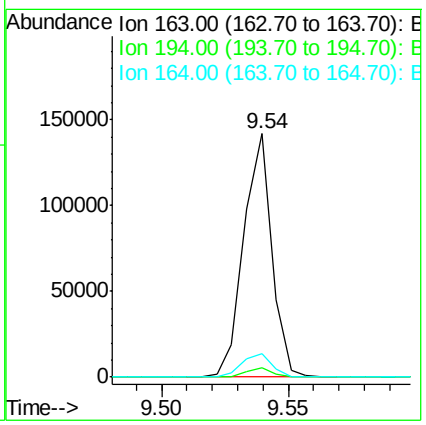


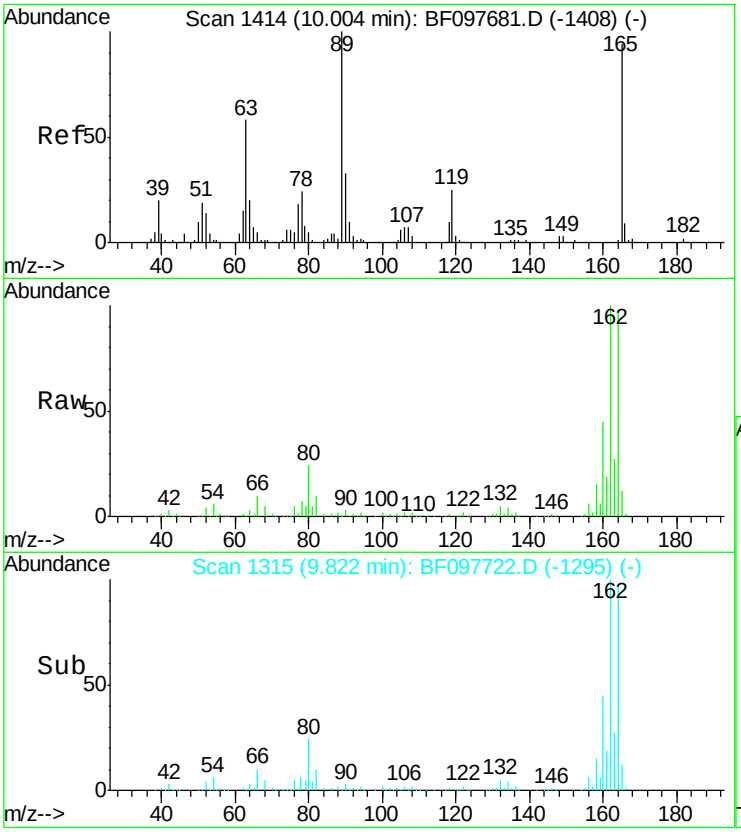


#49
Dimethylphthalate
Concen: 7.69 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion:163 Resp: 109766

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	9.5	8.4	12.6



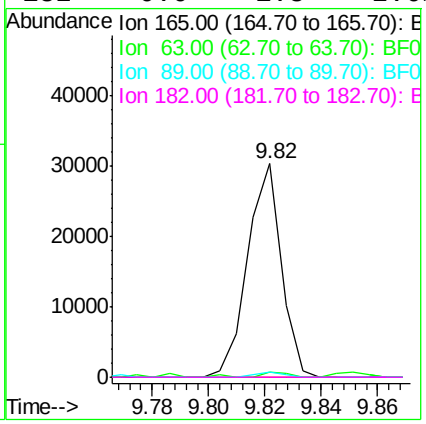


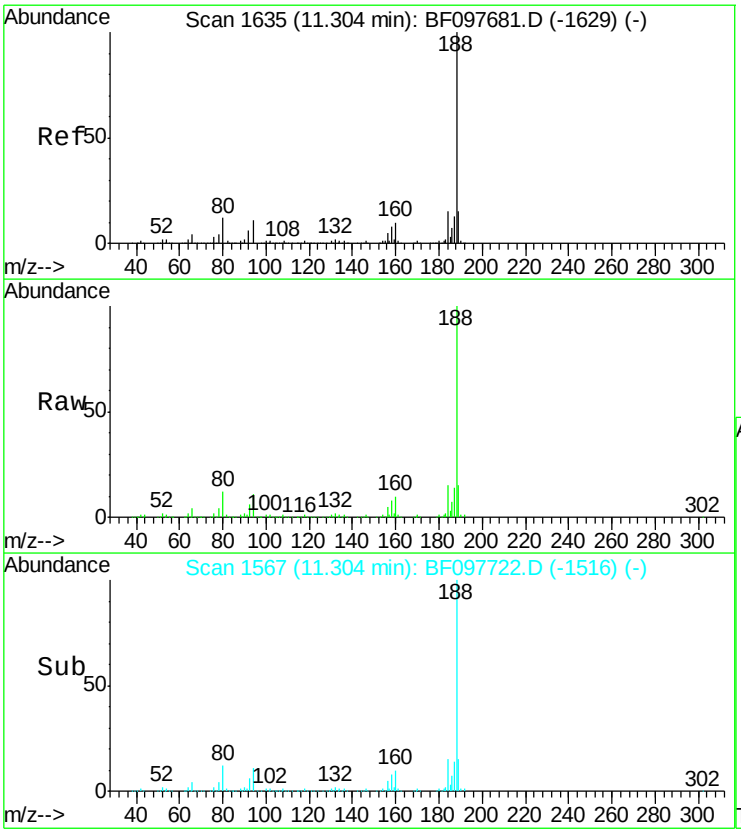
#56
2,4-Dinitrotoluene
Concen: 7.03 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.18 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion:165 Resp: 25125

Ion	Ratio	Lower	Upper
165	100		
63	2.3	25.4	38.0#
89	2.7	46.4	69.6#
182	0.0	1.8	2.6#

