Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013019\
Data File : BF112324.D
Acq On : 30 Jan 2019 16:23
Operator : JU/SJ
Sample : K1282-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Time: Jan 30 23:43:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	194871	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	734883	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	338585	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	587168	20.00	ng		0.00
76) Chrysene-d12	14.00	240	410169	20.00	ng		-0.01
87) Perylene-d12	15.47	264	414417	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1001645	109.18	ng		0.00
7) Phenol-d6	6.49	99	1230773	96.54	ng		0.00
23) Nitrobenzene-d5	7.40	82	780522	61.20	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	324728	82.40	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1261369	52.69	ng		-0.01
79) Terphenyl-d14	12.94	244	973001	44.68	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.50	94	91934	6.573	ng		80
19) n-Nitroso-di-n-propylamine	7.40	70	105817	12.038	ng	#	76
25) Isophorone	7.40	82	771424	38.555	ng	#	64
50) Dimethylphthalate	9.59	163	155788	5.922	ng		97
57) 2,4-Dinitrotoluene	9.87	165	45222	6.029	ng	#	32
67) 4-Bromophenyl-phenylether	10.66	248	19655	2.846	ng	#	1
71) Phenanthrene	11.38	178	198922	6.516	ng		97
75) Fluoranthene	12.57	202	275073	8.402	ng		97
78) Pyrene	12.80	202	236261	8.320	ng		98
81) Benzo(a)anthracene	13.99	228	118789	4.927	ng		97
83) Chrysene	14.03	228	120172	5.221	ng		95
86) Indeno(1,2,3-cd)pyrene	16.94	276	52860	2.898	ng		94
88) Benzo(b)fluoranthene	15.04	252	196294	7.920	ng		96
89) Benzo(k)fluoranthene	15.04	252	196294	8.269	ng		97
90) Benzo(a)pyrene	15.41	252	100697	4.515	ng		99
92) Benzo(g,h,i)perylene	17.39	276	50203	2.961	ng		96

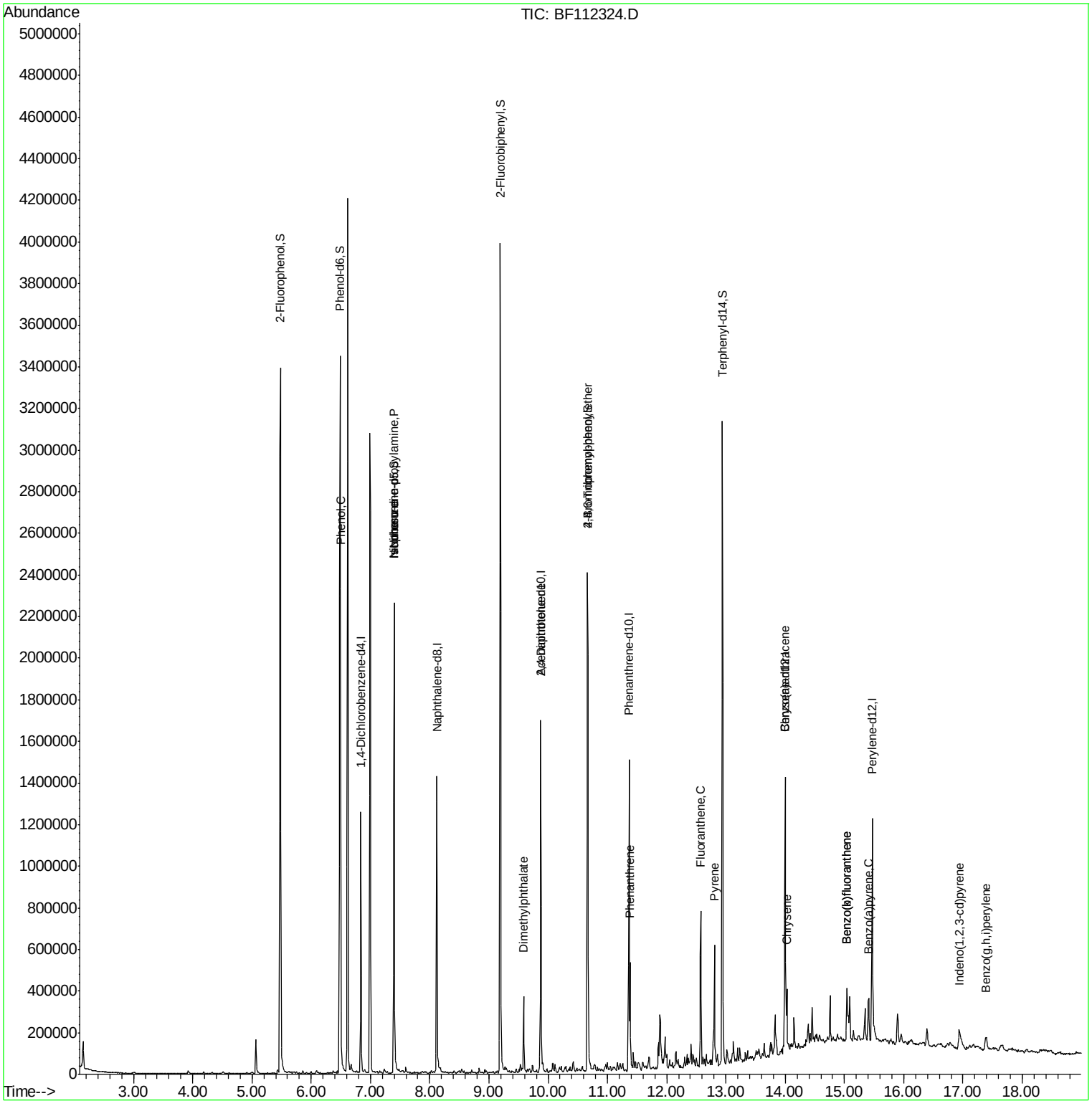
(#) = qualifier out of range (m) = manual integration (+) = signals summed

