Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099729.D
Acq On : 21 Oct 2017 15:54
Operator : SJ/JU
Sample : I5950-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 22 00:45:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	103043	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	427359	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	198515	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	337881	20.00	ng		0.00
75) Chrysene-d12	13.98	240	192796	20.00	ng		0.00
86) Perylene-d12	15.44	264	193615	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	47914	7.40	ng		0.01
7) Phenol-d6	6.46	99	232662	29.14	ng		0.00
23) Nitrobenzene-d5	7.38	82	444938	66.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	15315	9.43	ng		-0.01
44) 2-Fluorobiphenyl	9.17	172	804212	67.63	ng		0.00
78) Terphenyl-d14	12.92	244	584575	68.96	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	30981	3.469	ng		94
19) n-Nitroso-di-n-propylamine	7.38	70	56525	11.087	ng	#	72
25) Isophorone	7.38	82	444933	32.294	ng	#	64
31) Naphthalene	8.12	128	53110	2.646	ng		98
49) Dimethylphthalate	9.56	163	83319	5.561	ng		99
62) Azobenzene	10.56	77	177033	13.151	ng	#	1
70) Phenanthrene	11.36	178	90985	5.031	ng		98
74) Fluoranthene	12.56	202	125251	6.839	ng		96
77) Pyrene	12.78	202	123180	8.379	ng		99
80) Benzo(a)anthracene	13.97	228	42519	3.642	ng		96
82) Chrysene	14.01	228	43335	3.899	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	95133	10.000	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	23239	2.614	ng		93
87) Benzo(b)fluoranthene	15.02	252	71049	5.968	ng	#	90
88) Benzo(k)fluoranthene	15.02	252	71049	6.043	ng	#	93
89) Benzo(a)pyrene	15.39	252	36482	3.339	ng	#	90
91) Benzo(g,h,i)perylene	17.37	276	22693	2.625	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099729.D
Acq On : 21 Oct 2017 15:54
Operator : SJ/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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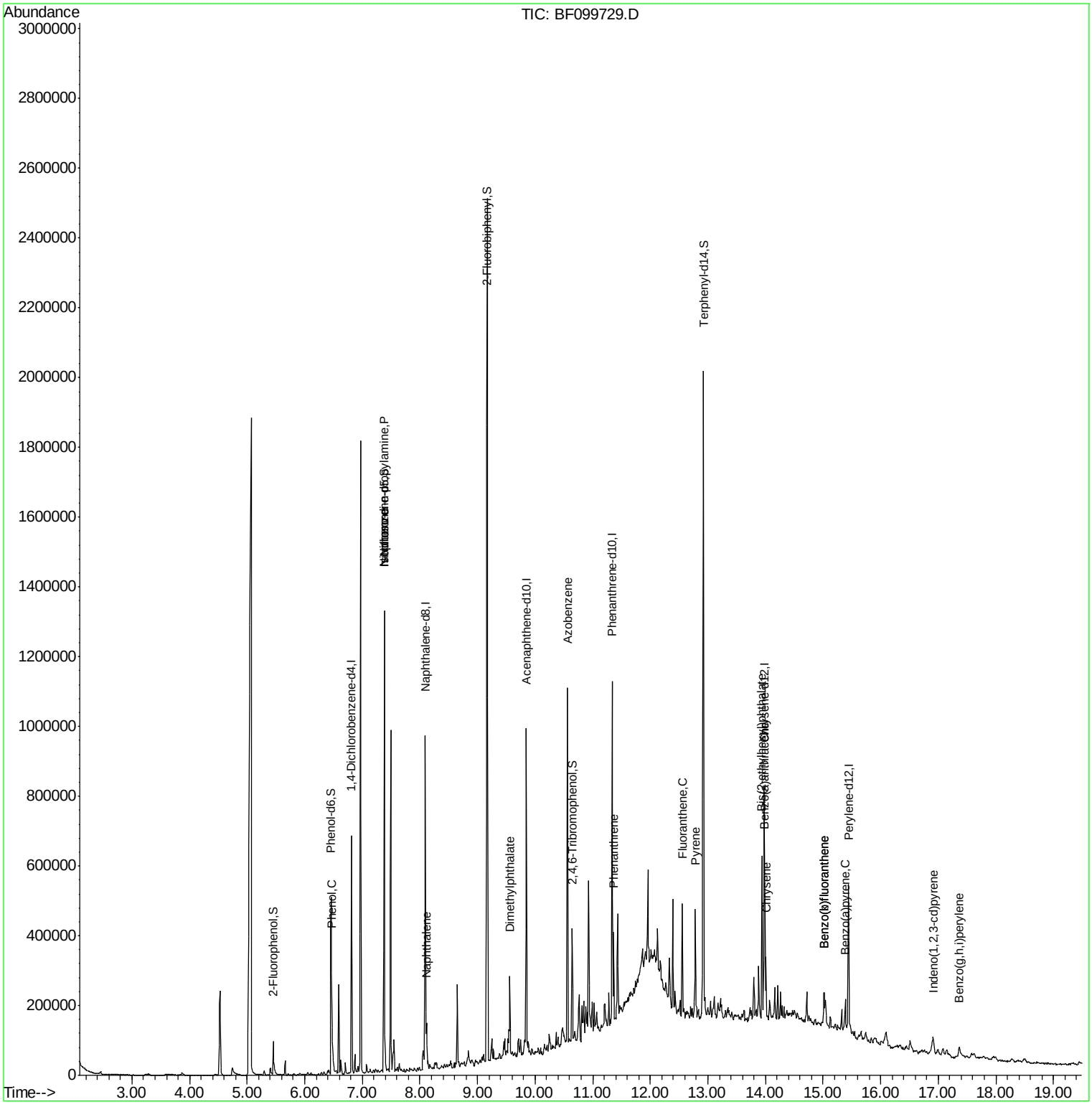
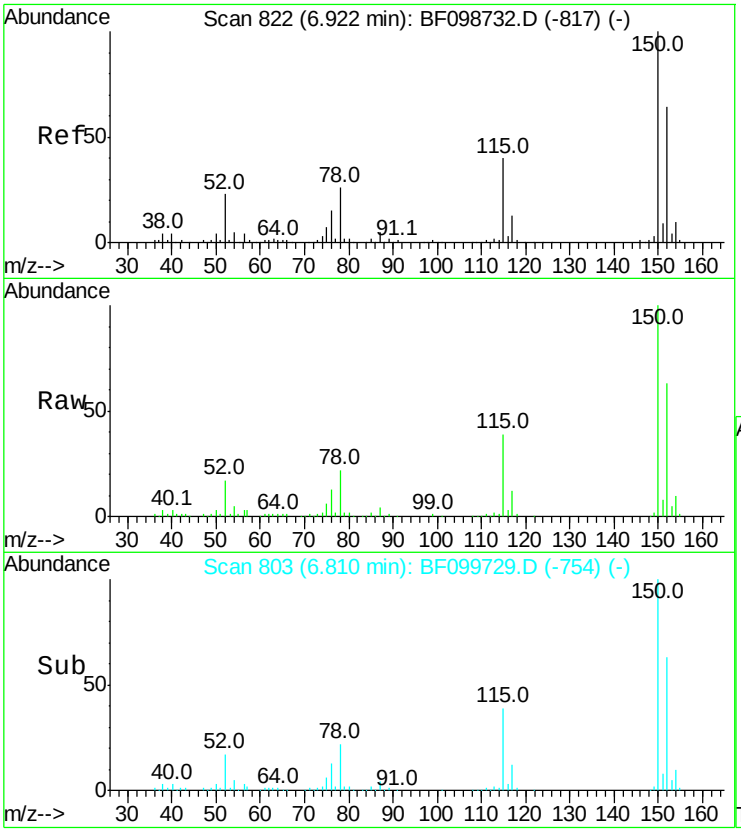


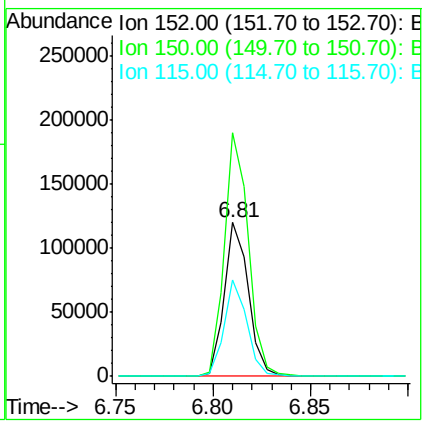


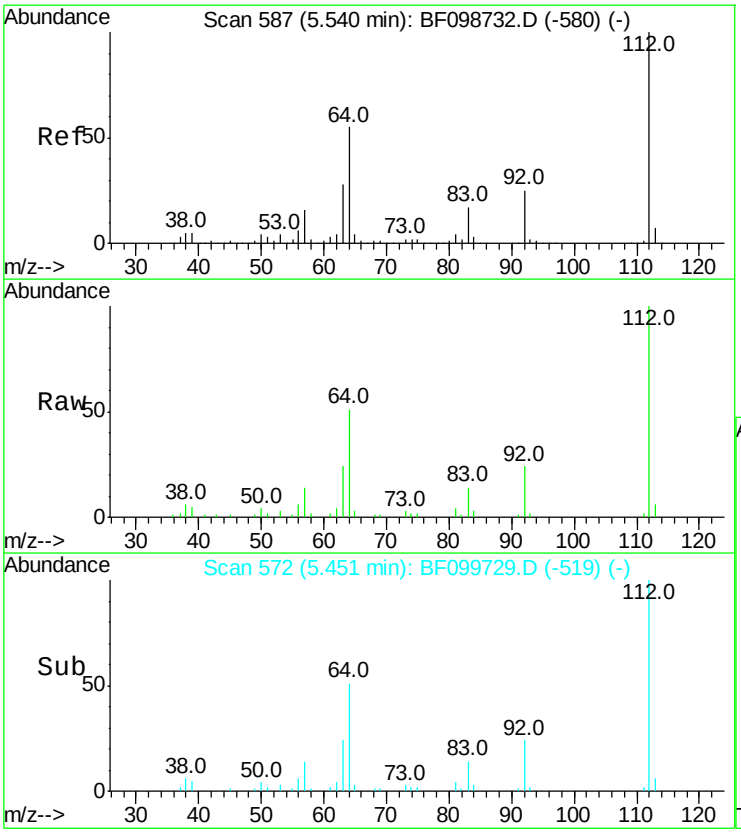
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 103043

