Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099310.D
Acq On : 10 Oct 2017 19:57
Operator : SJ/JU
Sample : I5691-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 11 00:51:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	99608	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	352603	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	122098	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	180191	20.00	ng		0.00
75) Chrysene-d12	14.03	240	189449	20.00	ng		0.00
86) Perylene-d12	15.50	264	165768	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	692946	110.74	ng		0.01
7) Phenol-d6	6.50	99	820485	106.30	ng		0.00
23) Nitrobenzene-d5	7.43	82	438537	79.76	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	103727	103.82	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	624029	85.32	ng		0.00
78) Terphenyl-d14	12.97	244	439354	52.74	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	14334	3.20	ng		86
18) Hexachloroethane	7.39	117	22862	8.42	ng	#	1
35) Caprolactam	8.60	113	6359	4.08	ng	#	1
49) Dimethylphthalate	9.62	163	99461	10.79	ng	#	74
52) 3-Nitroaniline	9.86	138	10829	4.63	ng	#	20
53) 2,4-Dinitrophenol	9.93	184	429	6.21	ng	#	1
55) 4-Nitrophenol	10.02	139	5134	2.60	ng	#	1
56) 2,4-Dinitrotoluene	10.11	165	6121	2.35	ng	#	54
57) Fluorene	10.46	166	23468	2.87	ng	#	79
65) n-Nitrosodiphenylamine	10.57	169	74430	11.92	ng	#	42
74) Fluoranthene	12.83	202	25123	2.57	ng		87

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

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
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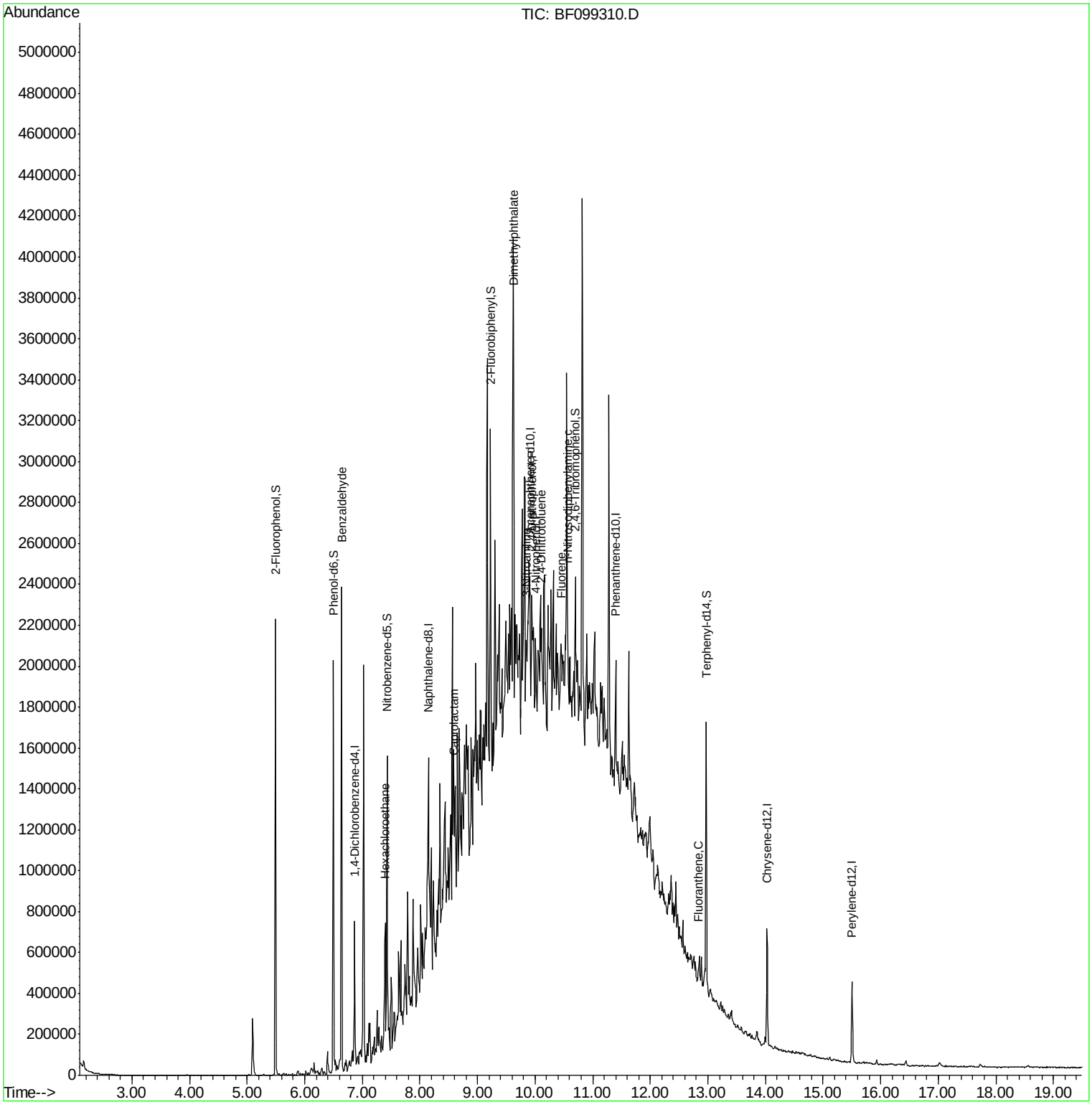
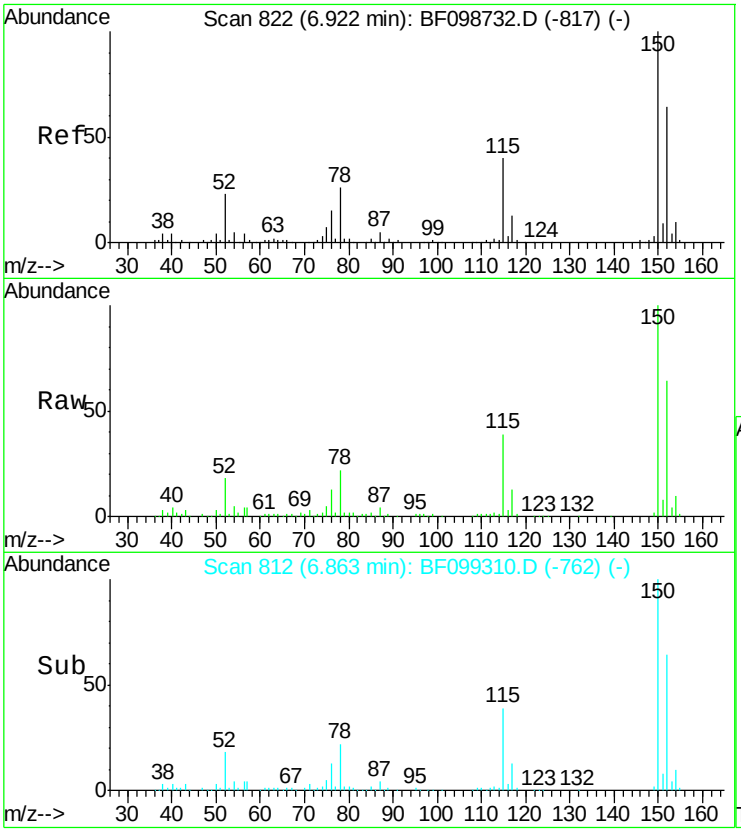