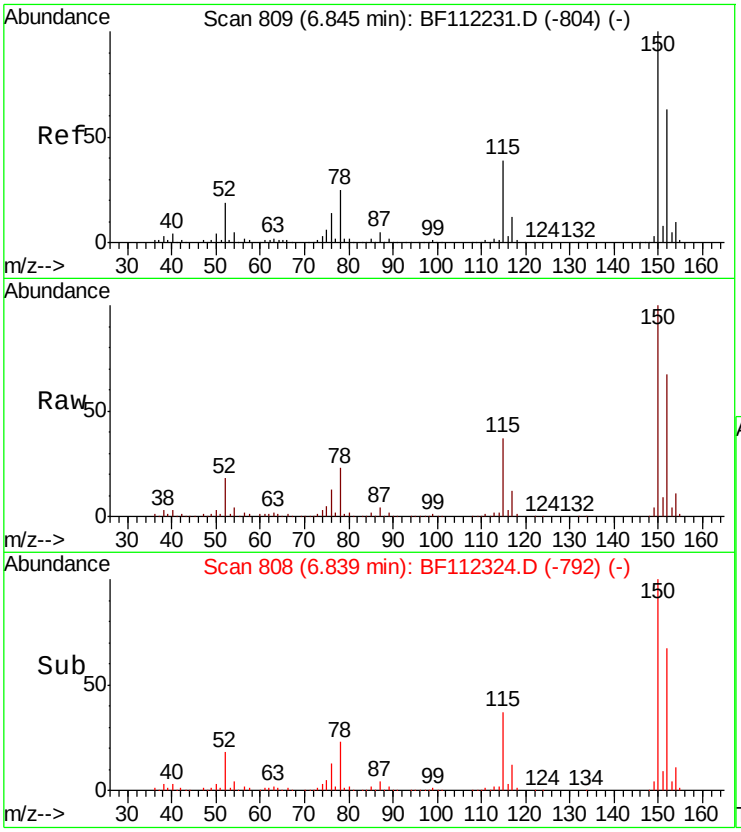
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013019\
Data File : BF112324.D
Acq On : 30 Jan 2019 16:23
Operator : JU/SJ
Sample : K1282-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Jan 30 23:43:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