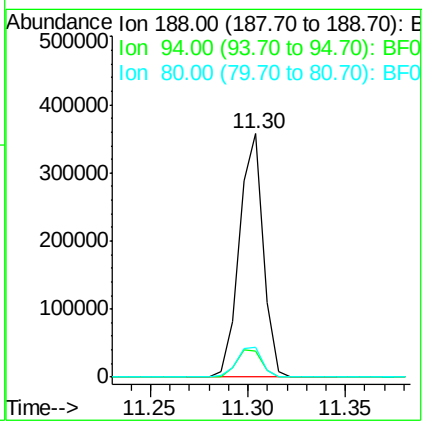


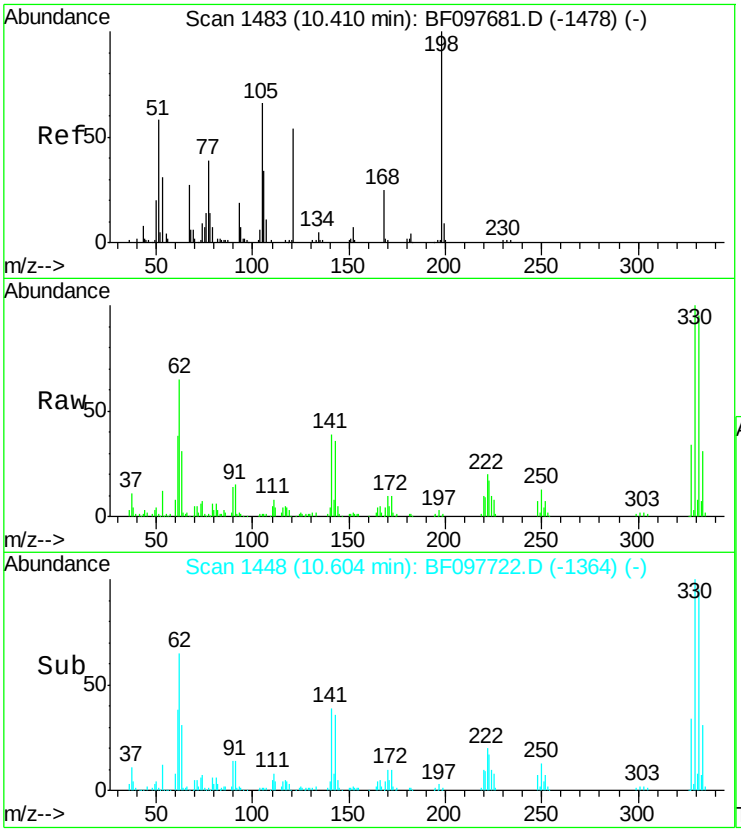


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion:188 Resp: 301662

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	12.0	10.2	15.2



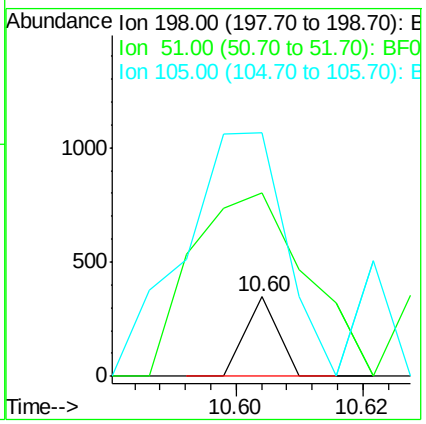


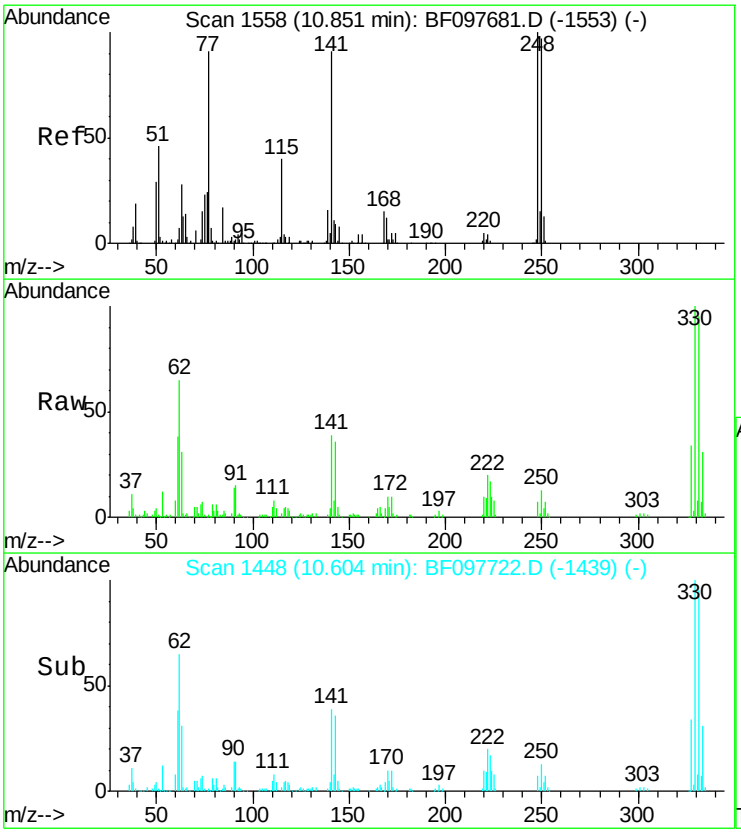
#64
4,6-Dinitro-2-methylphenol
Concen: 8.39 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.19 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion:198 Resp: 123

