Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099389.D
Acq On : 12 Oct 2017 12:14
Operator : SJ/JU
Sample : I5710-18RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 12 16:22:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 16:21:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139470	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	573654	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	245112	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	398939	20.00	ng		0.00
75) Chrysene-d12	14.02	240	228759	20.00	ng		0.00
86) Perylene-d12	15.49	264	237464	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1047976	119.62	ng		0.01
7) Phenol-d6	6.50	99	1284274	118.83	ng		0.01
23) Nitrobenzene-d5	7.42	82	785934	87.86	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	253731	126.51	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1344102	91.54	ng		0.00
78) Terphenyl-d14	12.96	244	911755	90.64	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	20729	3.306	ng		86
10) Phenol	6.50	94	44516	3.683	ng		98
19) n-Nitroso-di-n-propylamine	7.42	70	102017	14.784	ng	#	74
25) Isophorone	7.42	82	785920	42.496	ng	#	64
49) Dimethylphthalate	9.60	163	241402	13.049	ng		99
56) 2,4-Dinitrotoluene	9.89	165	31523	6.031	ng	#	23
66) 4-Bromophenyl-phenylether	10.68	248	17269	4.422	ng	#	1
74) Fluoranthene	12.59	202	77931	3.604	ng		98
77) Pyrene	12.82	202	91230	5.230	ng		98
80) Benzo(a)anthracene	14.00	228	44284	3.197	ng		96
82) Chrysene	14.04	228	47222	3.581	ng		98
85) Indeno(1,2,3-cd)pyrene	16.96	276	40520	3.841	ng		97
87) Benzo(b)fluoranthene	15.05	252	101287	6.937	ng	#	95
88) Benzo(k)fluoranthene	15.05	252	101287	7.024	ng	#	96
89) Benzo(a)pyrene	15.42	252	55254	4.123	ng	#	96
91) Benzo(g,h,i)perylene	17.41	276	40521	3.822	ng		96

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

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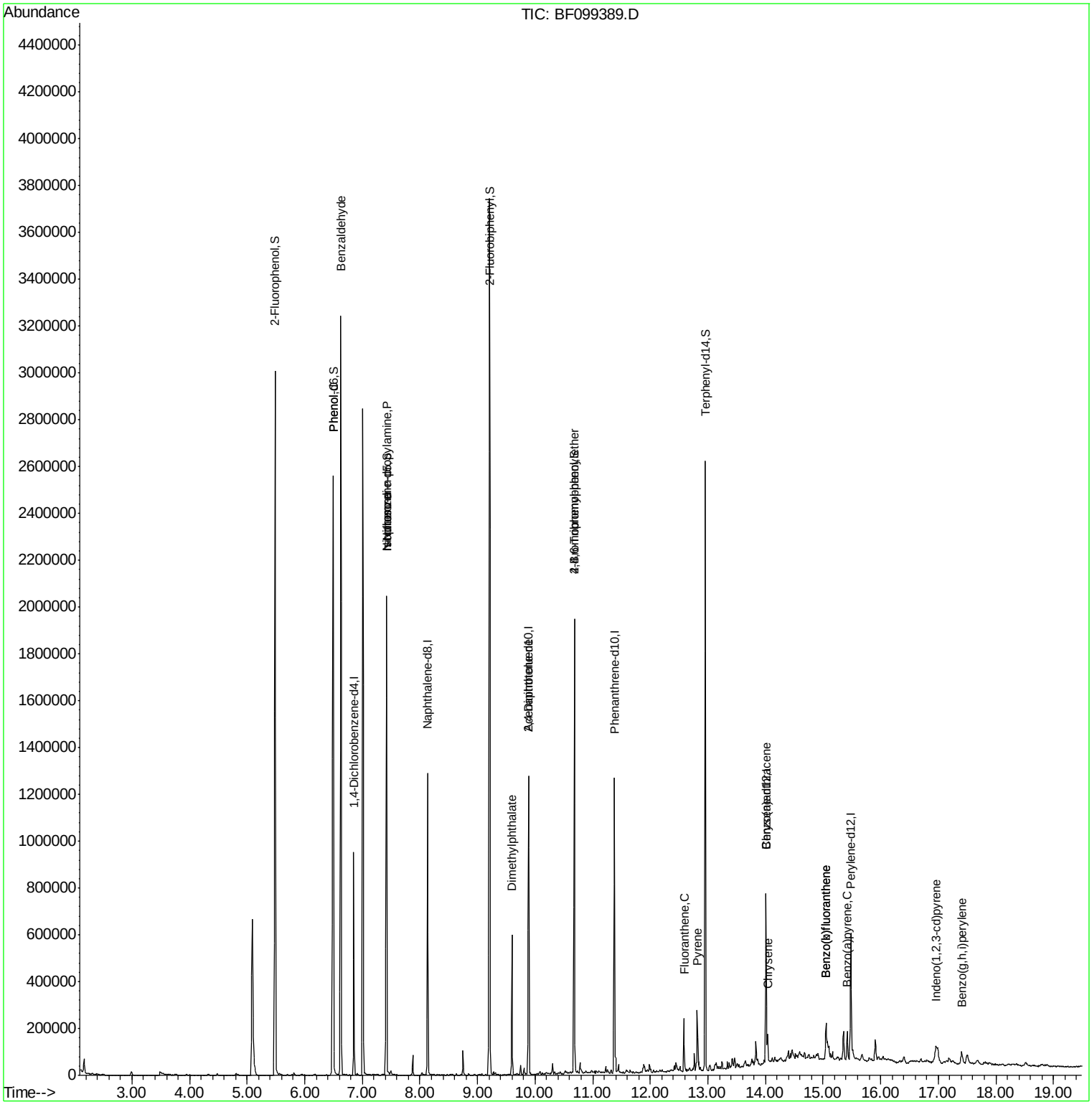
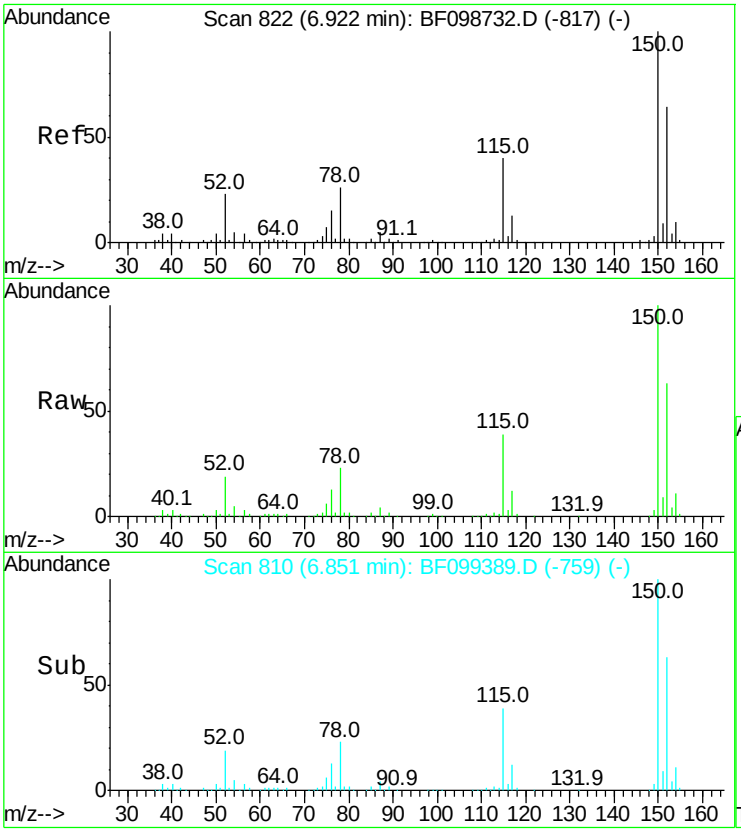


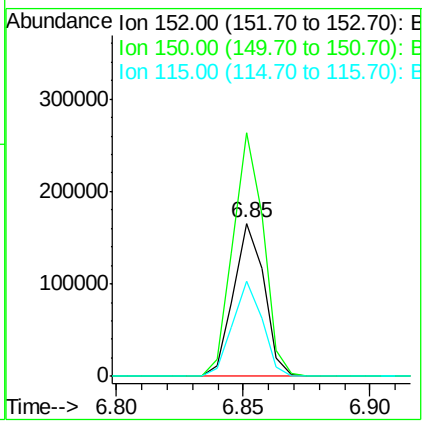


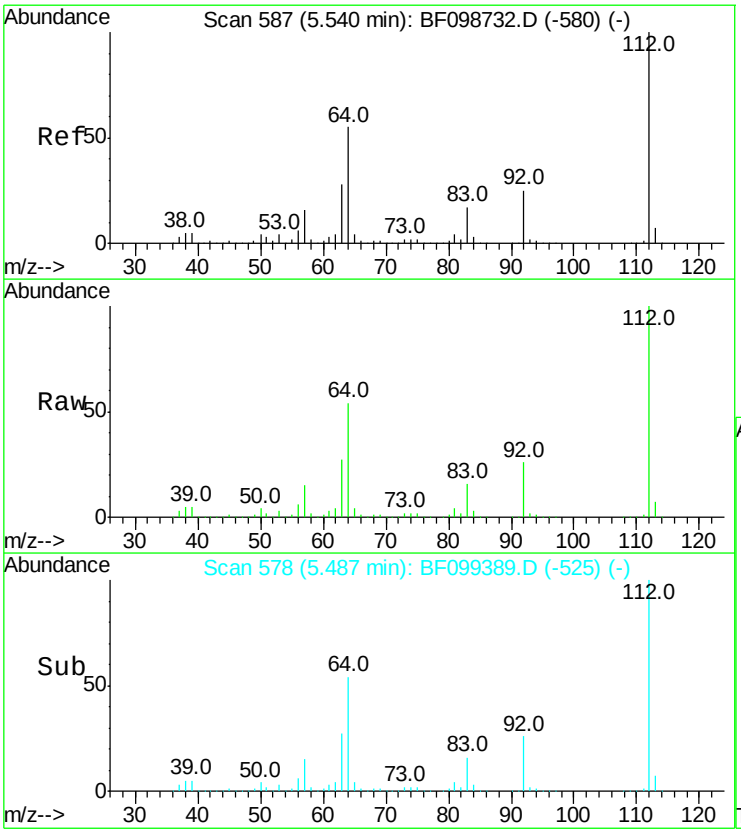
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 139470