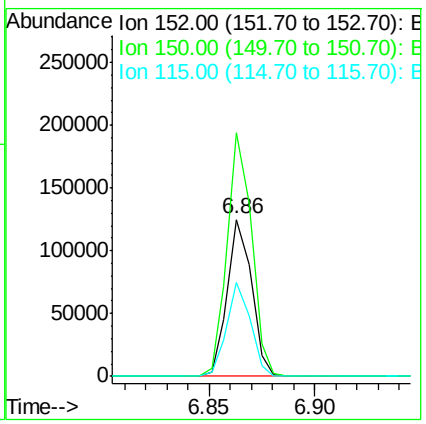


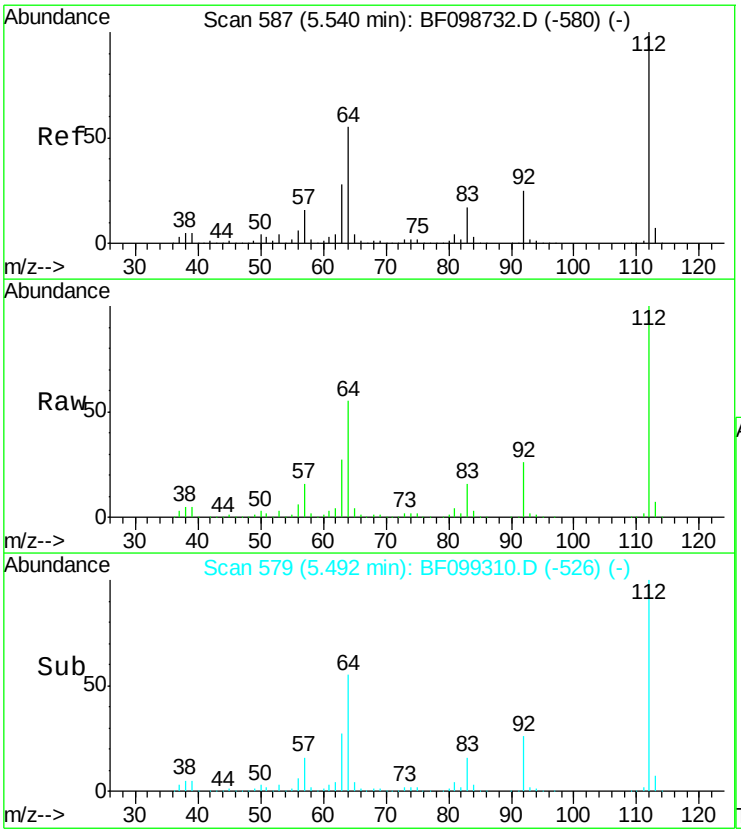
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 99608

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	60.2	50.1	75.1

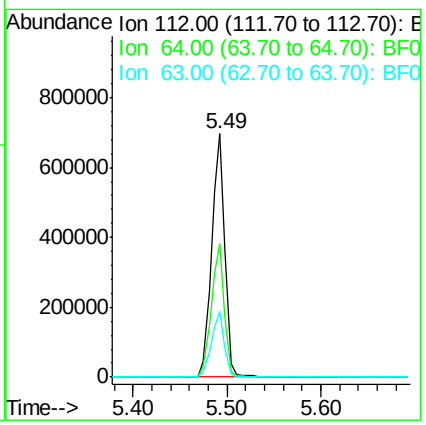


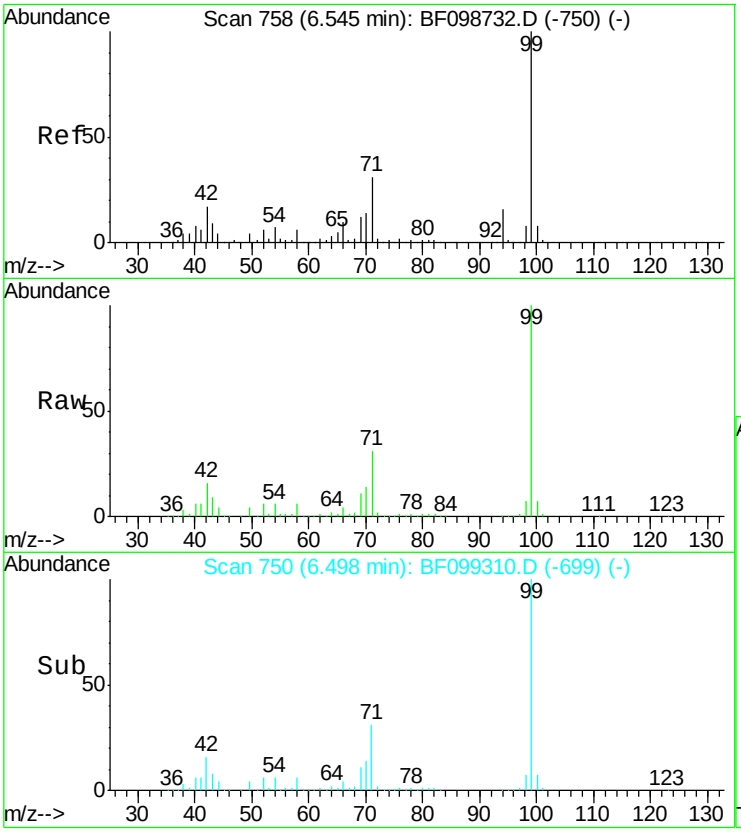


#5
2-Fluorophenol
Concen: 110.74 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Tgt Ion:112 Resp: 692946

Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.9	71.9
63	26.9	23.7	35.5



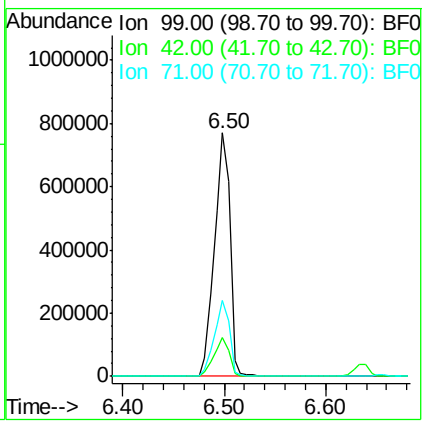


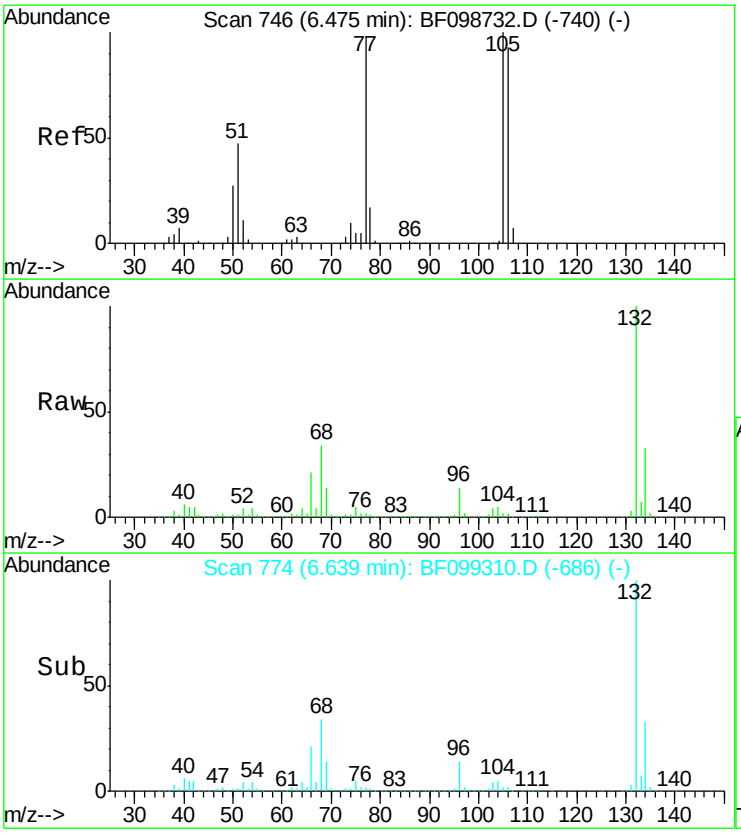
#7
Phenol-d6
Concen: 106.30 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 820485

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	31.2	25.4	38.0

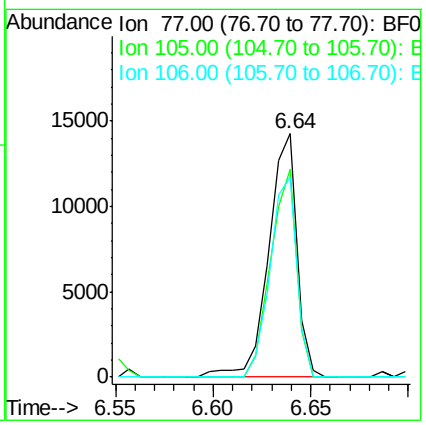


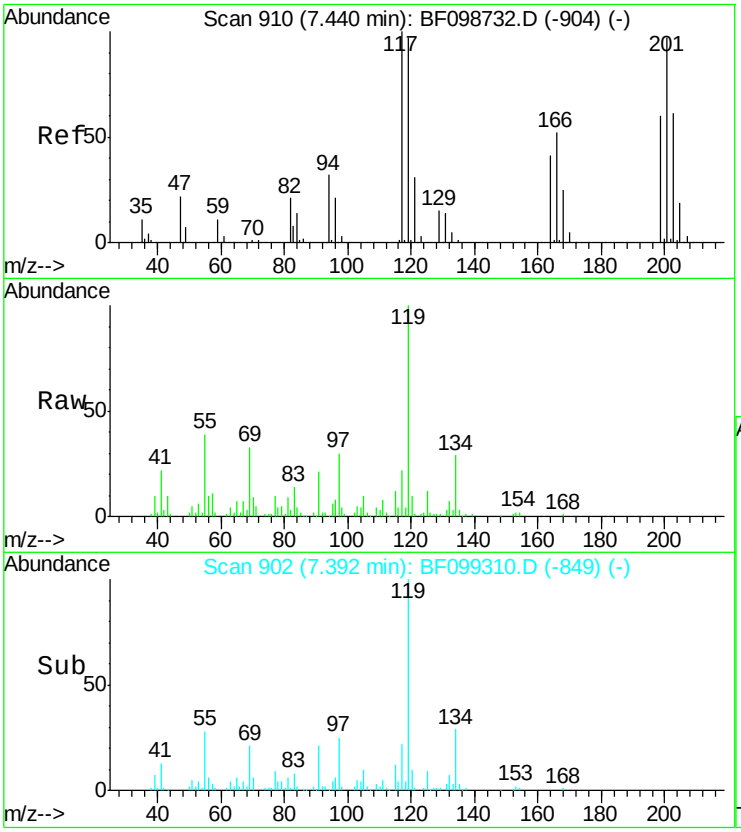


#9
Benzaldehyde
Concen: 3.20 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.22 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Tgt Ion: 77 Resp: 14334