Ion	Ratio	Lower	Upper
198	100		
51	230.2	53.2	93.2#
105	306.0	45.8	85.8#

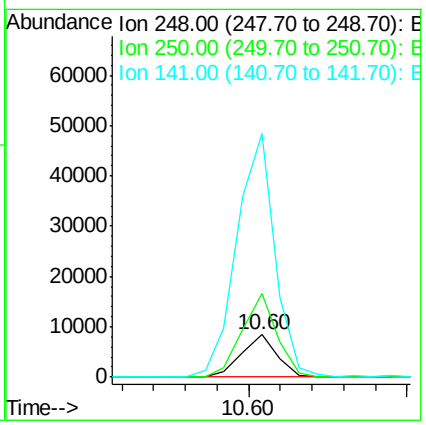


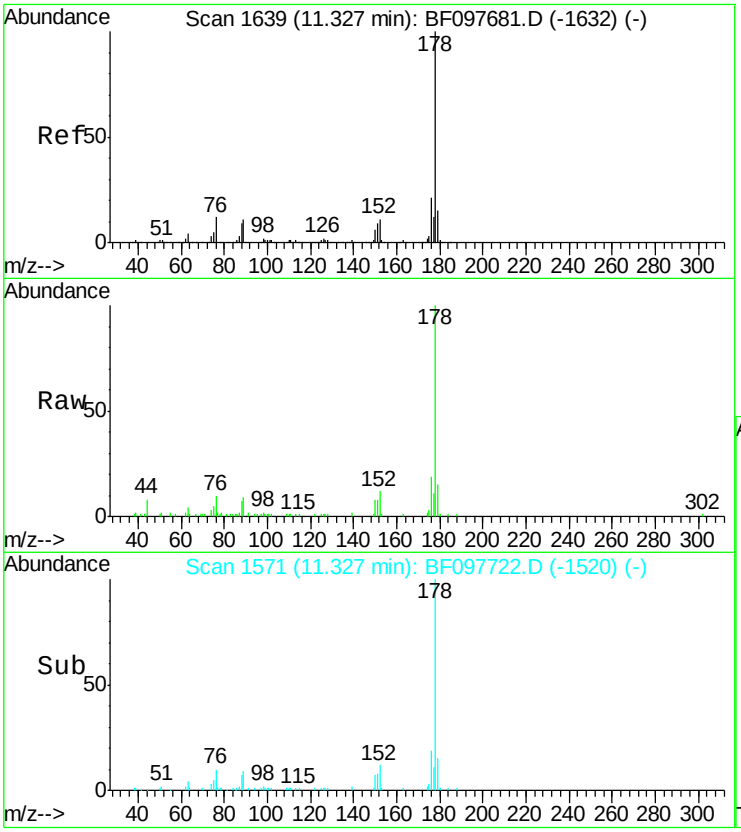


#66
4-Bromophenyl-phenylether
Concen: 2.07 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion:248 Resp: 6498

Ion	Ratio	Lower	Upper
248	100		
250	198.0	76.8	115.2#
141	575.7	68.6	103.0#



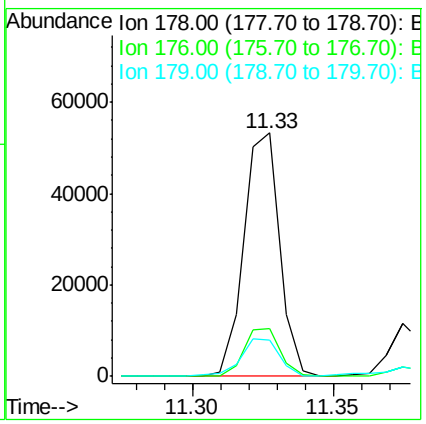


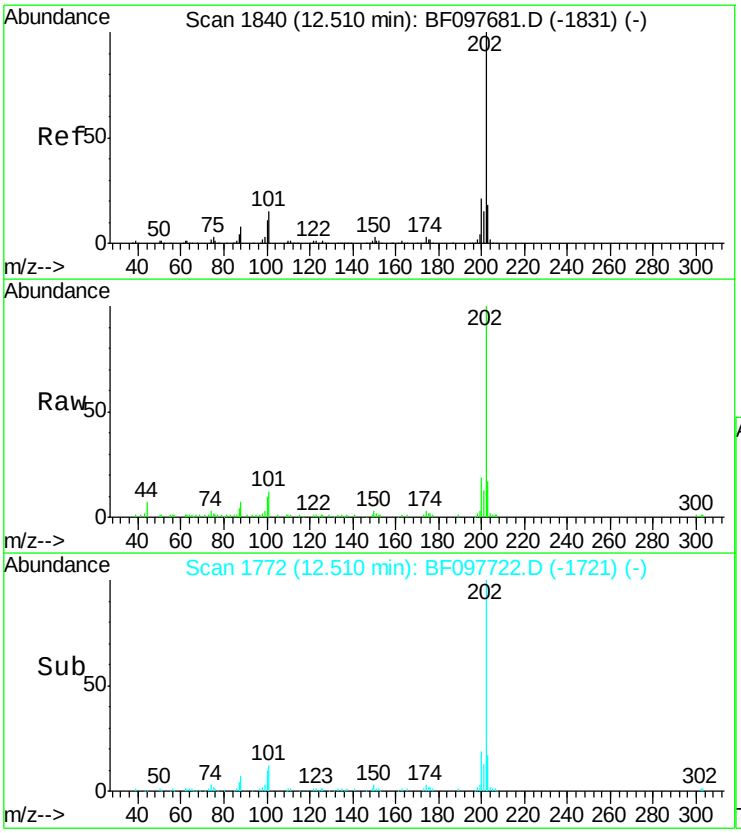
#70
Phenanthrene
Concen: 2.91 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion:178 Resp: 46816

