Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097926.D
Acq On : 22 Aug 2017 00:58
Operator : SJ/JU
Sample : I4889-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106-L(0-5)COMP

Quant Time: Aug 22 04:11:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	105055	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	390024	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	148055	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	251040	20.00	ng		0.00
75) Chrysene-d12	13.90	240	217522	20.00	ng		0.00
86) Perylene-d12	15.32	264	150641	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	571990	82.82	ng		0.00
7) Phenol-d6	6.38	99	784344	83.58	ng		0.00
23) Nitrobenzene-d5	7.31	82	445252	62.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	100452	78.20	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	651223	64.62	ng		0.00
78) Terphenyl-d14	12.85	244	482271	46.23	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	59807	9.31	ng	#	72
25) Isophorone	7.31	82	436594	29.25	ng	#	67
49) Dimethylphthalate	9.50	163	48152	4.45	ng		99
50) 2,6-Dinitrotoluene	9.78	165	18958	8.78	ng	#	35
56) 2,4-Dinitrotoluene	9.78	165	18958	6.99	ng	#	34
64) 4,6-Dinitro-2-methylphenol	10.56	198	264	8.51	ng	#	1
66) 4-Bromophenyl-phenylether	10.57	248	7009	2.69	ng	#	1
70) Phenanthrene	11.29	178	41869	3.13	ng		99
74) Fluoranthene	12.47	202	159858	11.45	ng		97
77) Pyrene	12.70	202	161367	9.07	ng		99
80) Benzo(a)anthracene	13.89	228	84946	6.52	ng		99
82) Chrysene	13.92	228	65530	5.05	ng		98
85) Indeno(1,2,3-cd)pyrene	16.69	276	31725	3.33	ng	#	88
87) Benzo(b)fluoranthene	14.91	252	104775	11.03	ng		98
88) Benzo(k)fluoranthene	14.91	252	104775	11.74	ng		97
89) Benzo(a)pyrene	15.26	252	56069	6.67	ng		98
91) Benzo(g,h,i)perylene	17.10	276	30646	4.29	ng		91

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

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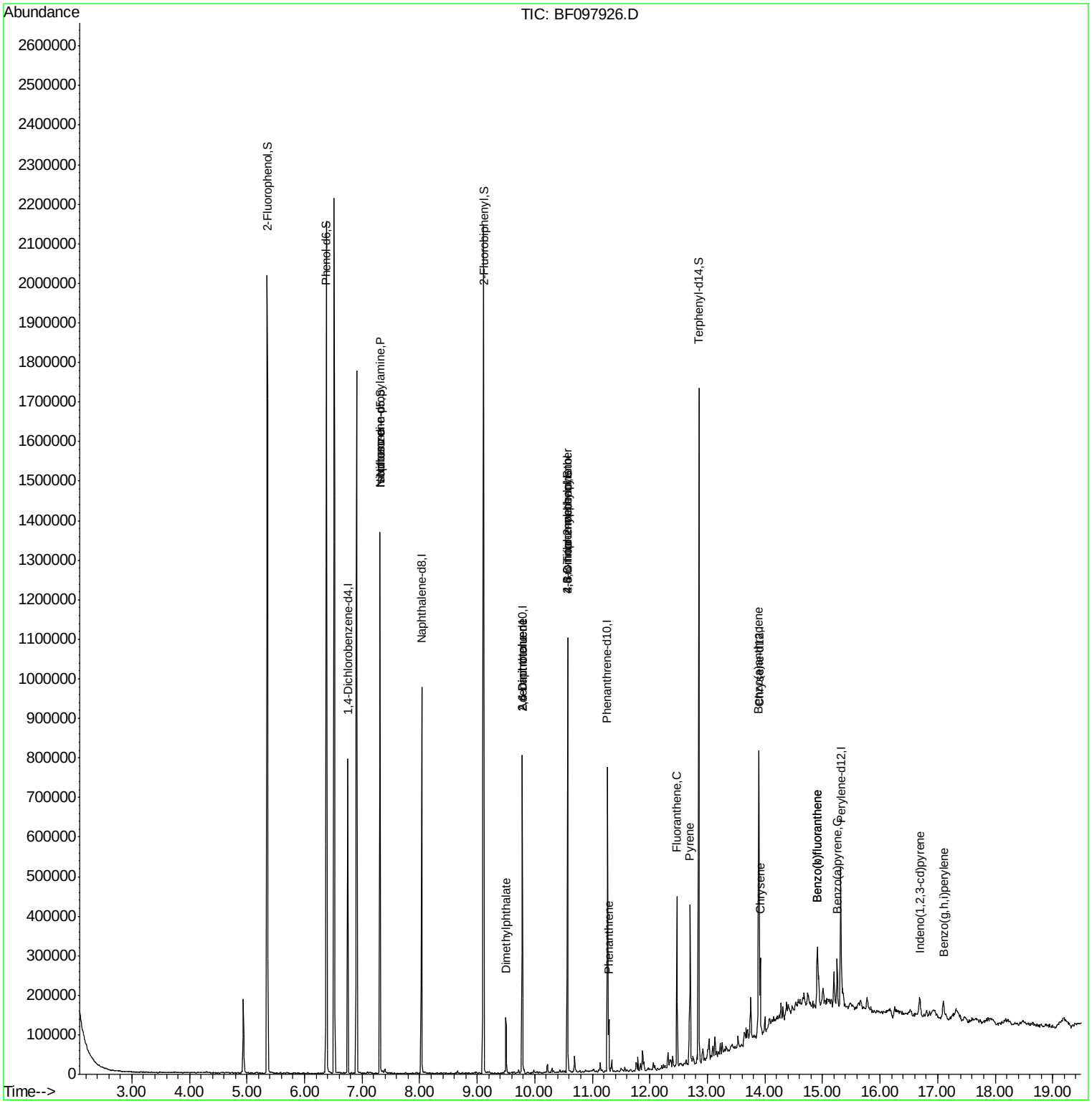
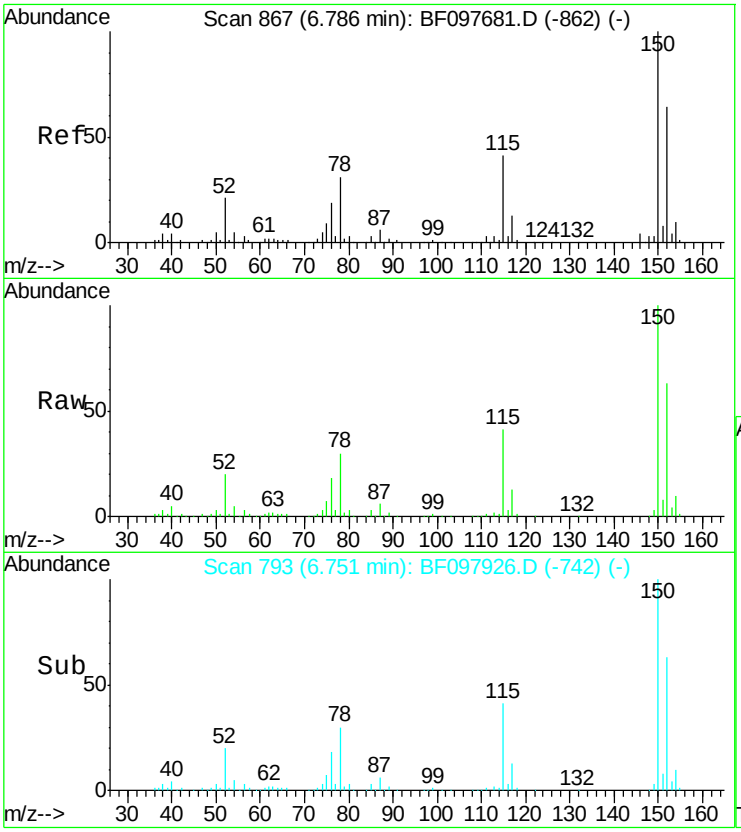


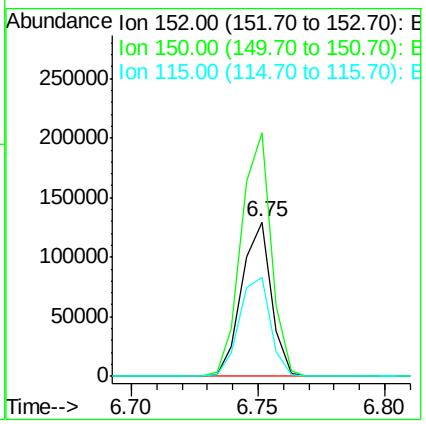


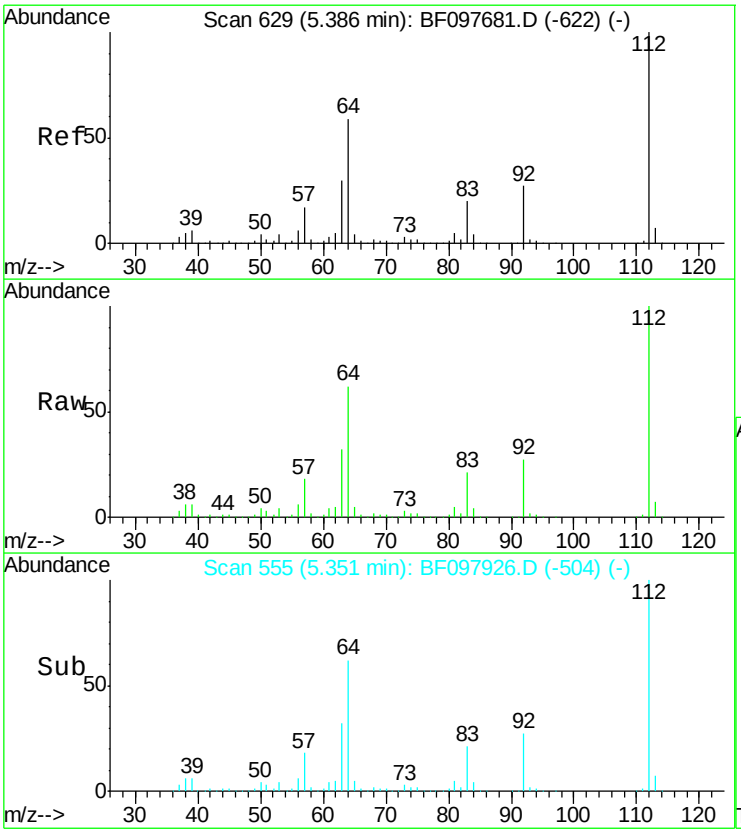
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tgt Ion:152 Resp: 105055