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	62.1	50.1	75.1

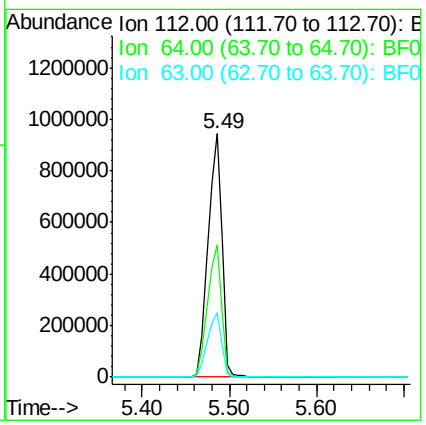


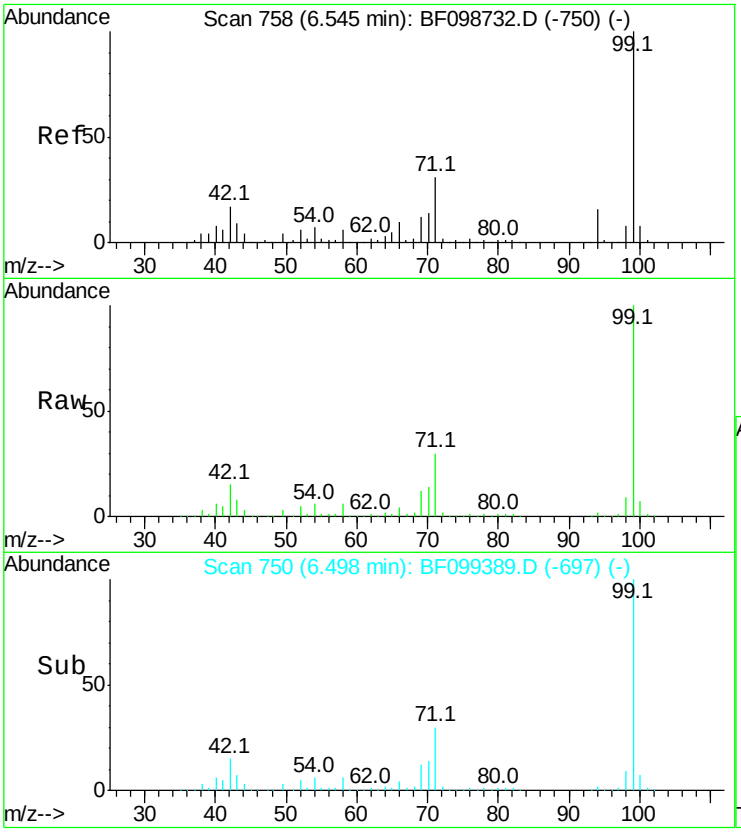


#5
2-Fluorophenol
Concen: 119.615 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion:112 Resp: 1047976

Ion	Ratio	Lower	Upper
112	100		
64	54.4	47.9	71.9
63	26.7	23.7	35.5



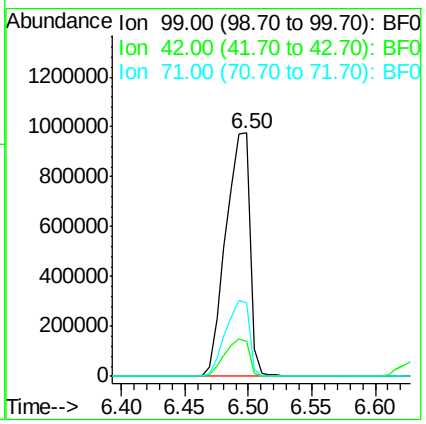


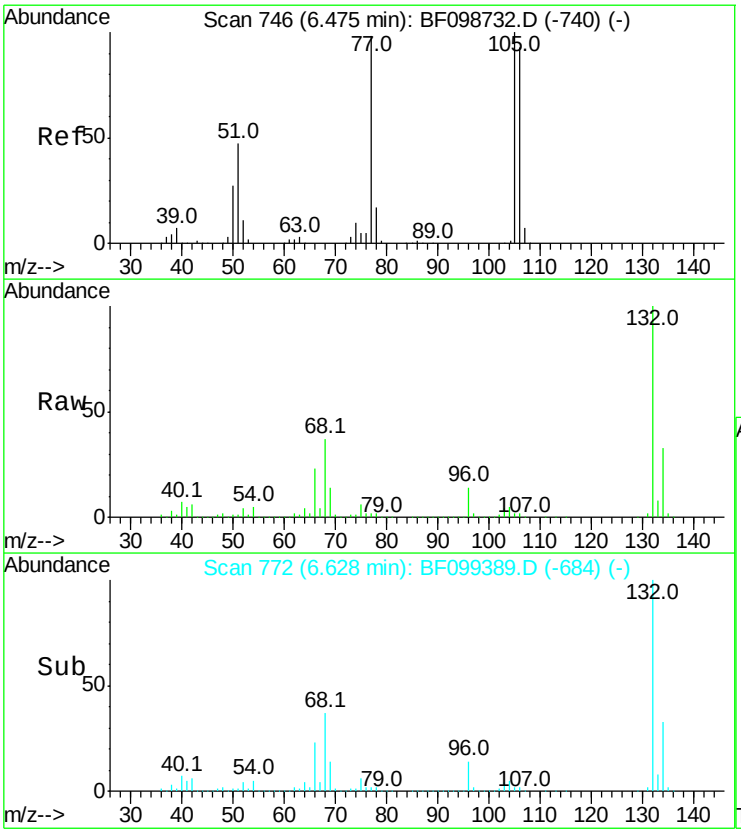
#7
Phenol-d6
Concen: 118.827 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1284274

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	30.1	25.4	38.0

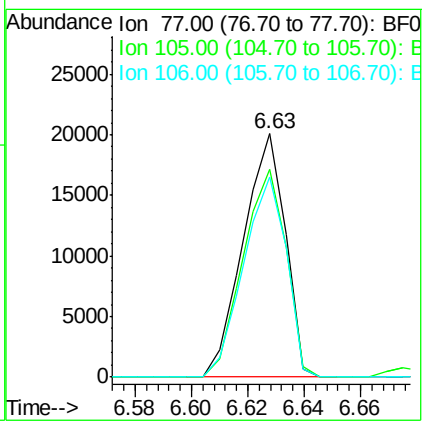


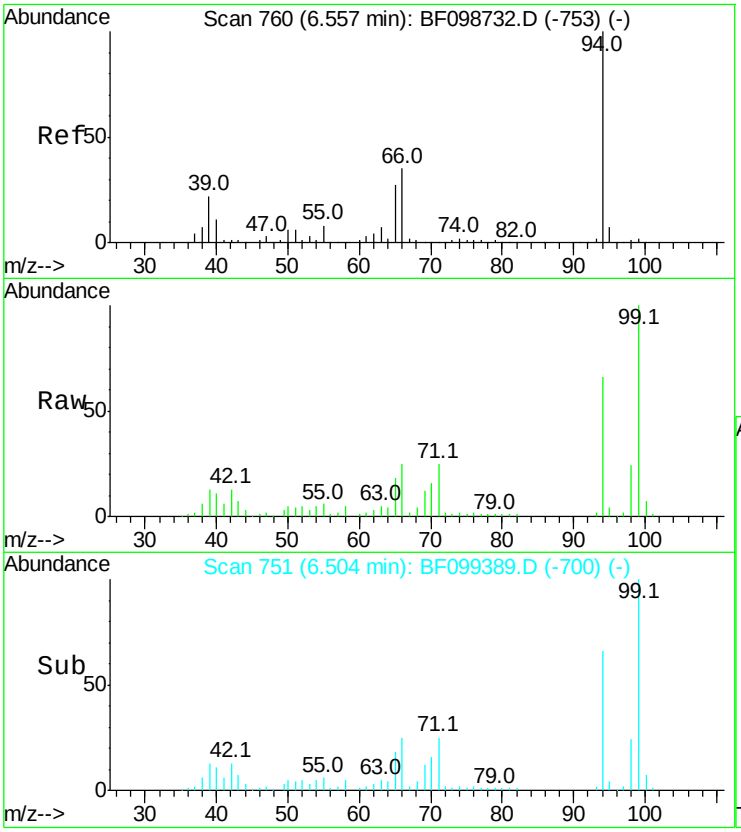


#9
Benzaldehyde
Concen: 3.306 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.22 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion: 77 Resp: 20729

Ion	Ratio	Lower	Upper
77	100		
105	85.5	81.1	121.1
106	82.3	74.5	114.5



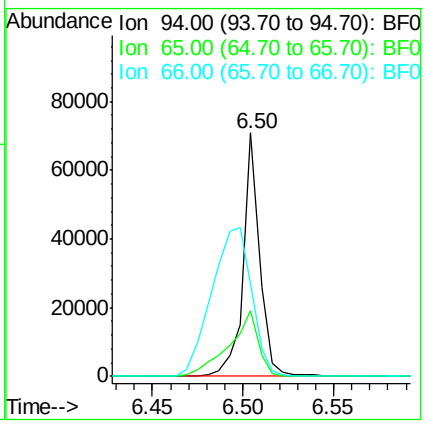


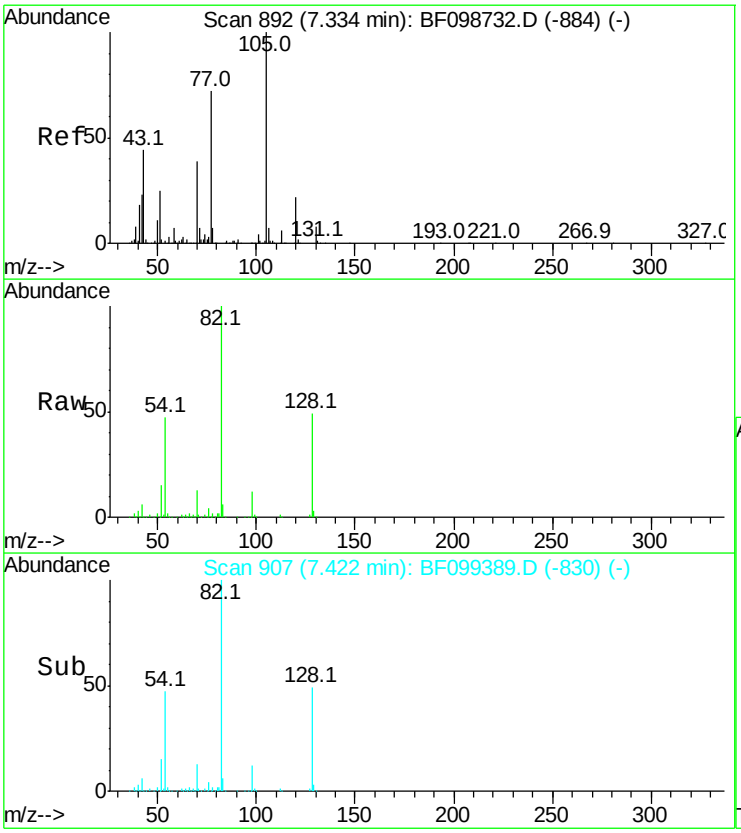
#10
Phenol
Concen: 3.683 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 44516

Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.9	47.9
66	37.8	16.2	56.2

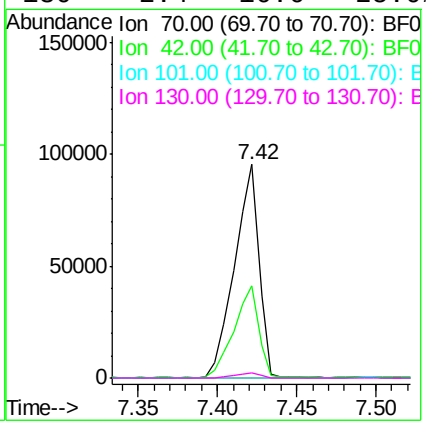


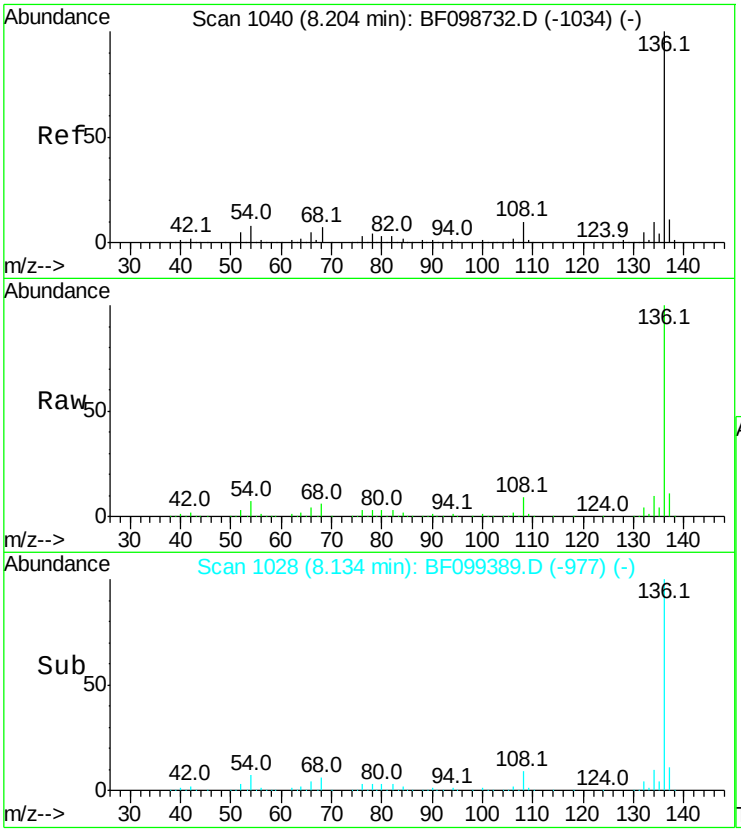


#19
n-Nitroso-di-n-propylamine
Concen: 14.784 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion: 70 Resp: 102017

Ion	Ratio	Lower	Upper
70	100		
42	43.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



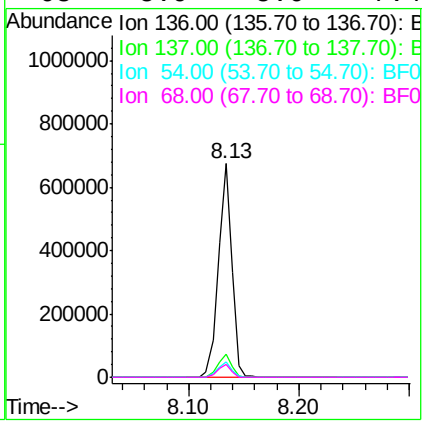


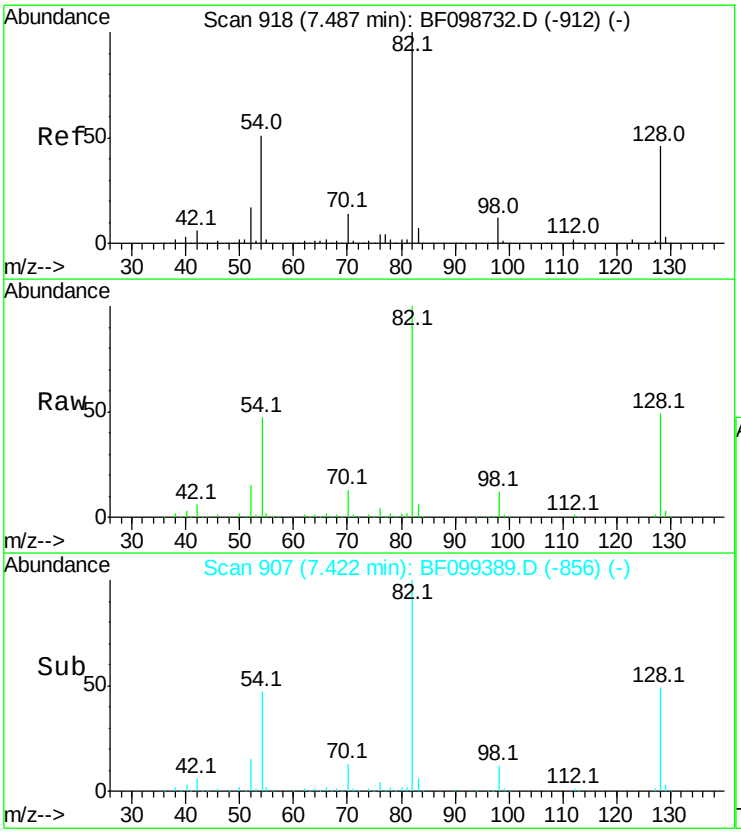
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 573654

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	5.9	5.0	7.4

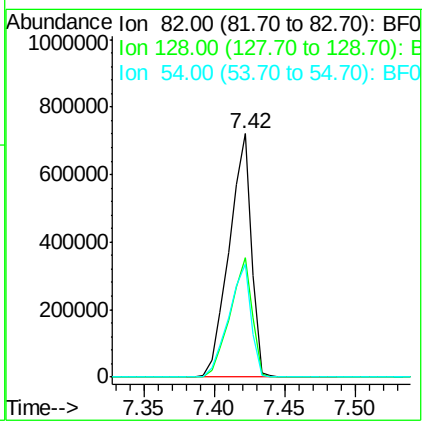


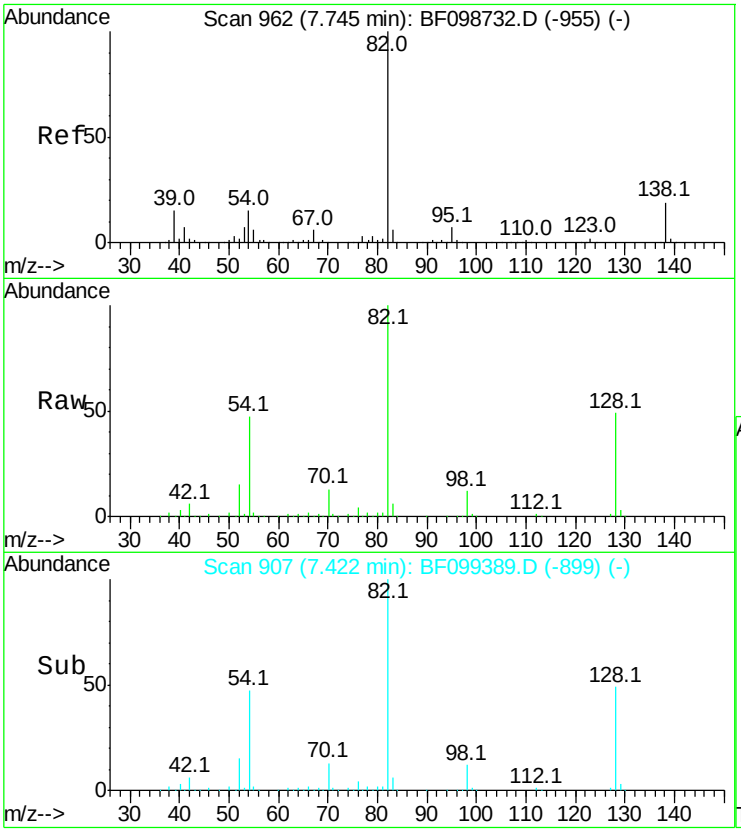


#23
Nitrobenzene-d5
Concen: 87.861 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion: 82 Resp: 785934

Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	46.7	41.4	62.2



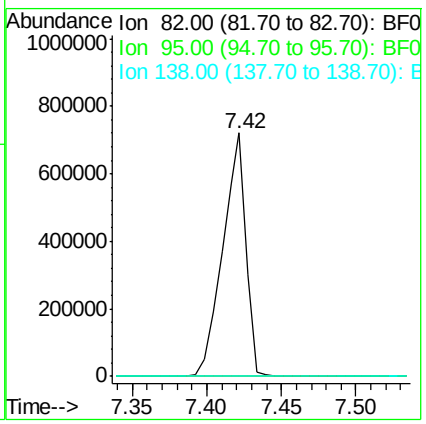


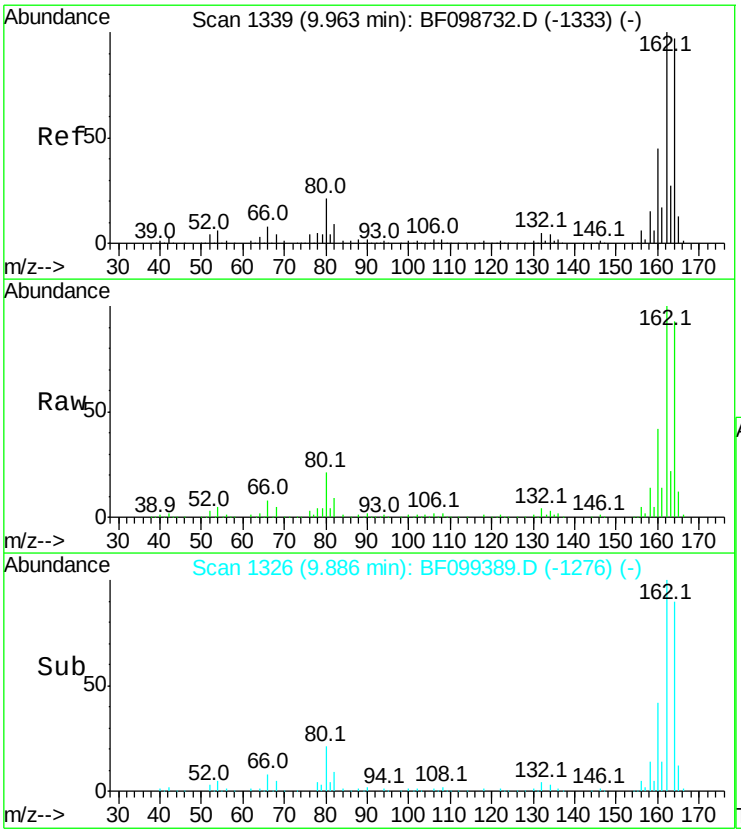
#25
Isophorone
Concen: 42.496 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 785920

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

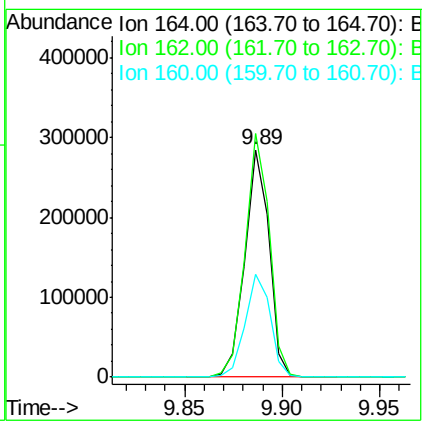


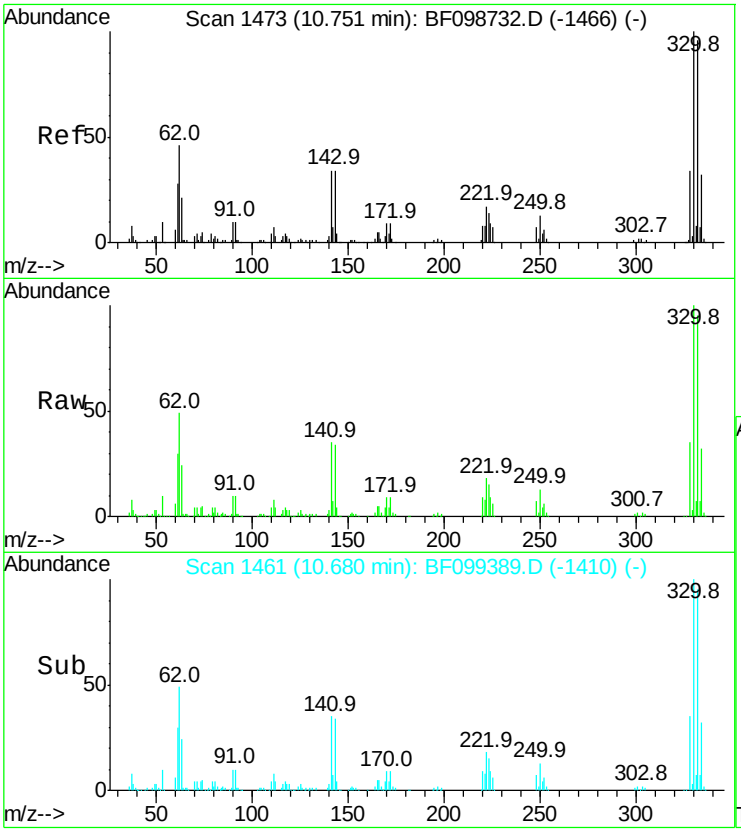


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion:164 Resp: 245112

Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.1	129.1
160	45.4	38.3	57.5



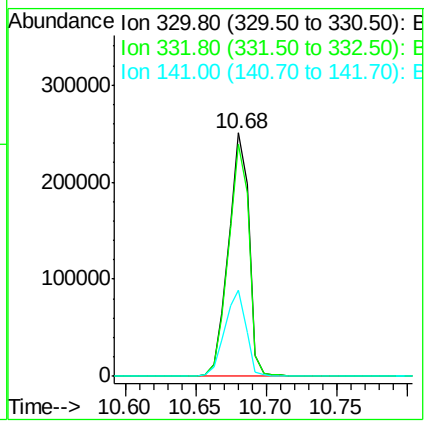


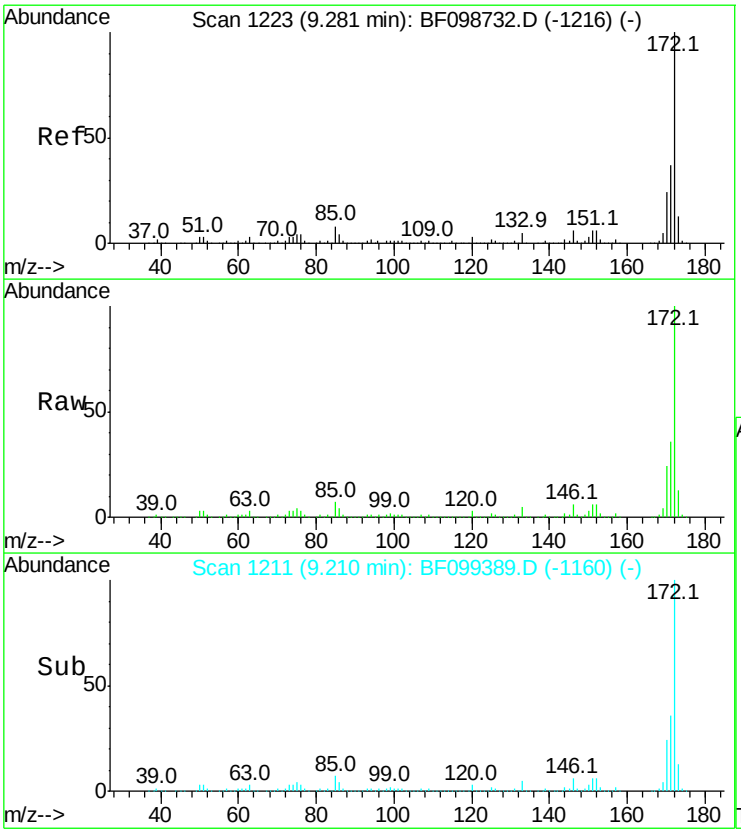
#41
2,4,6-Tribromophenol
Concen: 126.506 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 253731

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	36.4	29.9	44.9

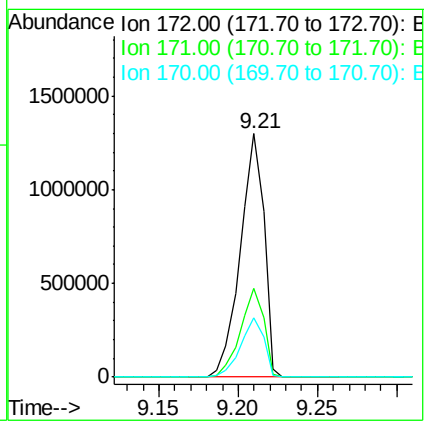


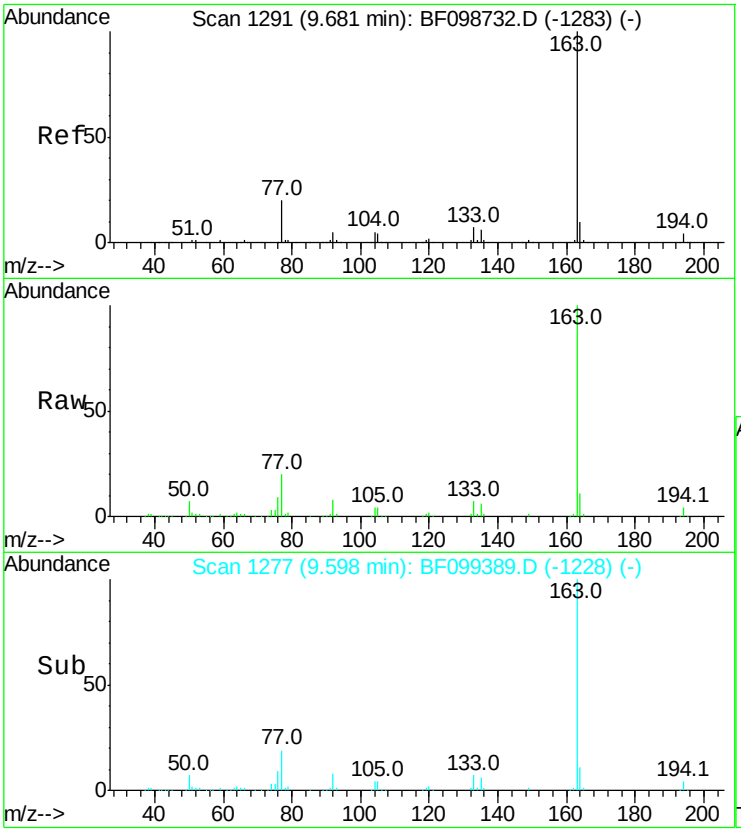


#44
2-Fluorobiphenyl
Concen: 91.545 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion:172 Resp: 1344102