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	62.4	50.1	75.1

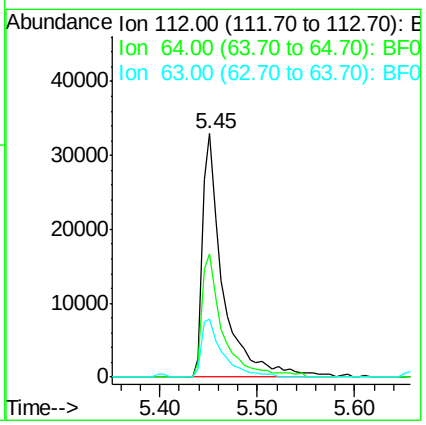


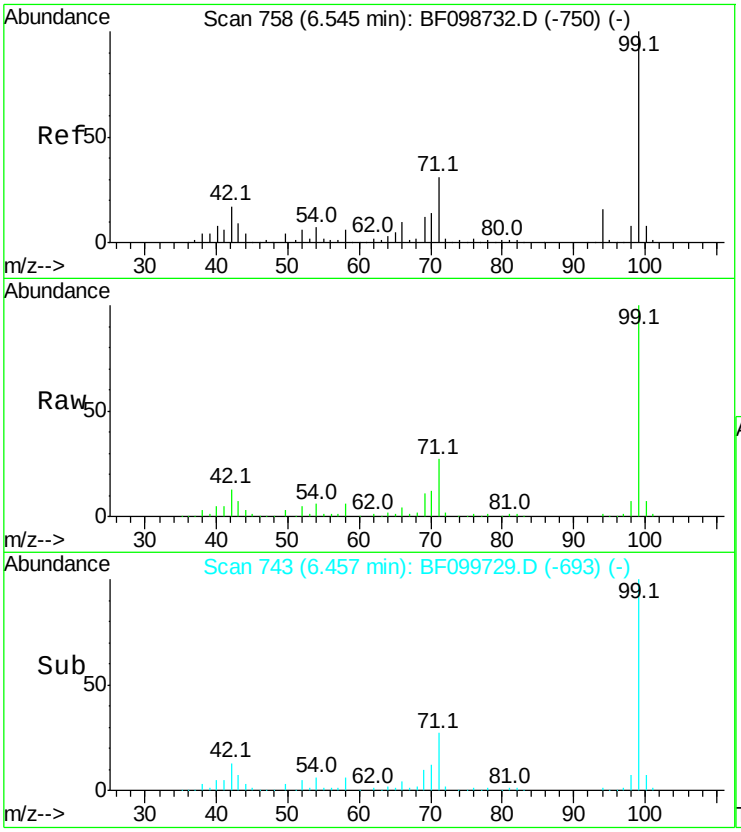


#5
2-Fluorophenol
Concen: 7.402 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion:112 Resp: 47914

Ion	Ratio	Lower	Upper
112	100		
64	50.5	47.9	71.9
63	24.0	23.7	35.5



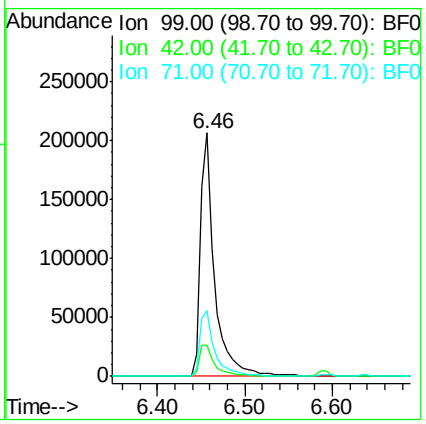


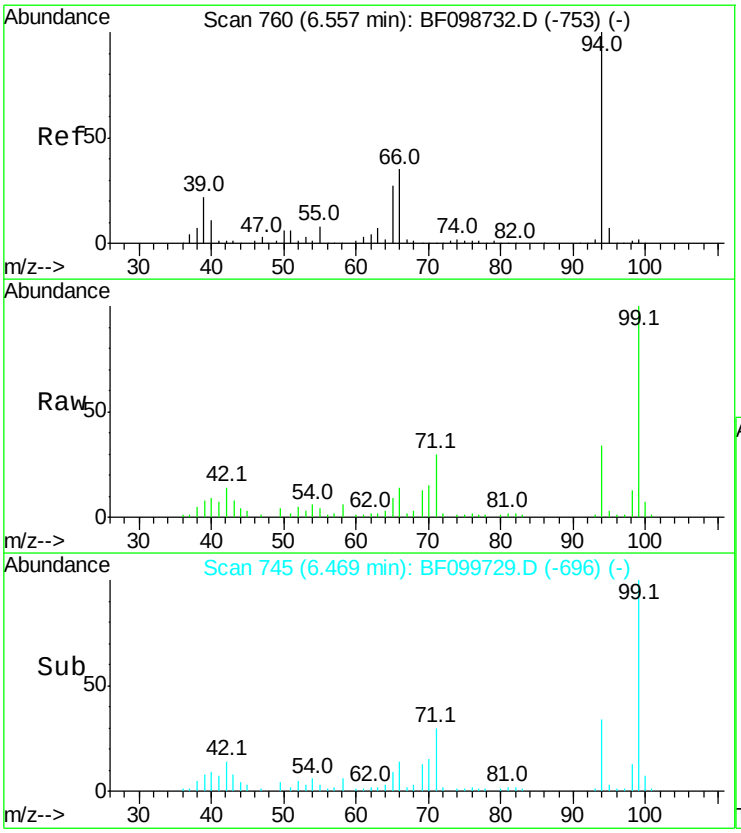
#7
Phenol-d6
Concen: 29.137 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 232662

Ion	Ratio	Lower	Upper
99	100		
42	12.9	14.5	21.7#
71	27.1	25.4	38.0

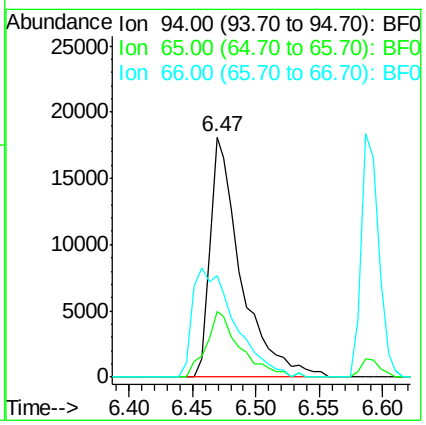


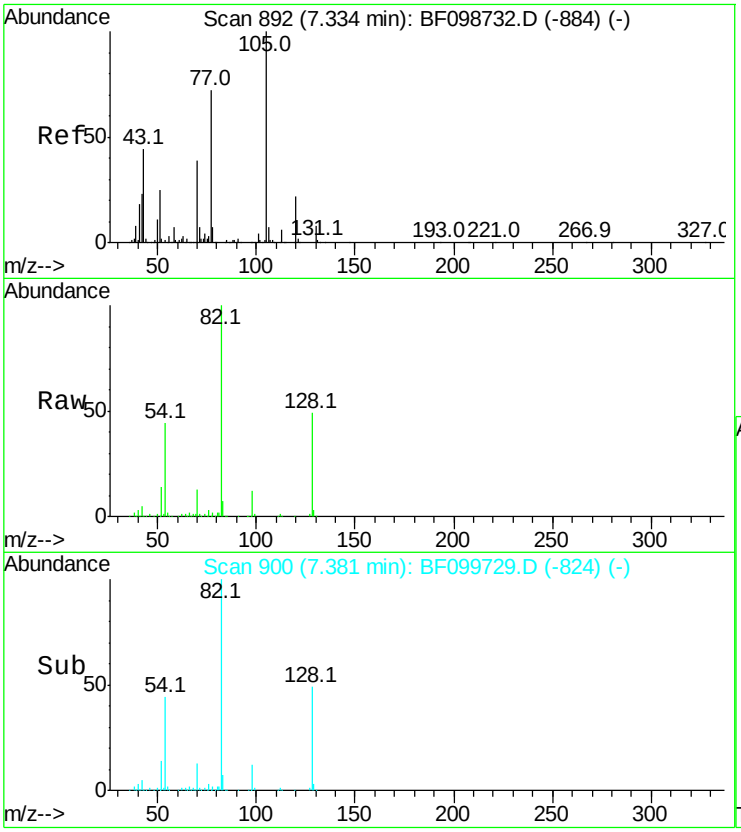


#10
Phenol
Concen: 3.469 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion: 94 Resp: 30981

Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.9	47.9
66	42.0	16.2	56.2



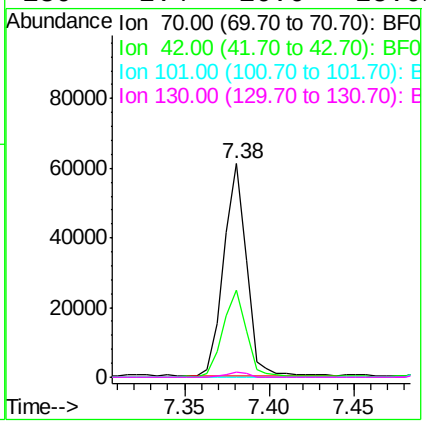


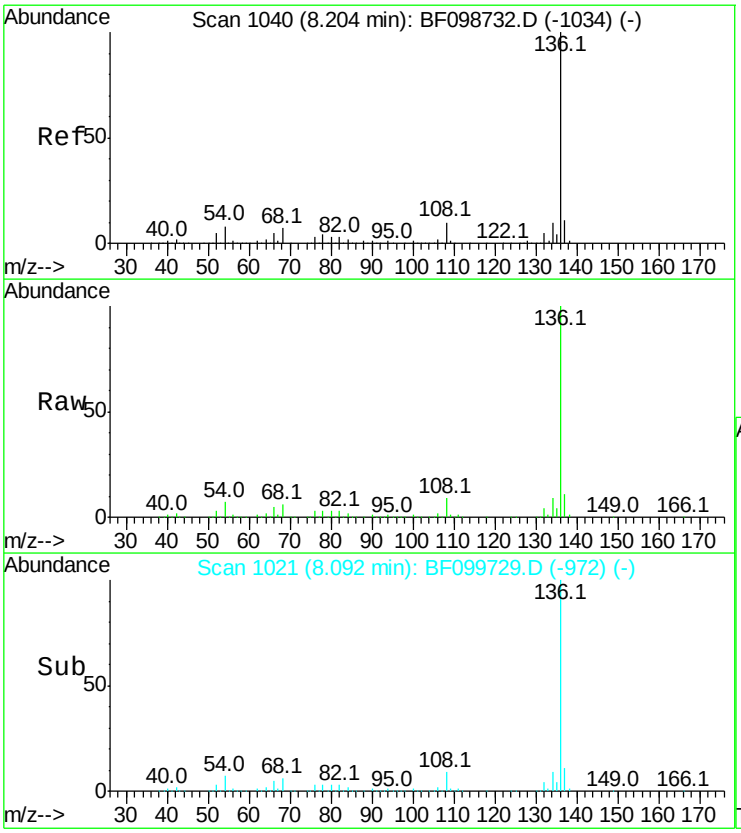
#19
n-Nitroso-di-n-propylamine
Concen: 11.087 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 56525