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	64.3	52.2	78.2

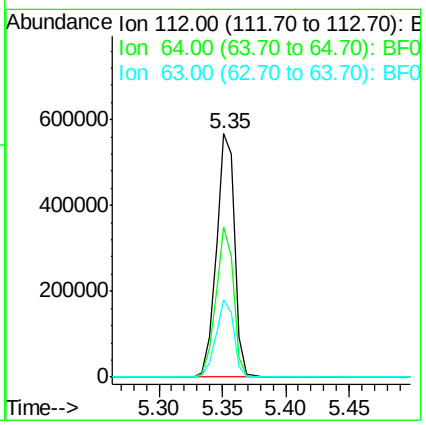


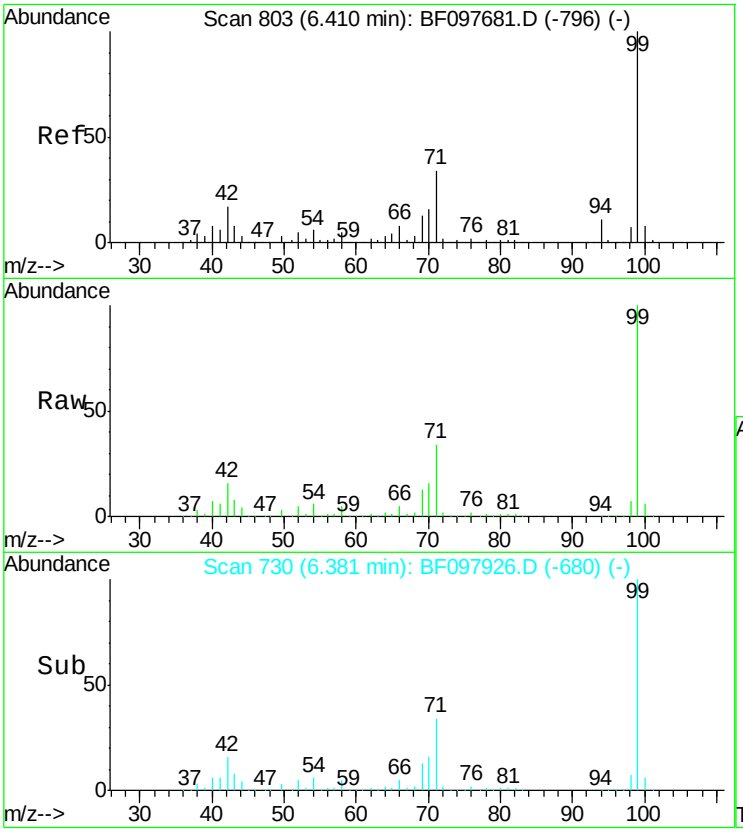


#5
2-Fluorophenol
Concen: 82.82 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion:112 Resp: 571990

Ion	Ratio	Lower	Upper
112	100		
64	61.7	46.0	69.0
63	31.7	23.4	35.0



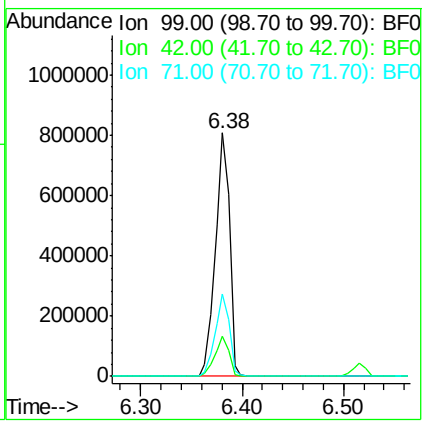


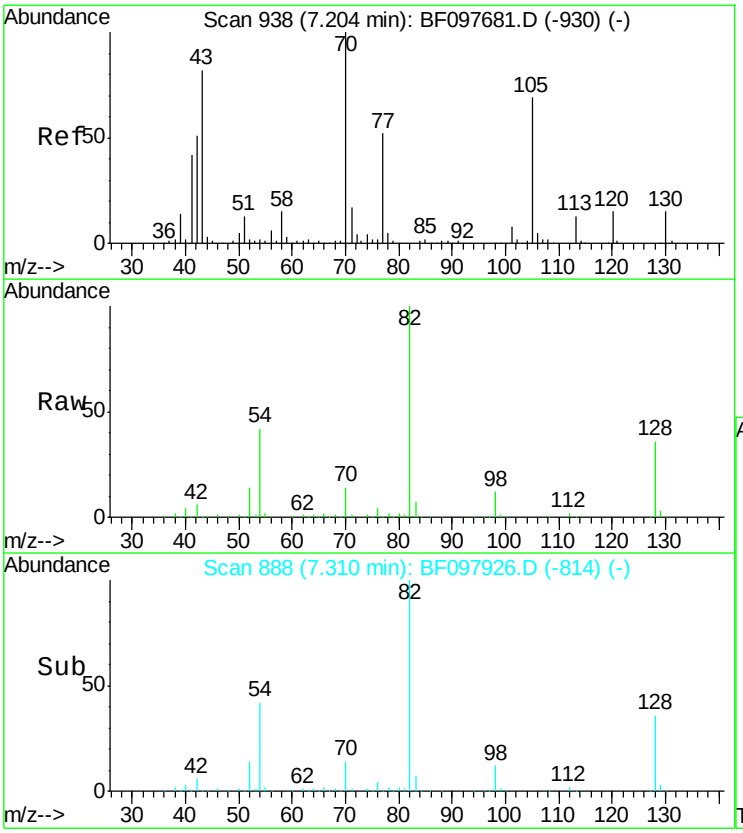
#7
Phenol-d6
Concen: 83.58 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tgt Ion: 99 Resp: 784344

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	33.9	24.5	36.7

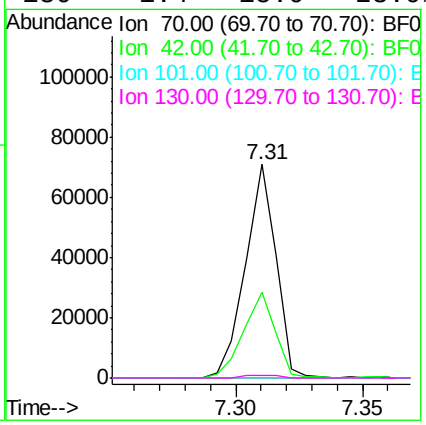


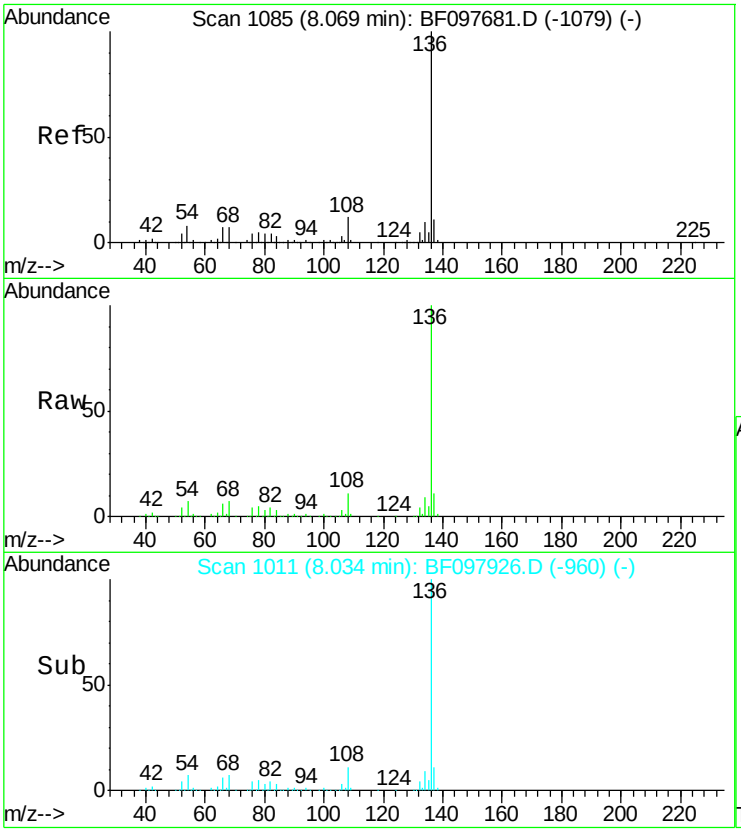


#19
n-Nitroso-di-n-propylamine
Concen: 9.31 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion: 70 Resp: 59807

Ion	Ratio	Lower	Upper
70	100		
42	40.3	47.2	70.8#
101	0.0	7.2	10.8#
130	1.4	15.9	23.9#



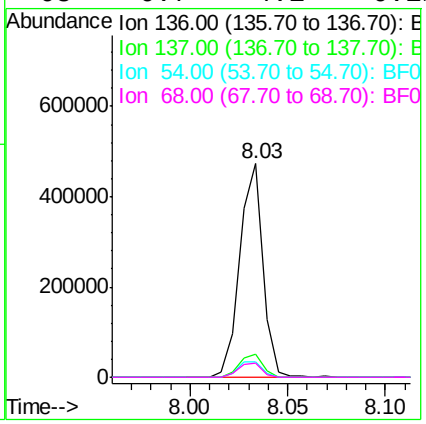


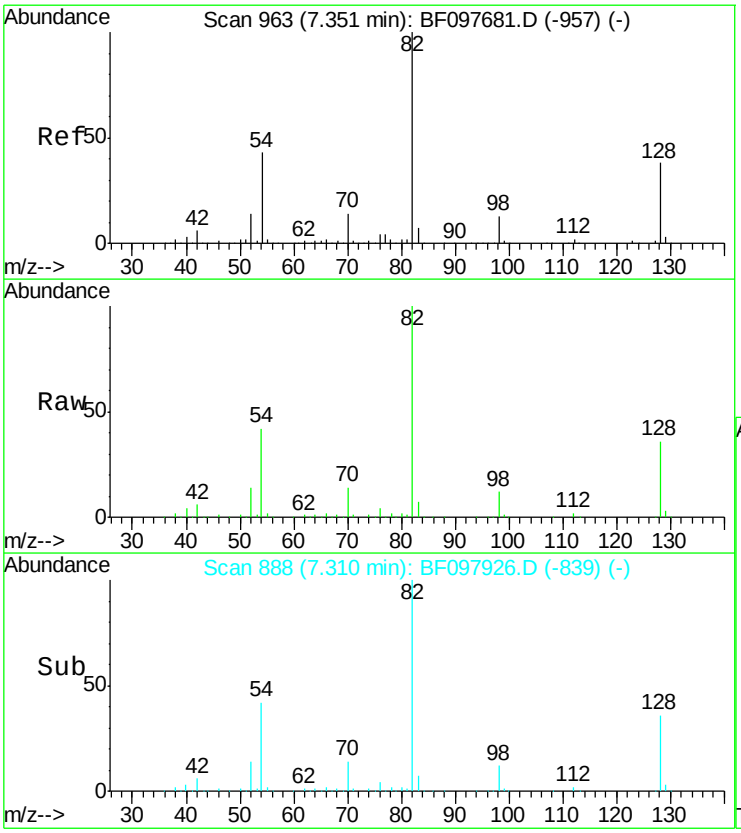
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tgt Ion:136 Resp: 390024