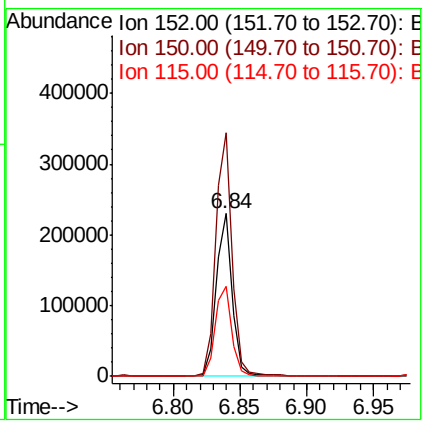


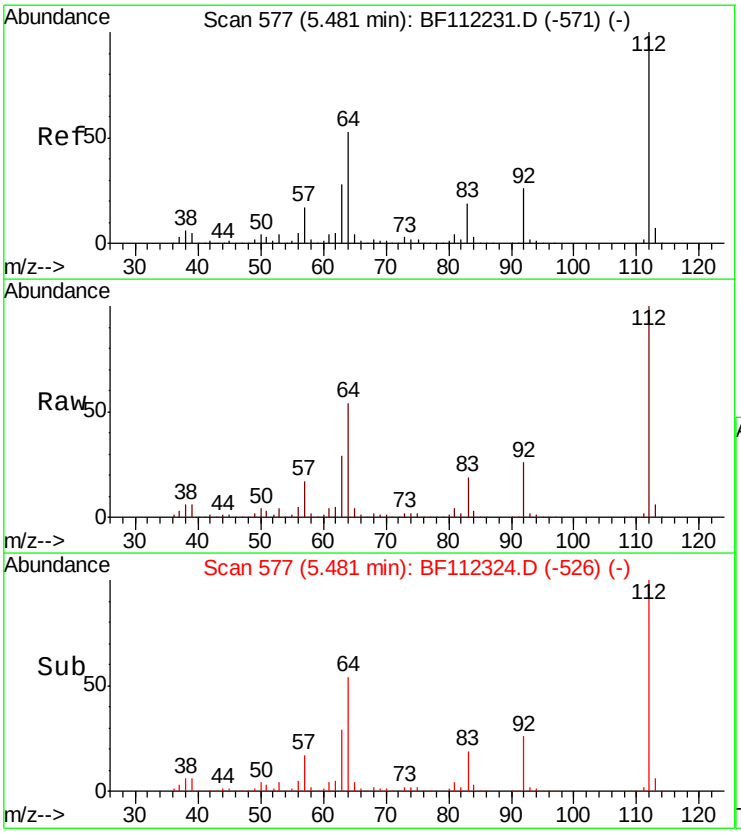
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 194871

Ion	Ratio	Lower	Upper
152	100		
150	149.6	127.4	191.0
115	54.9	45.5	68.3

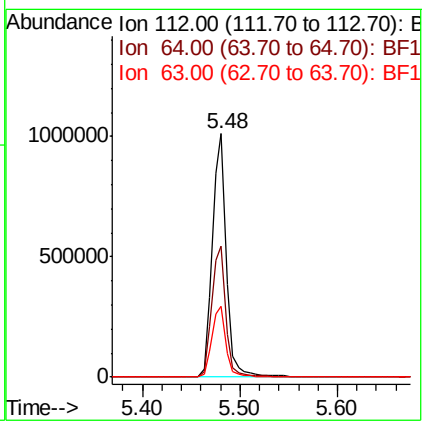


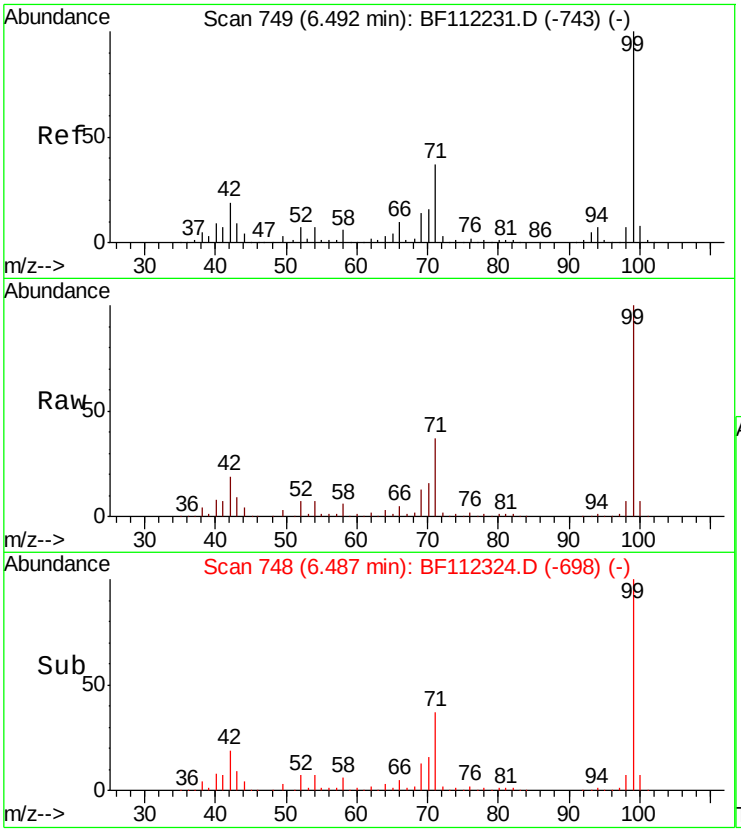


#5
2-Fluorophenol
Concen: 109.178 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Tgt Ion:112 Resp: 1001645