Ion	Ratio	Lower	Upper
70	100		
42	40.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

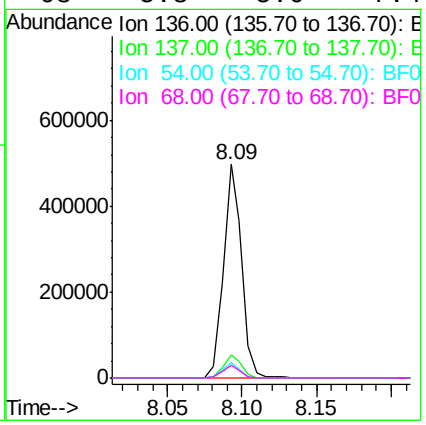


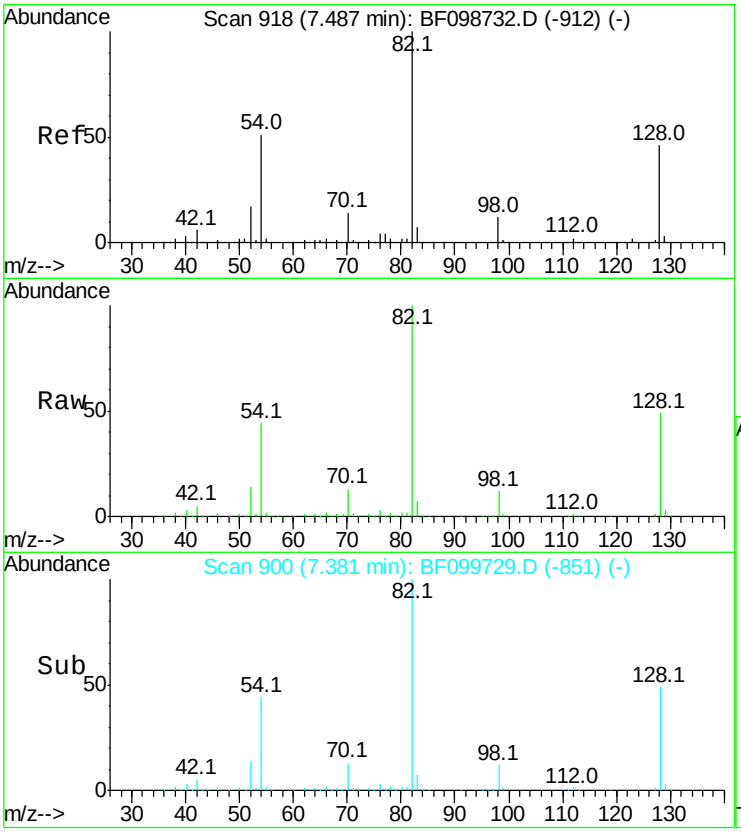


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion:136 Resp: 427359

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	5.8	5.0	7.4



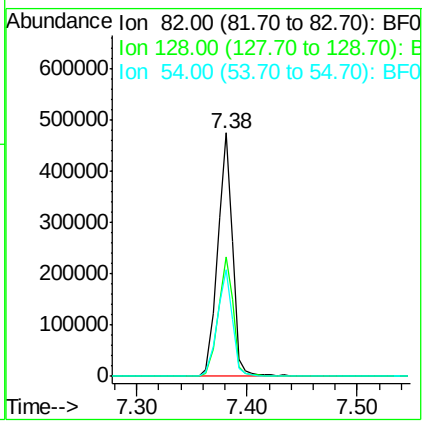


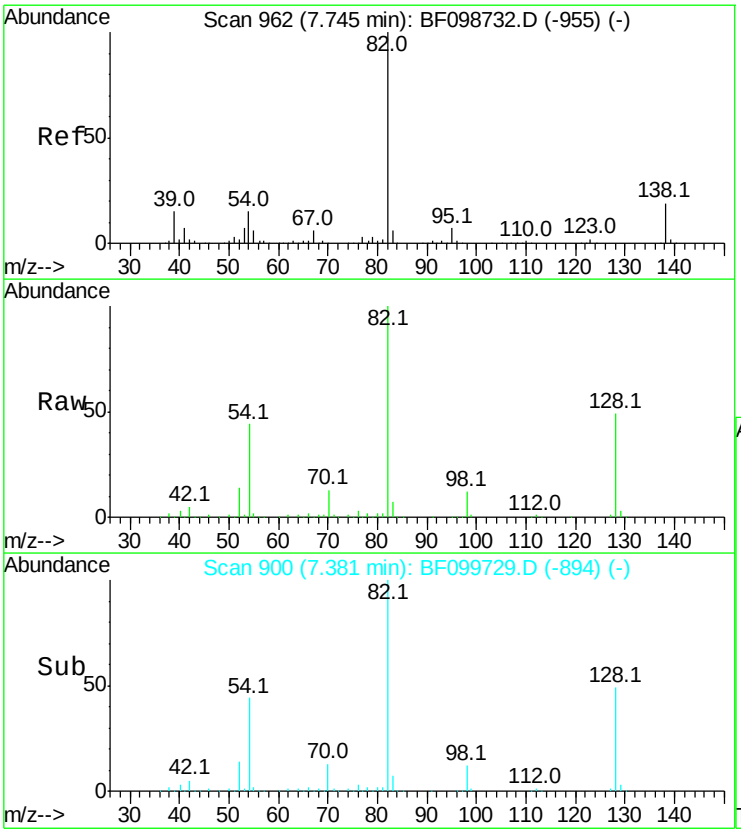
#23
Nitrobenzene-d5
Concen: 66.768 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 444938

Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.1	54.1
54	44.0	41.4	62.2

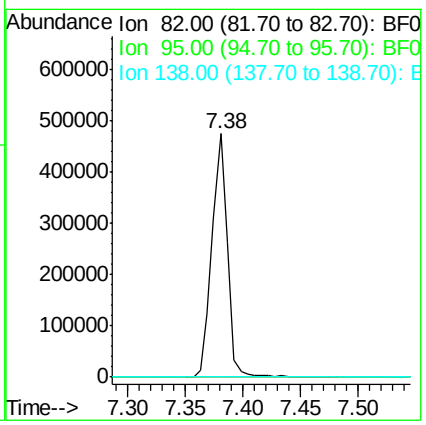


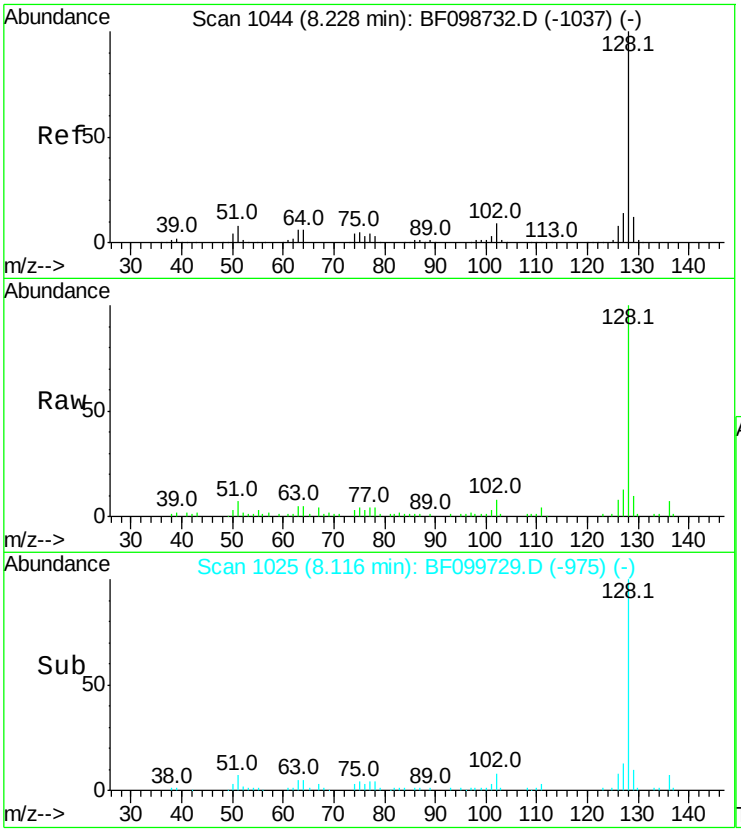


#25
Isophorone
Concen: 32.294 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion: 82 Resp: 444933

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



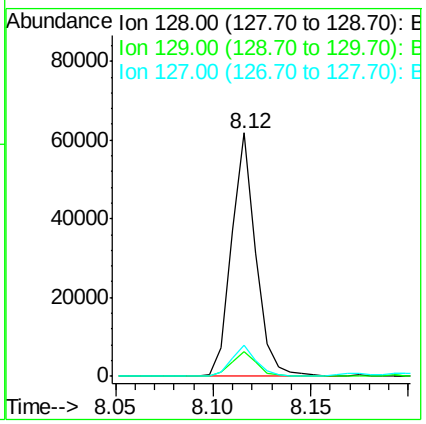


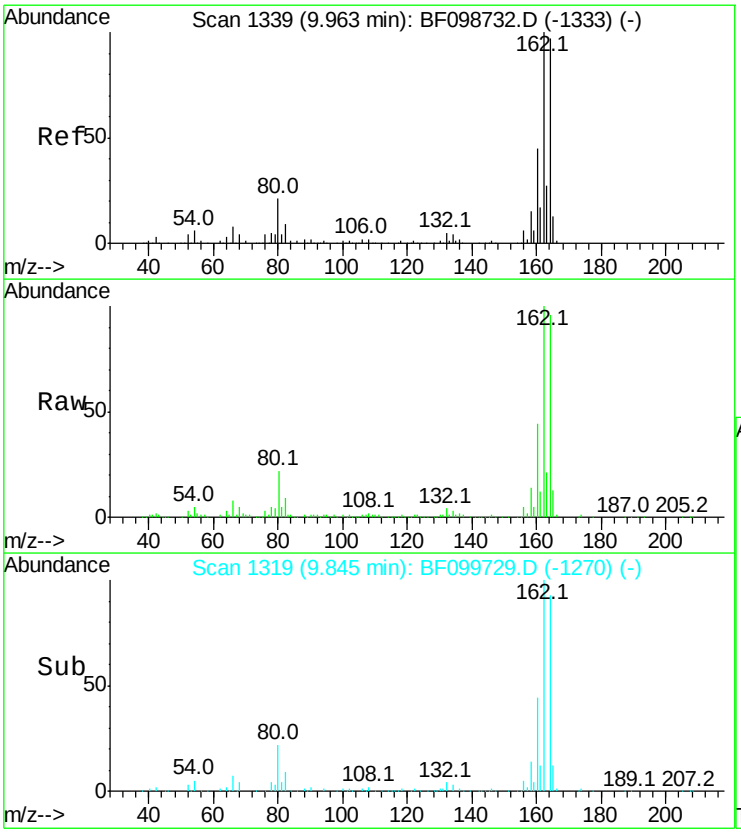
#31
Naphthalene
Concen: 2.646 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 53110