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.0	4.9	7.3
68	6.7	4.1	6.1#

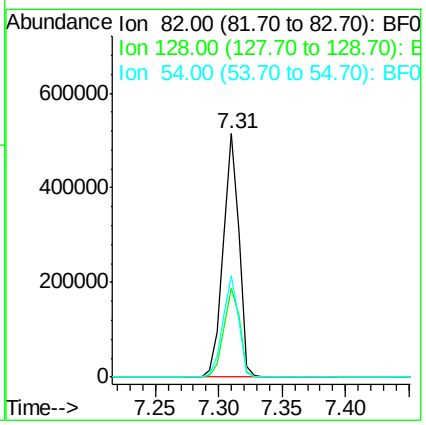


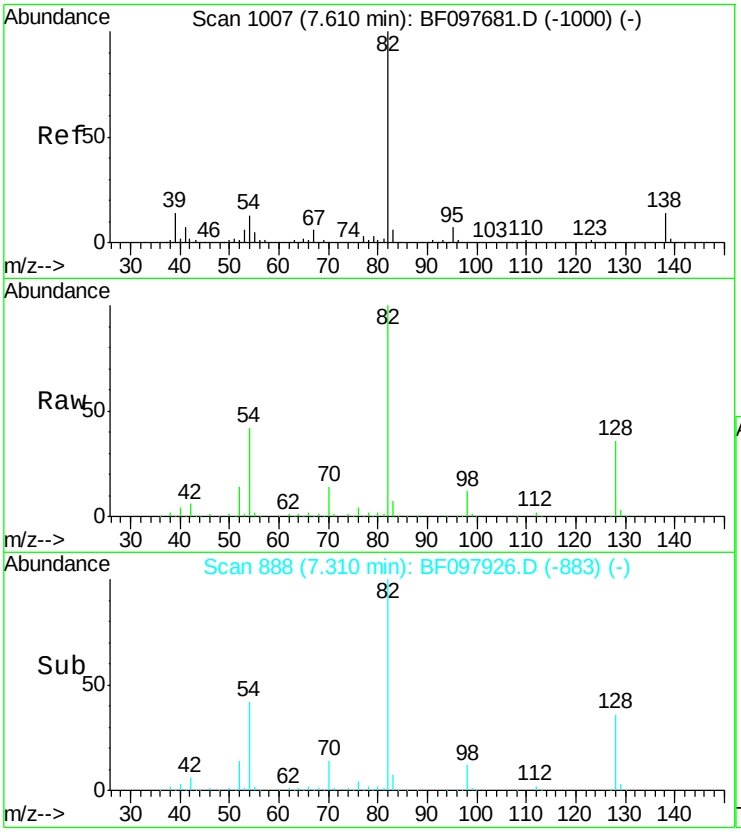


#23
Nitrobenzene-d5
Concen: 62.02 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion: 82 Resp: 445252

Ion	Ratio	Lower	Upper
82	100		
128	36.3	34.0	51.0
54	41.9	42.2	63.2#



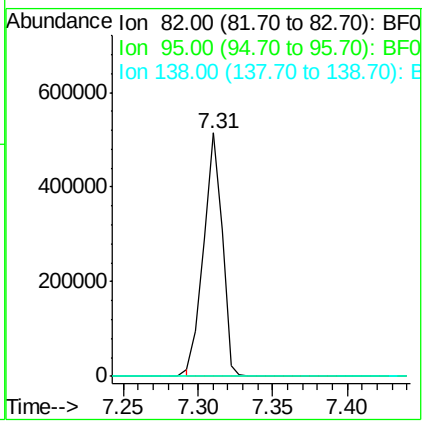


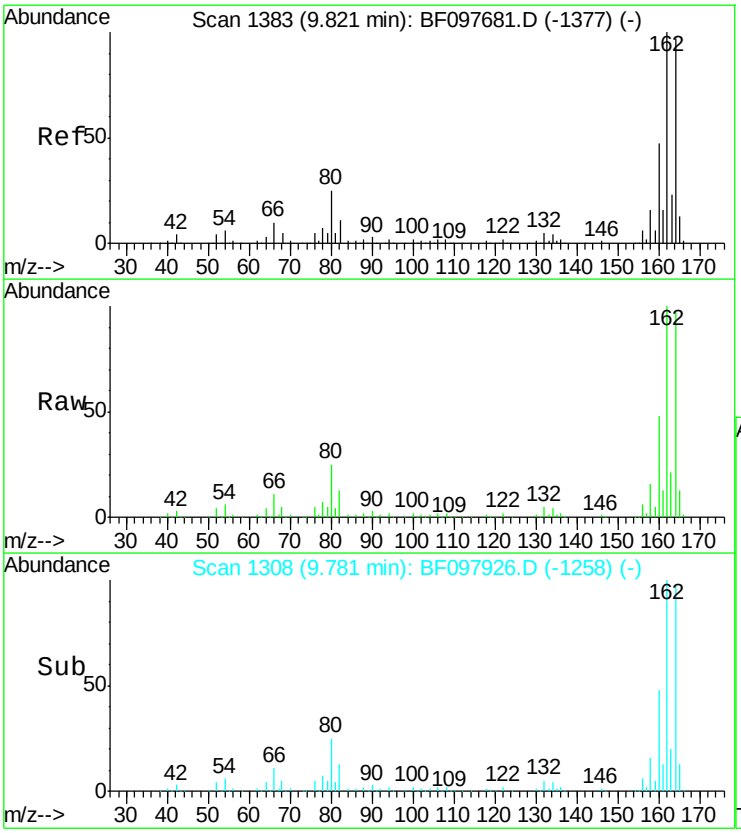
#25
Isophorone
Concen: 29.25 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.27 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tgt Ion: 82 Resp: 436594

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

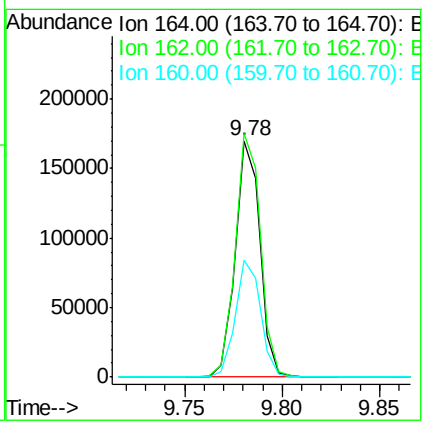


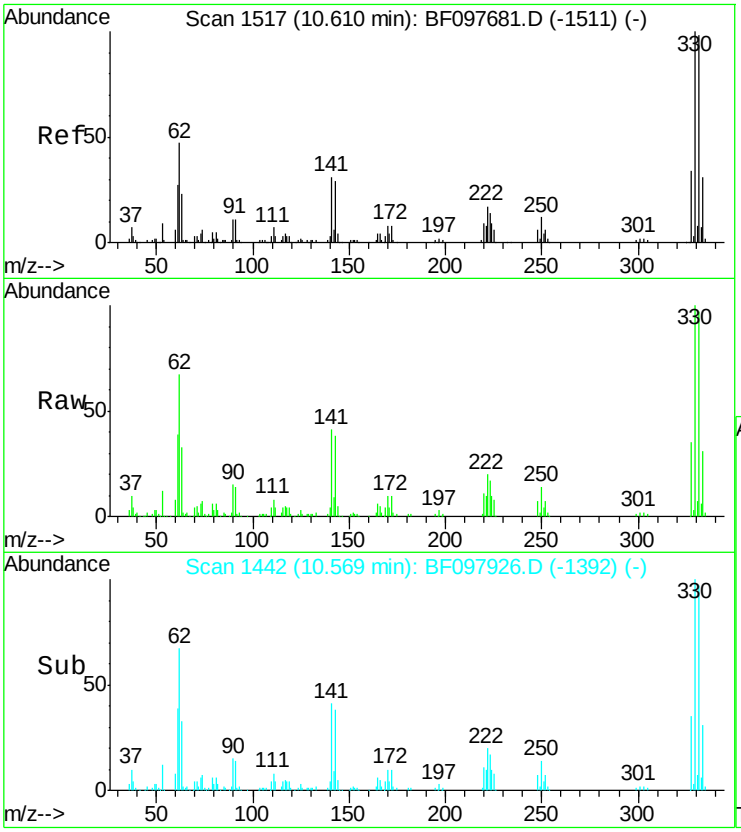


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion:164 Resp: 148055

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	49.5	36.2	54.2



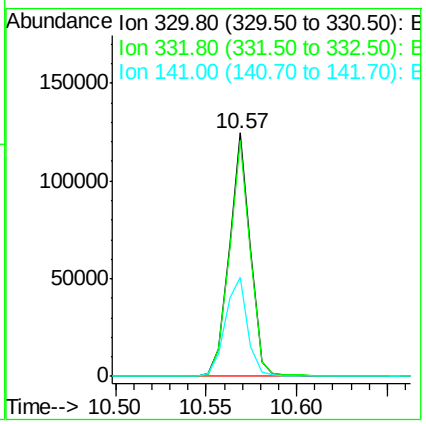


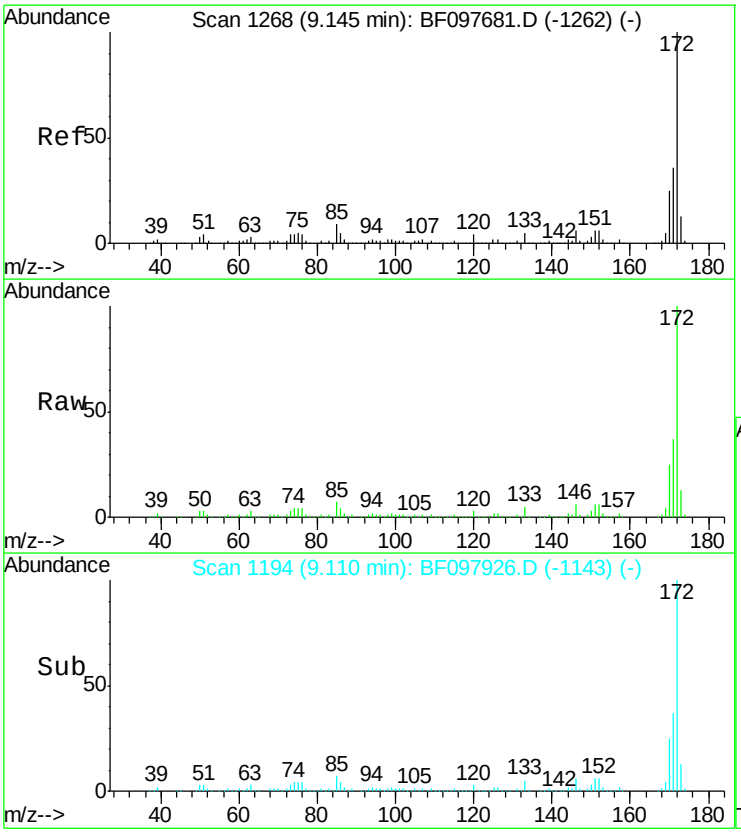
#41
2,4,6-Tribromophenol
Concen: 78.20 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tgt Ion:330 Resp: 100452

