Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101296.D
Acq On : 11 Dec 2017 18:16
Operator : SJ/JU
Sample : I6747-04 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 11 23:43:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	54479	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	205535	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	88634	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	139380	20.00	ng		0.00
75) Chrysene-d12	14.02	240	113465	20.00	ng		0.01
86) Perylene-d12	15.50	264	90319	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	168694	51.17	ng		0.00
7) Phenol-d6	6.46	99	205149	51.25	ng		0.00
23) Nitrobenzene-d5	7.39	82	122024	35.42	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	36698	34.47	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	266473	41.13	ng		0.00
78) Terphenyl-d14	12.94	244	187268	36.10	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	15888	5.894	ng	#	85
25) Isophorone	7.39	82	122024	20.734	ng	#	64
49) Dimethylphthalate	9.58	163	22398	3.133	ng		99
50) 2,6-Dinitrotoluene	9.87	165	11241	7.466	ng	#	24
56) 2,4-Dinitrotoluene	9.87	165	11241	5.571	ng	#	21
70) Phenanthrene	11.39	178	94393	12.298	ng		97
71) Anthracene	11.44	178	23206	2.987	ng		99
74) Fluoranthene	12.58	202	159472	18.743	ng		95
77) Pyrene	12.81	202	153865	19.652	ng		99
80) Benzo(a)anthracene	14.00	228	84637	11.814	ng		98
82) Chrysene	14.04	228	76368	11.478	ng		96
87) Benzo(b)fluoranthene	15.07	252	102541	18.954	ng	#	80
88) Benzo(k)fluoranthene	15.07	252	102541	19.239	ng	#	84
89) Benzo(a)pyrene	15.44	252	54363	11.053	ng	#	91
91) Benzo(g,h,i)perylene	17.46	276	28342	6.936	ng	#	91

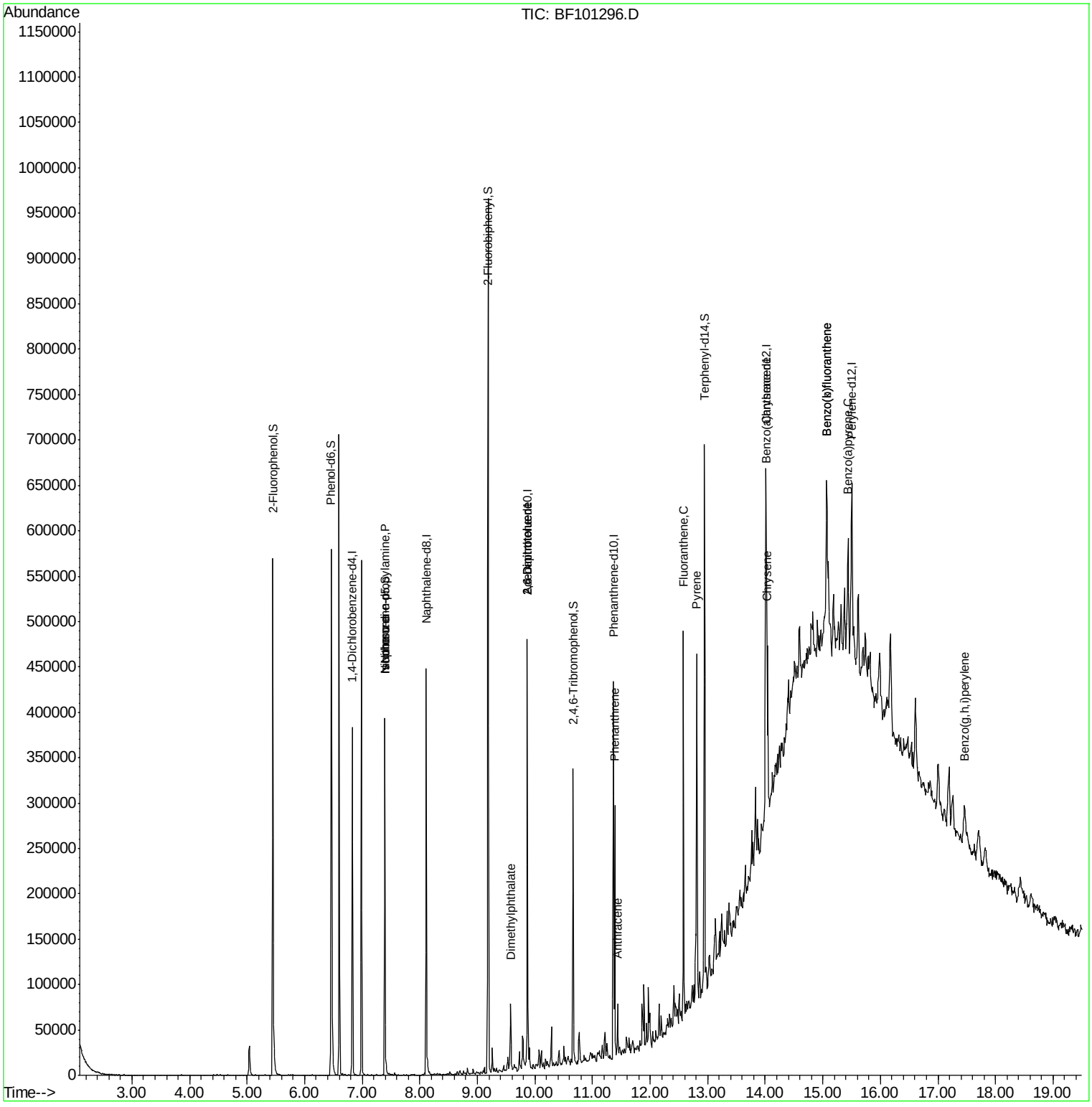
(#) = qualifier out of range (m) = manual integration (+) = signals summed

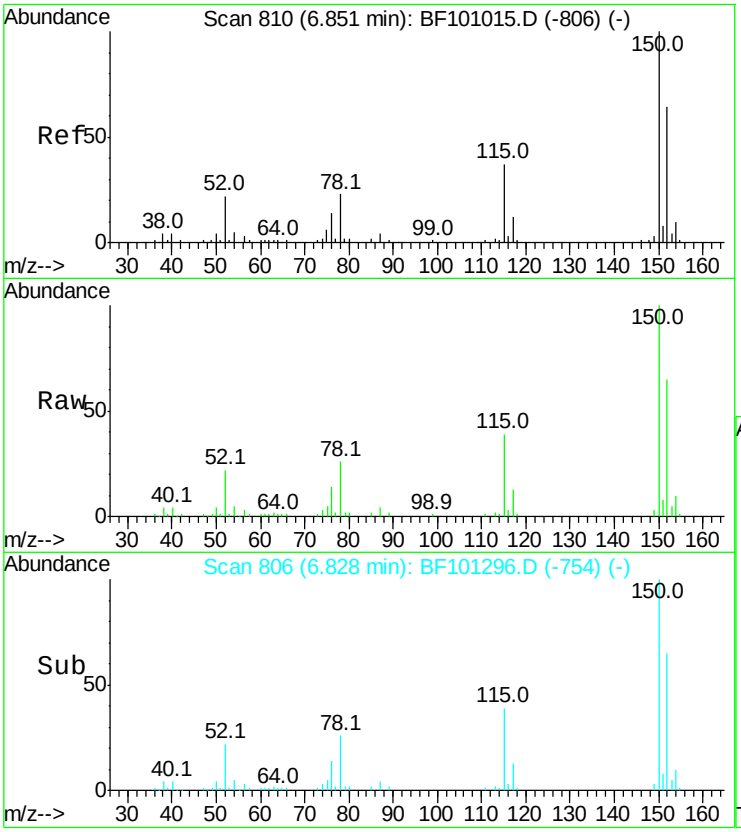
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101296.D
Acq On : 11 Dec 2017 18:16
Operator : SJ/JU
Sample : I6747-04 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 11 23:43:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



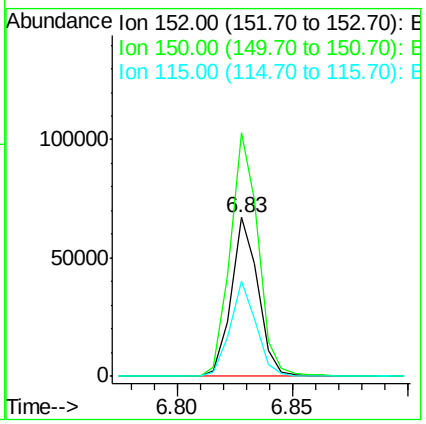


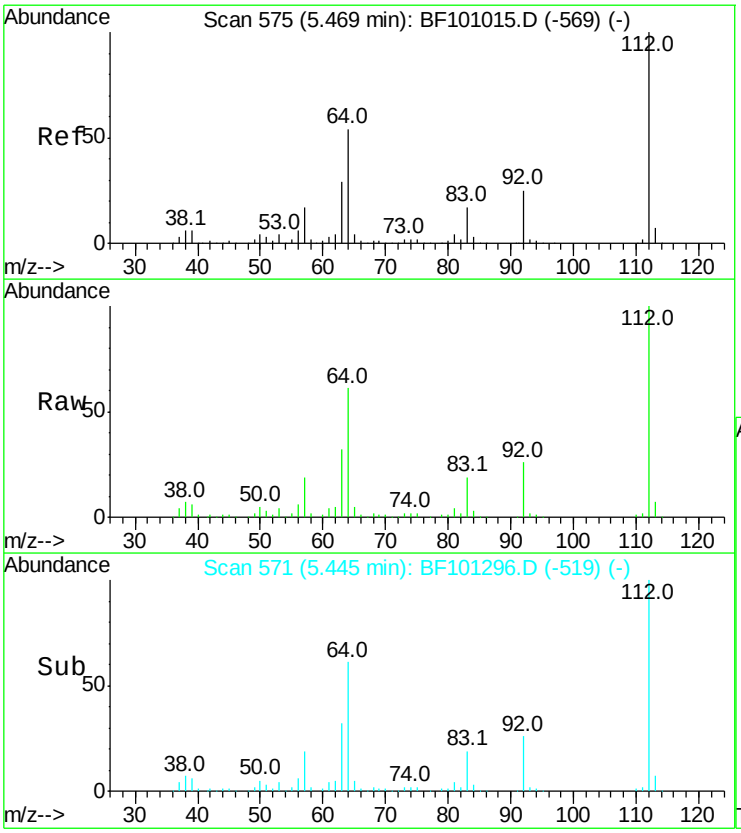
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 54479