Ion	Ratio	Lower	Upper
112	100		
64	53.9	45.7	68.5
63	28.9	23.6	35.4



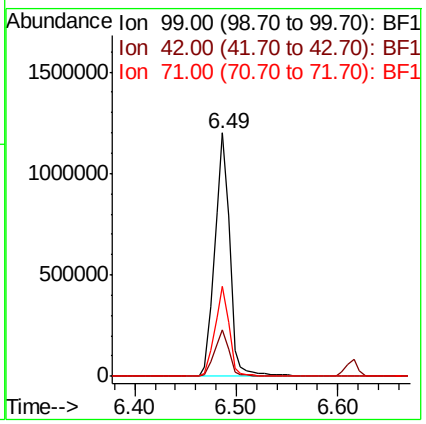


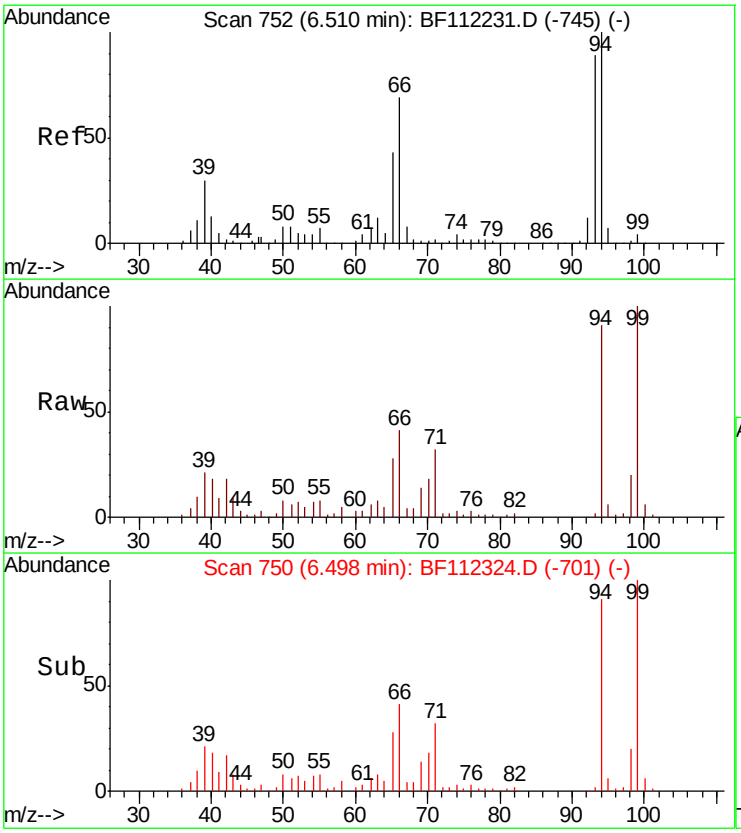
#7
Phenol-d6
Concen: 96.544 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 1230773