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	43.2	31.4	47.2

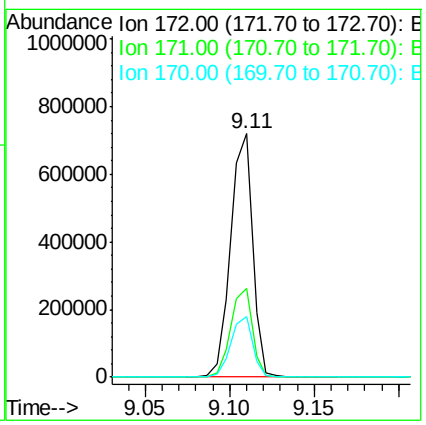


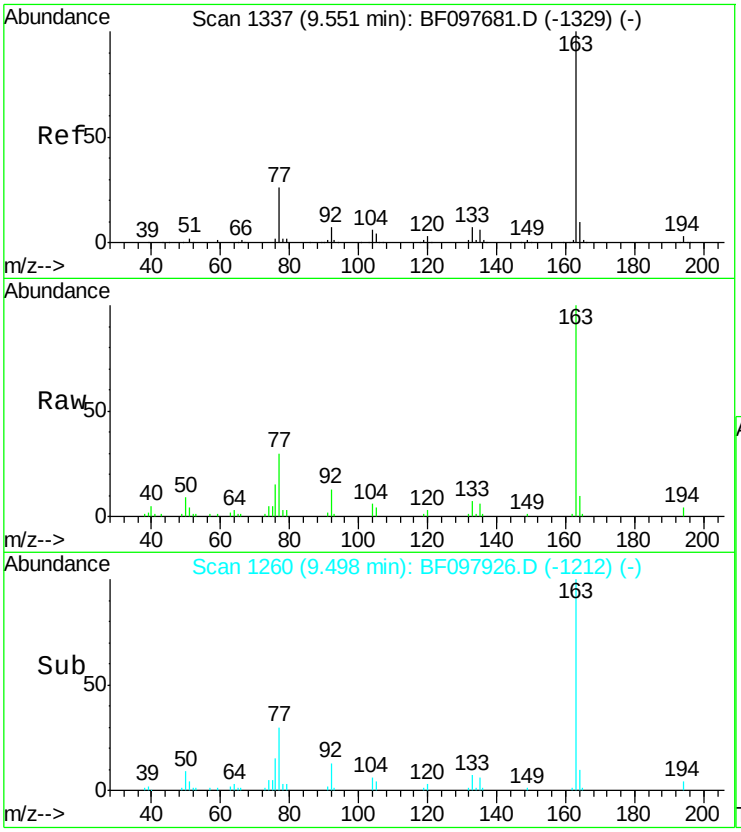


#44
2-Fluorobiphenyl
Concen: 64.62 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion:172 Resp: 651223

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	19.8	29.8



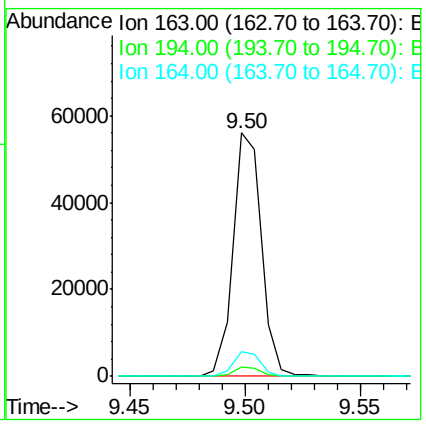


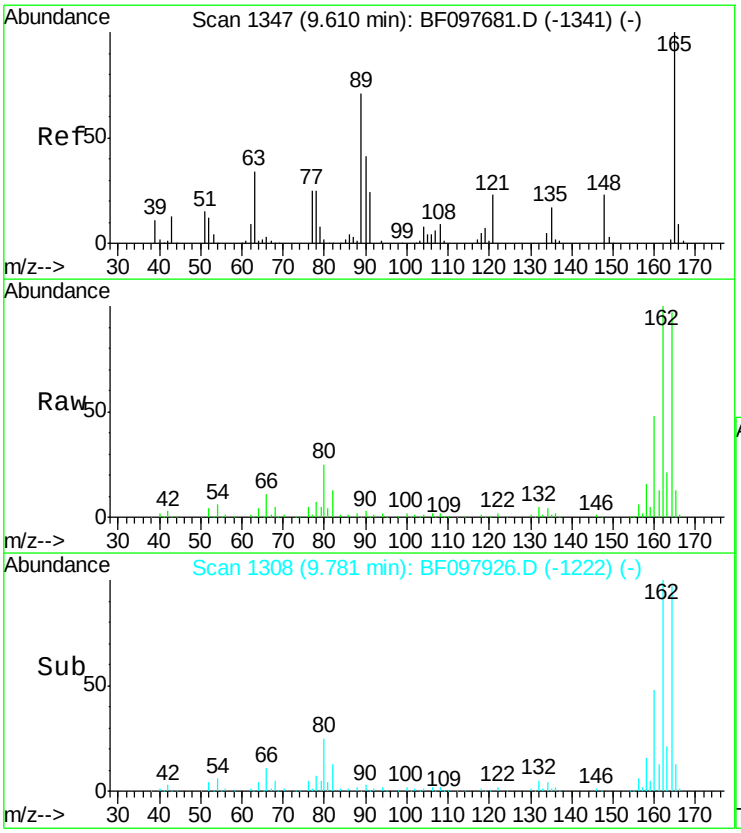
#49
Dimethylphthalate
Concen: 4.45 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tgt Ion:163 Resp: 48152

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.0	8.4	12.6

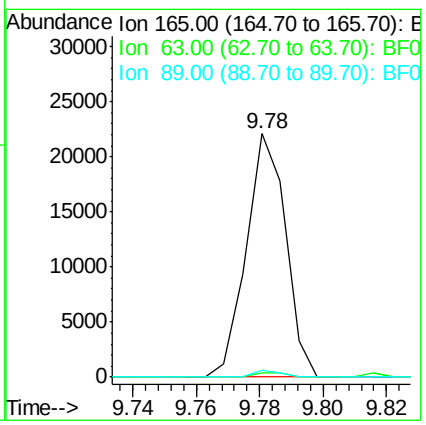


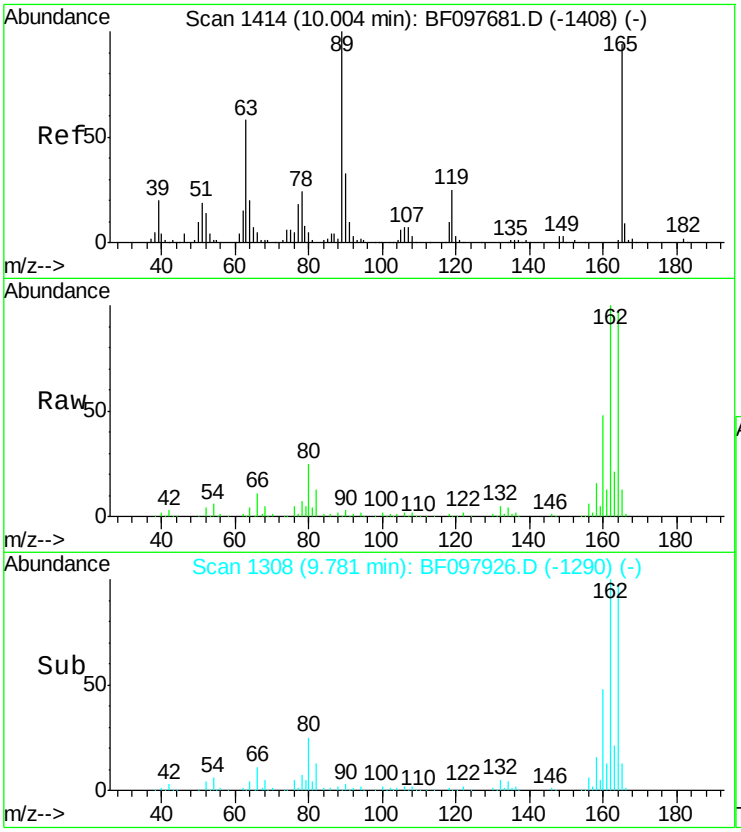


#50
2,6-Dinitrotoluene
Concen: 8.78 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.21 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion:165 Resp: 18958

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	2.6	37.1	55.7#



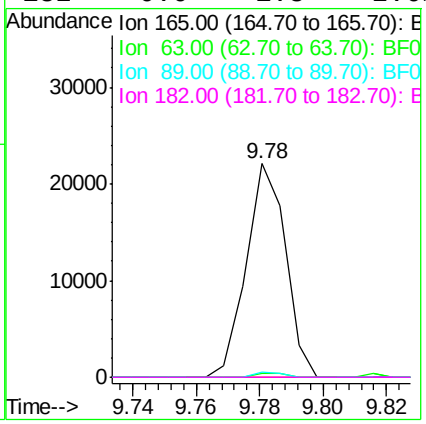


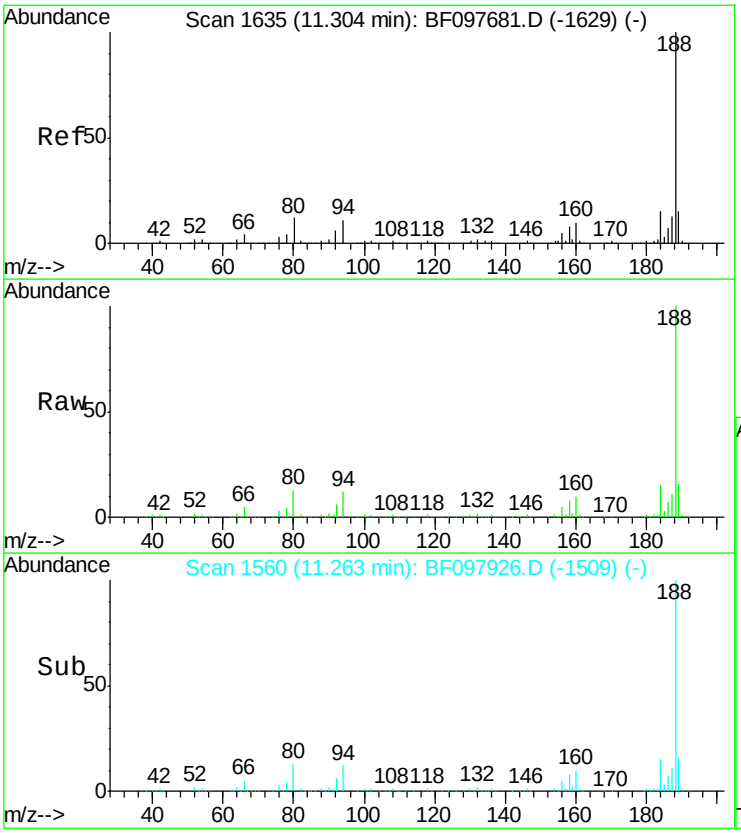
#56
2,4-Dinitrotoluene
Concen: 6.99 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.19 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tgt Ion:165 Resp: 18958