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	59.7	50.1	75.1

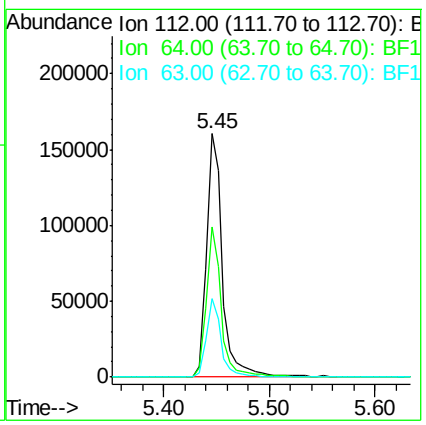


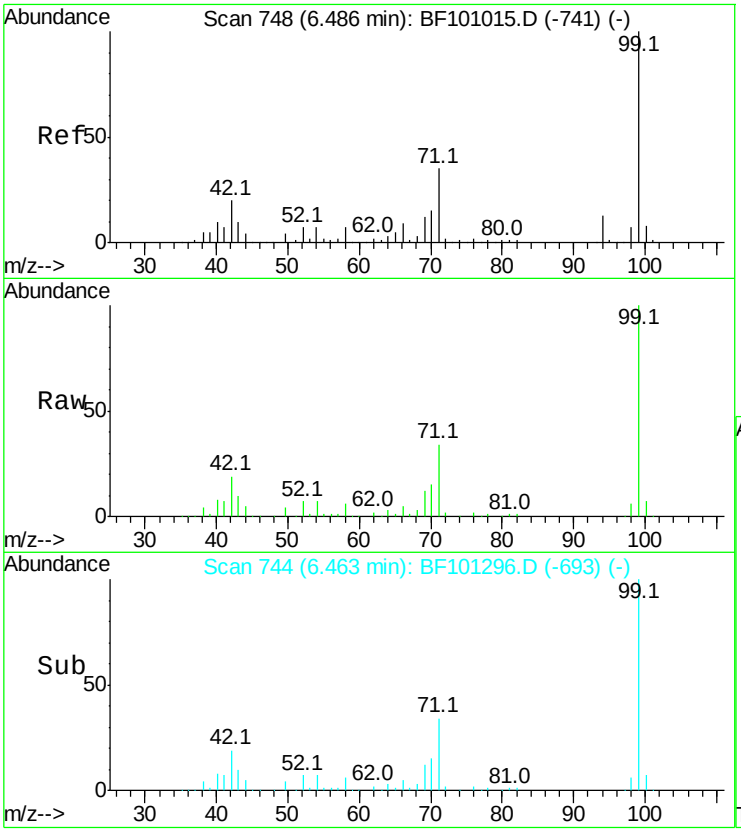


#5
2-Fluorophenol
Concen: 51.168 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Tgt Ion:112 Resp: 168694

Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.9	71.9
63	32.0	23.7	35.5



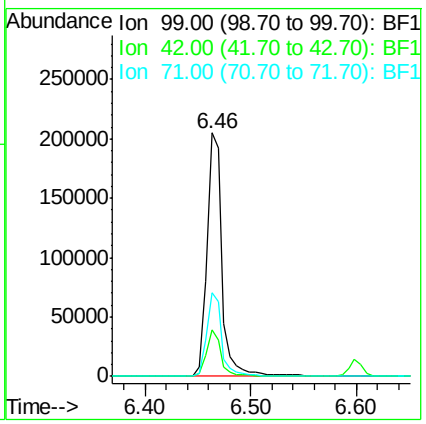


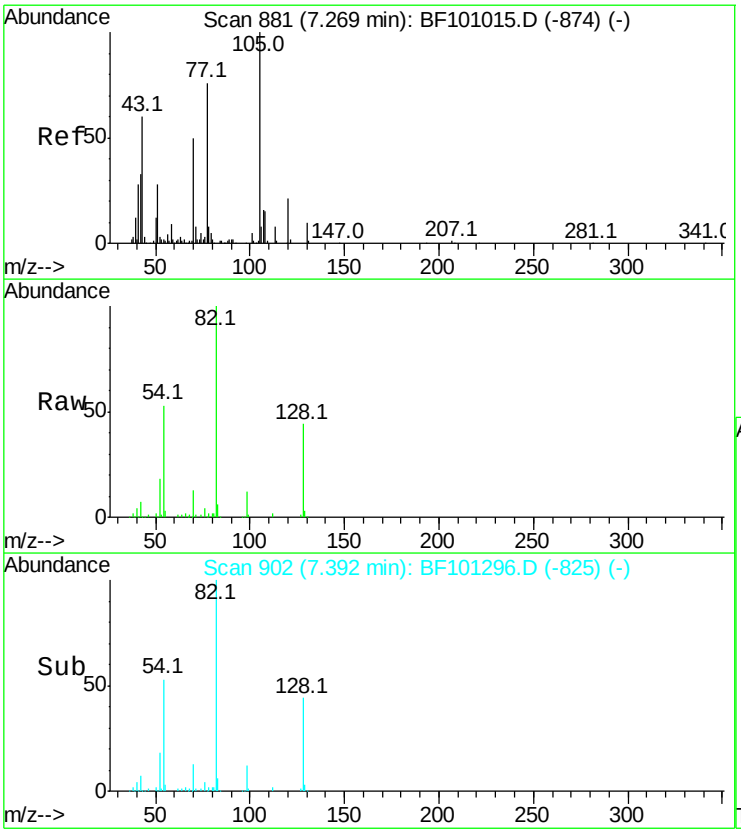
#7
Phenol-d6
Concen: 51.252 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 205149

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	34.5	25.4	38.0

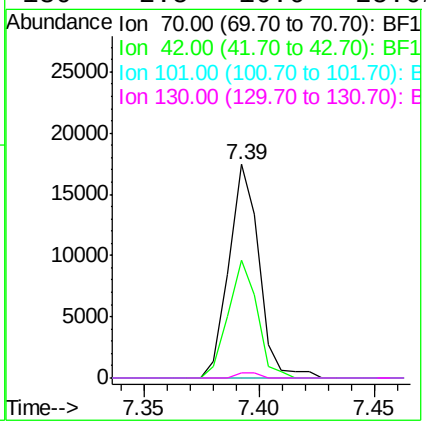


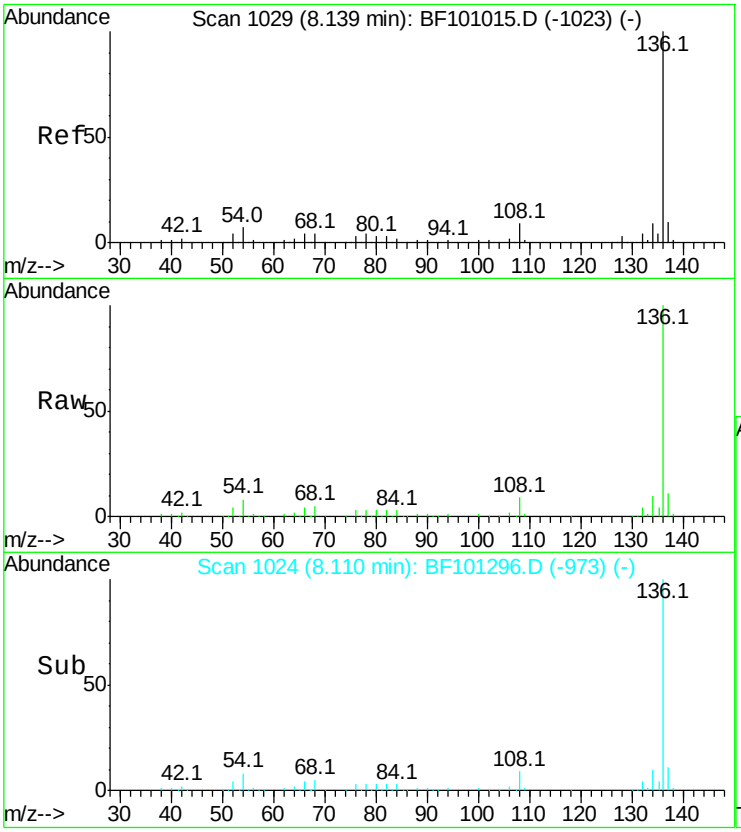


#19
n-Nitroso-di-n-propylamine
Concen: 5.894 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Tgt Ion: 70 Resp: 15888

Ion	Ratio	Lower	Upper
70	100		
42	55.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