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.0	12.6	19.0

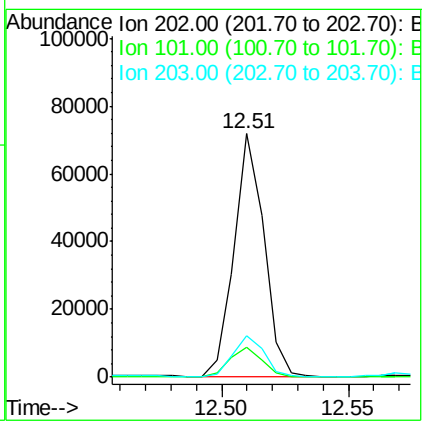


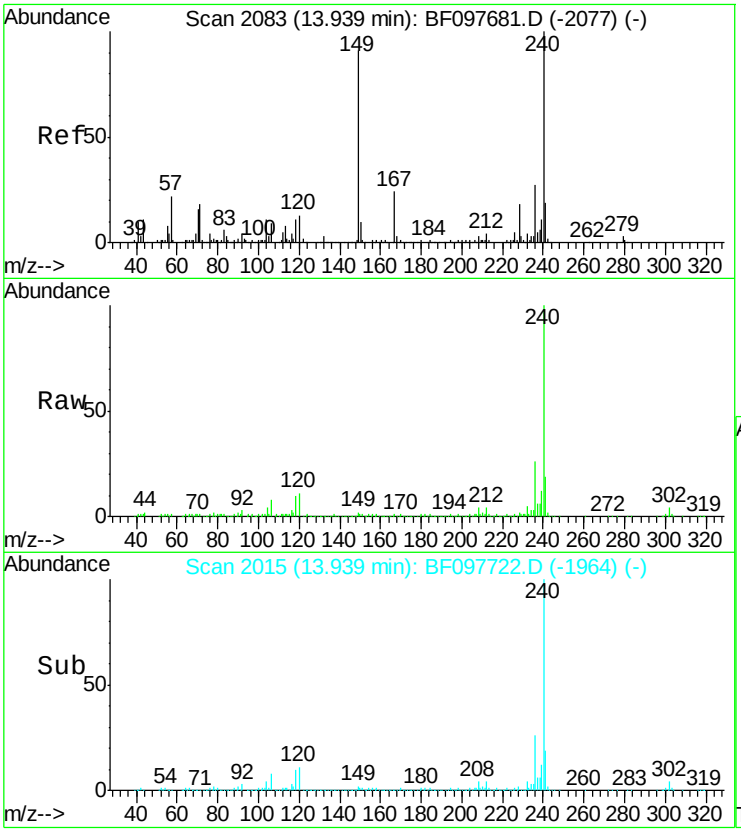


#74
Fluoranthene
Concen: 3.51 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion:202 Resp: 58835

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.1	0.0	38.1



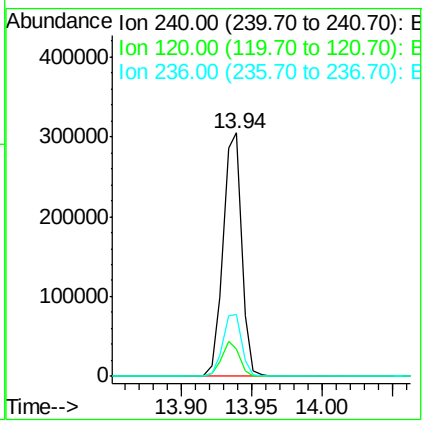


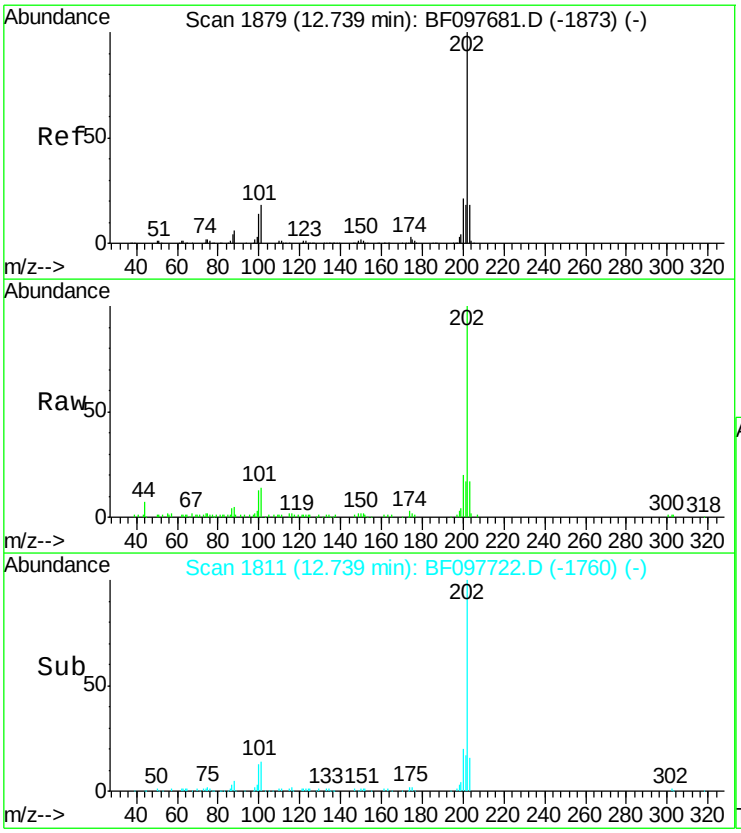
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion:240 Resp: 280370