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	2.6	46.4	69.6#
182	0.0	1.8	2.6#

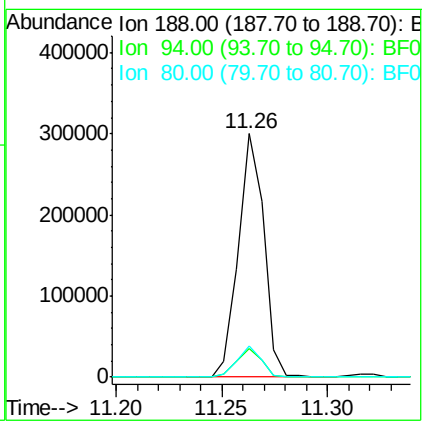


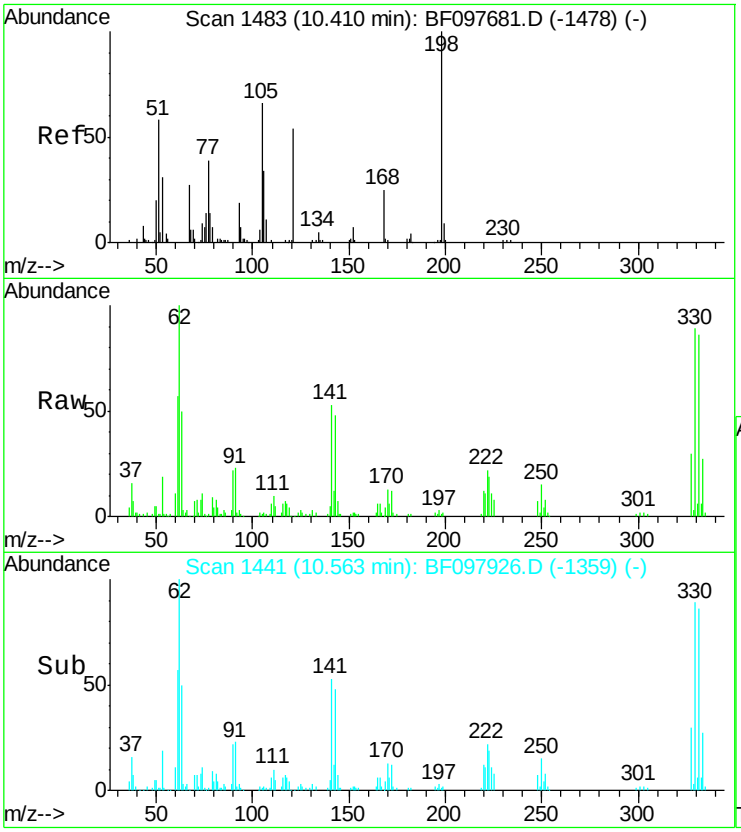


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion:188 Resp: 251040

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.7	10.2	15.2



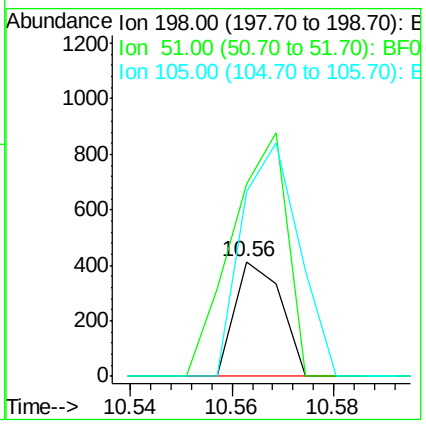


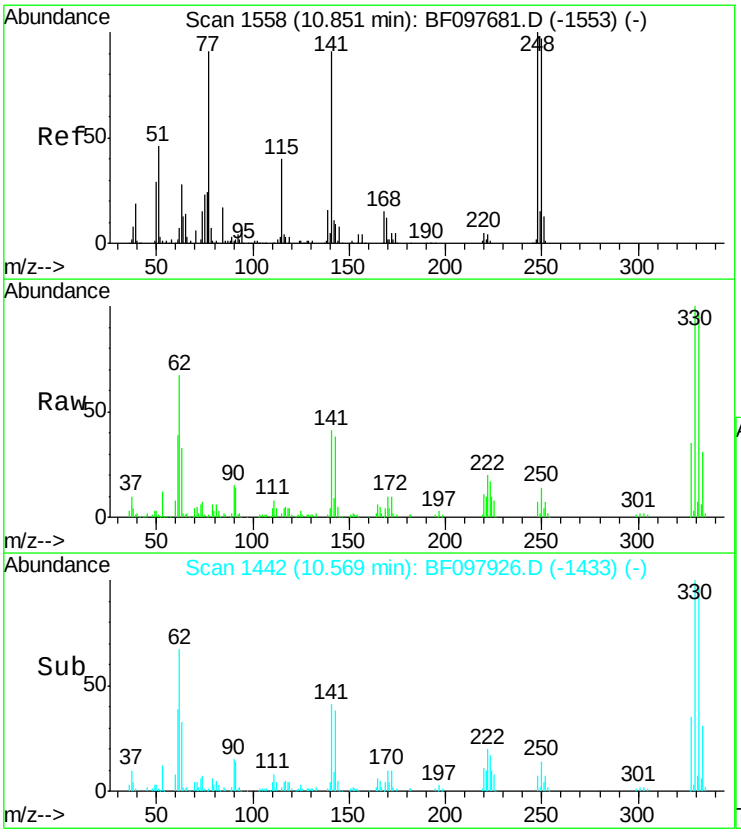
#64
4,6-Dinitro-2-methylphenol
Concen: 8.51 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.18 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tgt Ion:198 Resp: 264

Ion	Ratio	Lower	Upper
198	100		
51	167.6	53.2	93.2#
105	160.8	45.8	85.8#

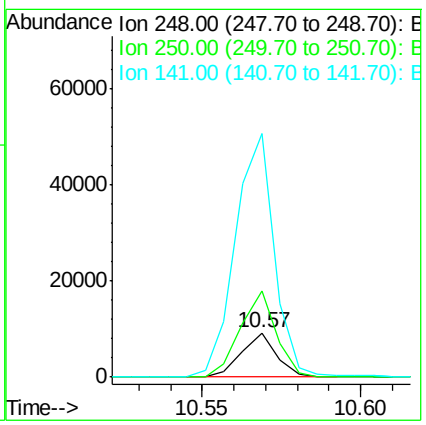


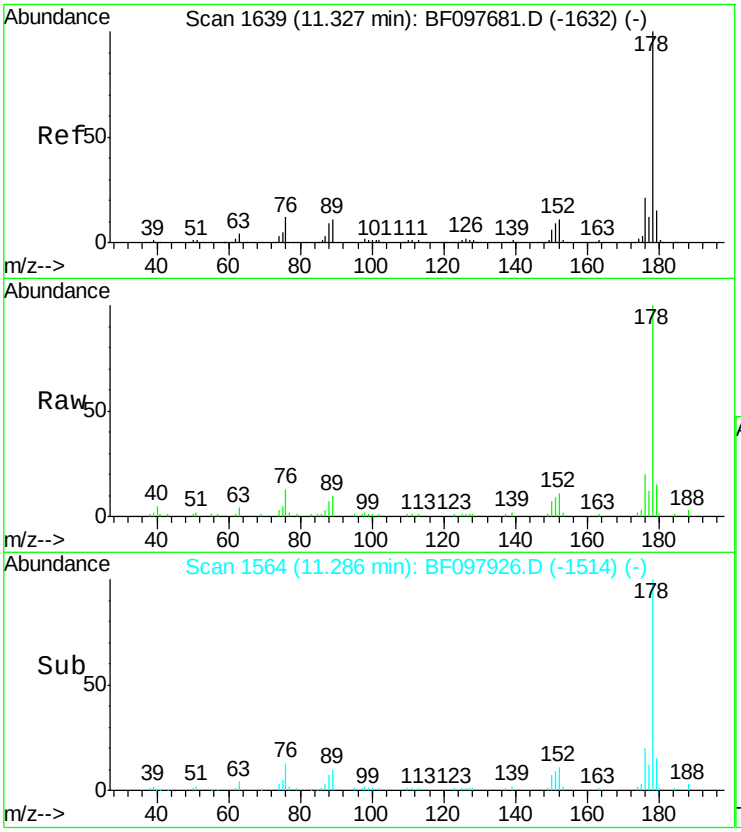


#66
4-Bromophenyl-phenylether
Concen: 2.69 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion:248 Resp: 7009