Ion	Ratio	Lower	Upper
77	100		
105	85.1	81.1	121.1
106	82.1	74.5	114.5



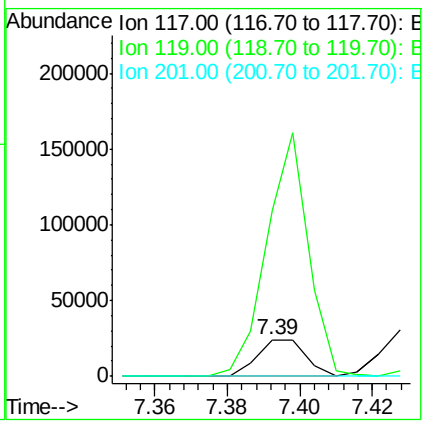


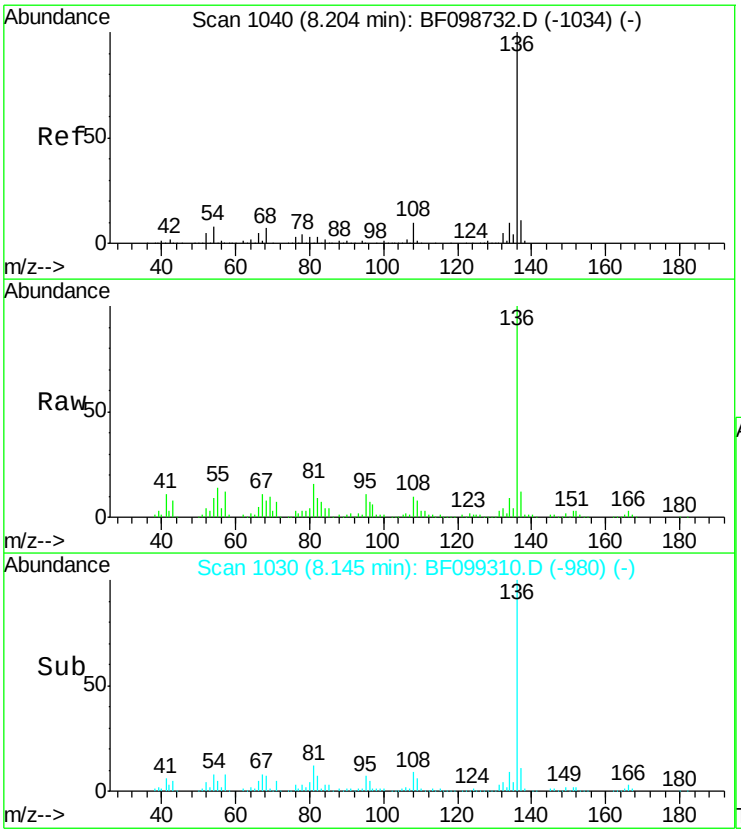
#18
Hexachloroethane
Concen: 8.42 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 22862

Ion	Ratio	Lower	Upper
117	100		
119	455.8	75.8	113.8#
201	0.0	75.7	113.5#

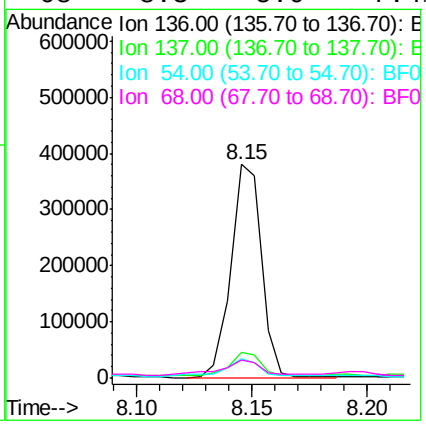


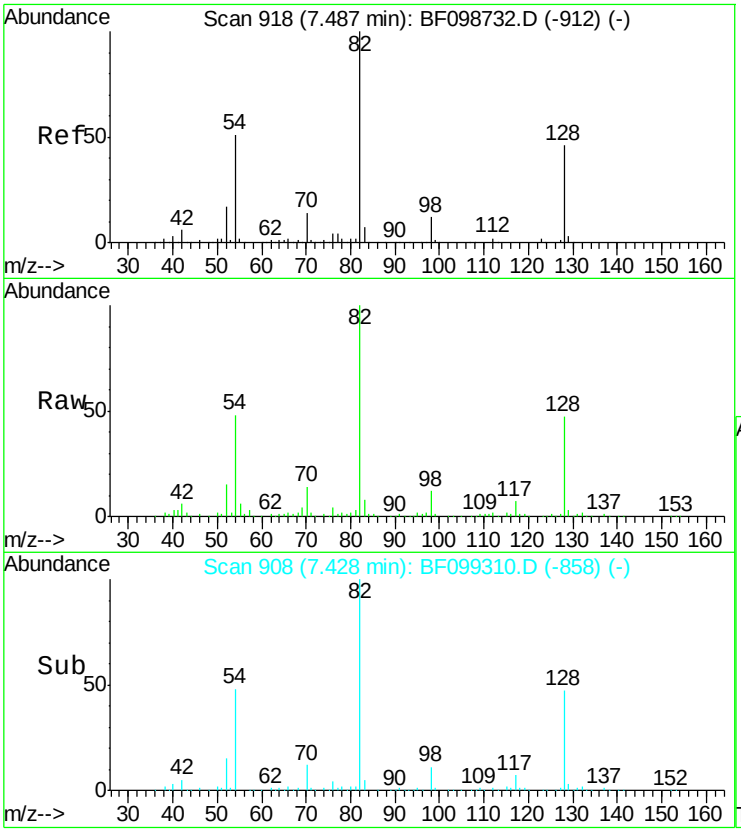


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Tgt Ion:136 Resp: 352603

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.9	13.3
54	8.7	6.6	9.8
68	8.3	5.0	7.4#



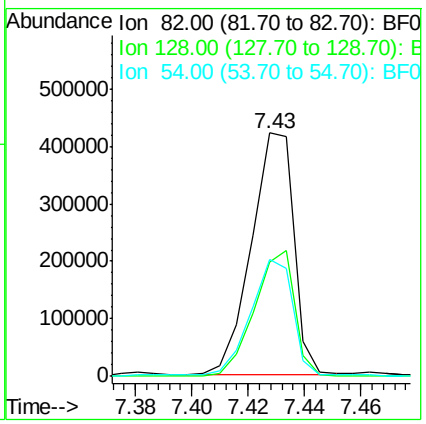


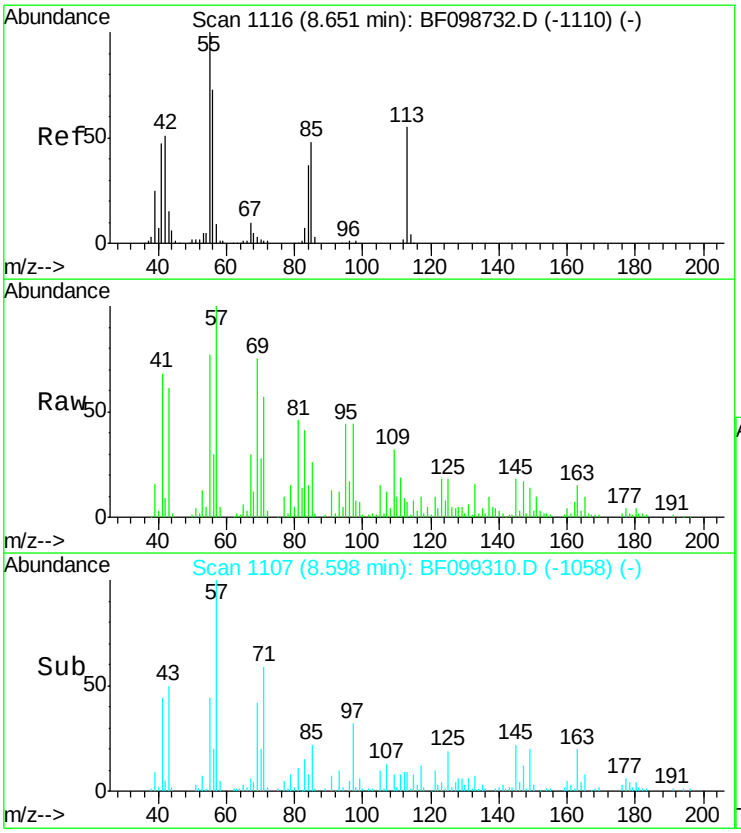
#23
Nitrobenzene-d5
Concen: 79.76 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 438537