Ion	Ratio	Lower	Upper
240	100		
120	11.3	5.8	8.8#
236	25.6	20.5	30.7

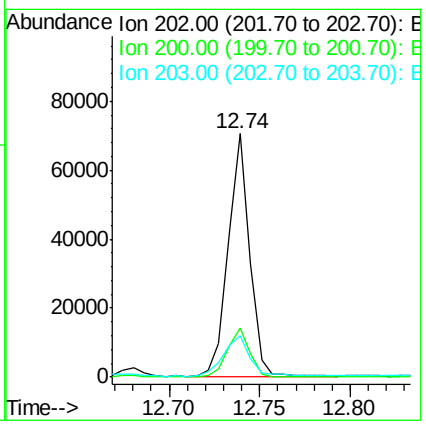


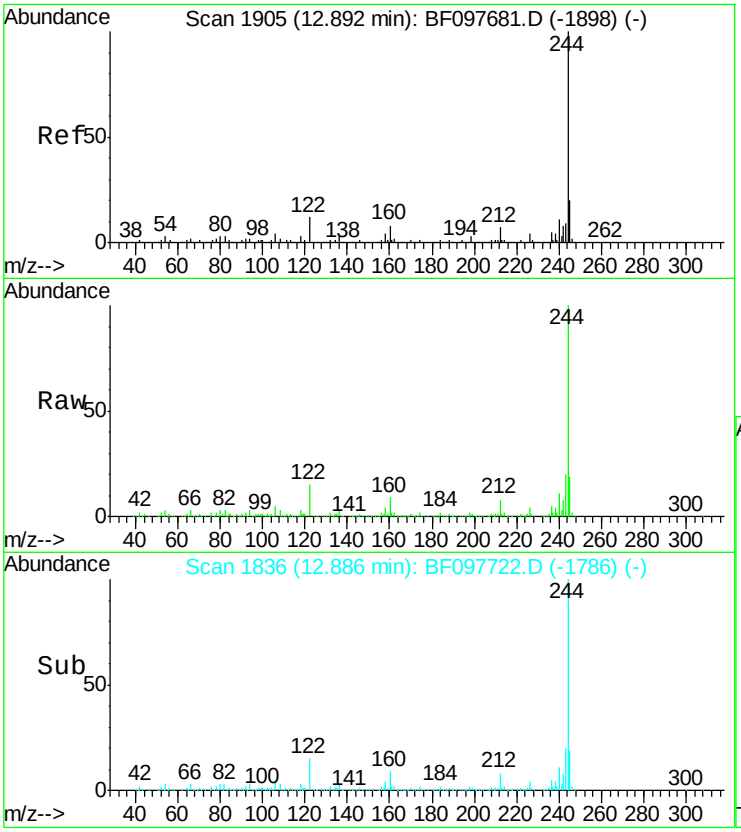


#77
Pyrene
Concen: 2.58 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion:202 Resp: 59245

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.6	26.4
203	16.8	14.4	21.6



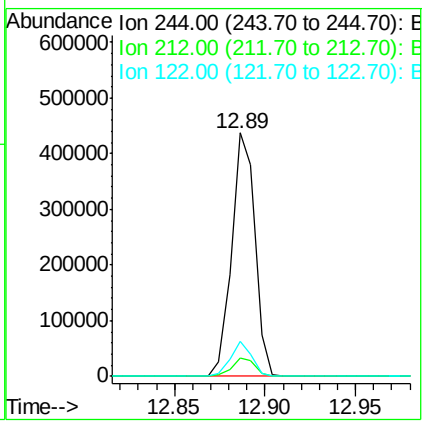


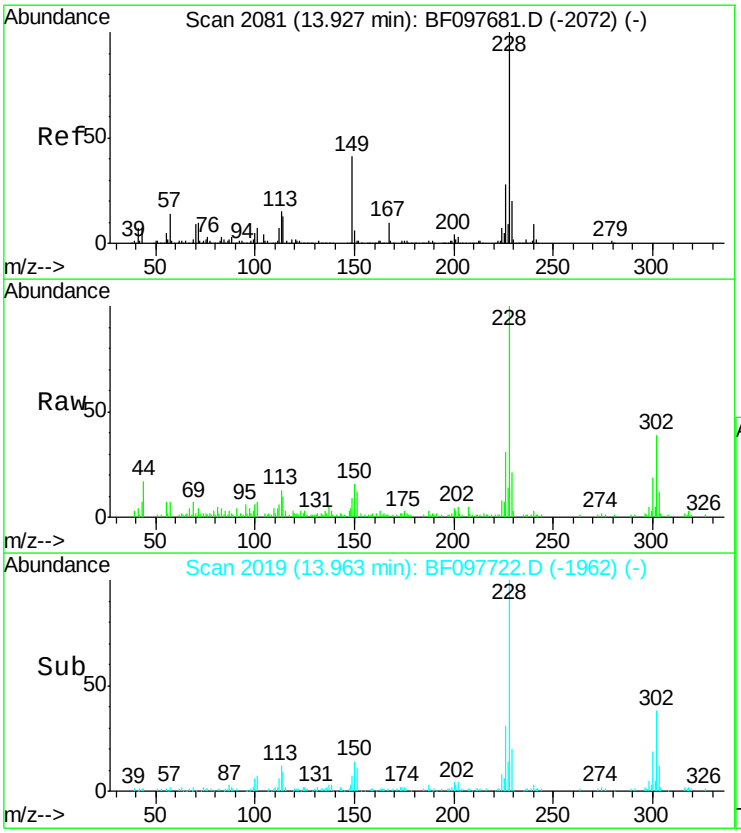
#78
Terphenyl-d14
Concen: 29.04 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion:244 Resp: 390495