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	12.8	10.9	16.3

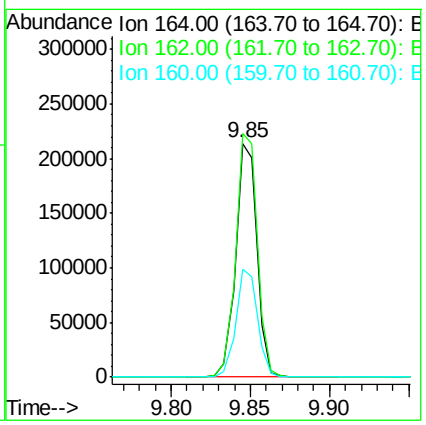


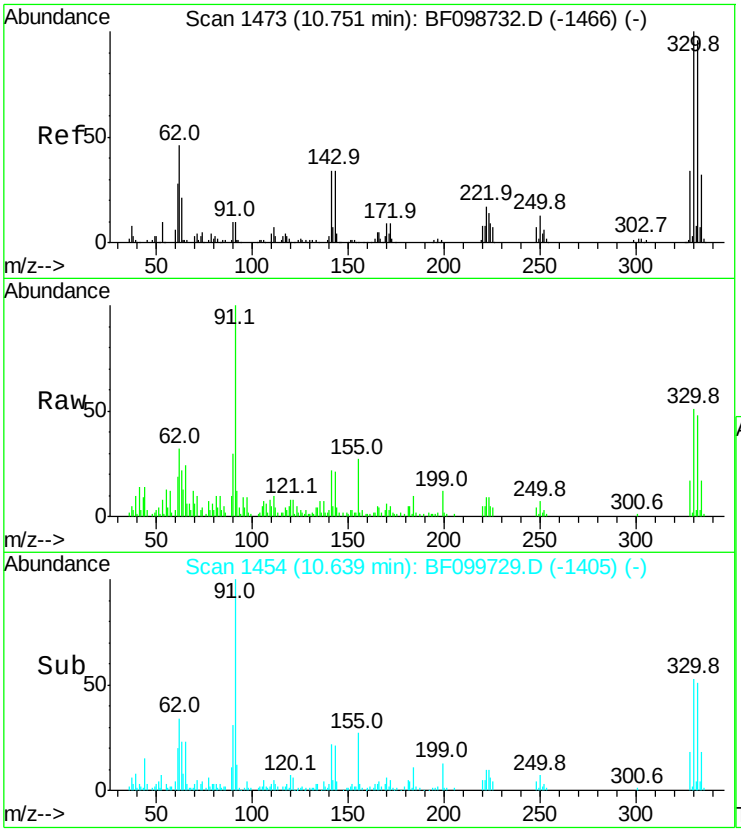


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion:164 Resp: 198515

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	45.9	38.3	57.5



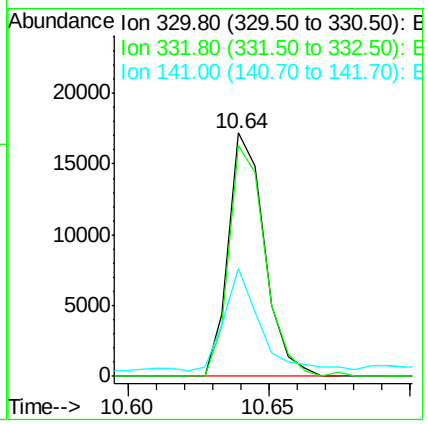


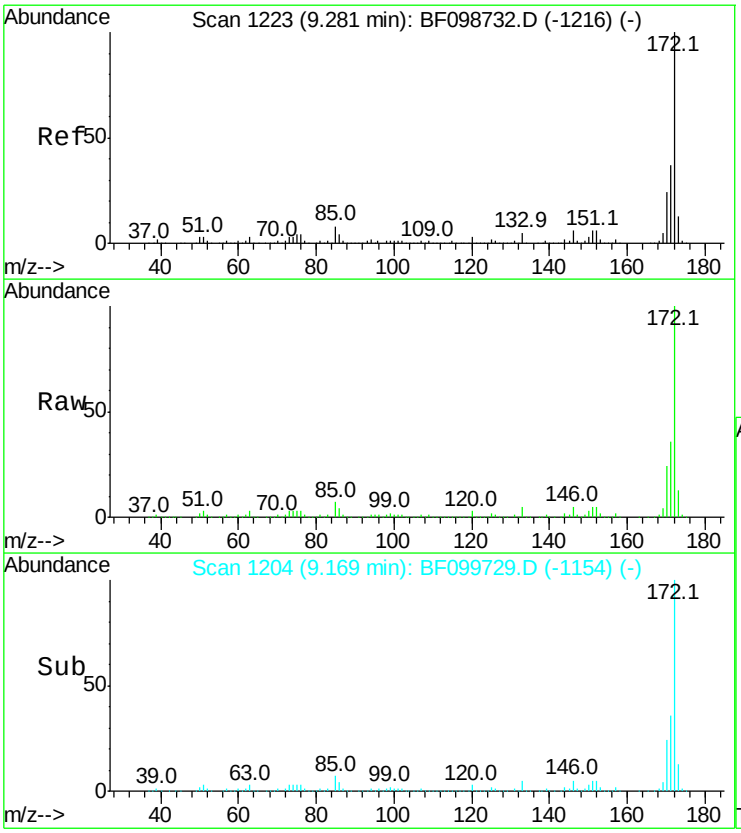
#41
2,4,6-Tribromophenol
Concen: 9.428 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 15315

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	42.3	29.9	44.9

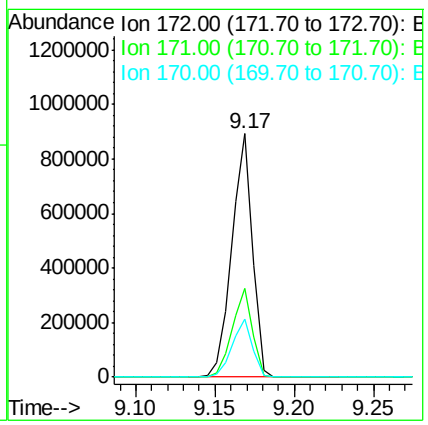


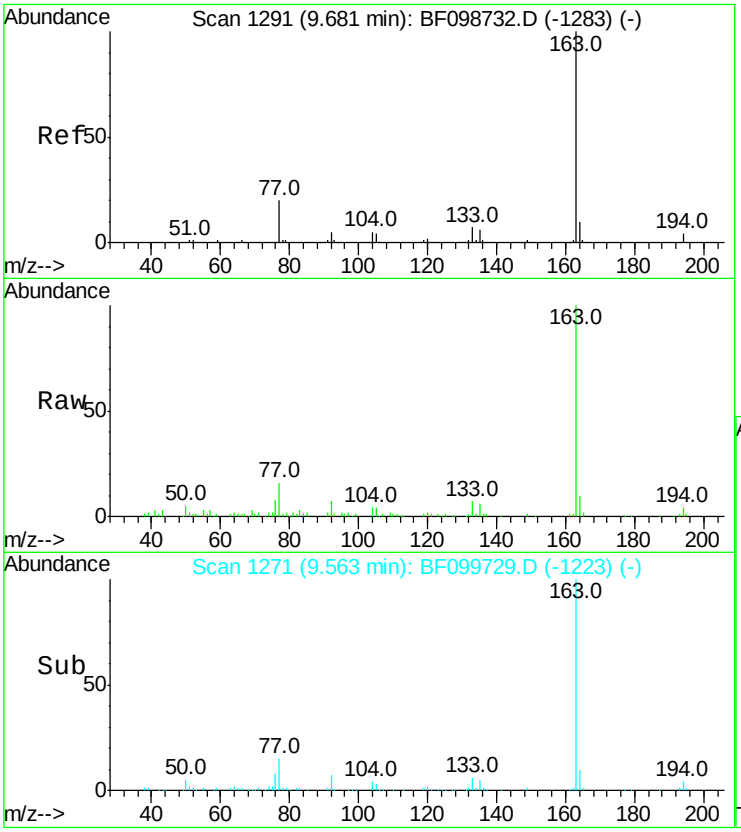


#44
2-Fluorobiphenyl
Concen: 67.630 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion:172 Resp: 804212

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4



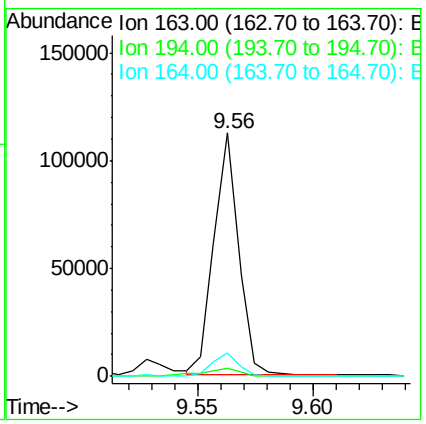


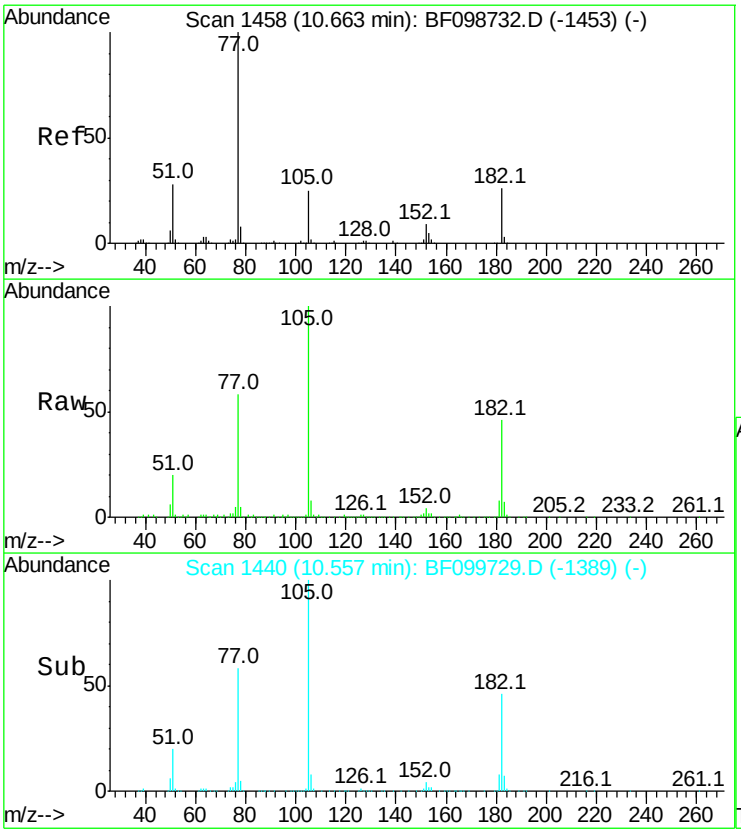
#49
Dimethylphthalate
Concen: 5.561 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 83319