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	47.8	41.4	62.2

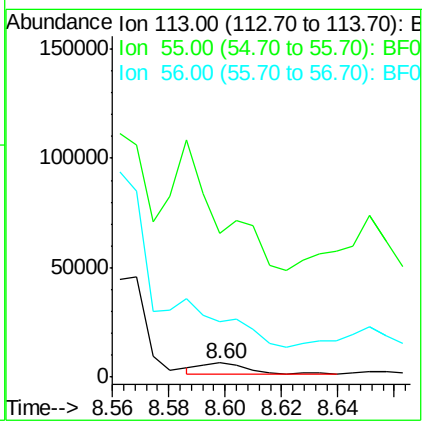


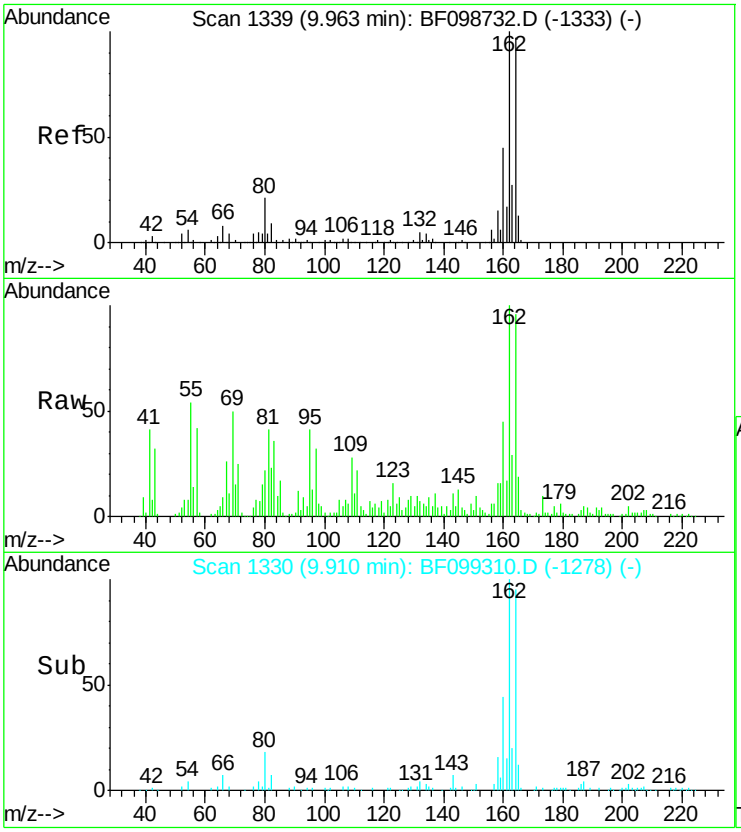


#35
Caprolactam
Concen: 4.08 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Tgt Ion:113 Resp: 6359

Ion	Ratio	Lower	Upper
113	100		
55	1032.9	163.3	203.3#
56	400.8	115.7	155.7#



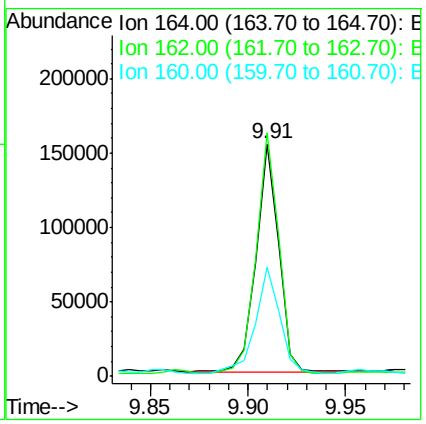


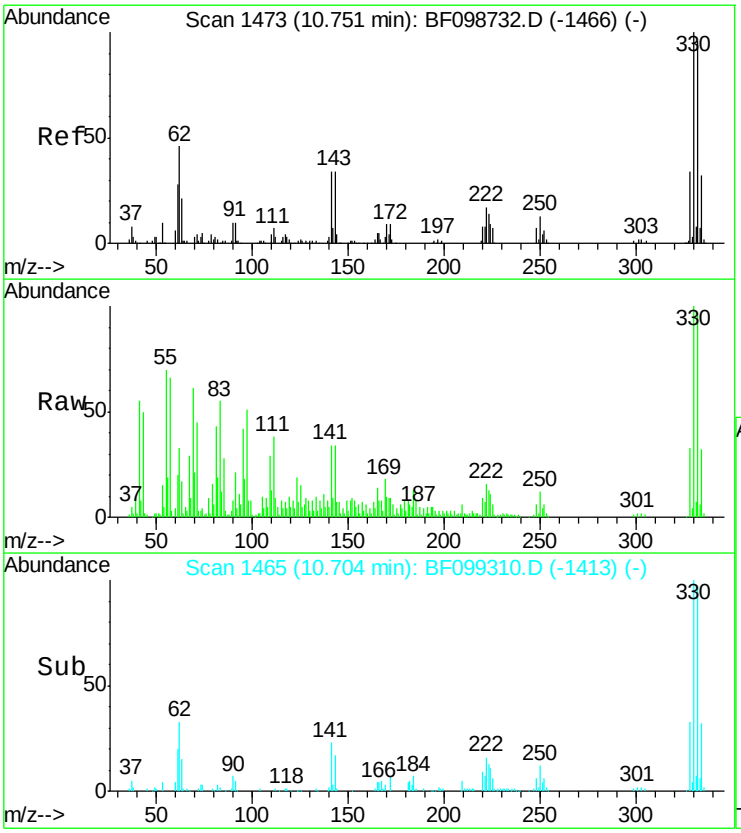
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 122098

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	46.7	38.3	57.5

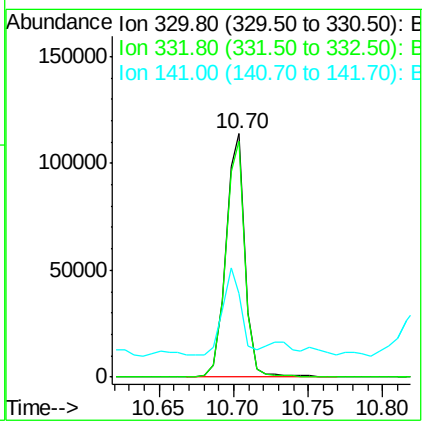


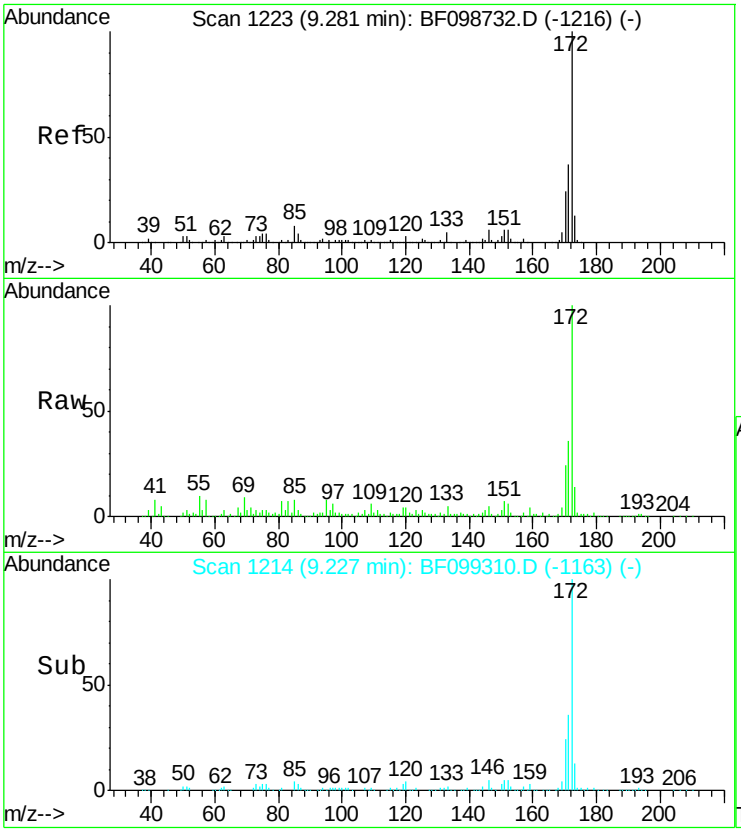


#41
2,4,6-Tribromophenol
Concen: 103.82 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Tgt Ion:330 Resp: 103727