Ion	Ratio	Lower	Upper
248	100		
250	195.9	76.8	115.2#
141	550.2	68.6	103.0#



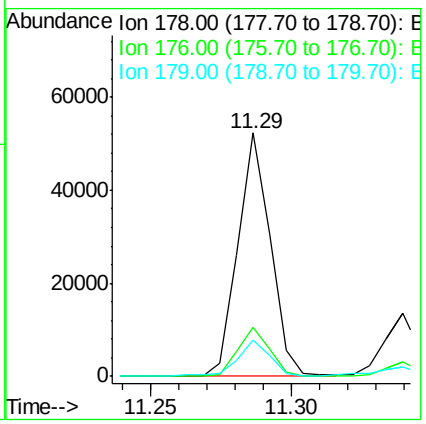


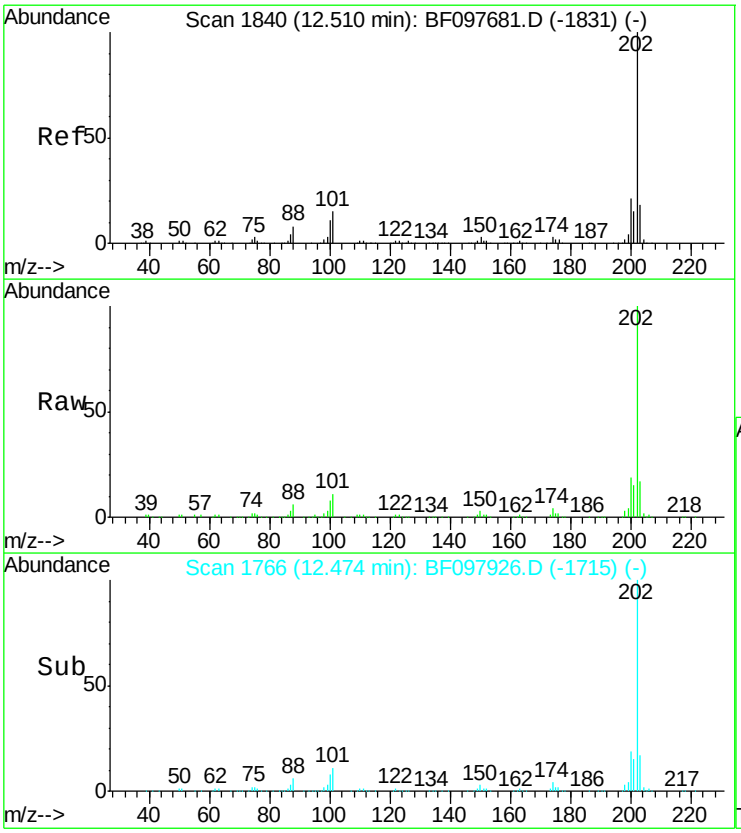
#70
Phenanthrene
Concen: 3.13 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tgt Ion:178 Resp: 41869

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.0	12.6	19.0

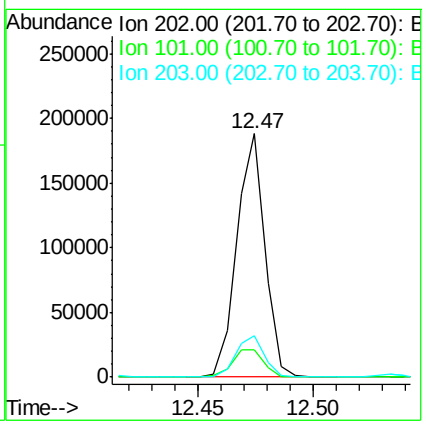


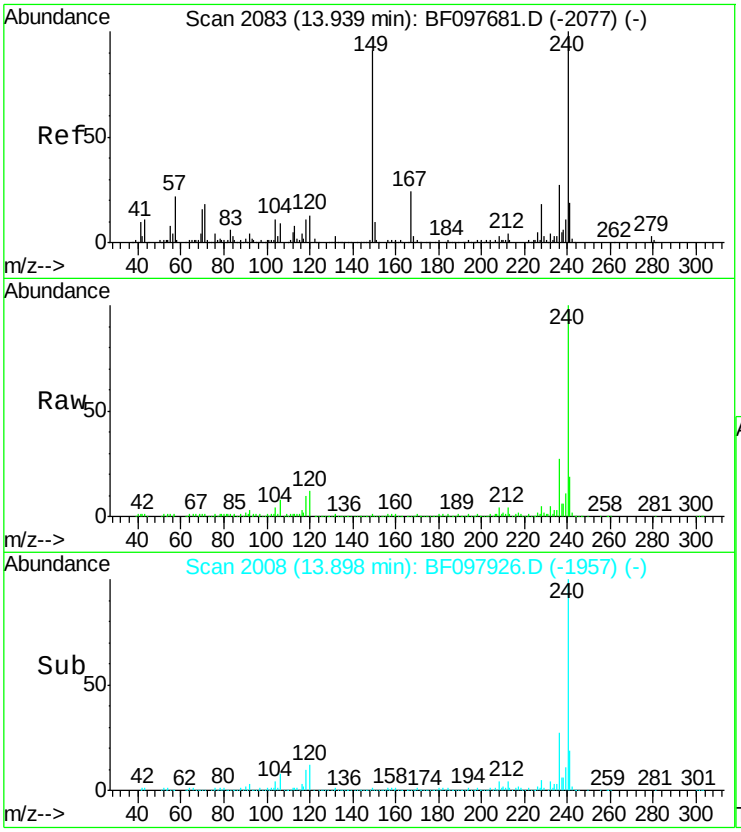


#74
Fluoranthene
Concen: 11.45 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion:202 Resp: 159858

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.2
203	17.0	0.0	38.1



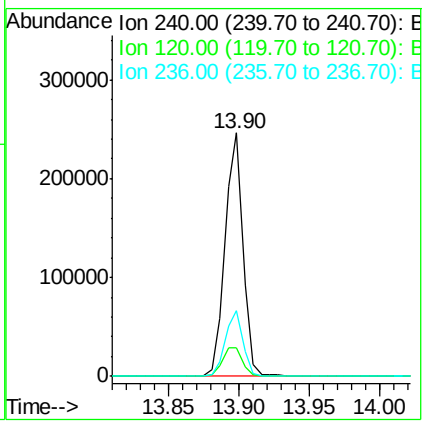


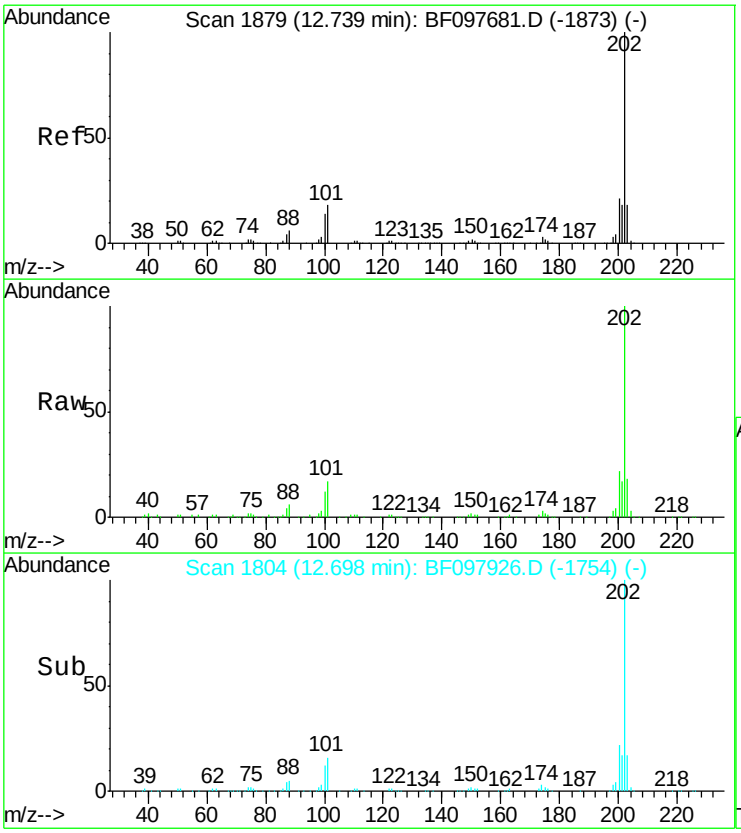
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tgt Ion:240 Resp: 217522

Ion	Ratio	Lower	Upper
240	100		
120	11.9	5.8	8.8#
236	27.1	20.5	30.7

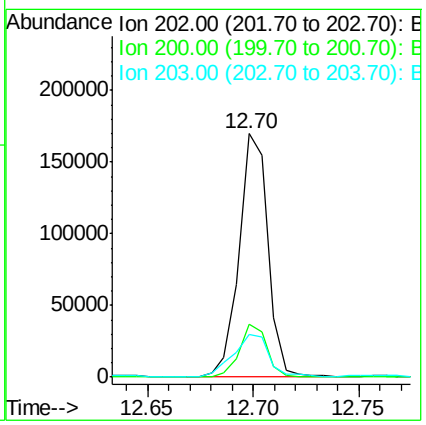


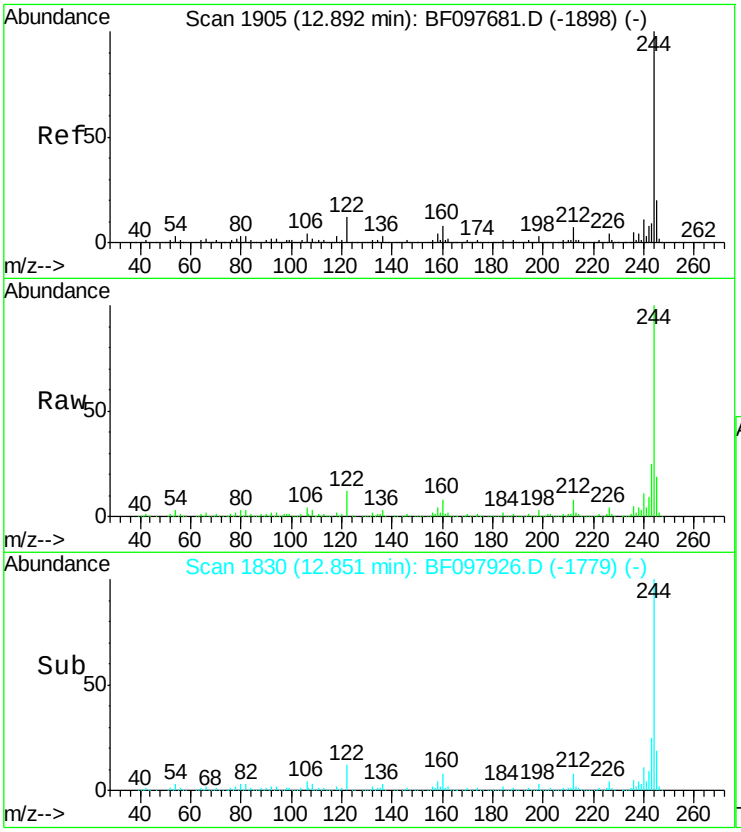


#77
Pyrene
Concen: 9.07 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion:202 Resp: 161367