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	14.6	10.3	15.5

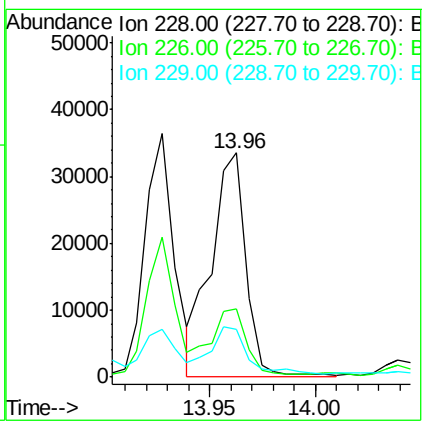


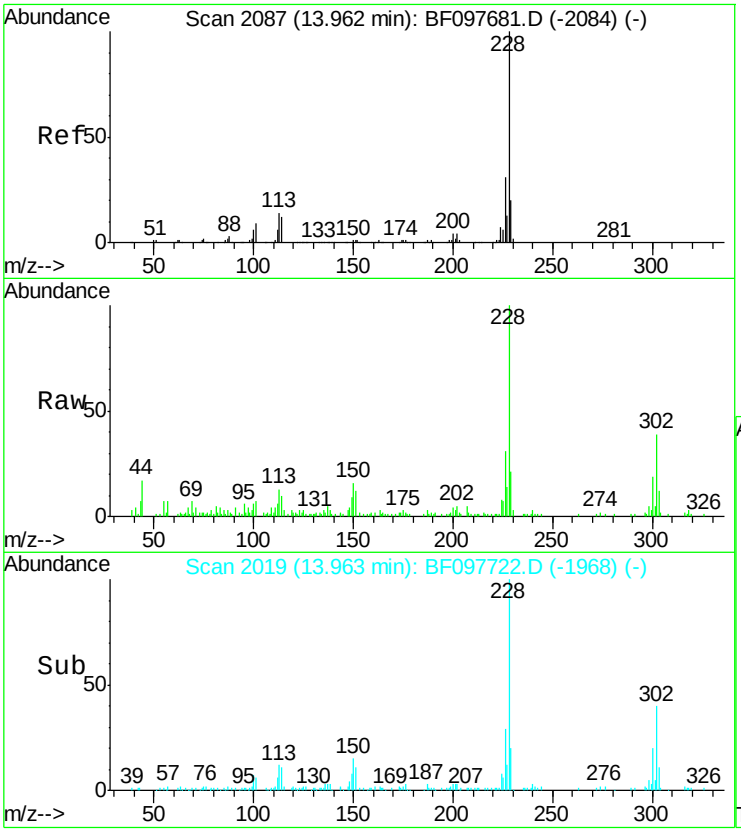


#80
Benzo(a)anthracene
Concen: 2.30 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.04 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion:228 Resp: 38633

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	21.3	16.3	24.5



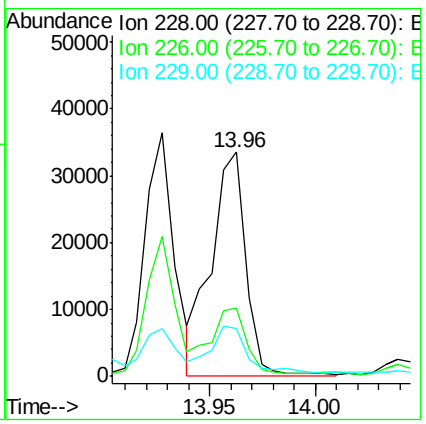


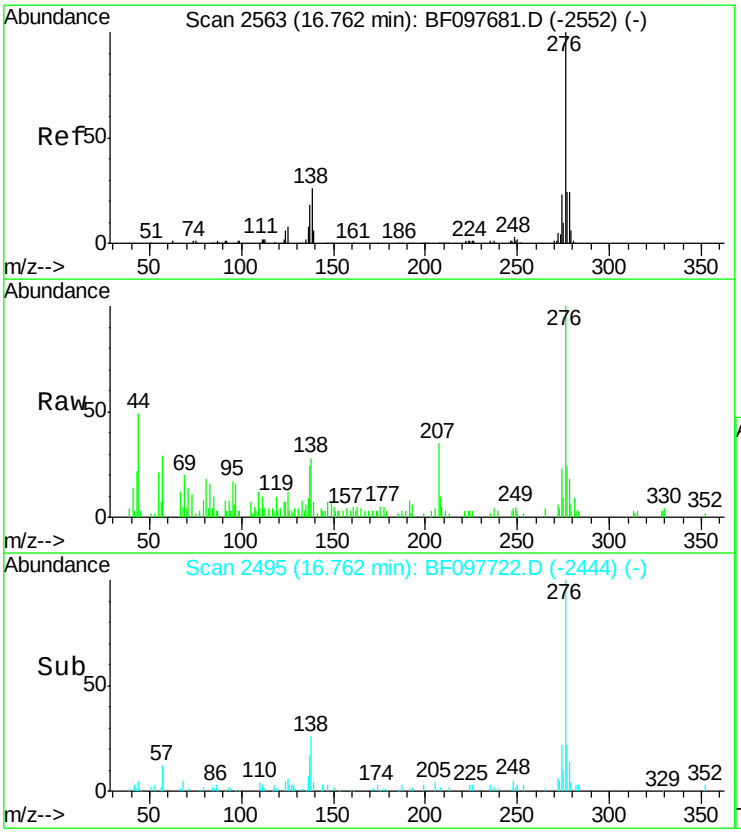
#82
Chrysene
Concen: 2.31 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion:228 Resp: 38633

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	21.3	15.8	23.6

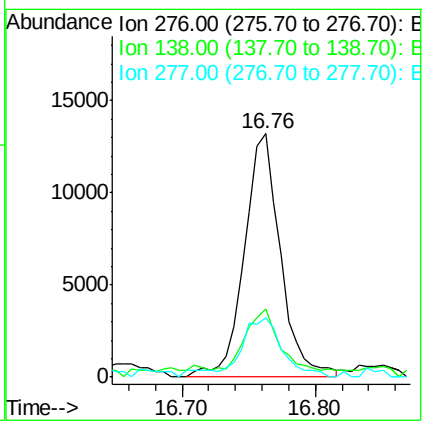


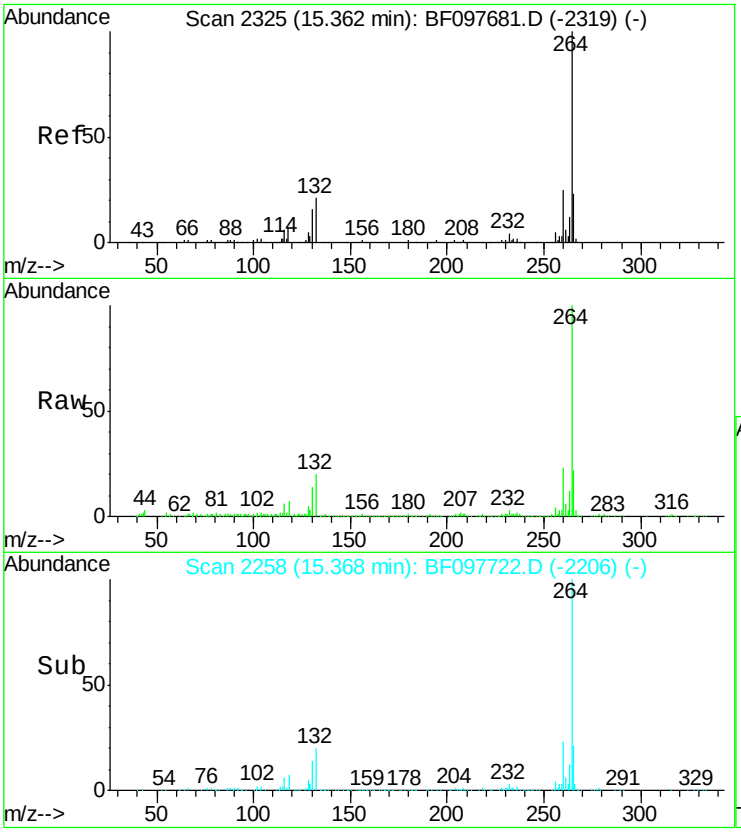


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.01 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion:276 Resp: 24691