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	34.5	29.9	44.9



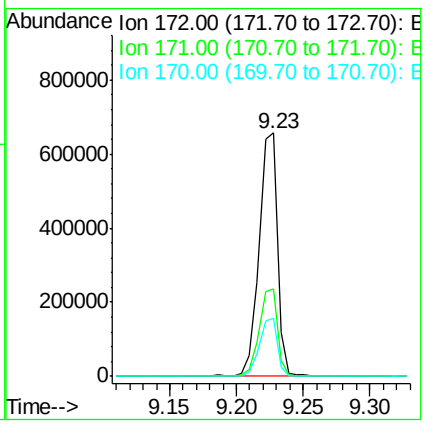


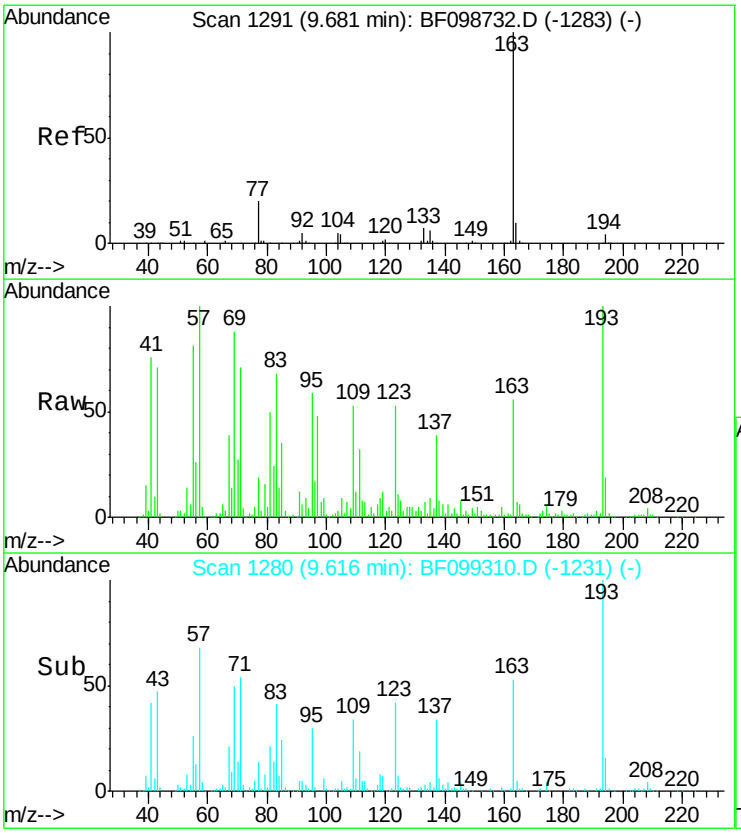
#44
2-Fluorobiphenyl
Concen: 85.32 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 624029

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.6	19.6	29.4

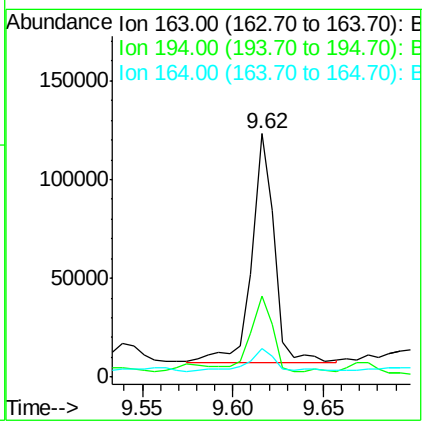


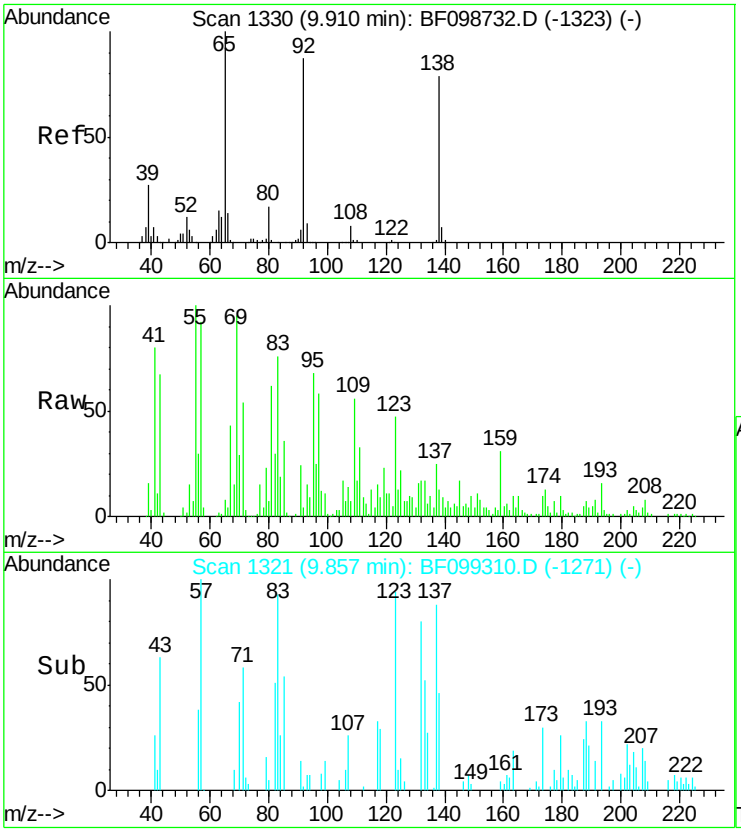


#49
Dimethylphthalate
Concen: 10.79 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Tgt Ion:163 Resp: 99461

Ion	Ratio	Lower	Upper
163	100		
194	33.5	2.7	4.1#
164	11.7	8.2	12.2



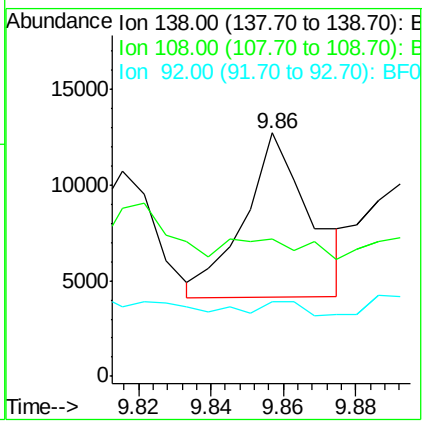


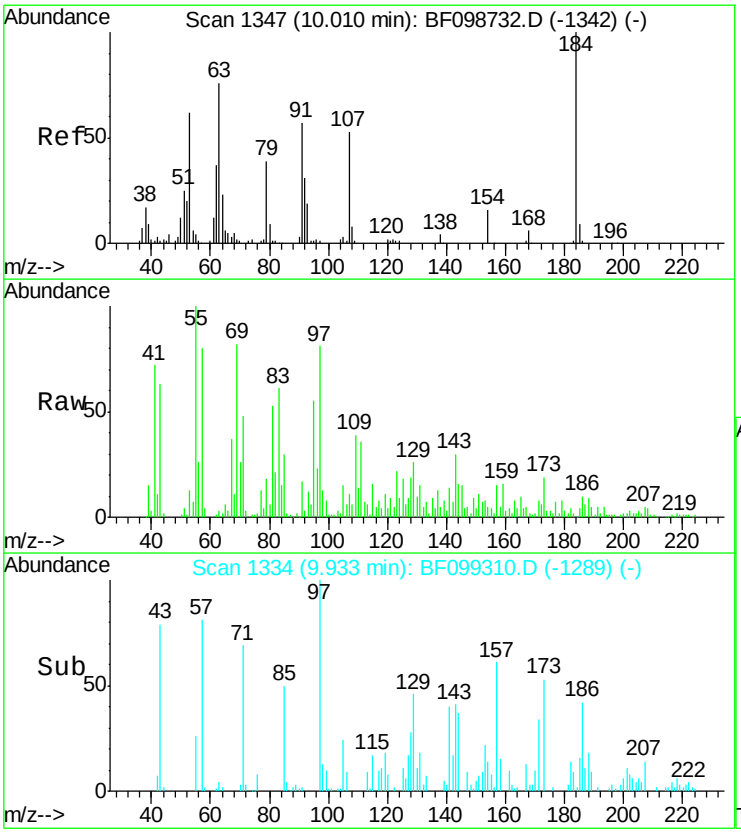
#52
3-Nitroaniline
Concen: 4.63 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 10829