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.7	14.4	21.6



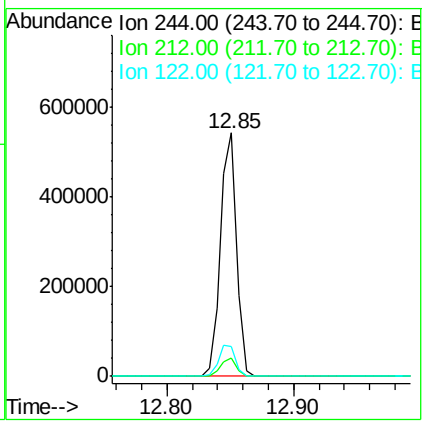


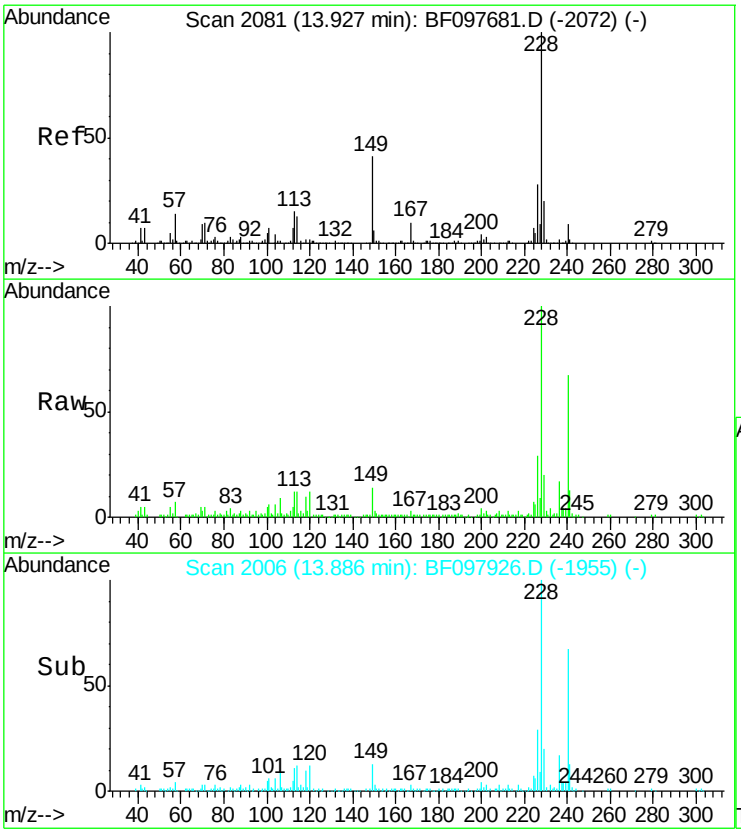
#78
Terphenyl-d14
Concen: 46.23 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tgt Ion:244 Resp: 482271

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.2	10.3	15.5

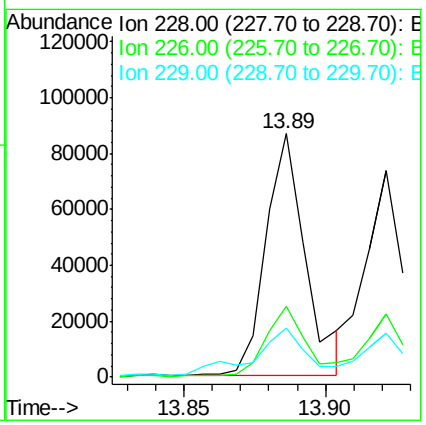


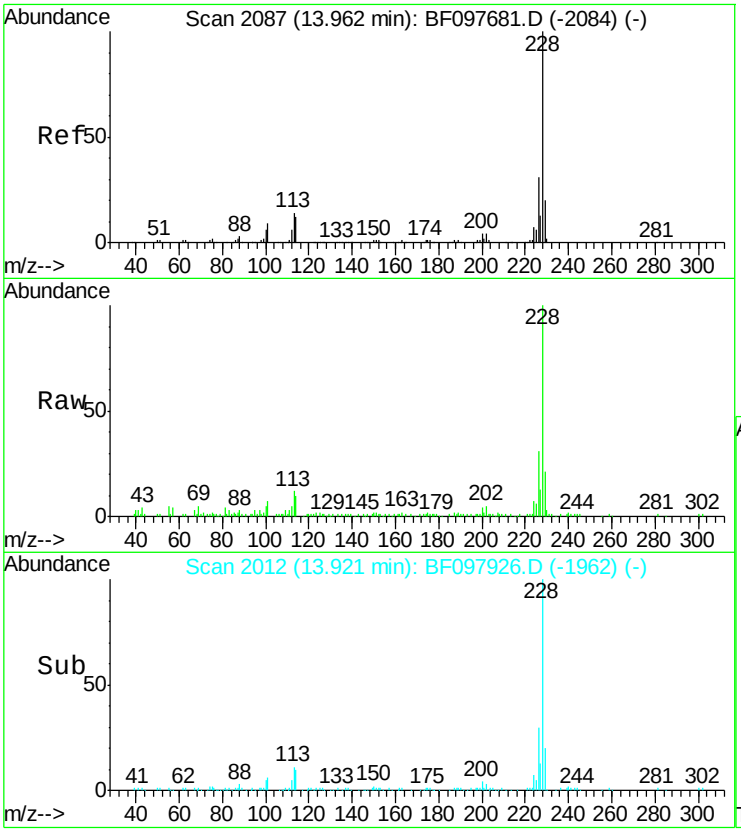


#80
Benzo(a)anthracene
Concen: 6.52 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion:228 Resp: 84946

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.2	16.3	24.5



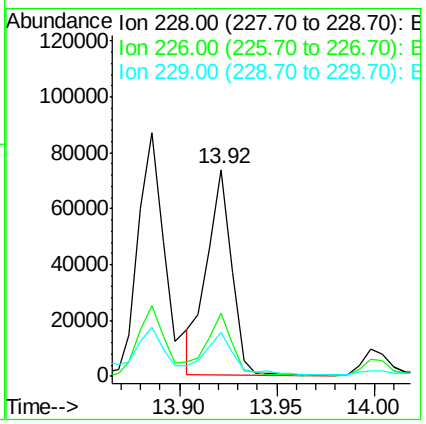


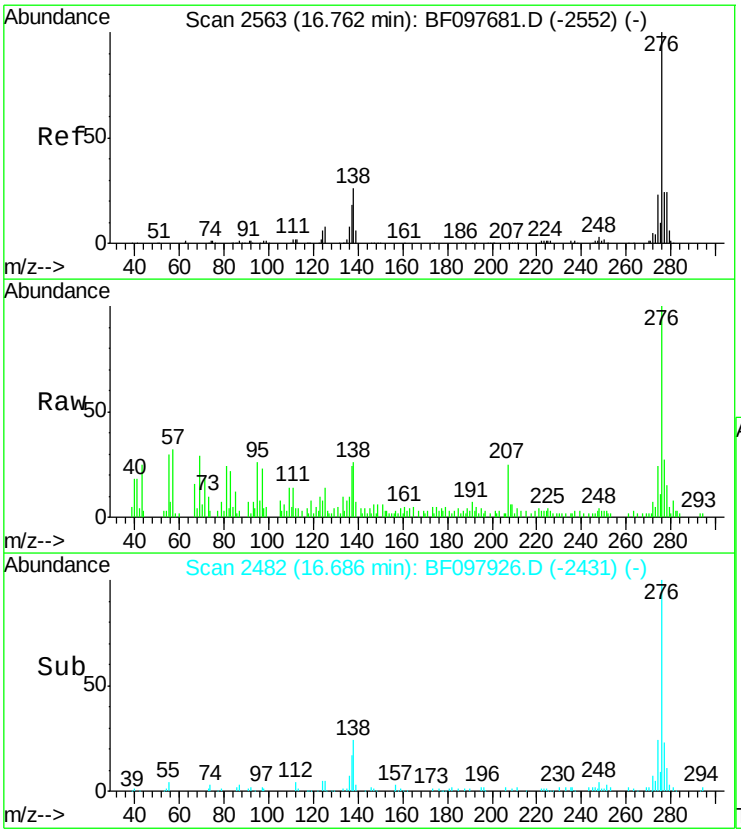
#82
Chrysene
Concen: 5.05 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tgt Ion:228 Resp: 65530

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.4	15.8	23.6

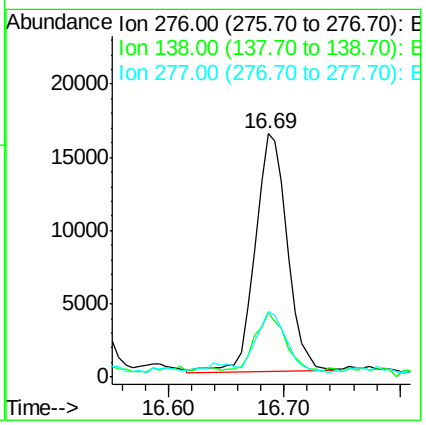


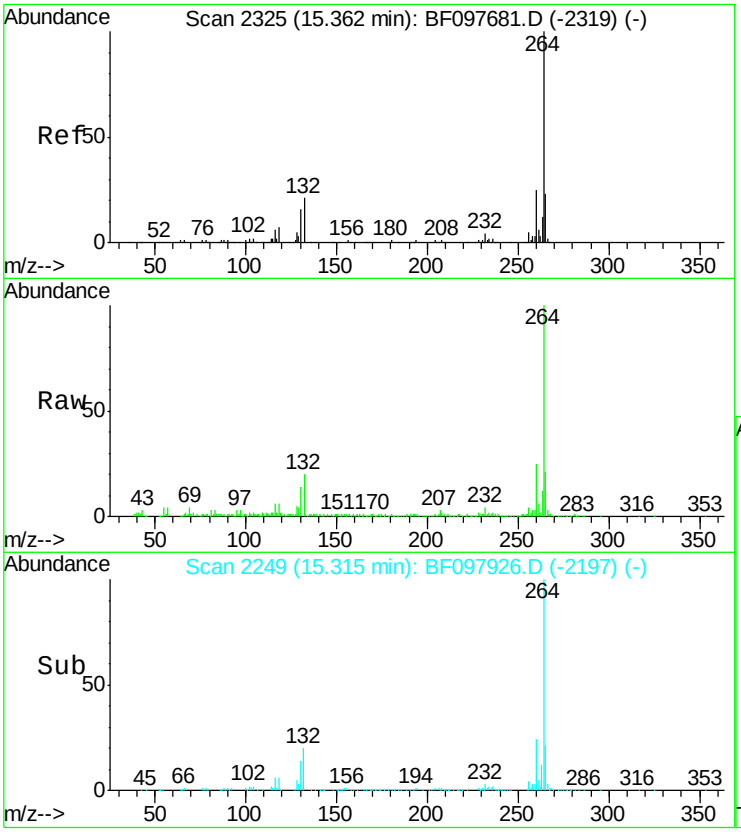


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.33 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion:276 Resp: 31725