Ion	Ratio	Lower	Upper
276	100		
138	31.7	27.8	41.6
277	29.0	20.2	30.4



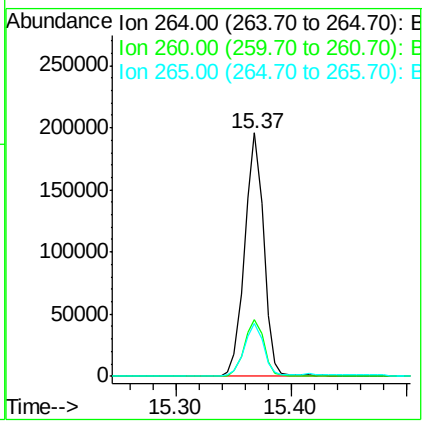


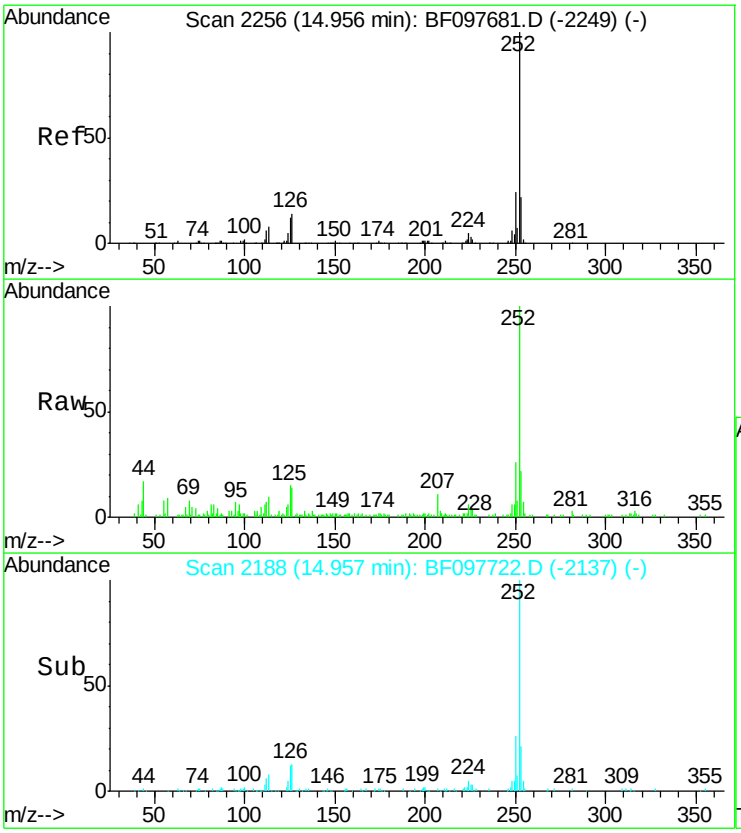
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion:264 Resp: 224840

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	17.2	25.8

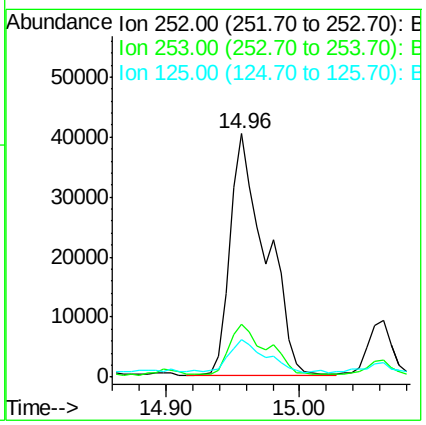


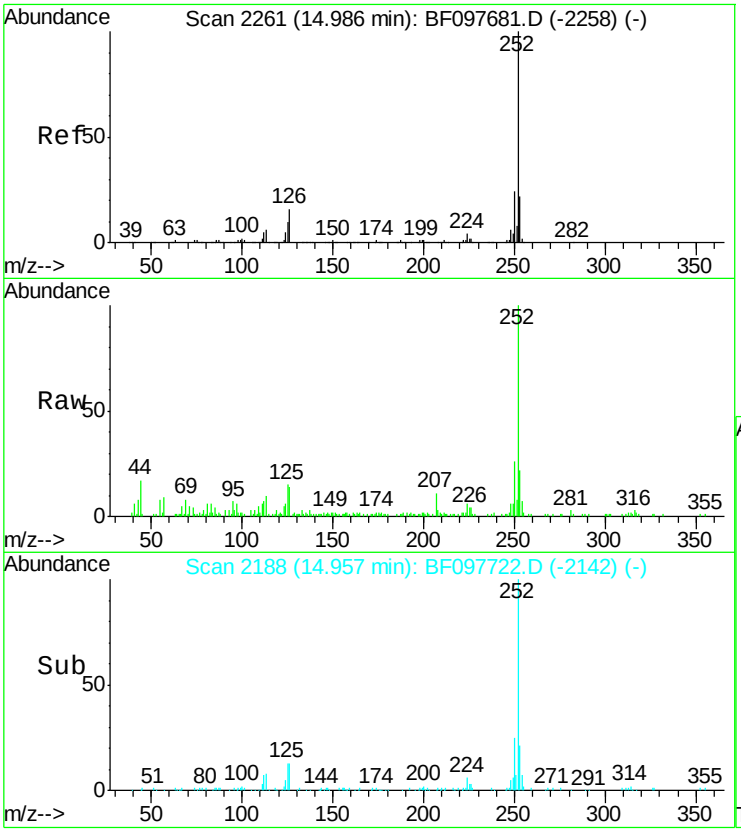


#87
Benzo(b)fluoranthene
Concen: 5.29 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion:252 Resp: 75009