Ion	Ratio	Lower	Upper
138	100		
108	56.2	9.4	14.0#
92	30.5	89.4	134.2#

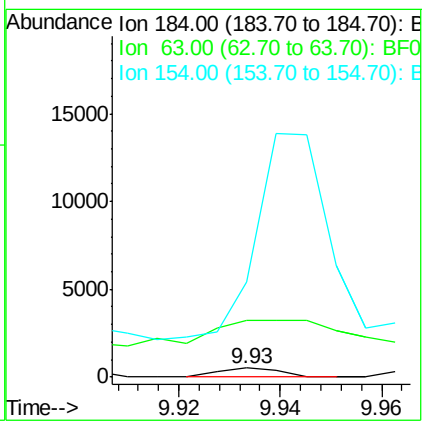


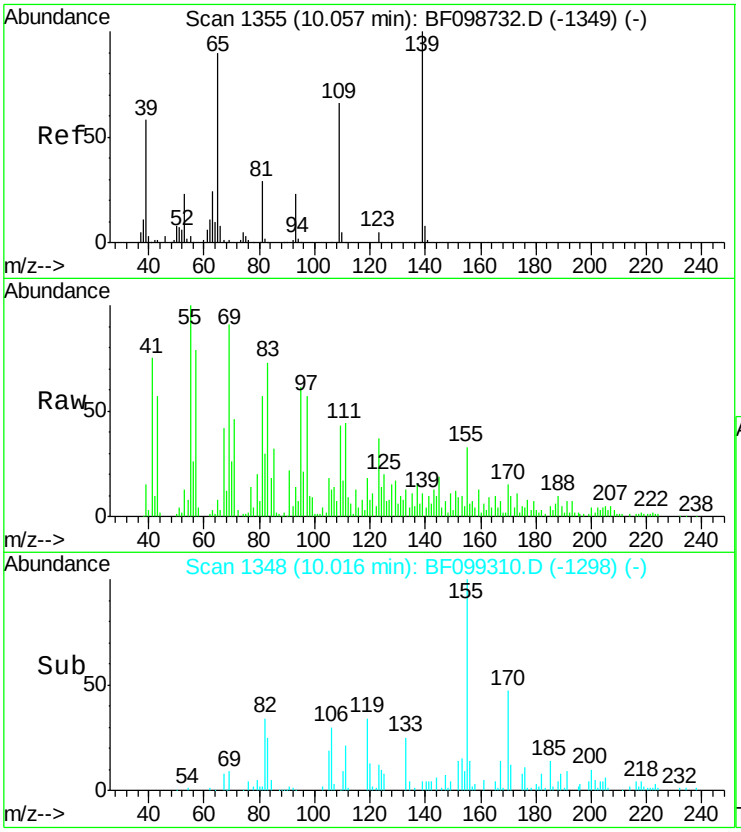


#53
2,4-Dinitrophenol
Concen: 6.21 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.04 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Tgt Ion:184 Resp: 429

Ion	Ratio	Lower	Upper
184	100		
63	643.0	54.2	81.2#
154	1068.8	53.5	80.3#



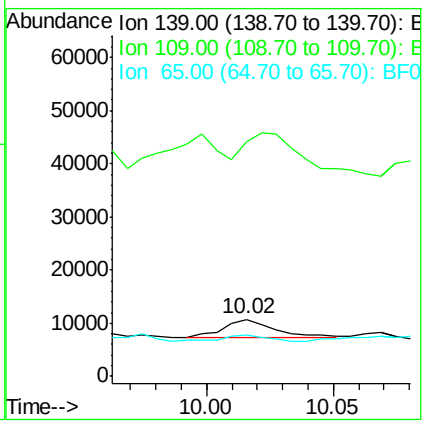


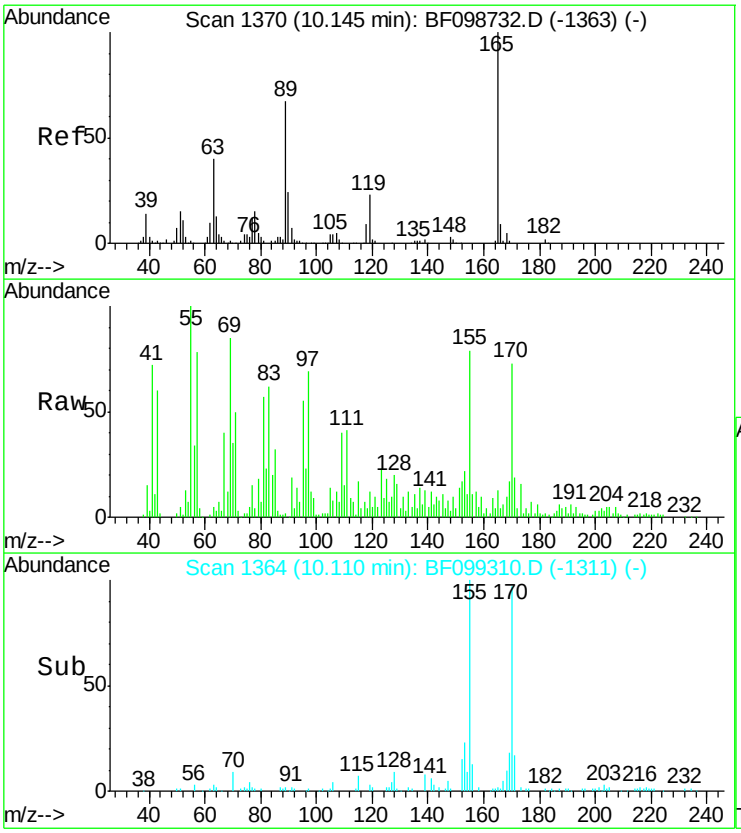
#55
4-Nitrophenol
Concen: 2.60 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 5134

Ion	Ratio	Lower	Upper
139	100		
109	411.1	48.4	88.4#
65	73.7	72.6	112.6

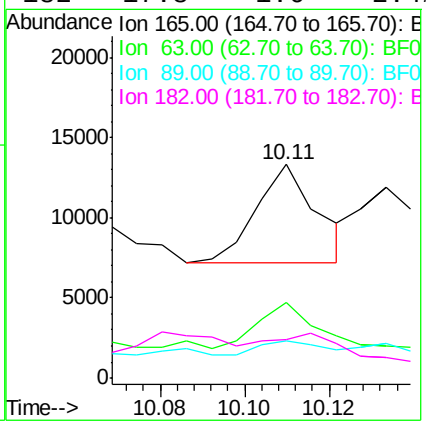


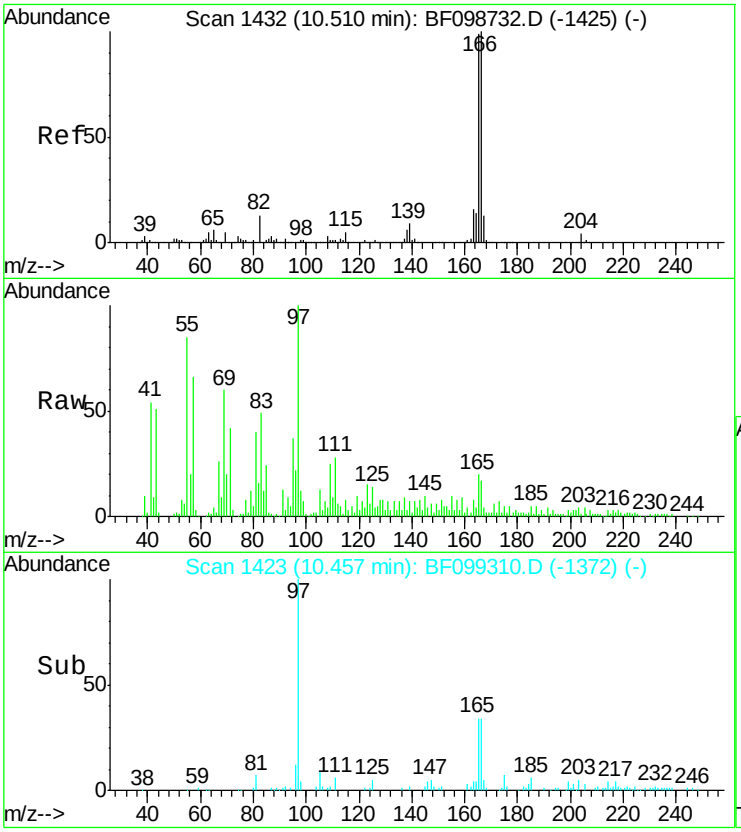


#56
2,4-Dinitrotoluene
Concen: 2.35 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Tgt Ion:165 Resp: 6121