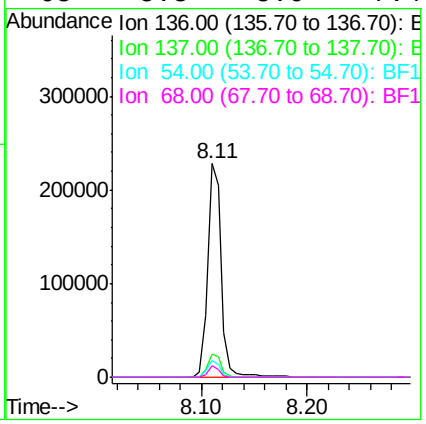


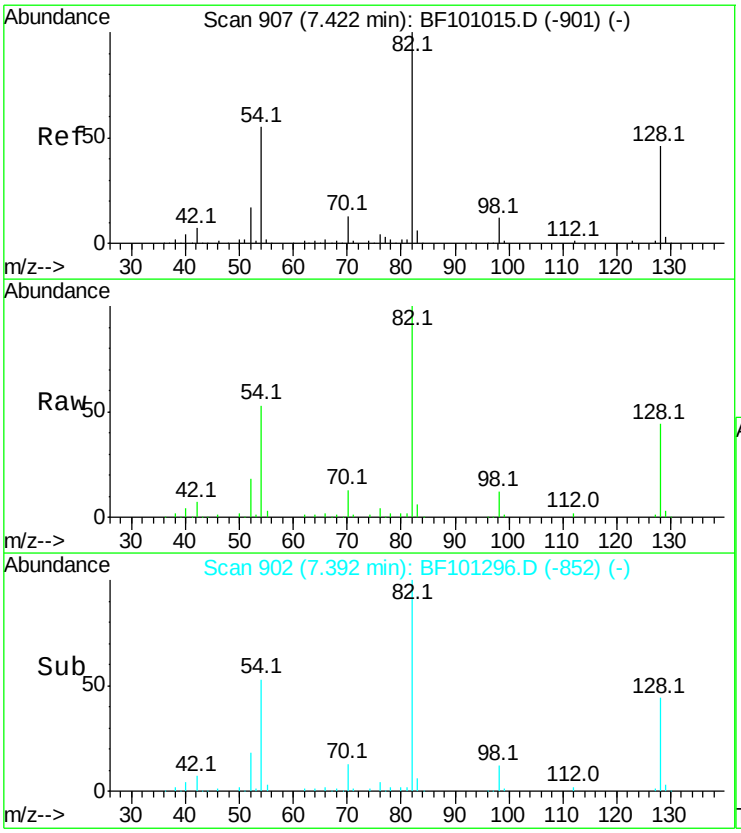
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 205535

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.9	6.6	9.8
68	5.3	5.0	7.4

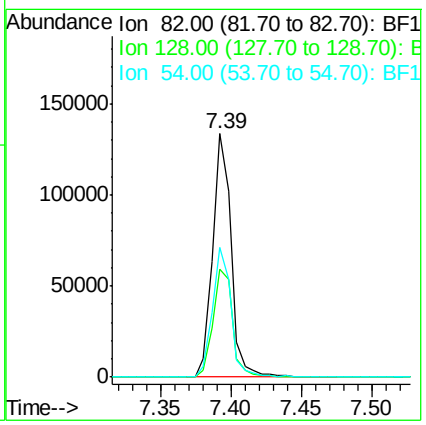


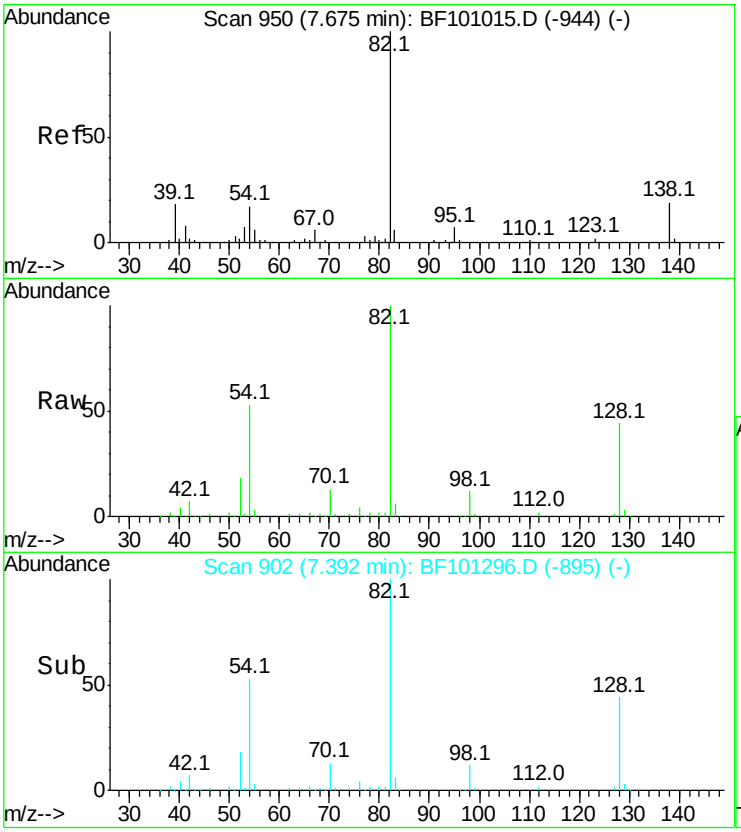


#23
Nitrobenzene-d5
Concen: 35.415 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Tgt Ion: 82 Resp: 122024

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	53.1	41.4	62.2



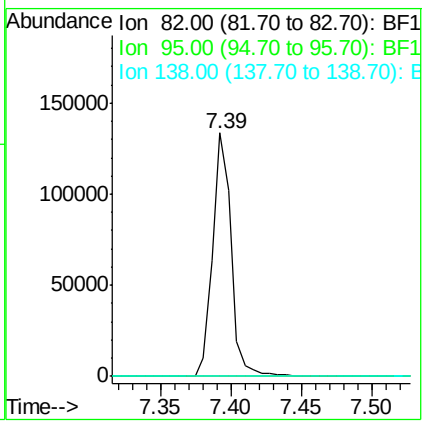


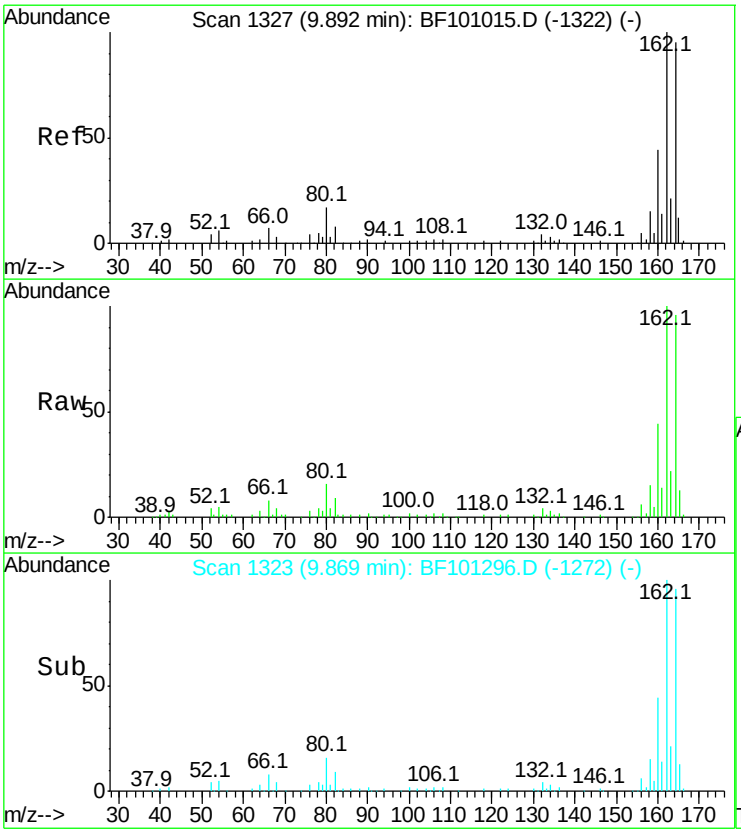
#25
Isophorone
Concen: 20.734 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 122024