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4



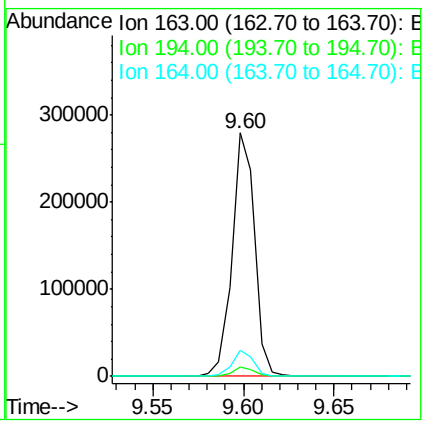


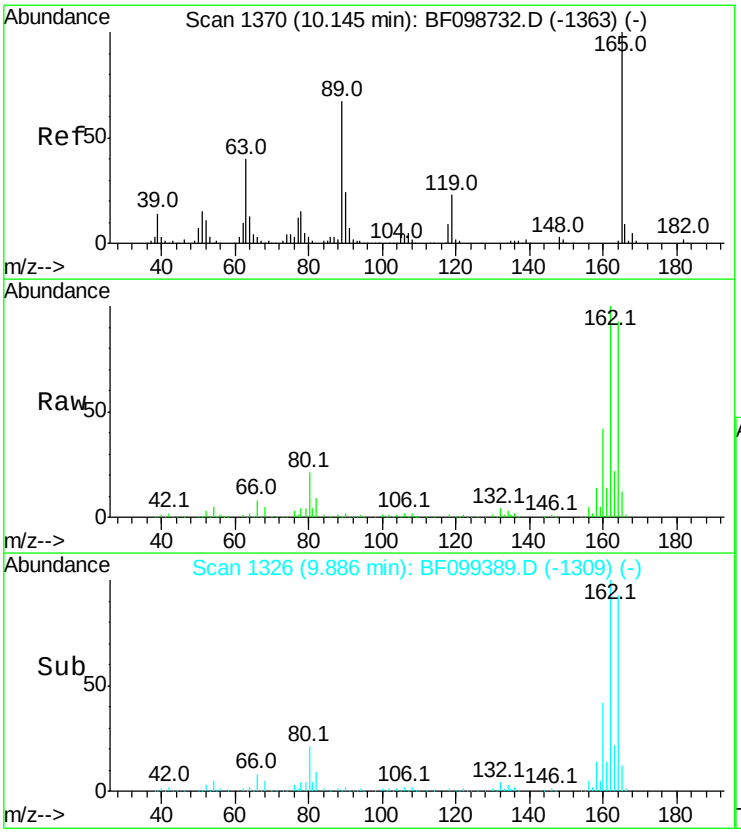
#49
Dimethylphthalate
Concen: 13.049 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 241402

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.6	8.2	12.2

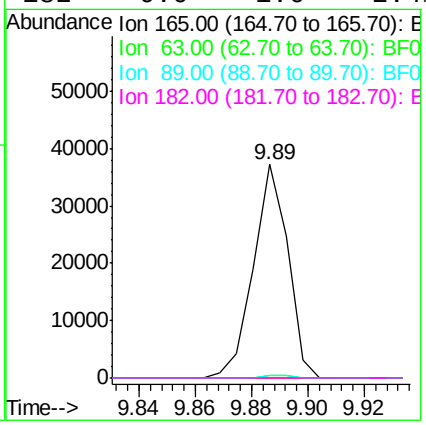


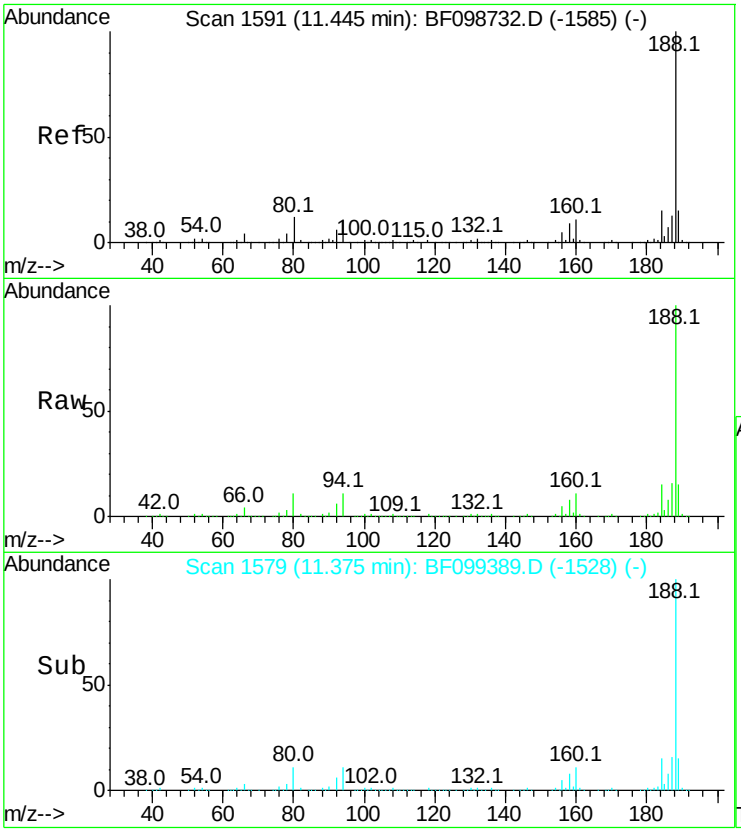


#56
2,4-Dinitrotoluene
Concen: 6.031 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion:165 Resp: 31523

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



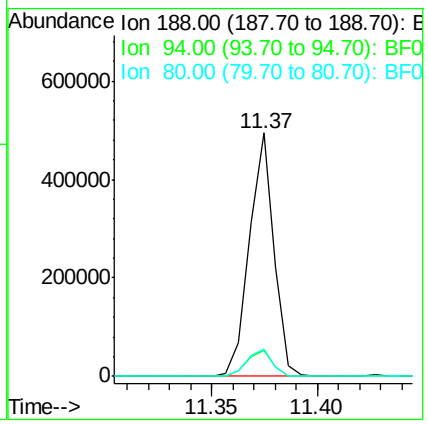


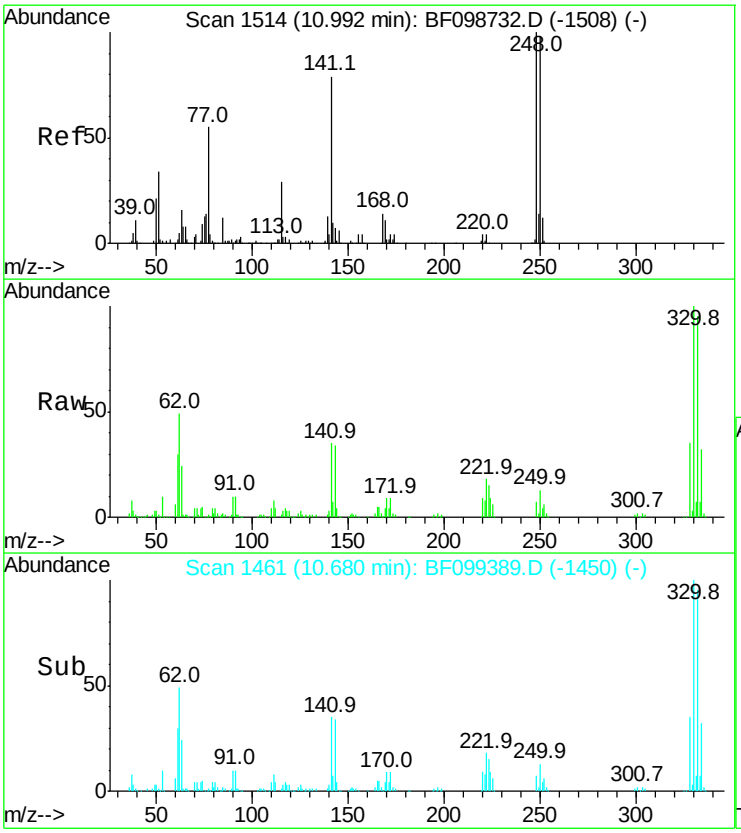
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 398939

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8

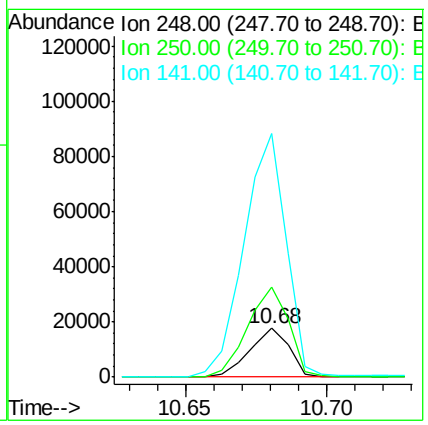


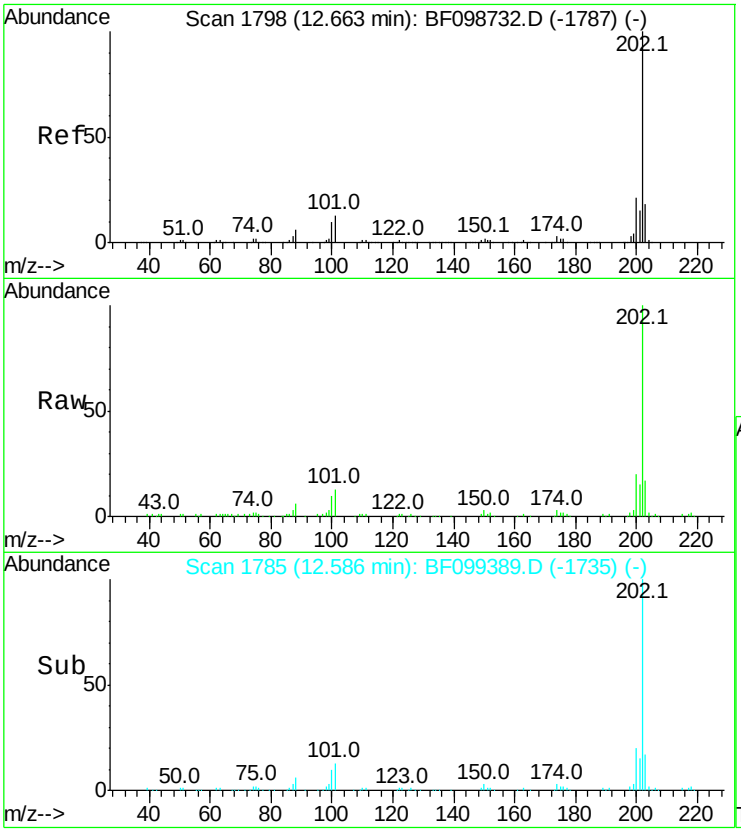


#66
4-Bromophenyl-phenylether
Concen: 4.422 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion:248 Resp: 17269