Ion	Ratio	Lower	Upper
165	100		
63	35.4	36.4	54.6#
89	17.5	57.8	86.6#
182	17.8	1.6	2.4#



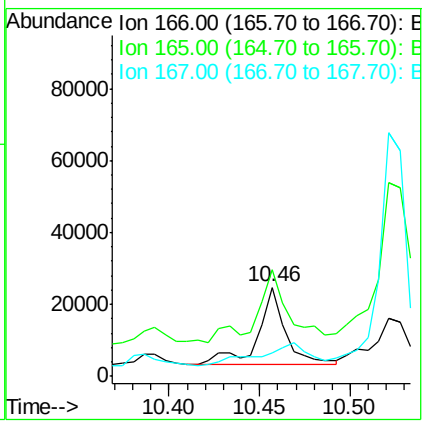


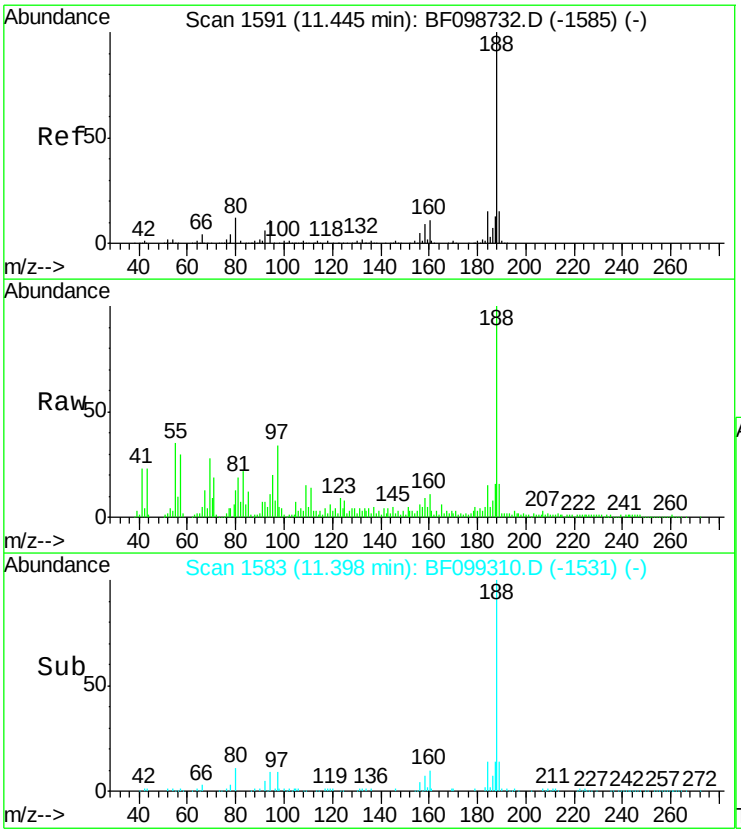
#57
Fluorene
Concen: 2.87 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 23468

Ion	Ratio	Lower	Upper
166	100		
165	119.6	79.8	119.8
167	25.8	10.6	16.0#

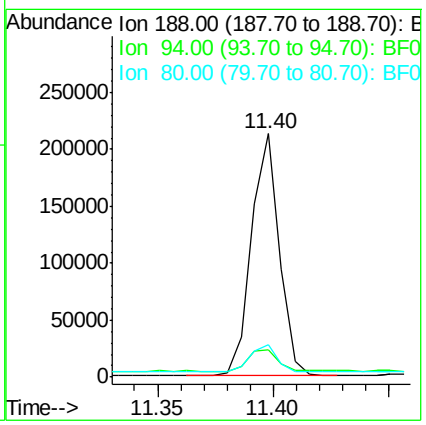


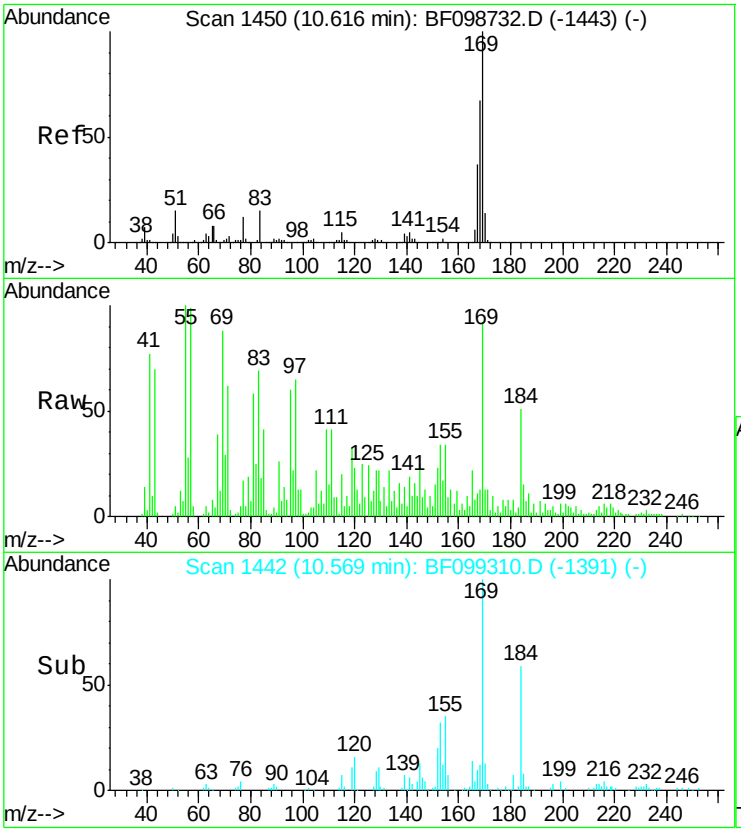


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Tgt Ion:188 Resp: 180191

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	13.3	9.2	13.8



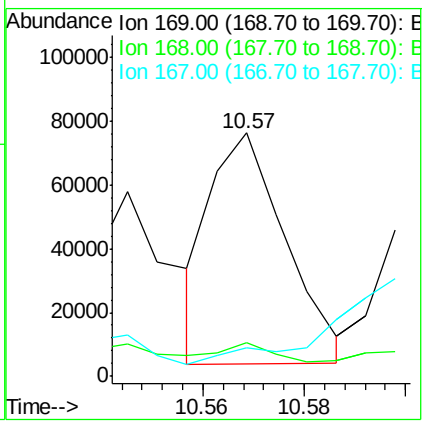


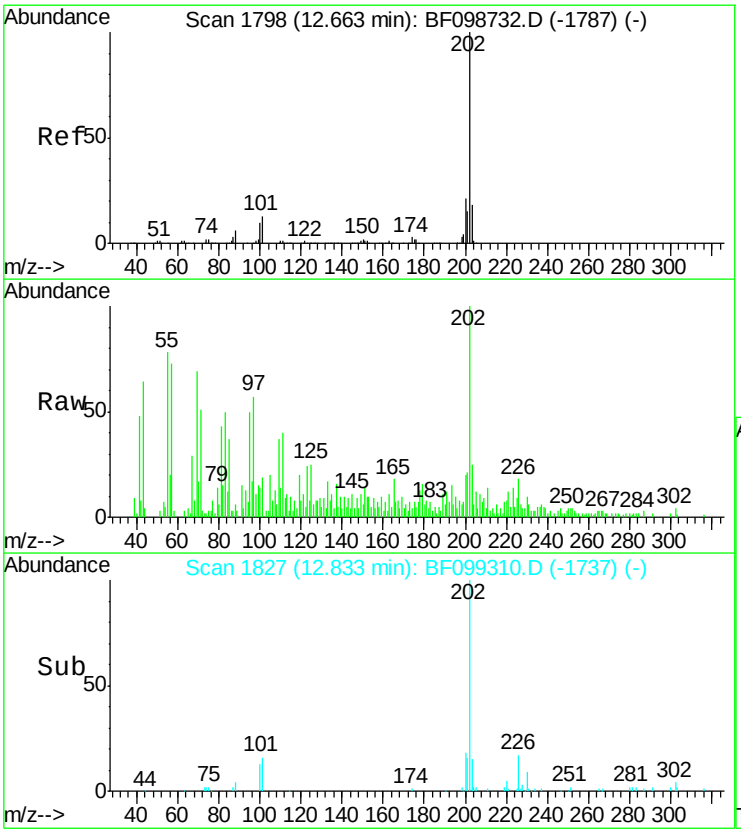
#65
n-Nitrosodiphenylamine
Concen: 11.92 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 74430