Ion	Ratio	Lower	Upper
276	100		
138	23.6	27.8	41.6#
277	23.9	20.2	30.4



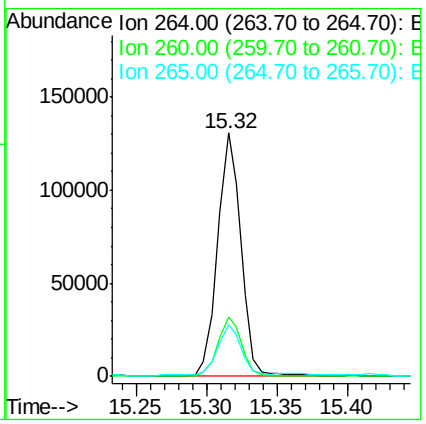


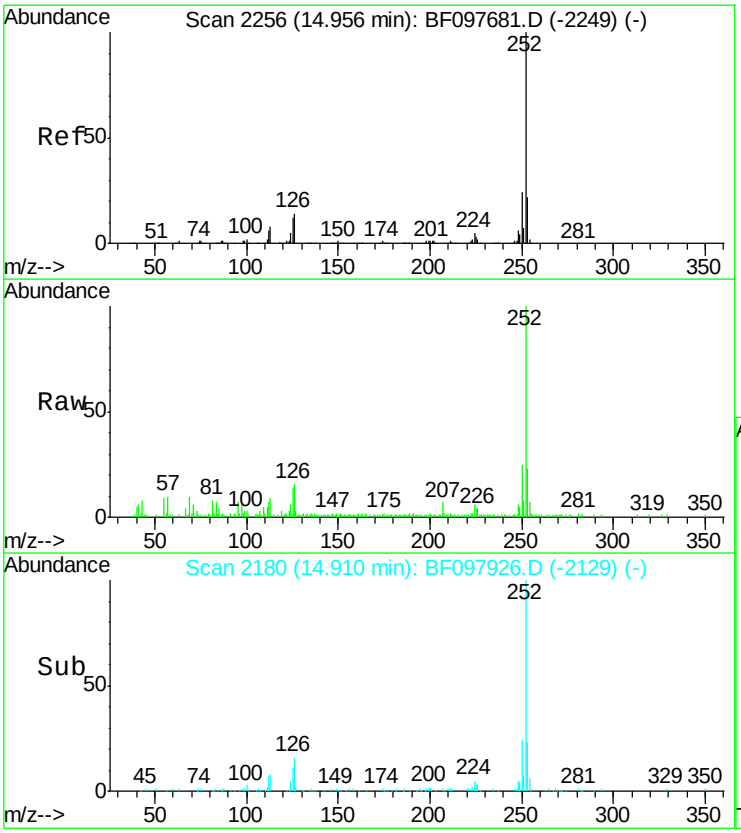
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tgt Ion:264 Resp: 150641

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.2	25.8

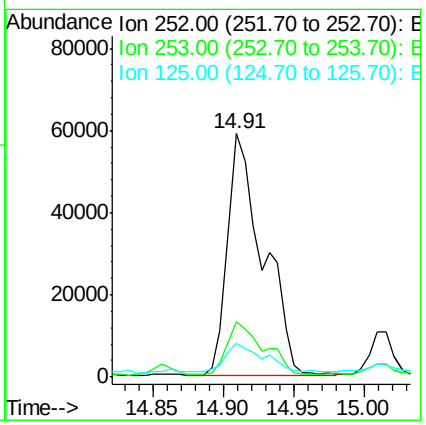


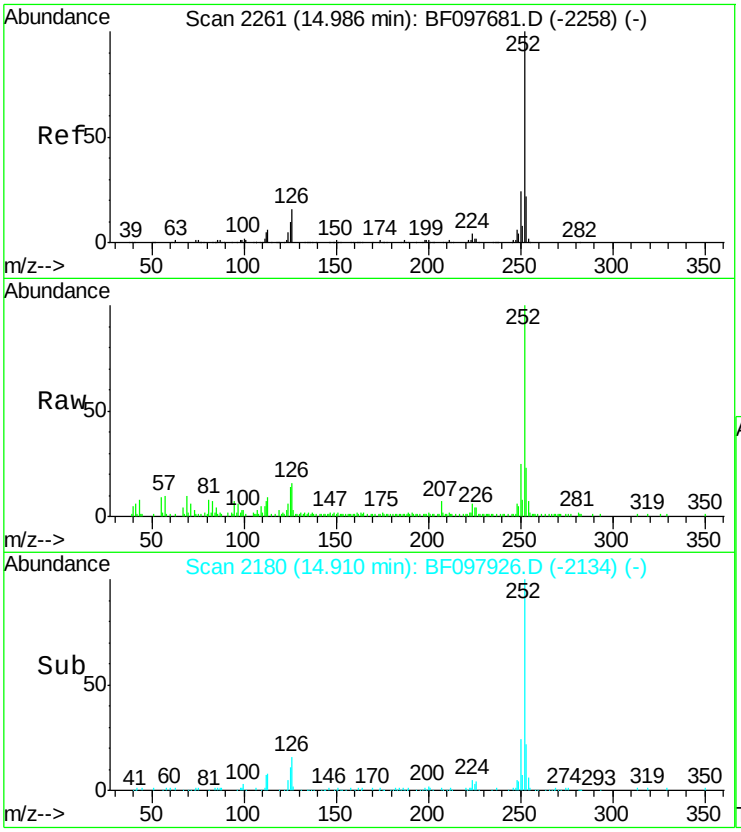


#87
Benzo(b)fluoranthene
Concen: 11.03 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion:252 Resp: 104775

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	13.6	9.8	14.8



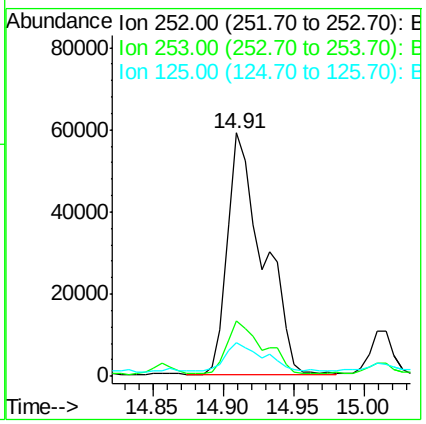


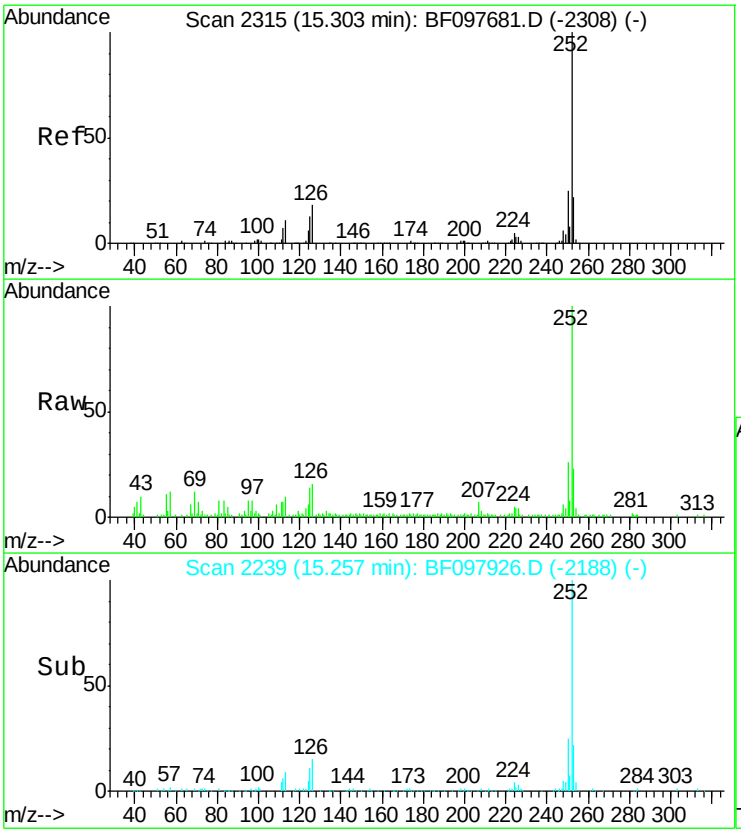
#88
Benzo(k)fluoranthene
Concen: 11.74 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tgt Ion:252 Resp: 104775

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	13.6	13.1	19.7

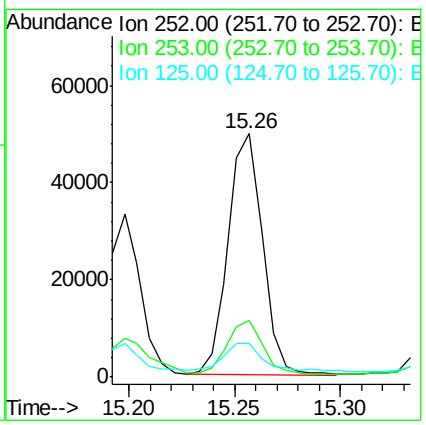


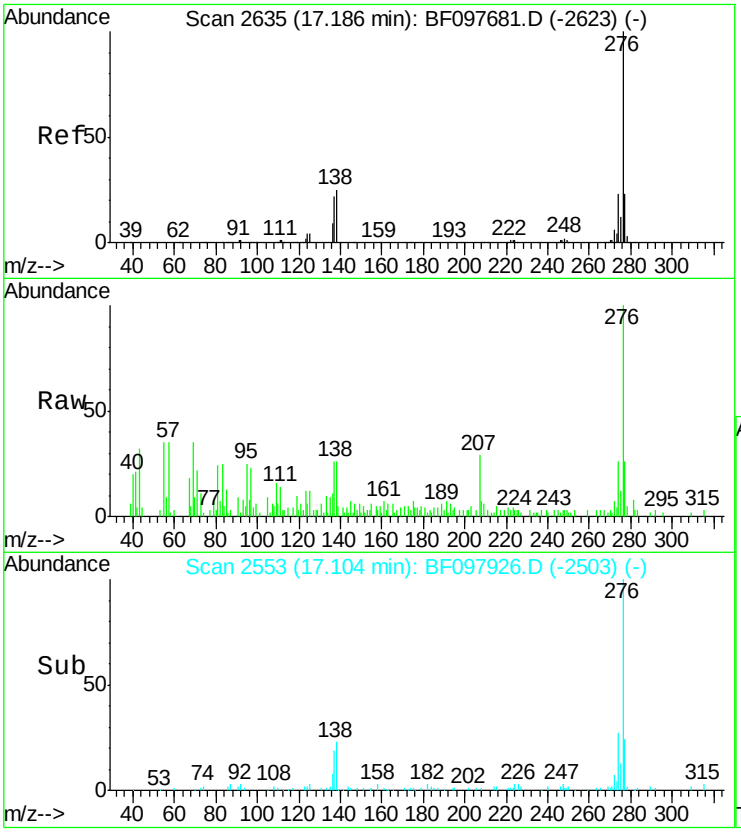


#89
Benzo(a)pyrene
Concen: 6.67 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion:252 Resp: 56069

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	13.8	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 4.29 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.01 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tgt Ion:276 Resp: 30646

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	28.0
138	25.7	25.4	38.0