Ion	Ratio	Lower	Upper
248	100		
250	185.8	76.9	115.3#
141	499.5	74.4	111.6#



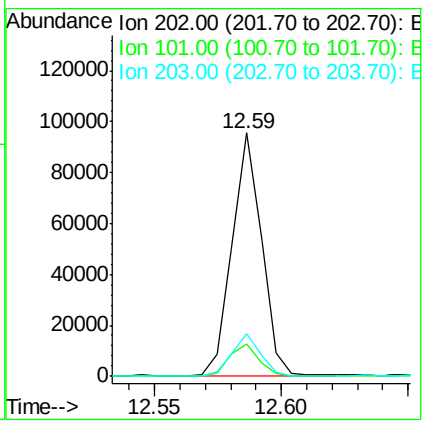


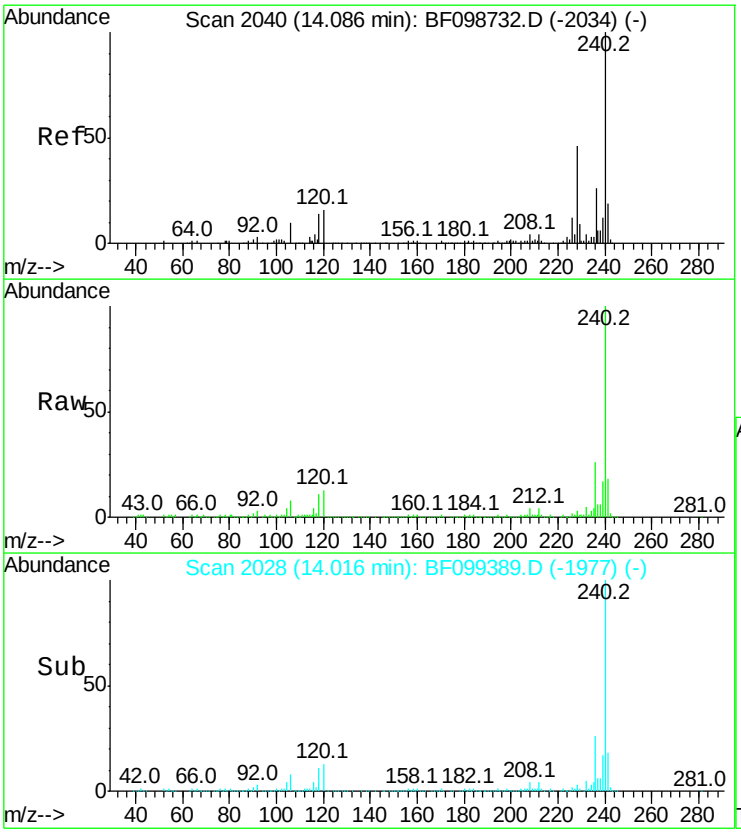
#74
Fluoranthene
Concen: 3.604 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 77931

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.1
203	17.4	0.0	38.1

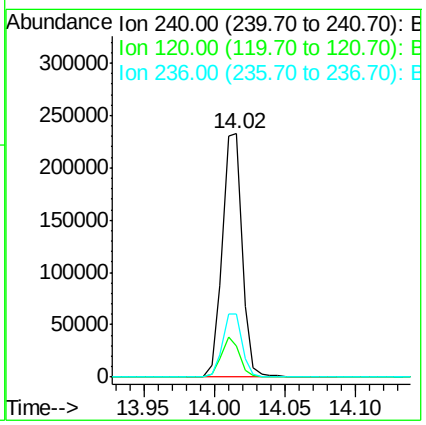


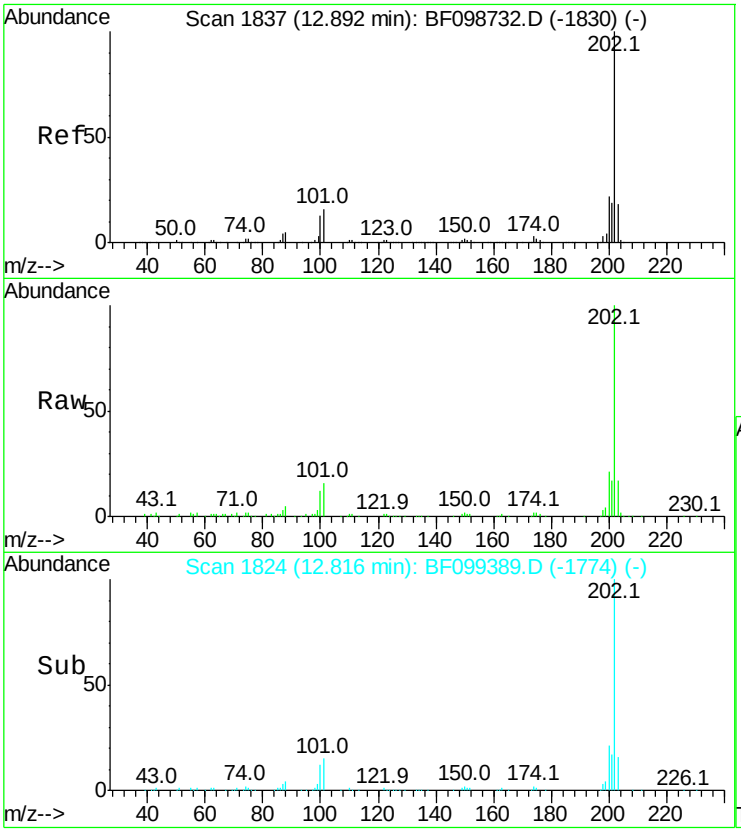


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion:240 Resp: 228759

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.8	20.7	31.1



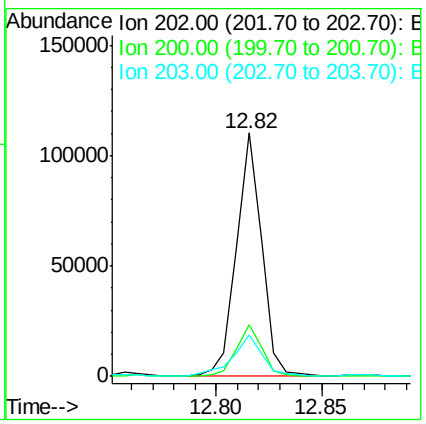


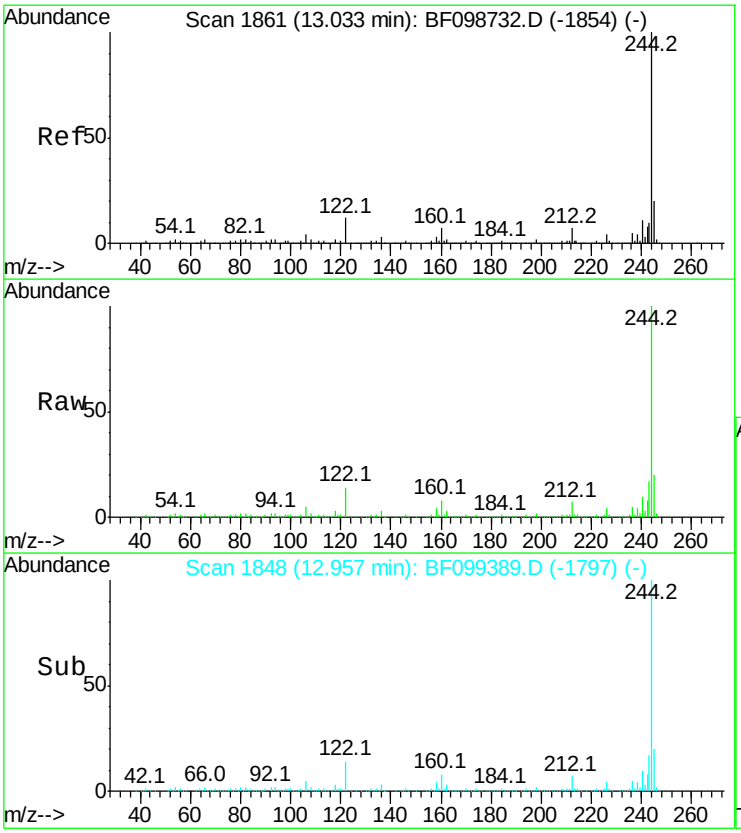
#77
Pyrene
Concen: 5.230 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 91230

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.0	14.3	21.5

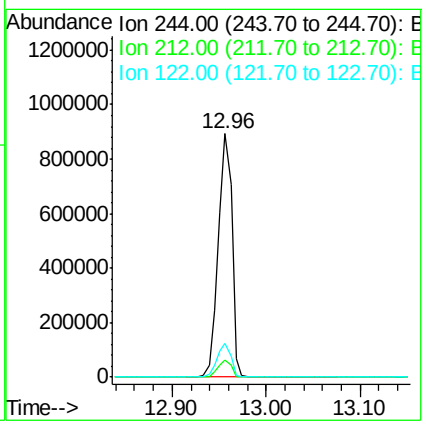


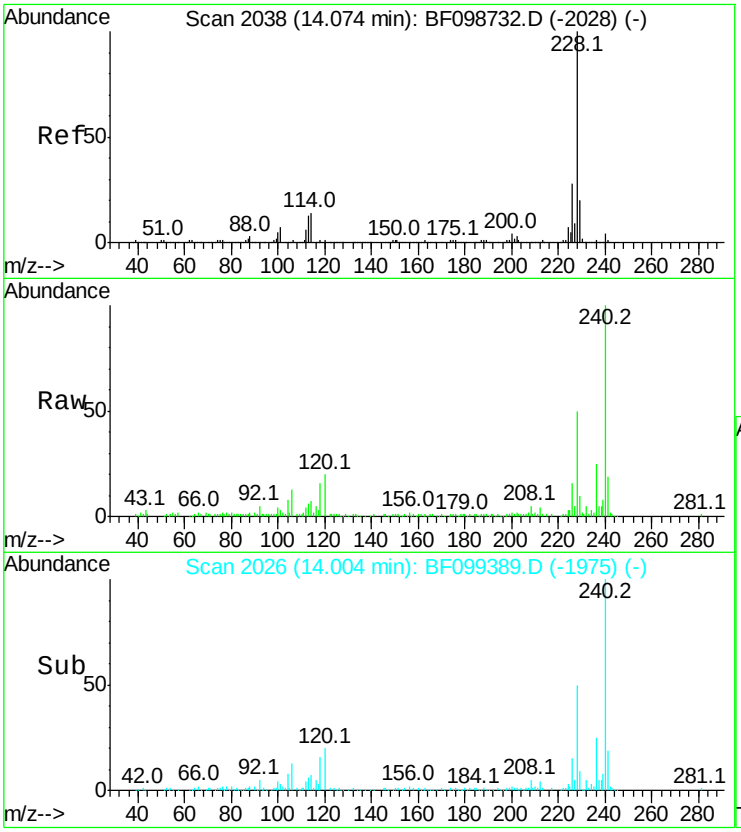


#78
Terphenyl-d14
Concen: 90.642 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion:244 Resp: 911755