Ion	Ratio	Lower	Upper
169	100		
168	13.7	54.4	81.6#
167	12.0	29.8	44.6#

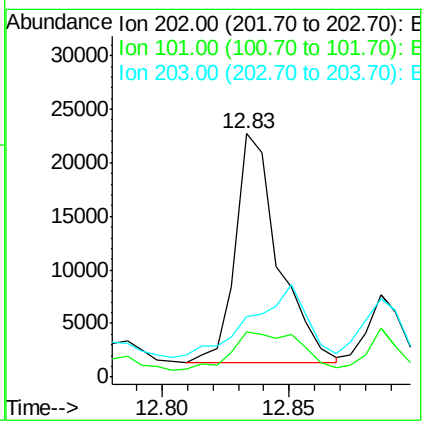


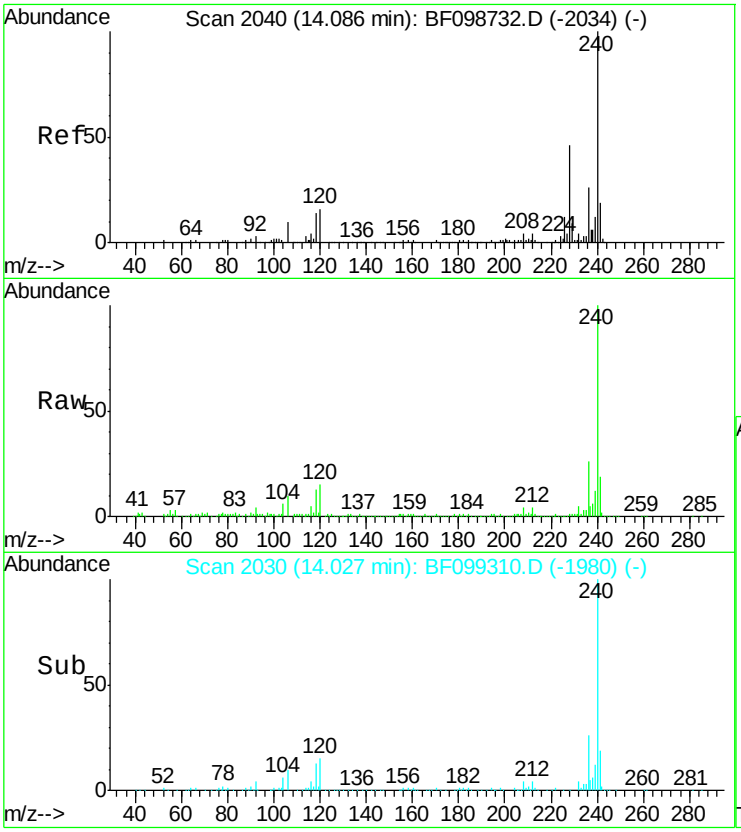


#74
Fluoranthene
Concen: 2.57 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.23 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Tgt Ion:202 Resp: 25123

Ion	Ratio	Lower	Upper
202	100		
101	18.5	0.0	34.1
203	24.8	0.0	38.1



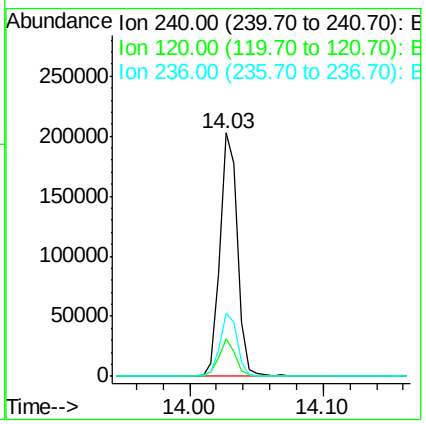


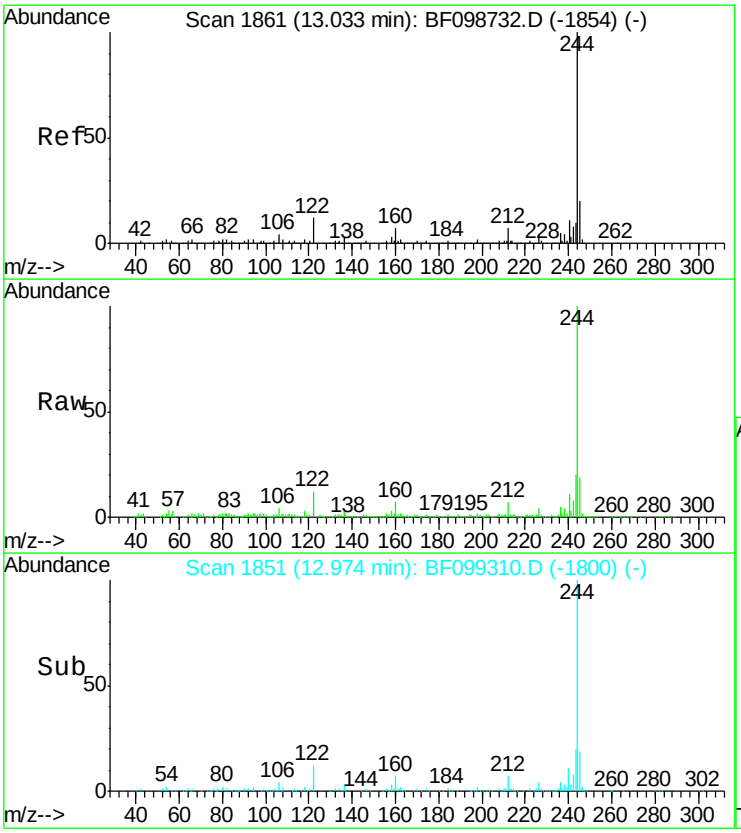
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 189449

Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	26.0	20.7	31.1

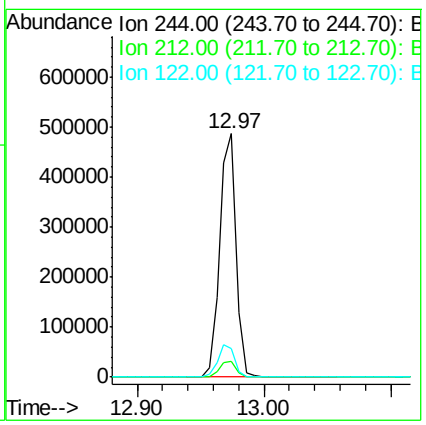


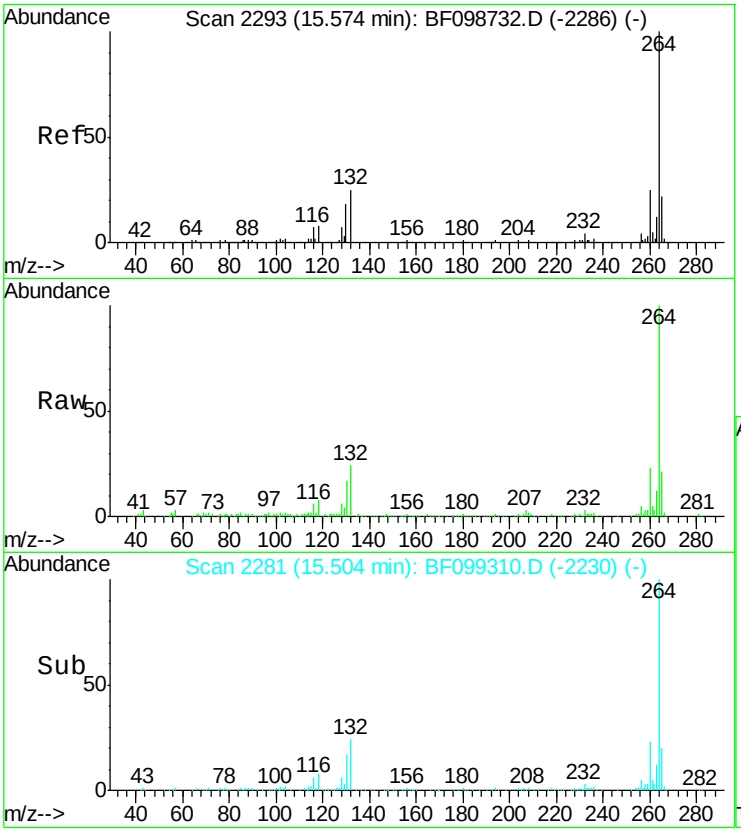


#78
Terphenyl-d14
Concen: 52.74 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Tgt Ion:244 Resp: 439354

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.8	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099310.D
Acq: 10 Oct 2017 19:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 165768

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.7	17.5	26.3