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

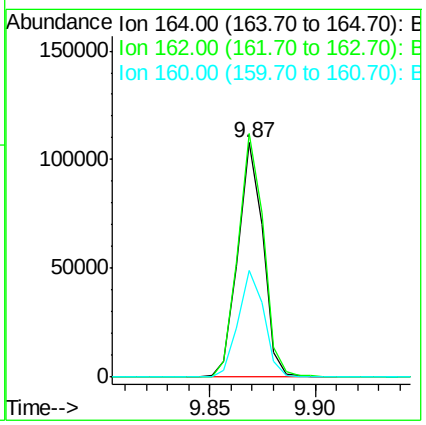


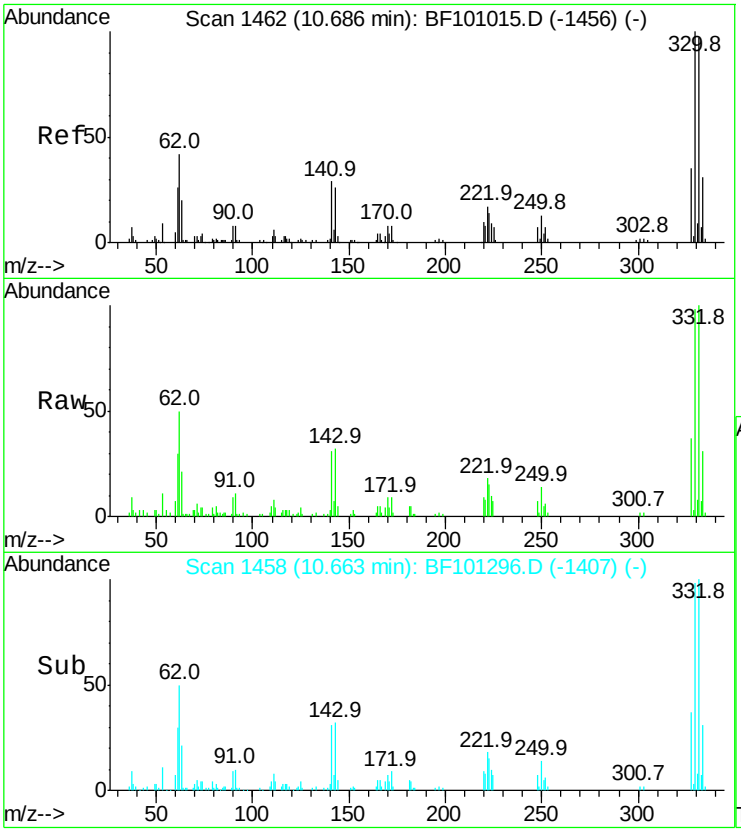


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Tgt Ion:164 Resp: 88634

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.5	38.3	57.5



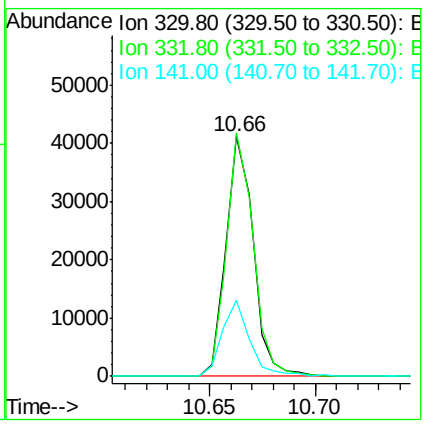


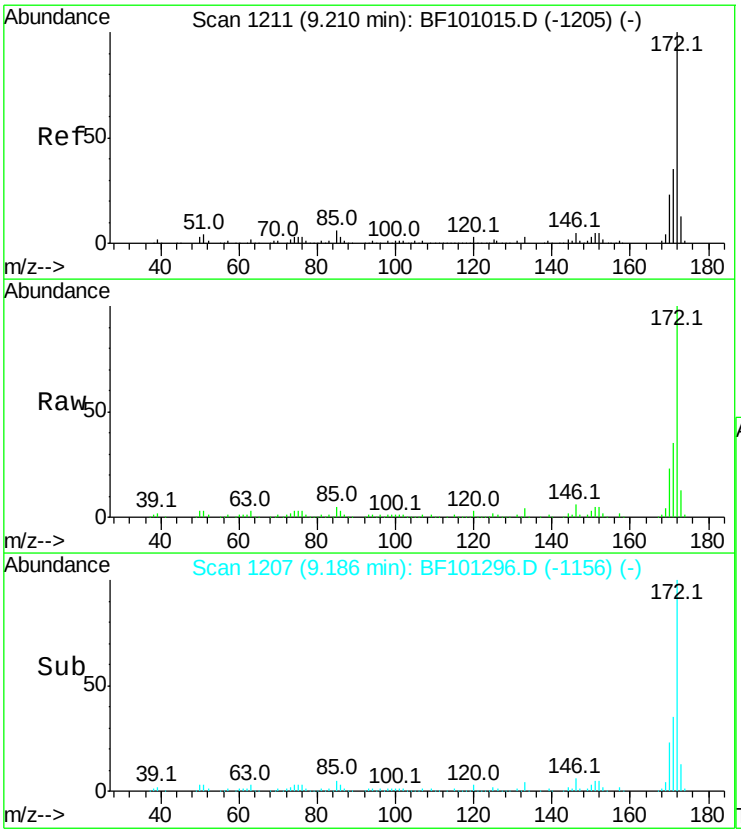
#41
2,4,6-Tribromophenol
Concen: 34.466 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 36698

Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.0	115.6
141	32.4	29.9	44.9

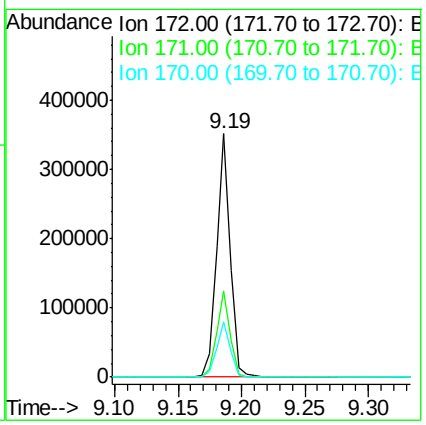


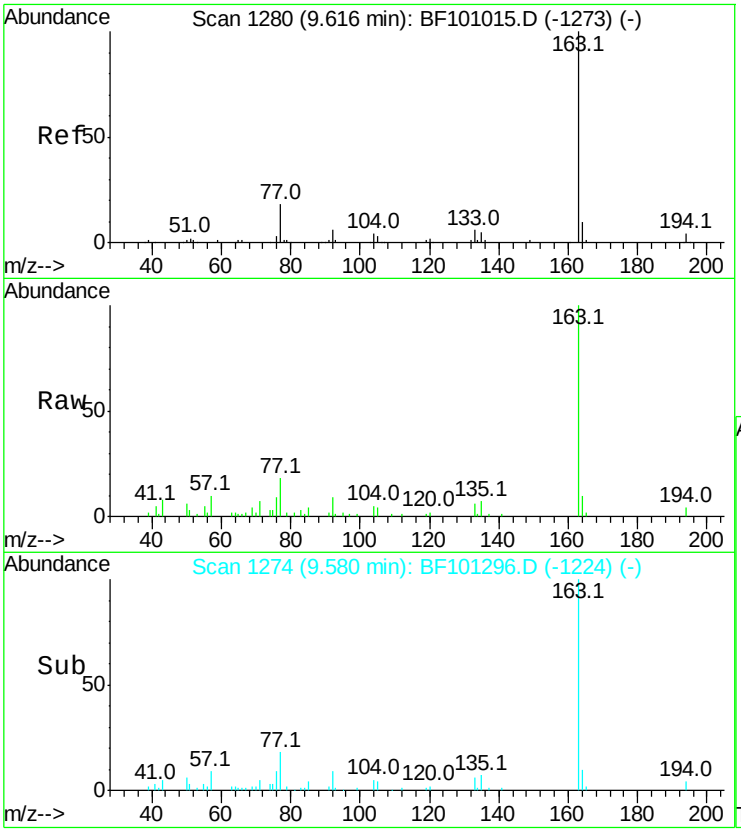


#44
2-Fluorobiphenyl
Concen: 41.134 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Tgt Ion:172 Resp: 266473

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	22.7	19.6	29.4



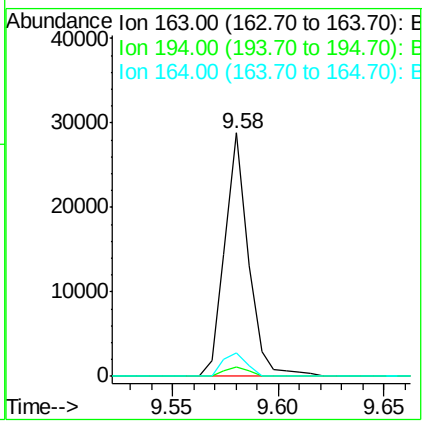


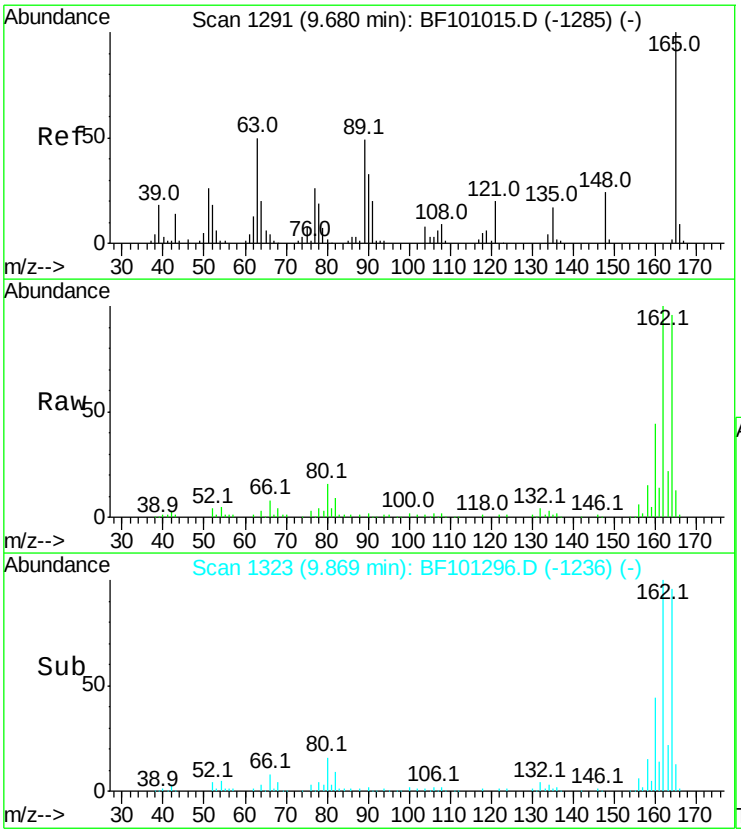
#49
Dimethylphthalate
Concen: 3.133 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 22398

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.9	8.2	12.2

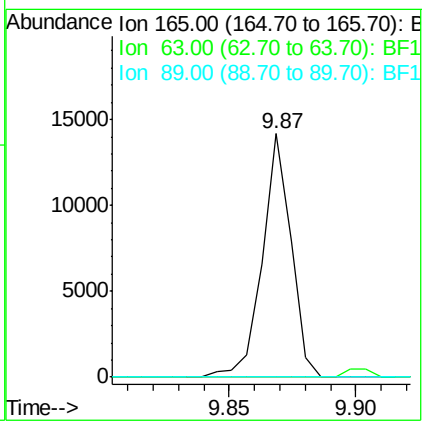


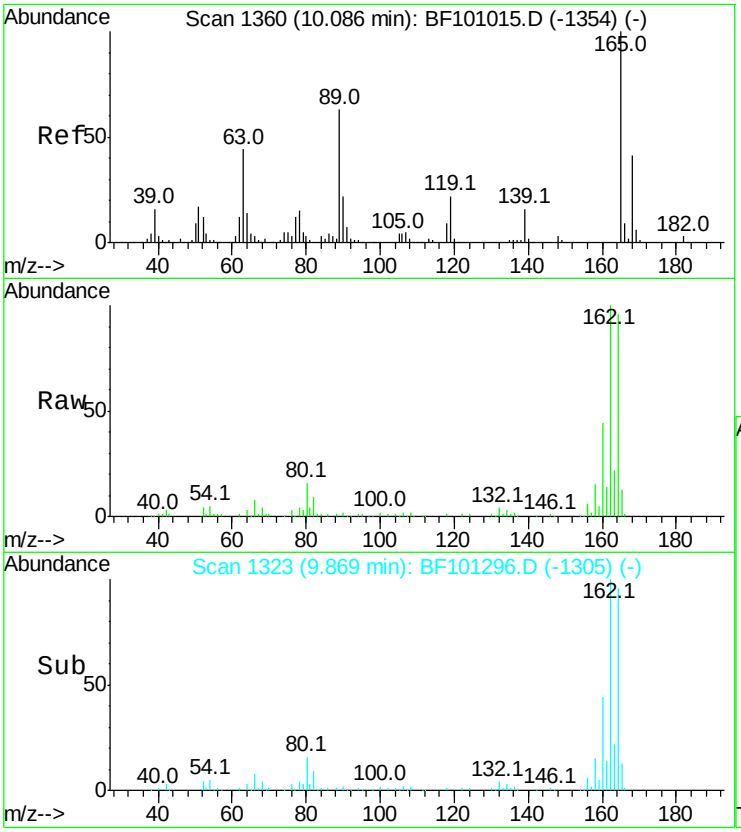


#50
2,6-Dinitrotoluene
Concen: 7.466 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.21 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Tgt Ion:165 Resp: 11241