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.7	8.2	12.2

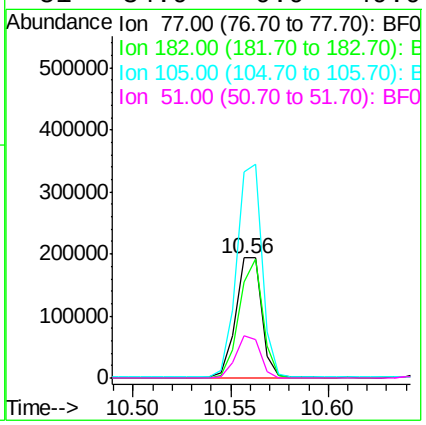


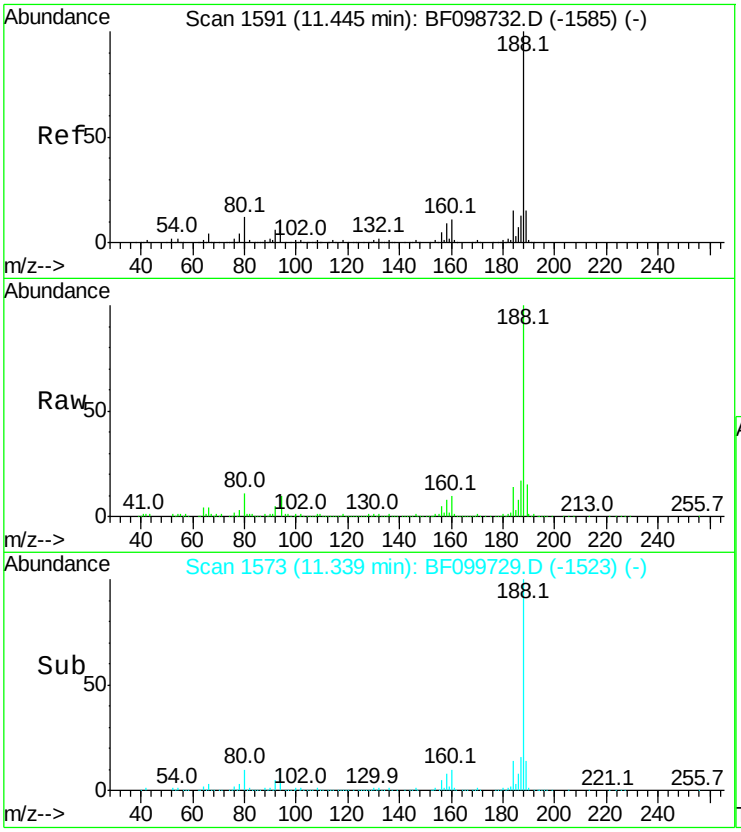


#62
Azobenzene
Concen: 13.151 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion: 77 Resp: 177033

Ion	Ratio	Lower	Upper
77	100		
182	79.5	1.7	41.7#
105	171.8	3.0	43.0#
51	34.9	9.9	49.9



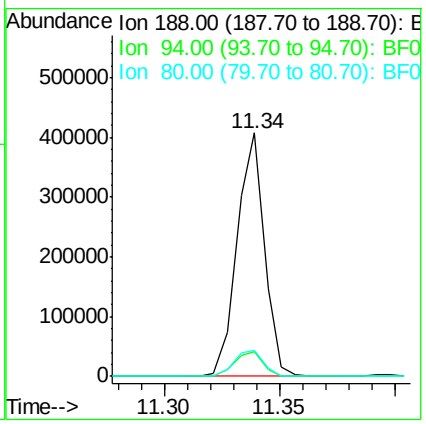


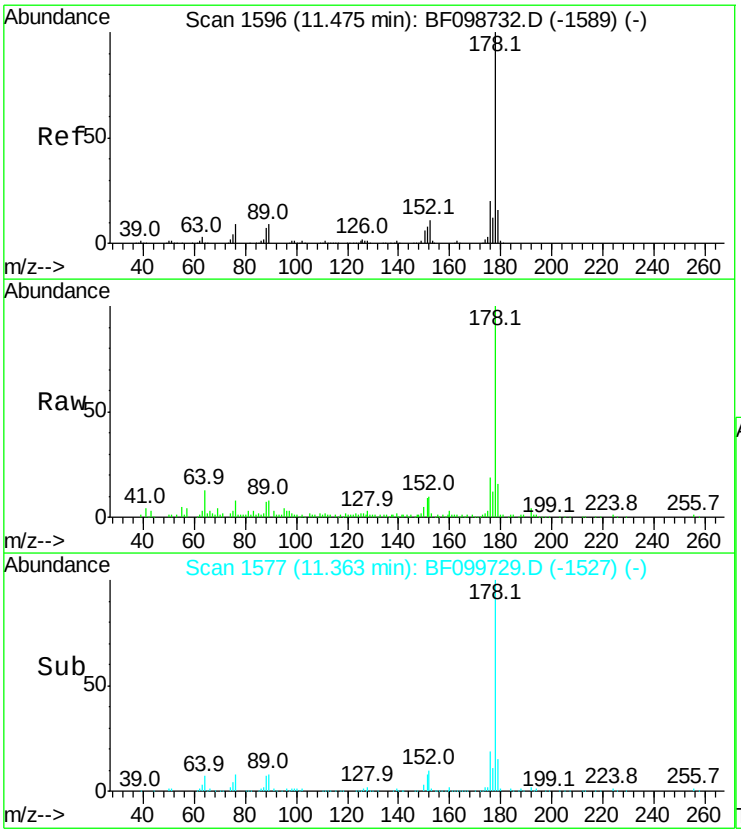
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 337881

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.5	9.2	13.8

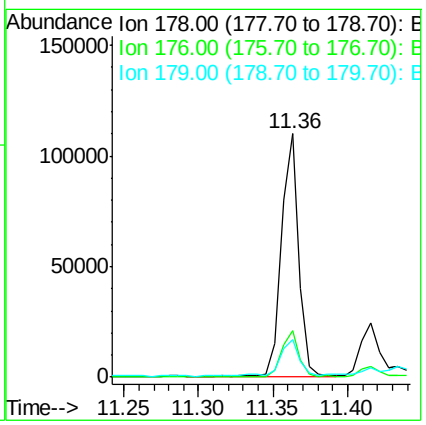


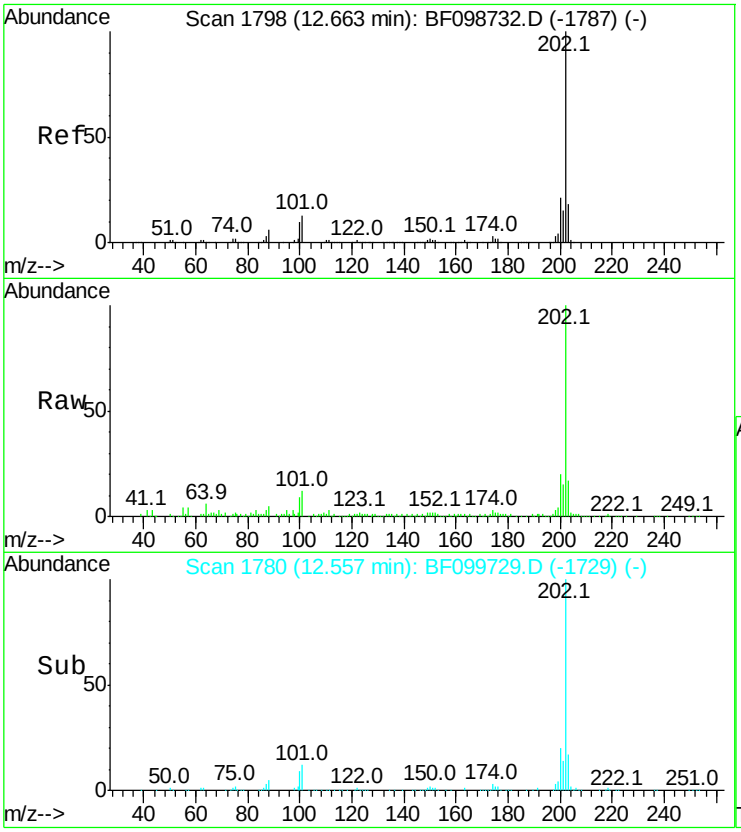


#70
Phenanthrene
Concen: 5.031 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion:178 Resp: 90985