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	15.3	9.8	14.8#



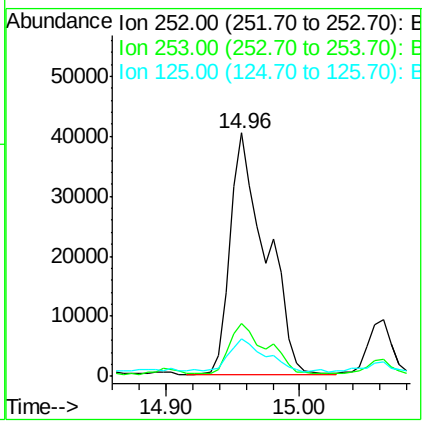


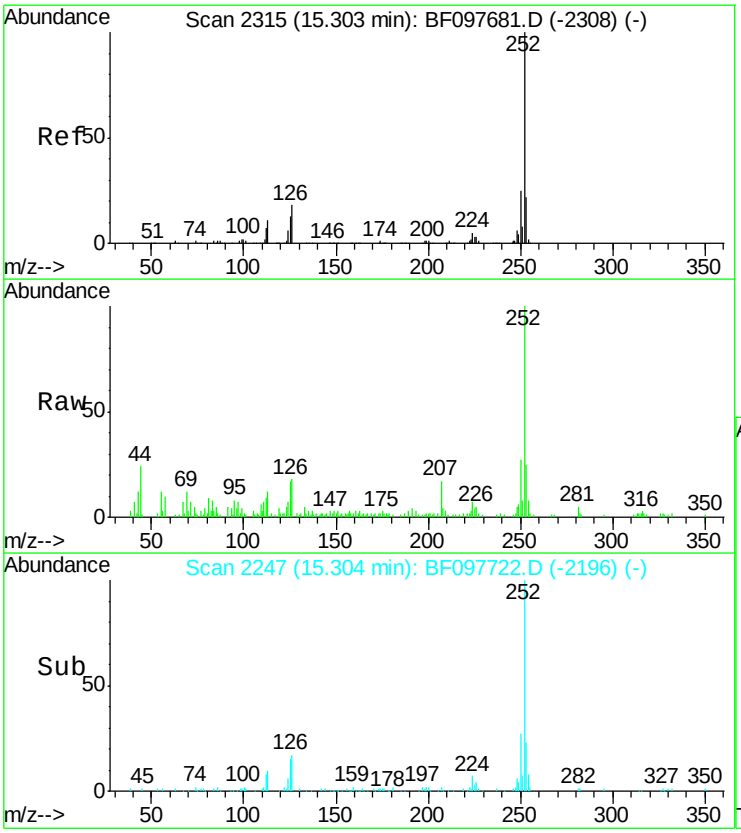
#88
Benzo(k)fluoranthene
Concen: 5.63 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion:252 Resp: 75009

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	15.3	13.1	19.7

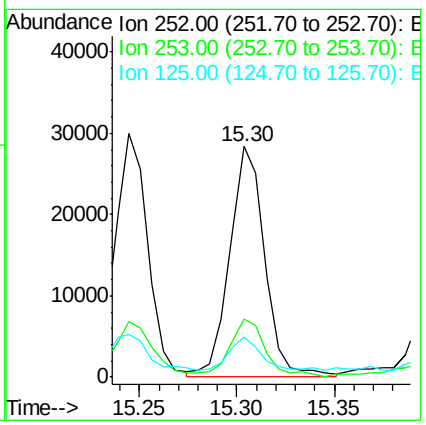


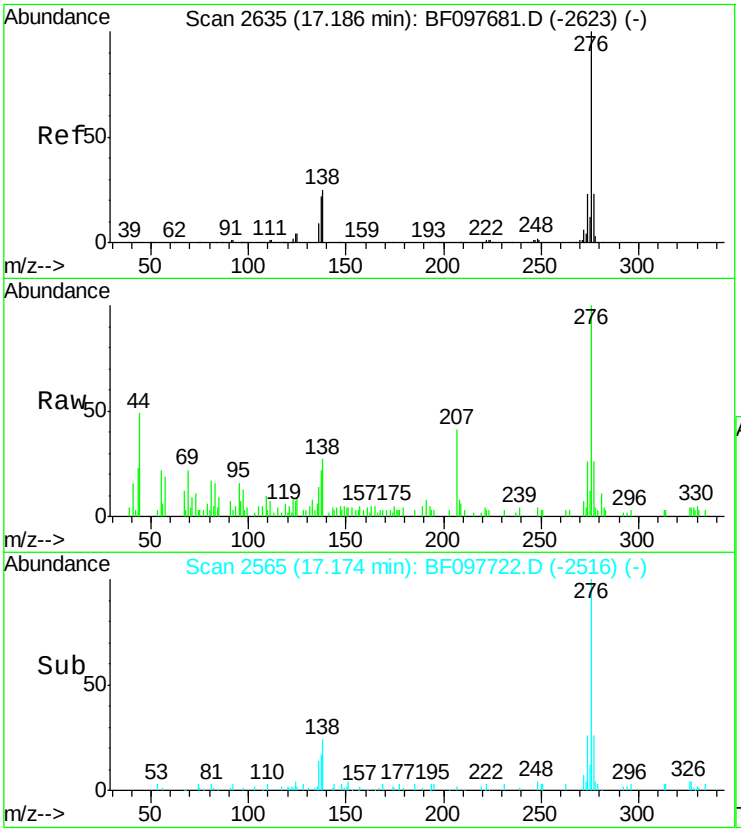


#89
Benzo(a)pyrene
Concen: 2.83 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion:252 Resp: 35466

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.5	26.3
125	17.3	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.46 ng
RT: 17.17 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion:276 Resp: 26170

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.6	28.0
138	27.1	25.4	38.0