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



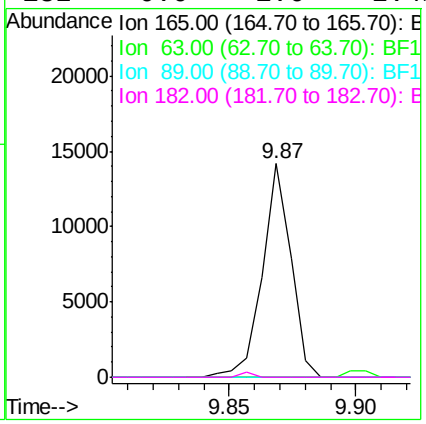


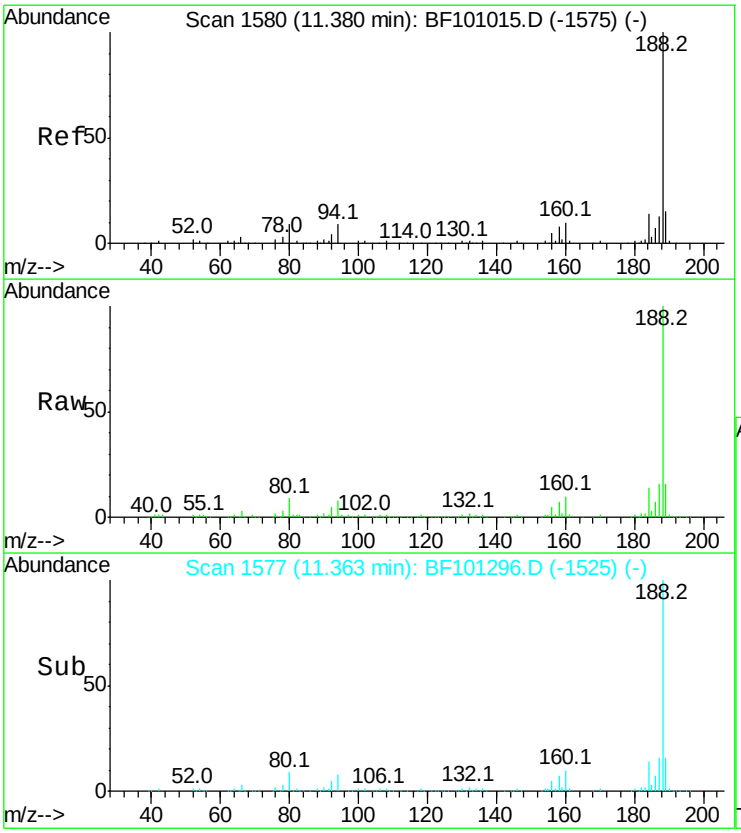
#56
2,4-Dinitrotoluene
Concen: 5.571 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11241

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

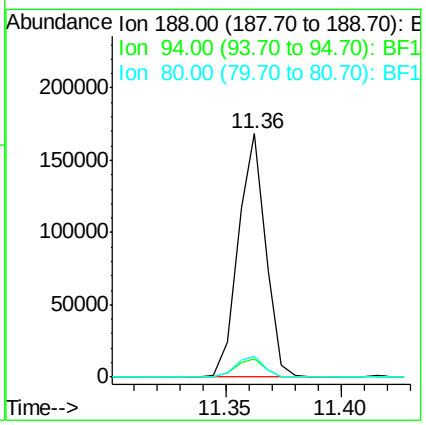


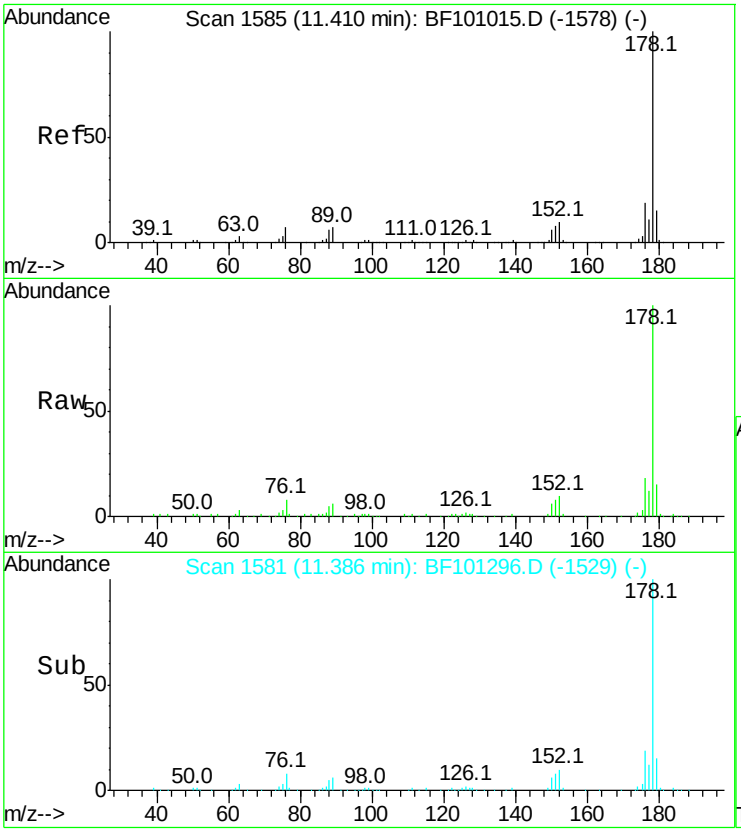


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Tgt Ion:188 Resp: 139380

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.8	9.2	13.8#



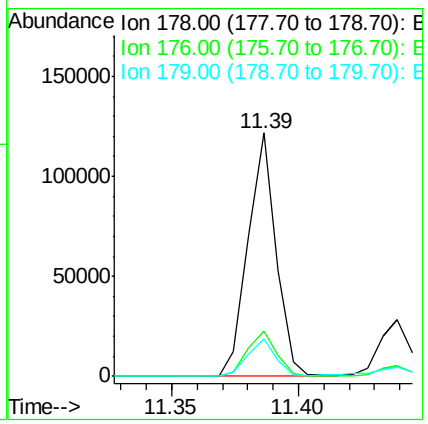


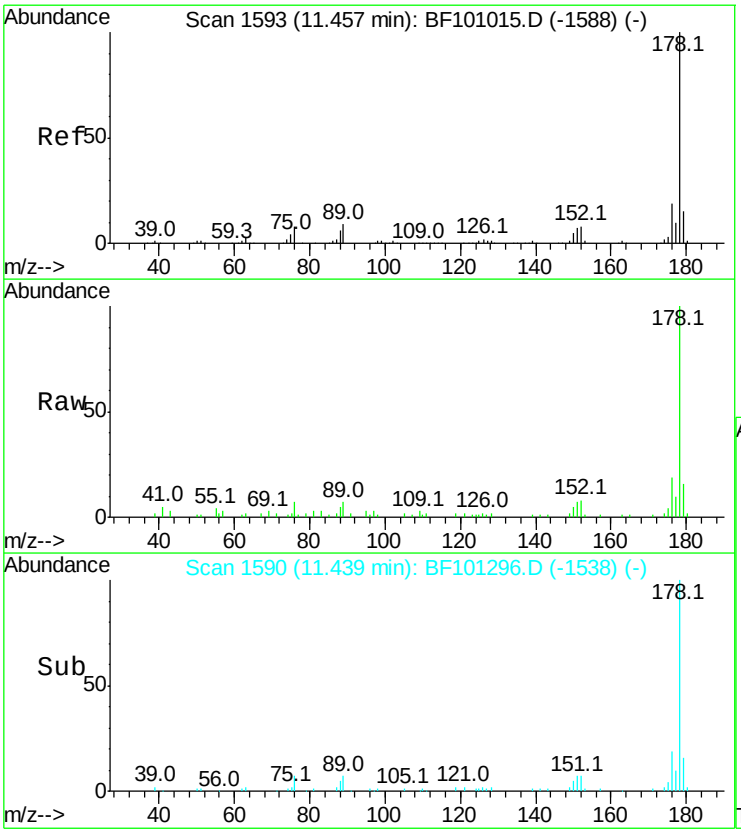
#70
Phenanthrene
Concen: 12.298 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 94393