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.5	13.0	19.6



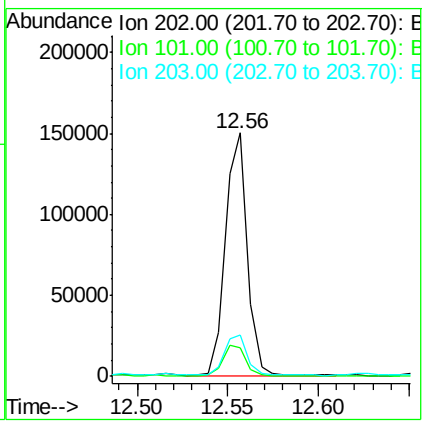


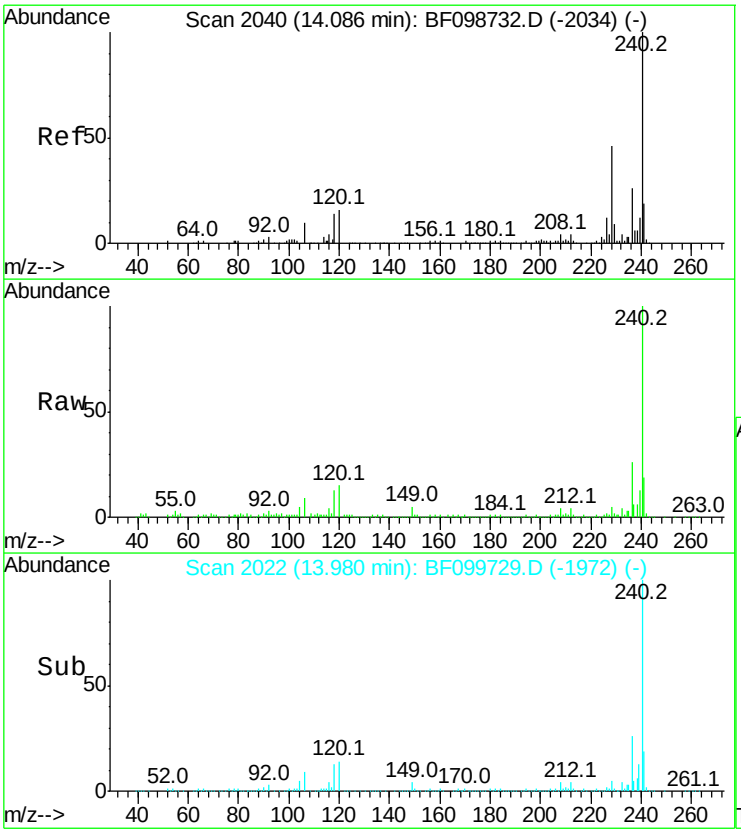
#74
Fluoranthene
Concen: 6.839 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 125251

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	16.9	0.0	38.1

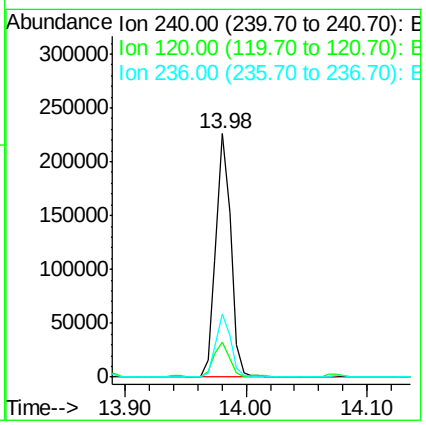


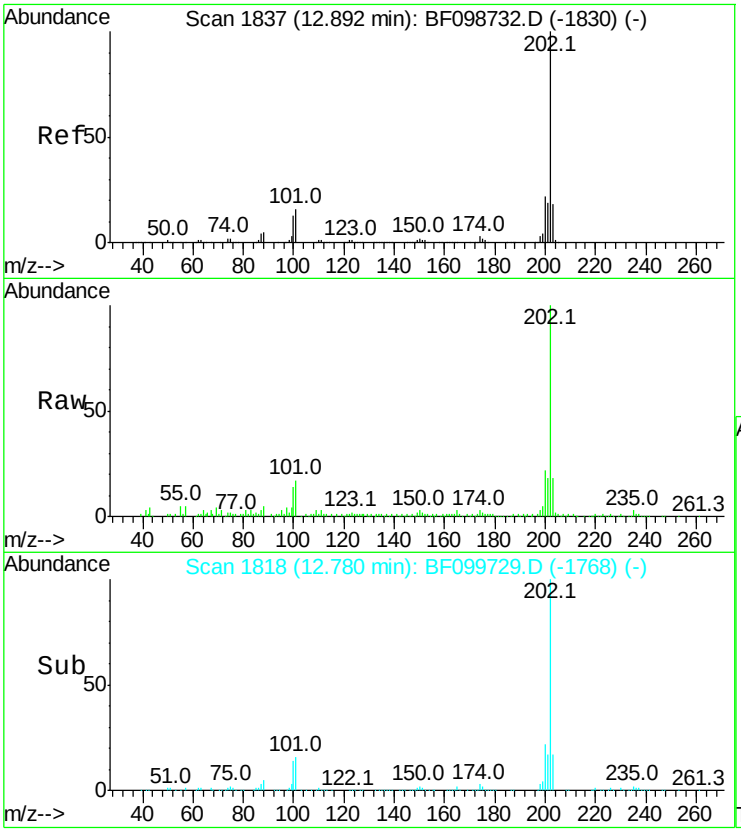


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion:240 Resp: 192796

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	26.1	20.7	31.1



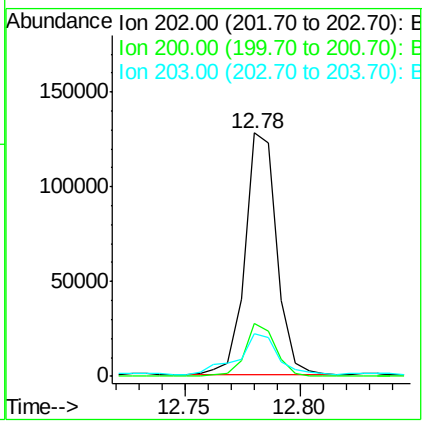


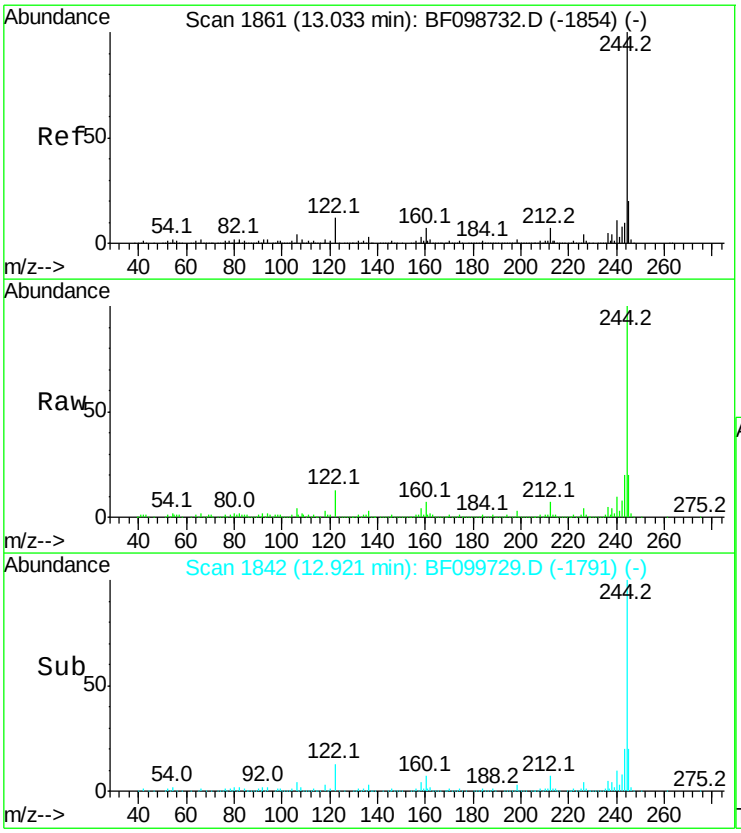
#77
Pyrene
Concen: 8.379 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 123180

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.6	14.3	21.5

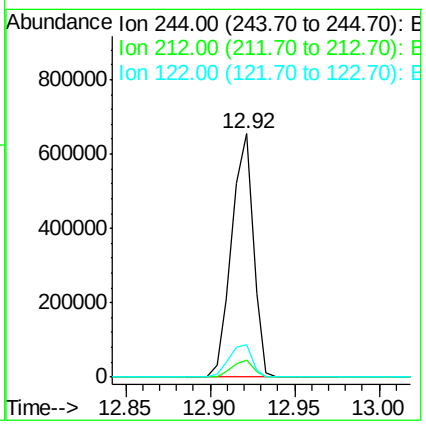


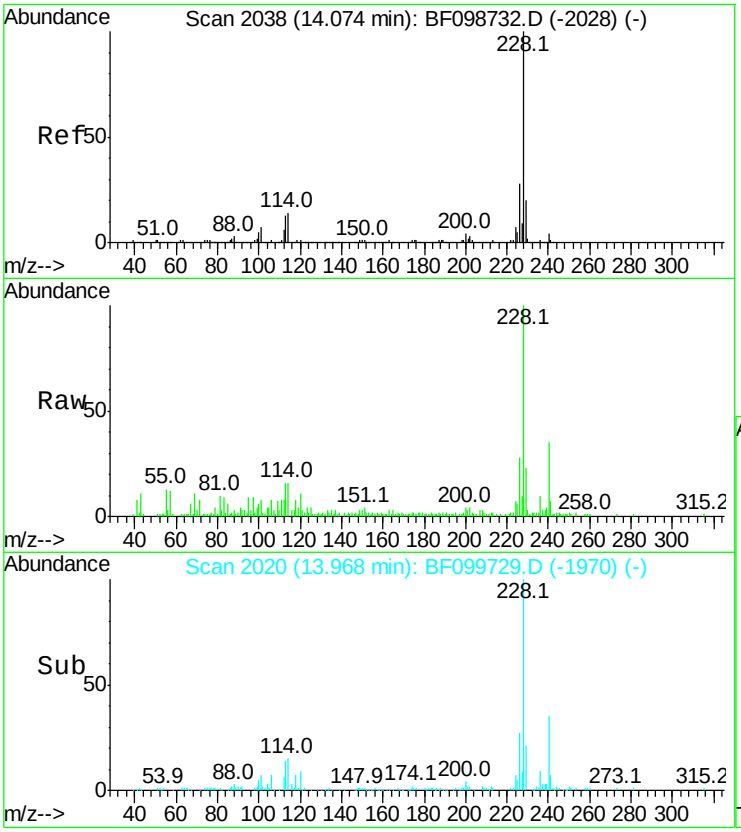


#78
Terphenyl-d14
Concen: 68.956 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion:244 Resp: 584575