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.7	11.0	16.4



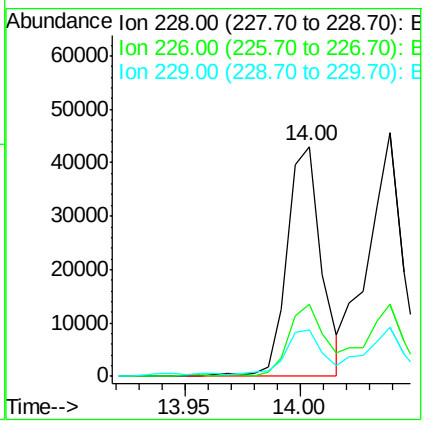


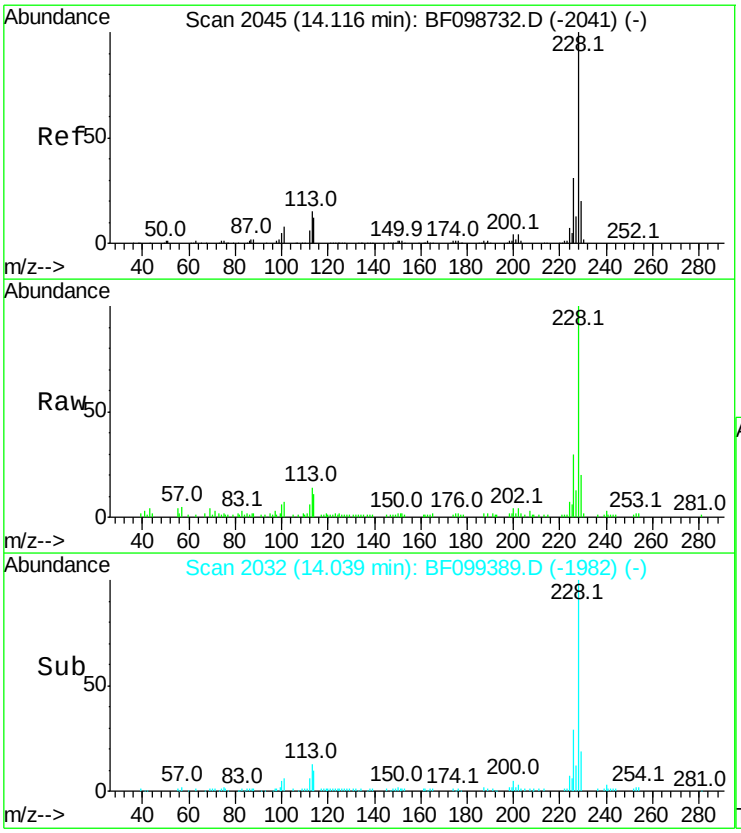
#80
Benzo(a)anthracene
Concen: 3.197 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 44284

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	20.4	15.8	23.6

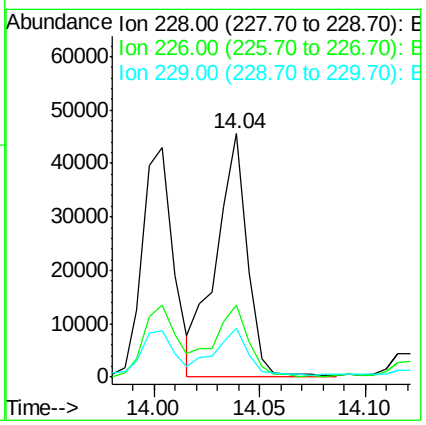


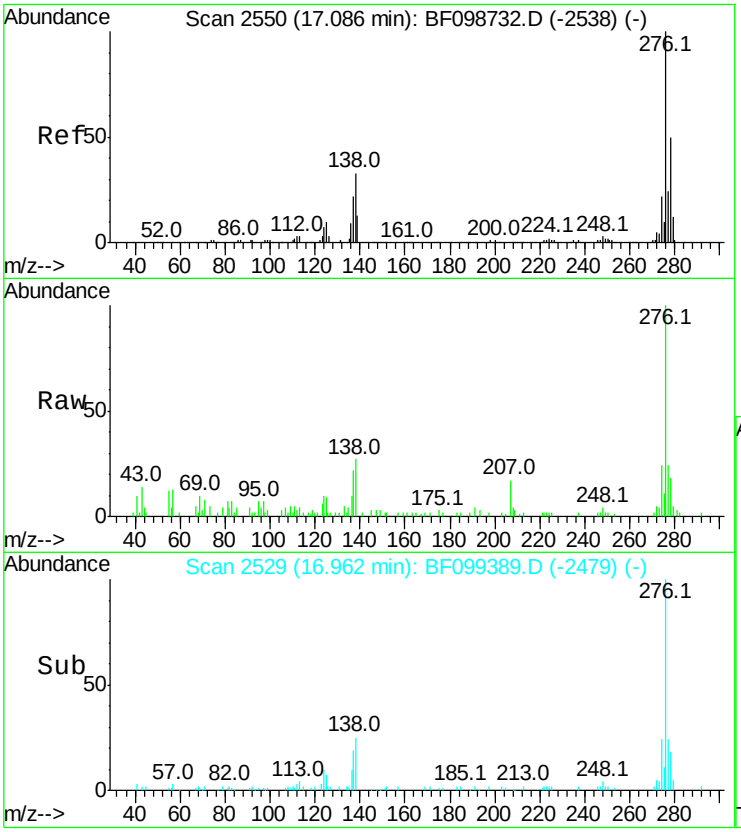


#82
Chrysene
Concen: 3.581 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion:228 Resp: 47222

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	20.3	16.2	24.4



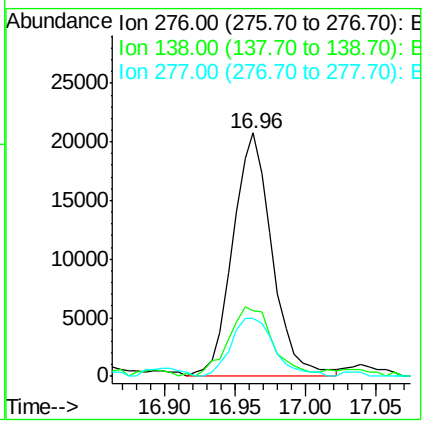


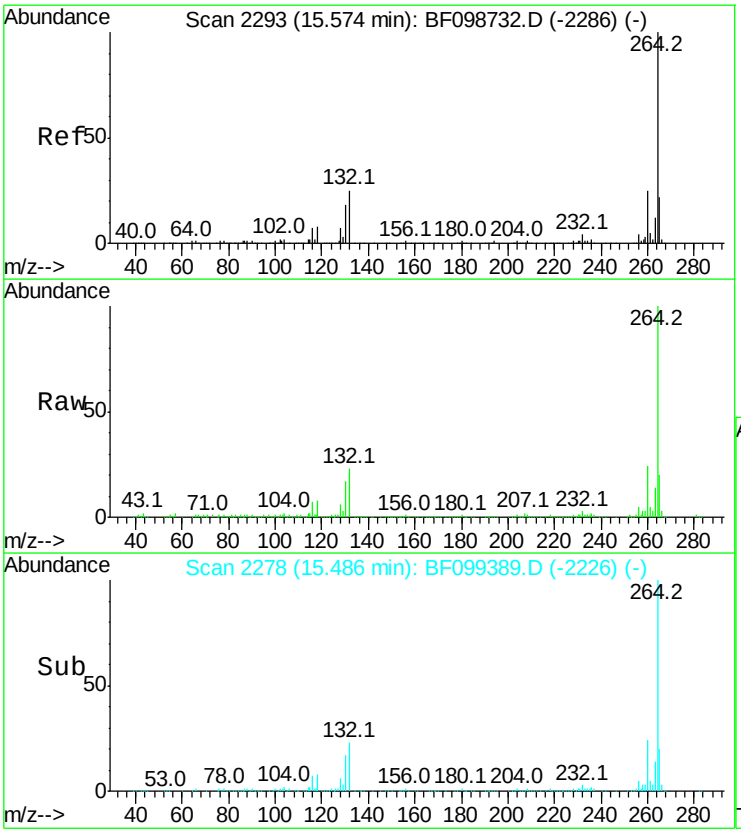
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.841 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 40520

Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.0	37.6
277	26.4	20.1	30.1

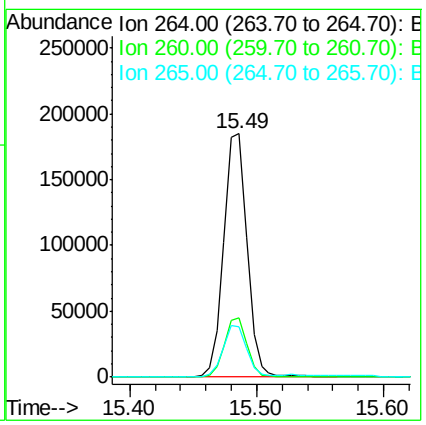


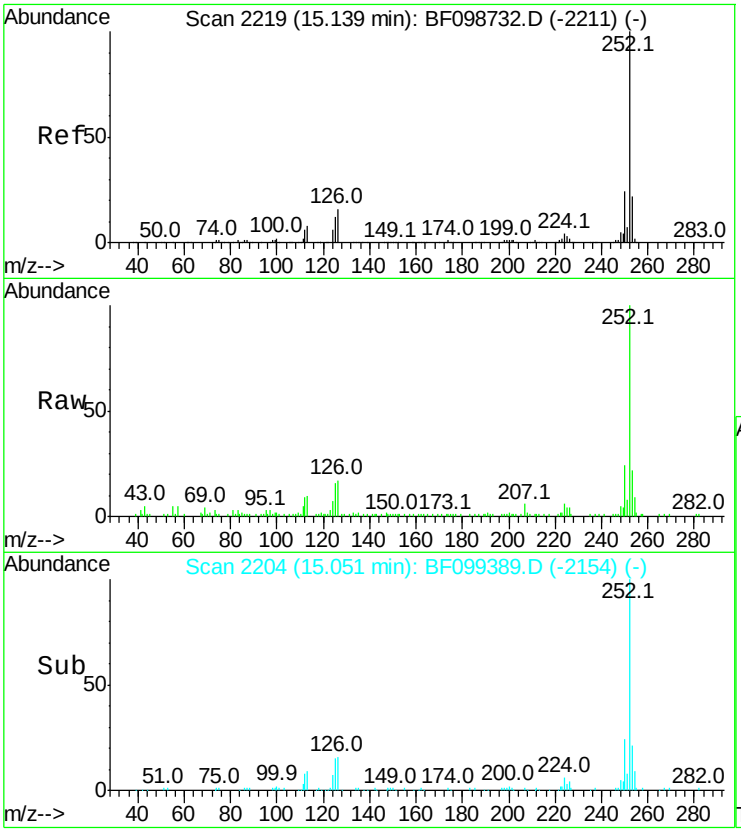


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion:264 Resp: 237464

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.5	17.5	26.3



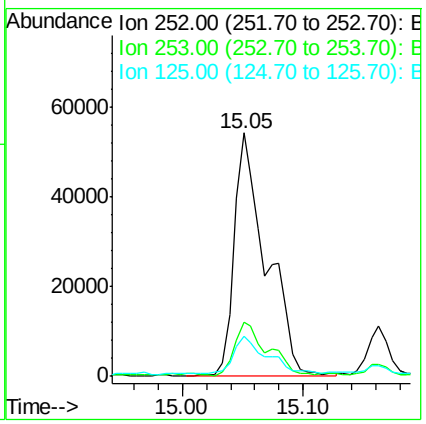


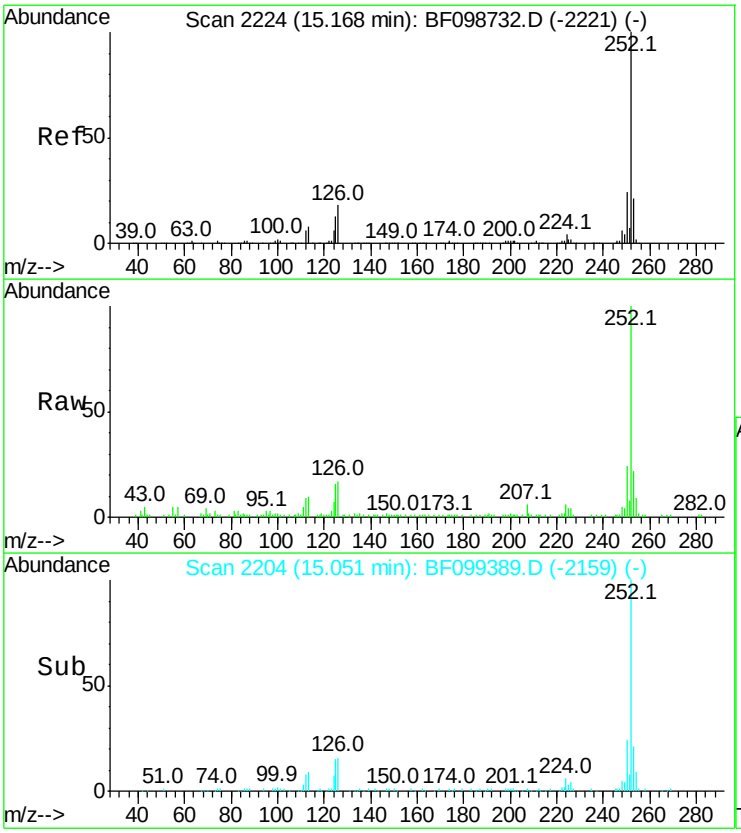
#87
Benzo(b)fluoranthene
Concen: 6.937 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 101287

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	16.2	9.0	13.6#

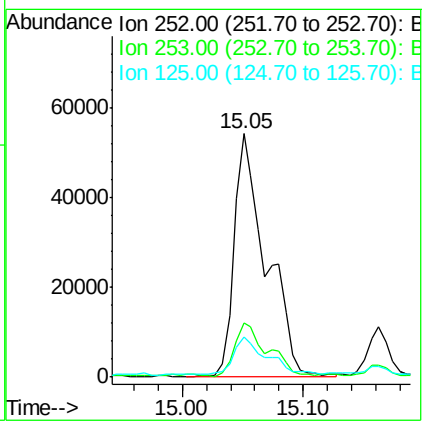


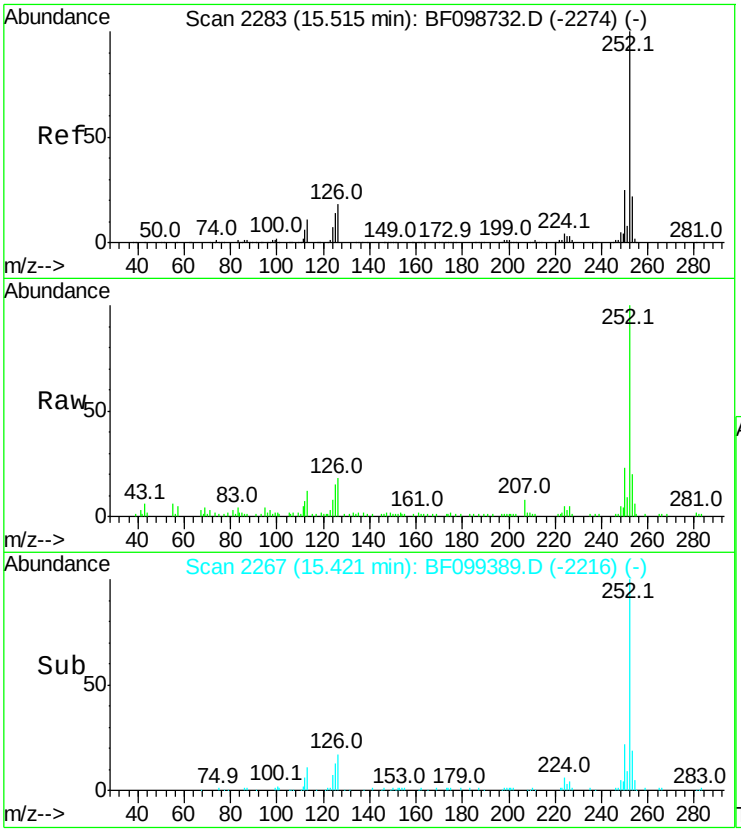


#88
Benzo(k)fluoranthene
Concen: 7.024 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion:252 Resp: 101287

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	16.2	10.2	15.2#



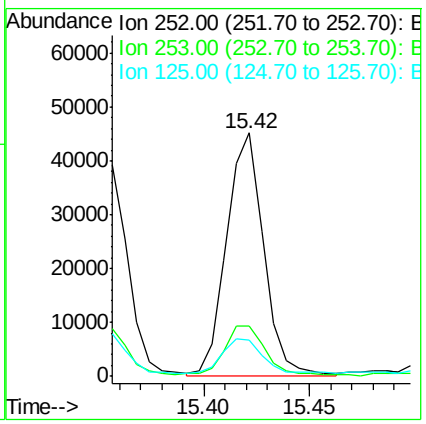


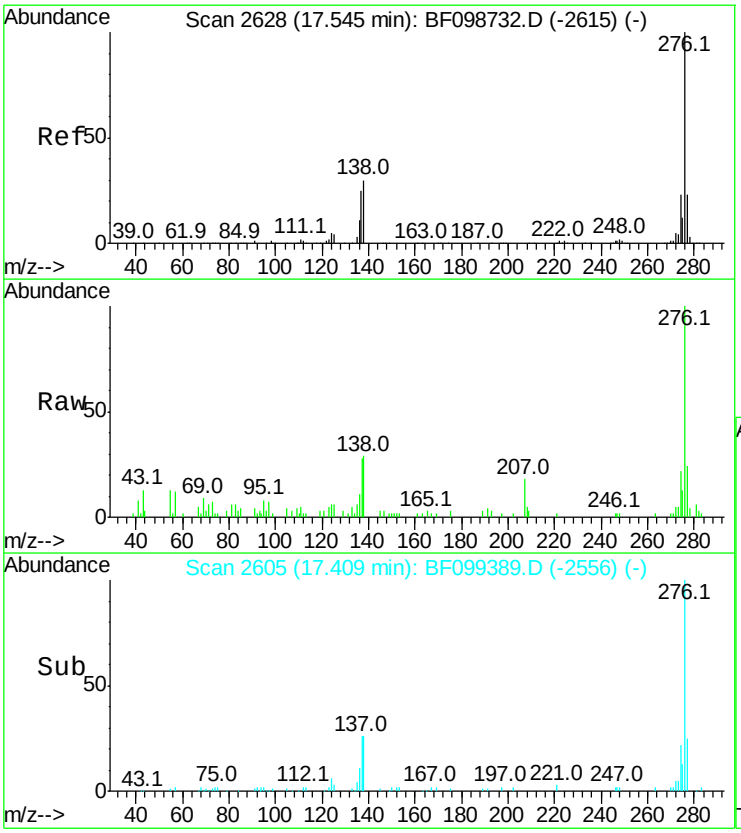
#89
Benzo(a)pyrene
Concen: 4.123 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 55254

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.1	25.7
125	14.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.822 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion:276 Resp: 40521

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	29.3	21.8	32.8