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.3	13.0	19.6

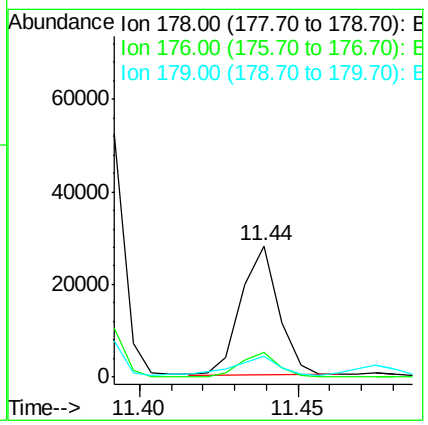


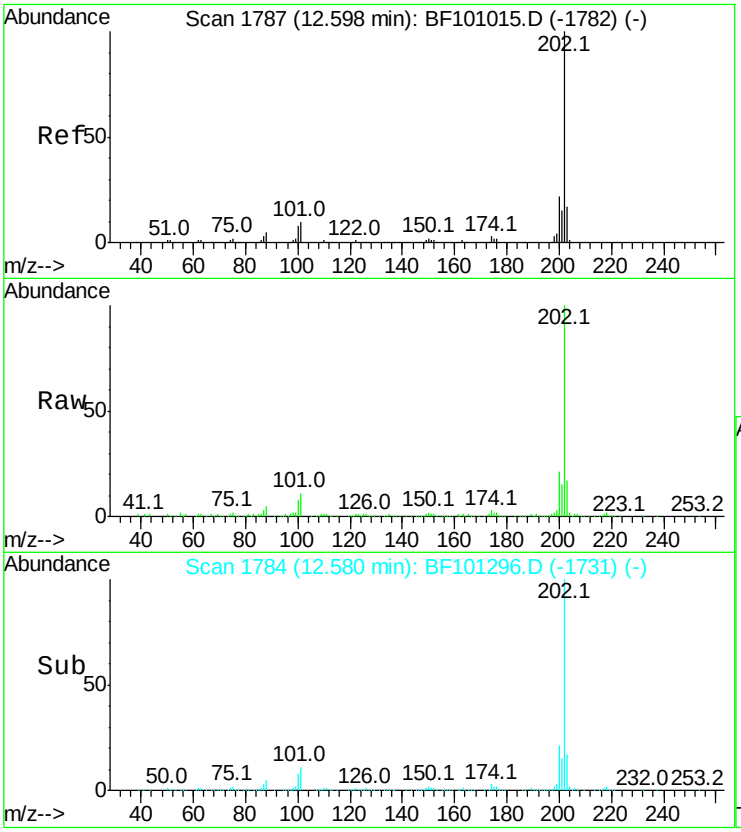


#71
Anthracene
Concen: 2.987 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Tgt Ion:178 Resp: 23206

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.9	12.6	19.0



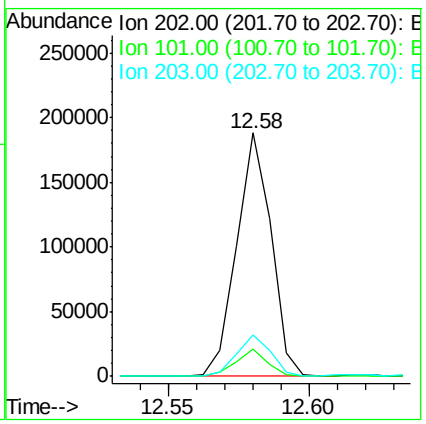


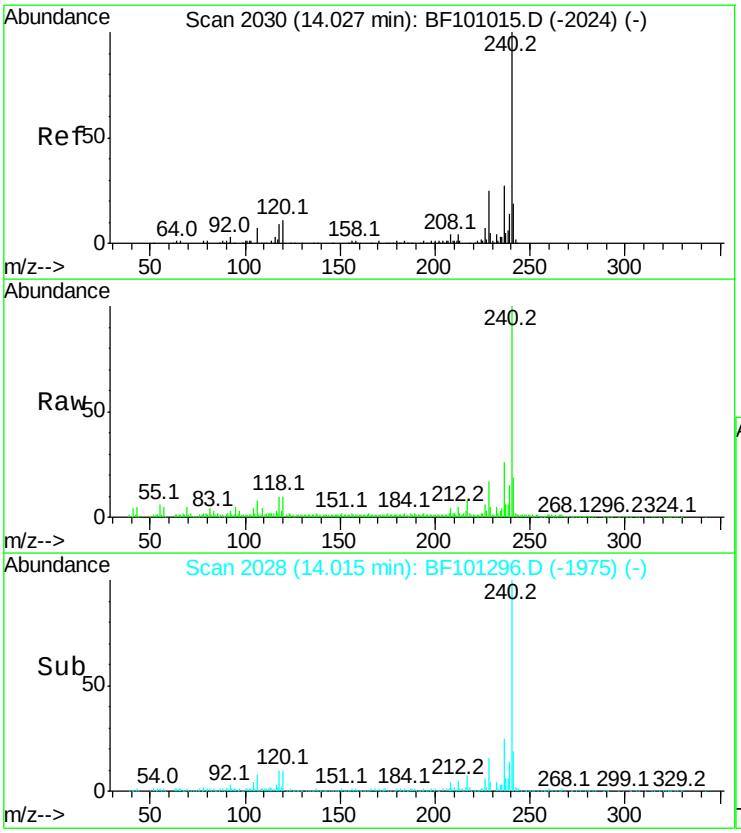
#74
Fluoranthene
Concen: 18.743 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 159472

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	16.8	0.0	38.1

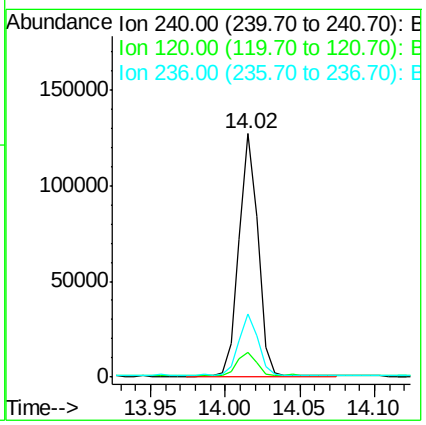


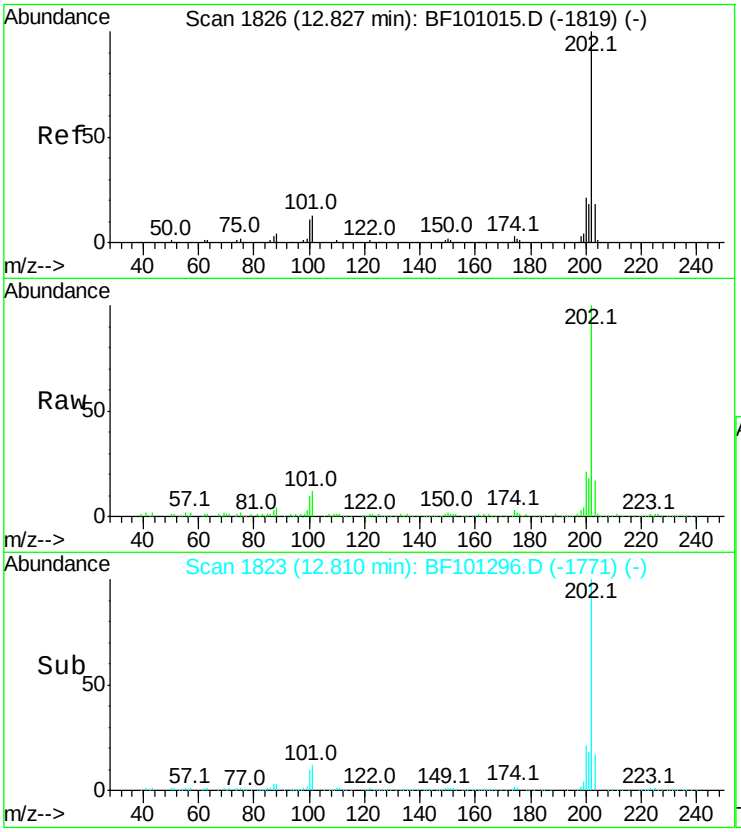


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Tgt Ion:240 Resp: 113465

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.8	20.7	31.1



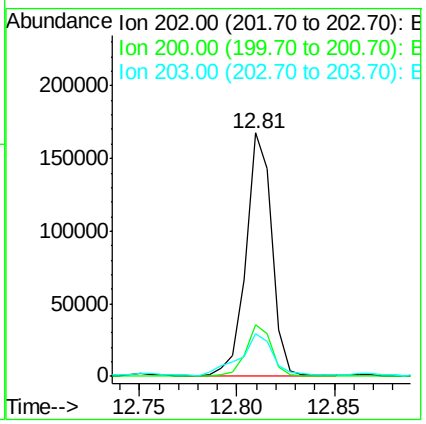


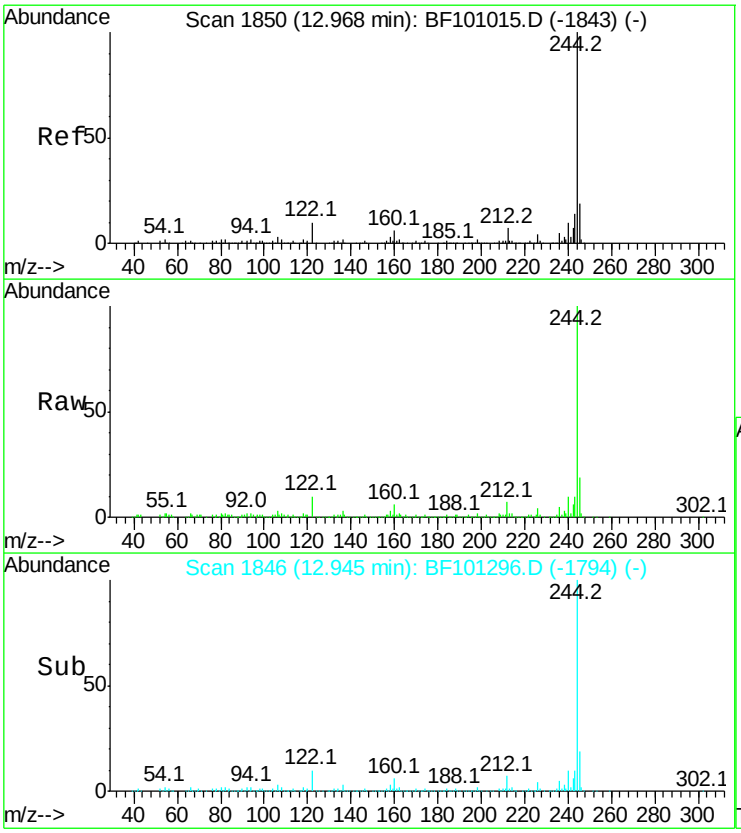
#77
Pyrene
Concen: 19.652 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 153865