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.4	11.0	16.4



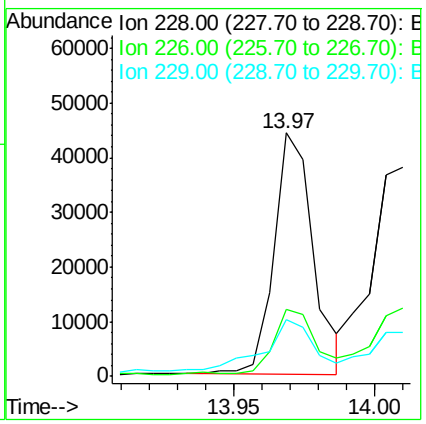


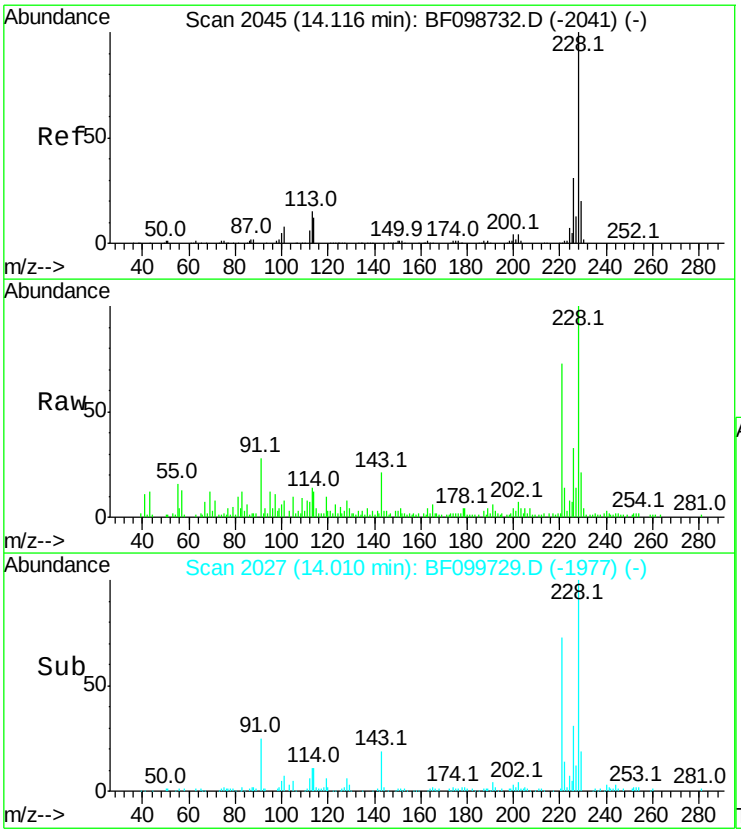
#80
Benzo(a)anthracene
Concen: 3.642 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 42519

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	23.4	15.8	23.6

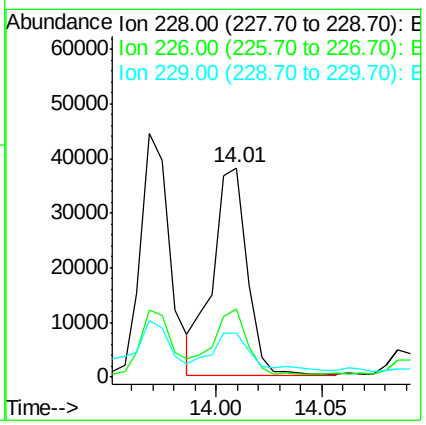


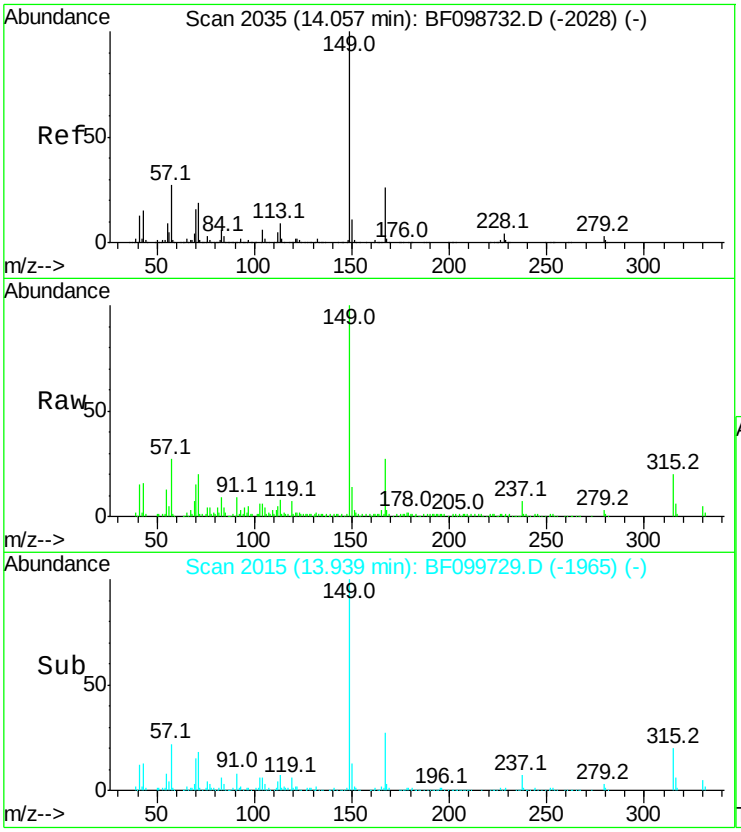


#82
Chrysene
Concen: 3.899 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion:228 Resp: 43335

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	21.2	16.2	24.4



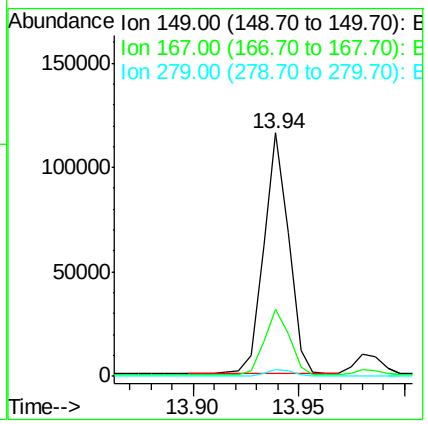


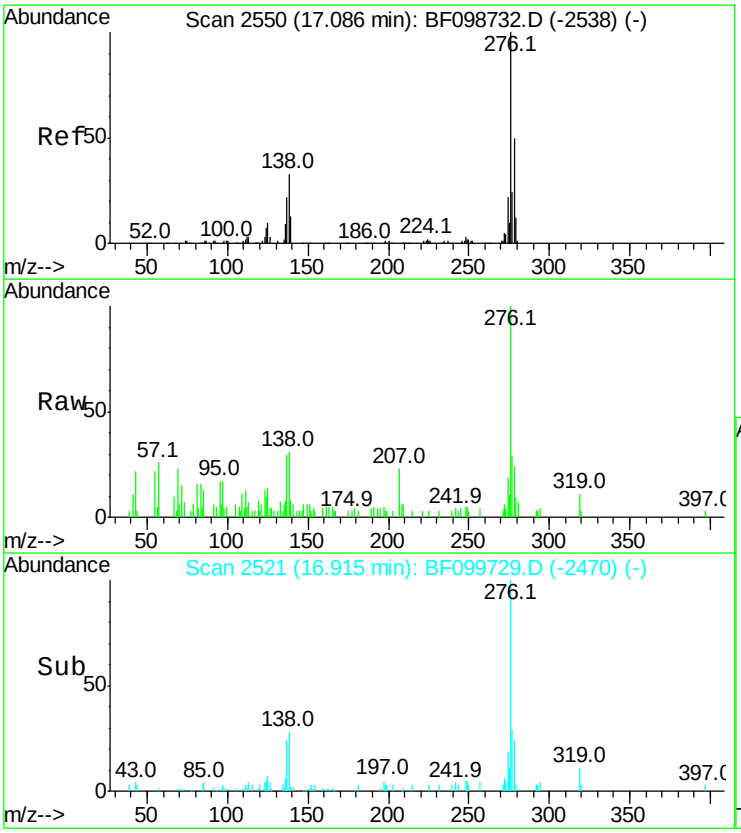
#83
Bis(2-ethylhexyl)phthalate
Concen: 10.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 95133

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	2.9	3.0	4.4#

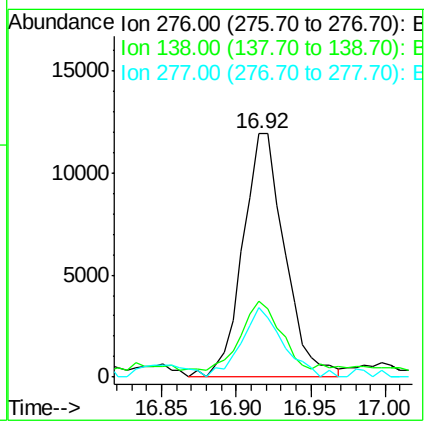


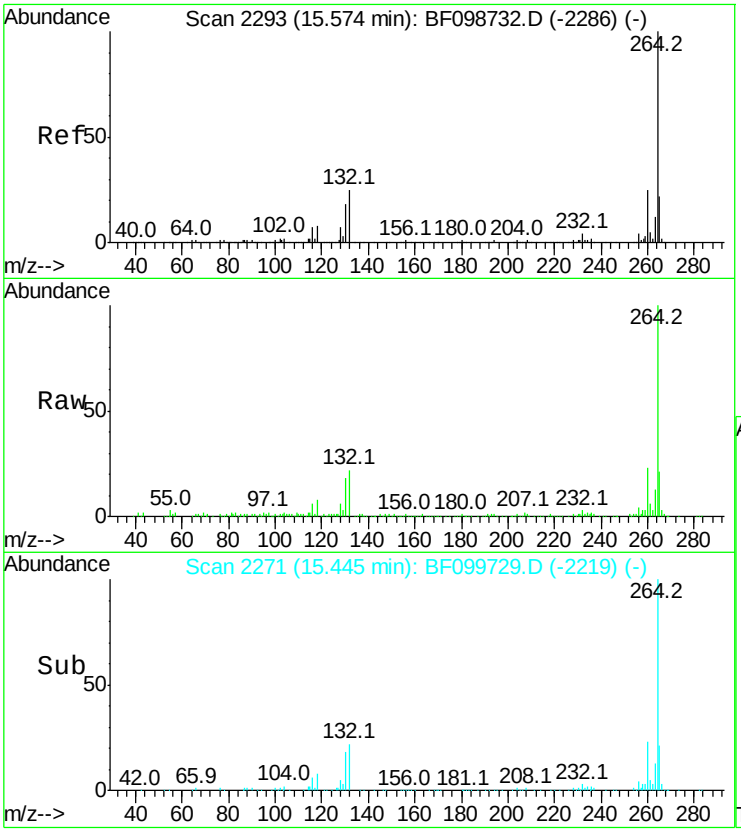


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.614 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.00 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion:276 Resp: 23239

Ion	Ratio	Lower	Upper
276	100		
138	26.3	25.0	37.6
277	27.9	20.1	30.1



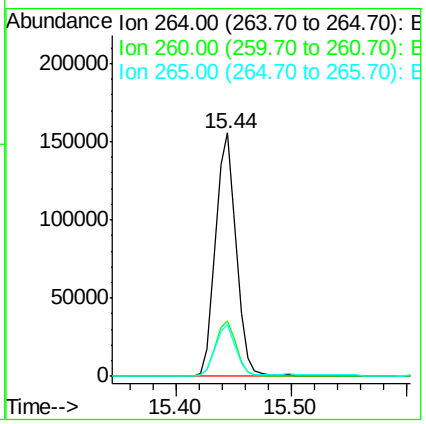


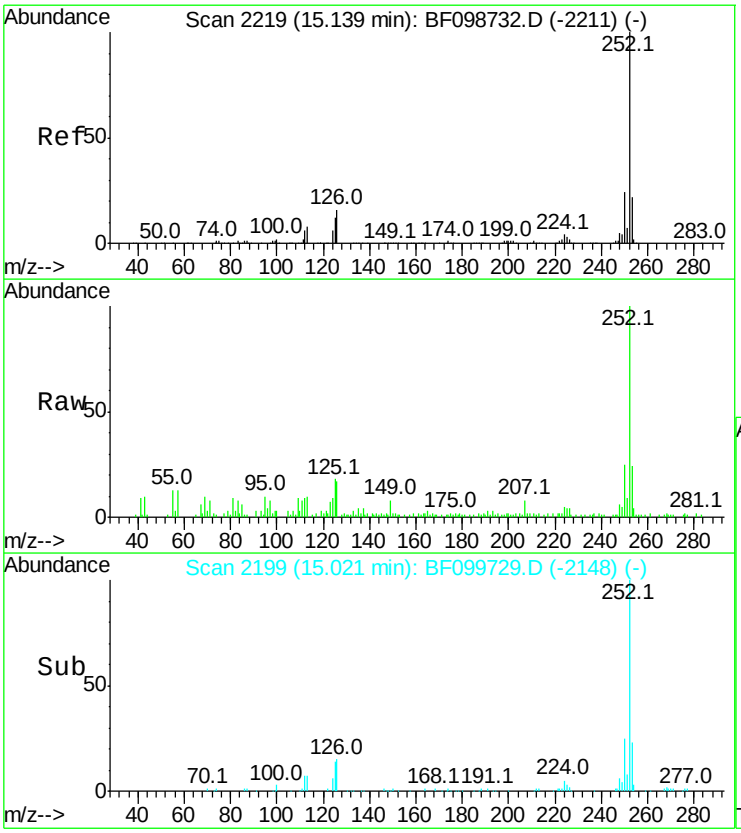
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 193615

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.4	17.5	26.3

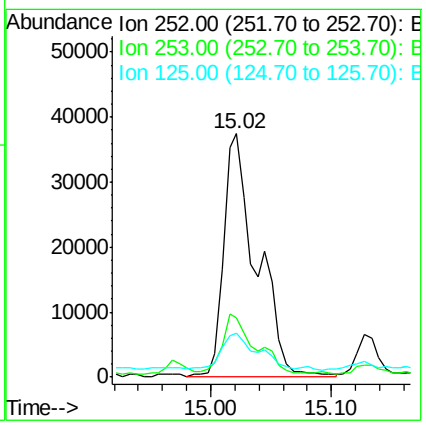


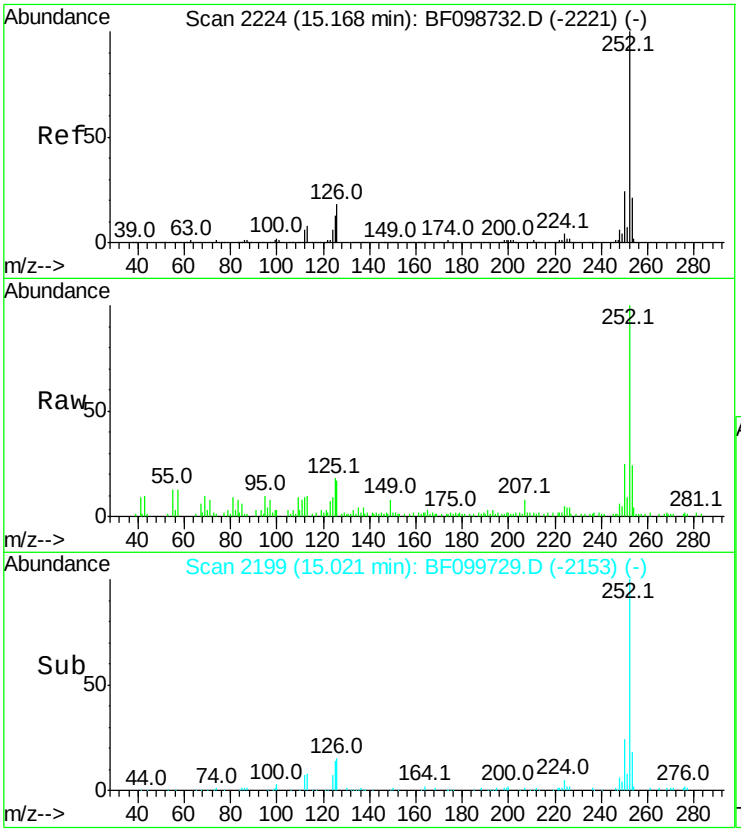


#87
Benzo(b)fluoranthene
Concen: 5.968 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion:252 Resp: 71049

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	18.0	9.0	13.6#



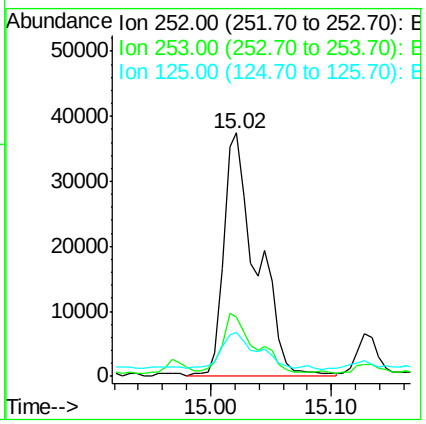


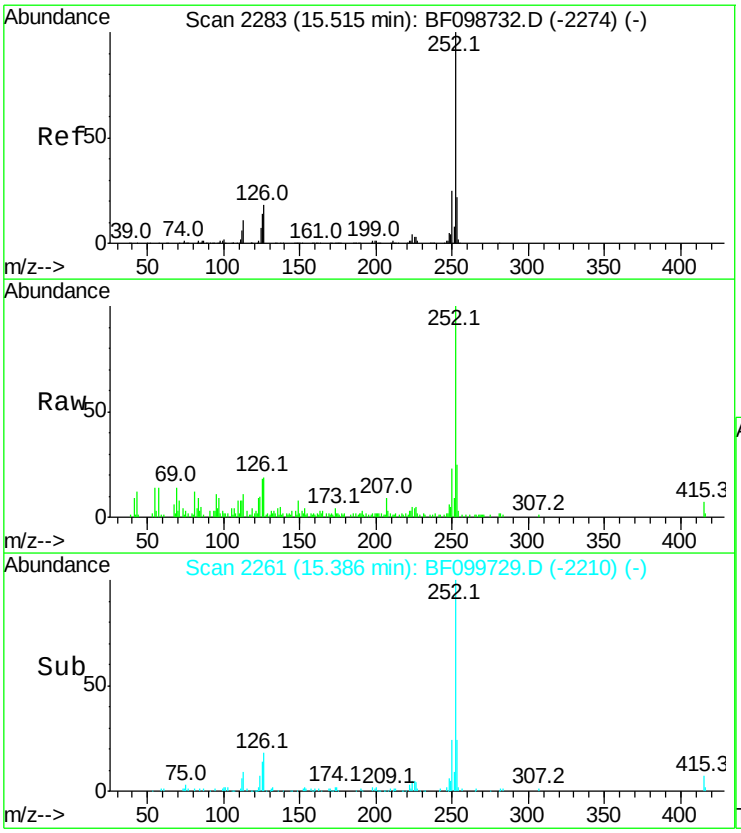
#88
Benzo(k)fluoranthene
Concen: 6.043 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 71049

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	18.0	10.2	15.2#

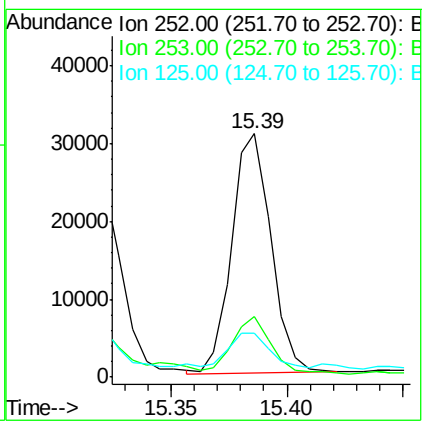


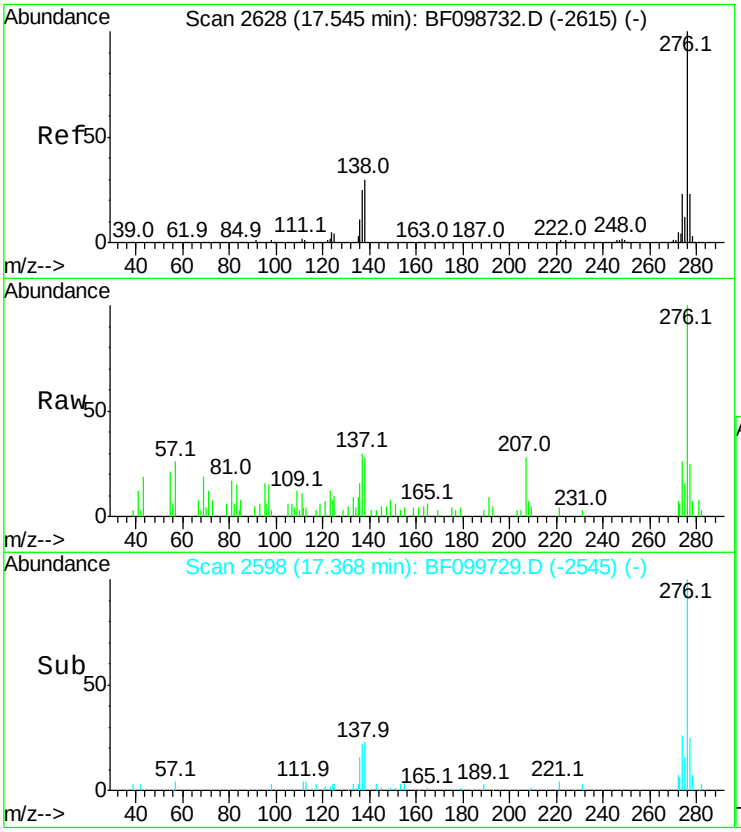


#89
Benzo(a)pyrene
Concen: 3.339 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion:252 Resp: 36482

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	18.0	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.625 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 22693

Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	27.7	21.8	32.8