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.5	14.3	21.5

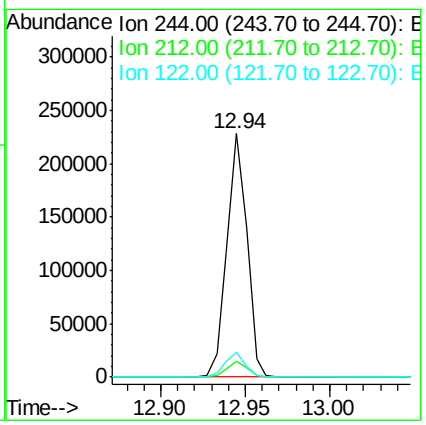


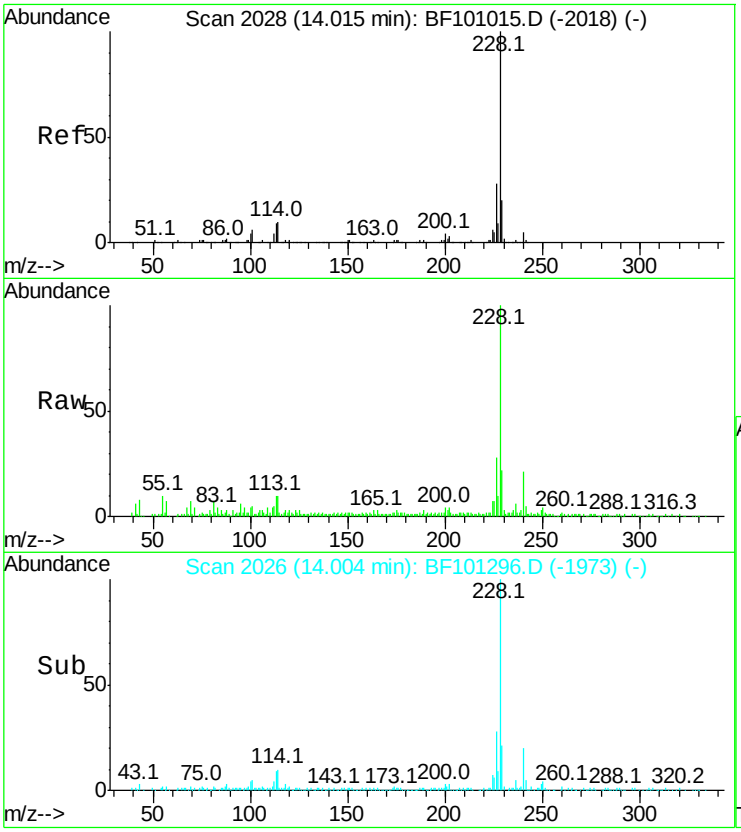


#78
Terphenyl-d14
Concen: 36.100 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Tgt Ion:244 Resp: 187268

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.2	11.0	16.4#



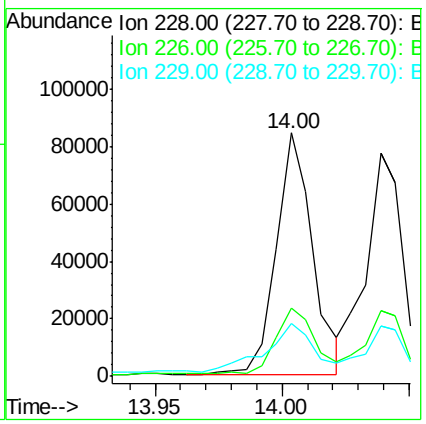


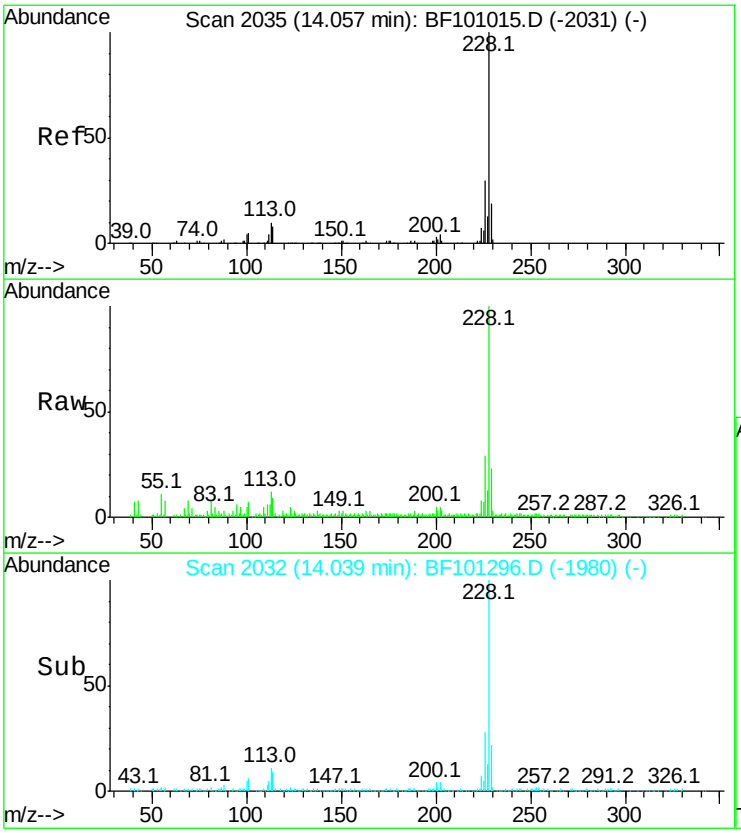
#80
Benzo(a)anthracene
Concen: 11.814 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 84637

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	21.9	15.8	23.6

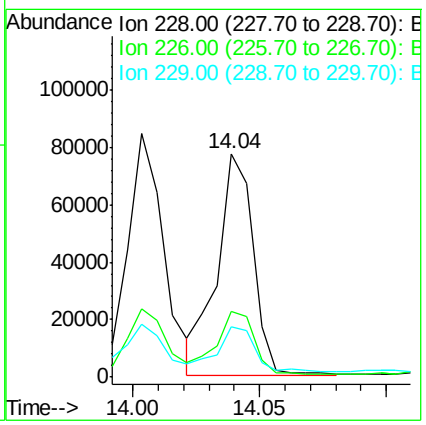


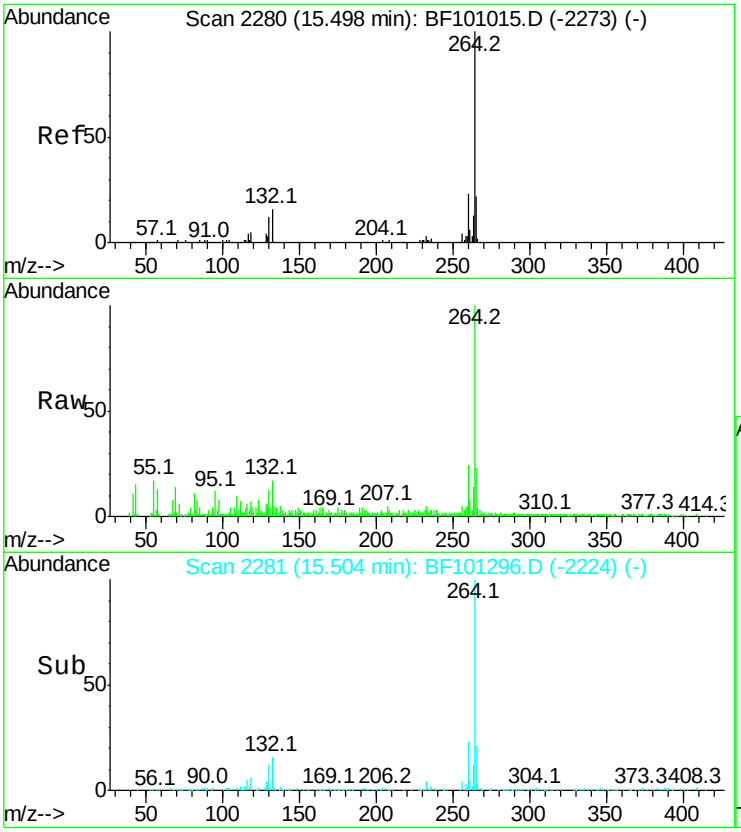


#82
Chrysene
Concen: 11.478 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Tgt Ion:228 Resp: 76368

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	22.5	16.2	24.4



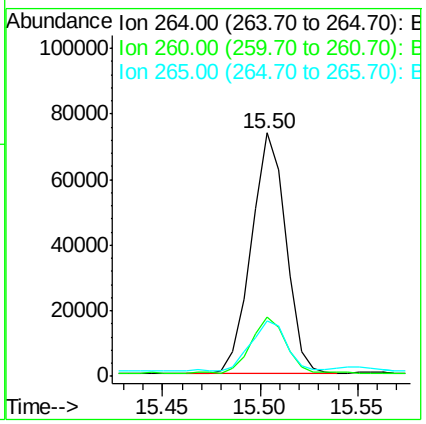


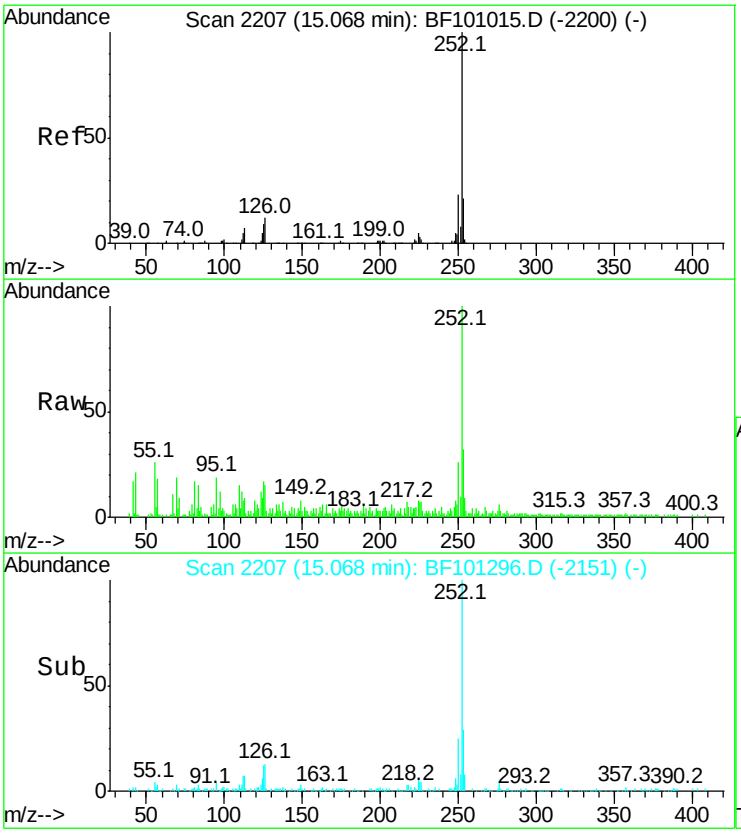
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.04 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 90319

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.9	17.5	26.3

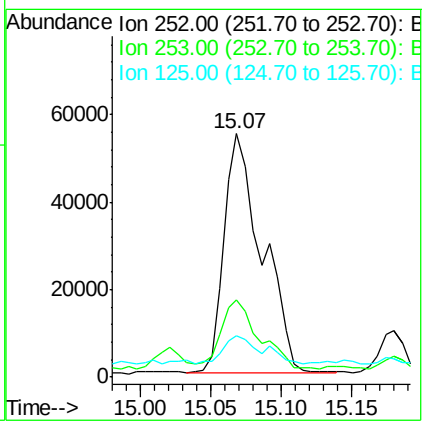


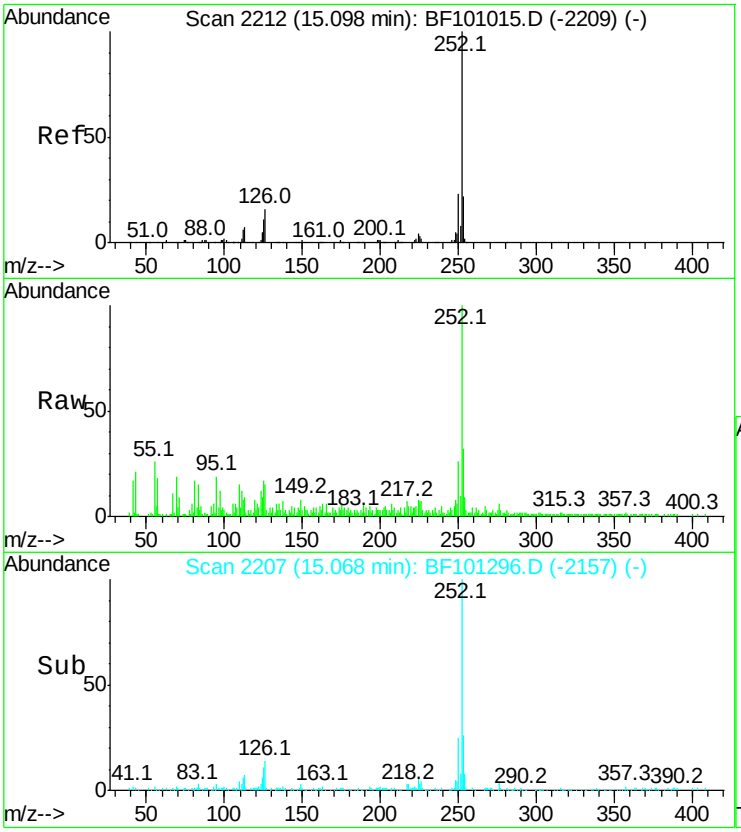


#87
Benzo(b)fluoranthene
Concen: 18.954 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.03 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Tgt Ion:252 Resp: 102541

Ion	Ratio	Lower	Upper
252	100		
253	31.7	17.0	25.6#
125	17.1	9.0	13.6#



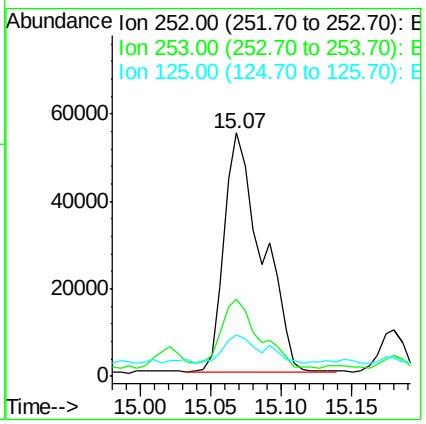


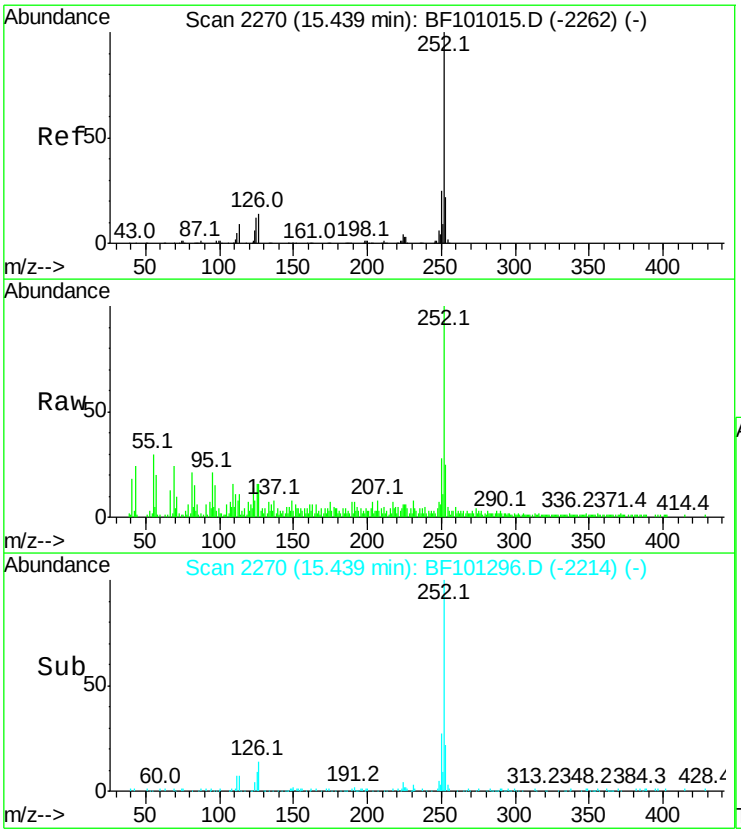
#88
Benzo(k)fluoranthene
Concen: 19.239 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 102541

Ion	Ratio	Lower	Upper
252	100		
253	31.7	17.9	26.9#
125	17.1	10.2	15.2#

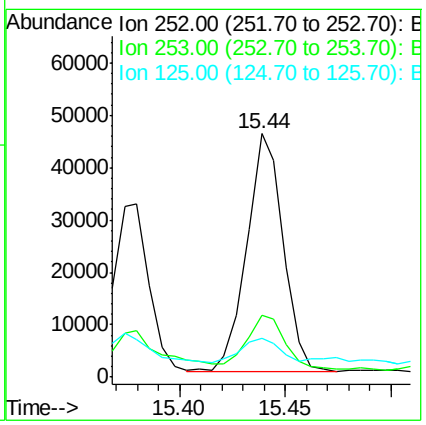


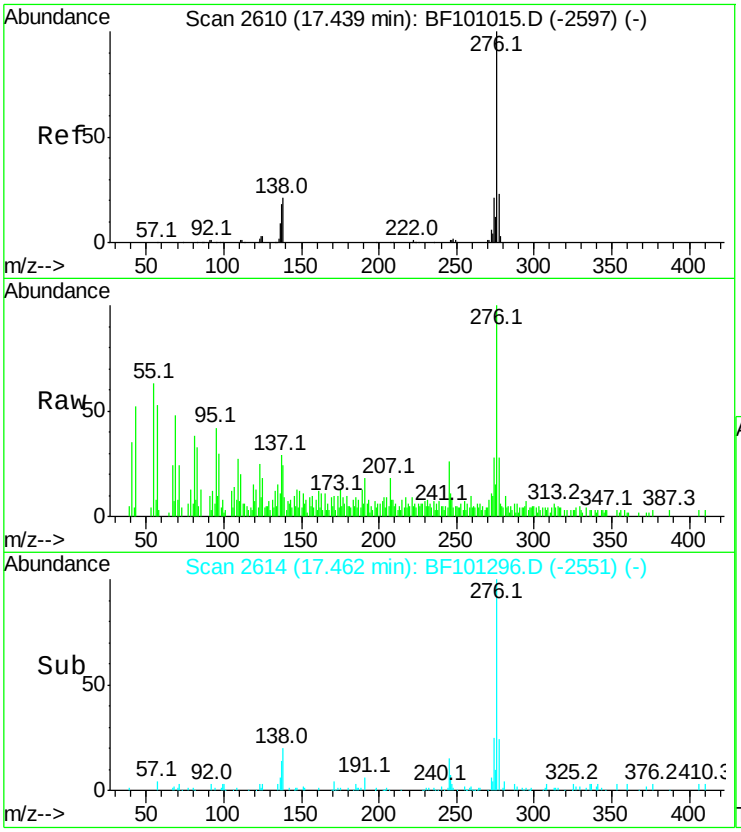


#89
Benzo(a)pyrene
Concen: 11.053 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.03 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Tgt Ion:252 Resp: 54363

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	16.1	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 6.936 ng
RT: 17.46 min Scan# 2614
Delta R.T. 0.07 min
Lab File: BF101296.D
Acq: 11 Dec 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 28342

Ion	Ratio	Lower	Upper
276	100		
277	27.9	17.9	26.9#
138	23.6	21.8	32.8