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.1	22.7
71	36.8	26.9	40.3

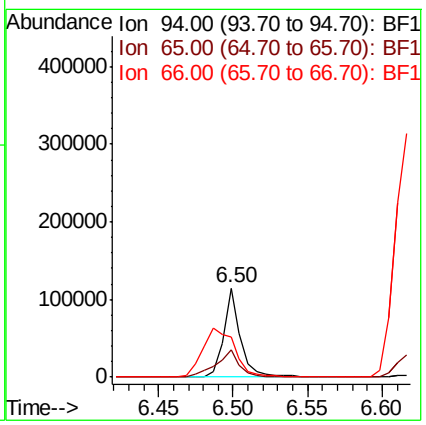


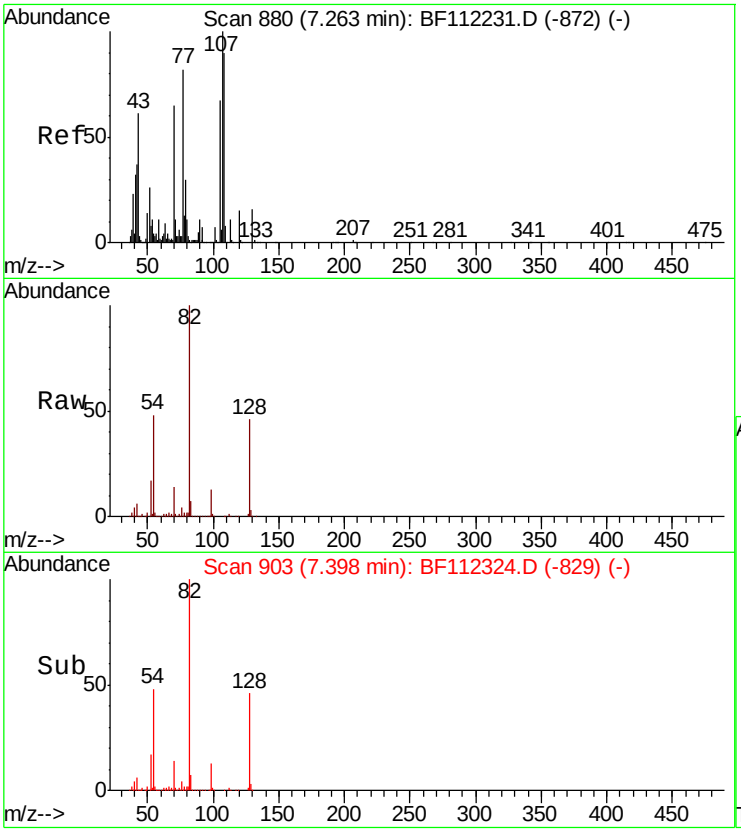


#10
Phenol
Concen: 6.573 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Tgt Ion: 94 Resp: 91934

Ion	Ratio	Lower	Upper
94	100		
65	30.6	20.3	60.3
66	44.7	42.4	82.4



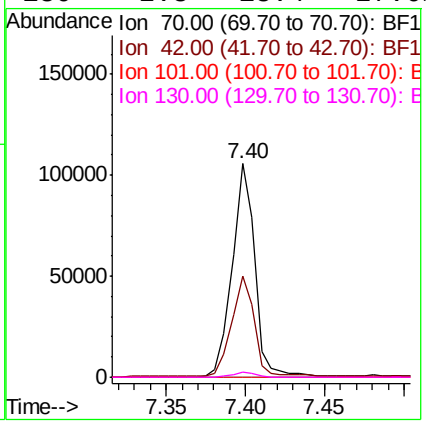


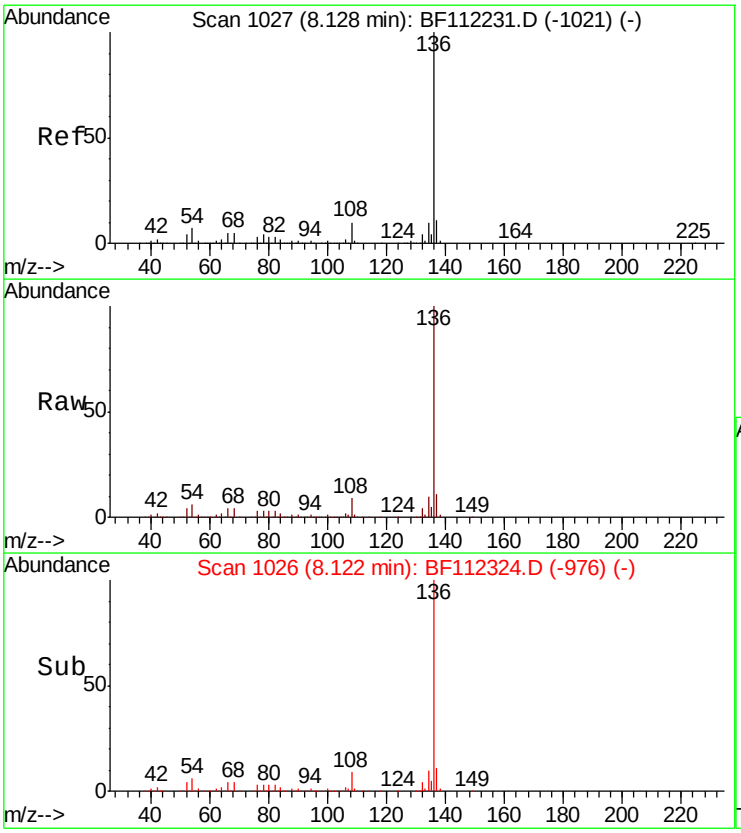
#19
n-Nitroso-di-n-propylamine
Concen: 12.038 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 70 Resp: 105817

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.6	71.4#
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#

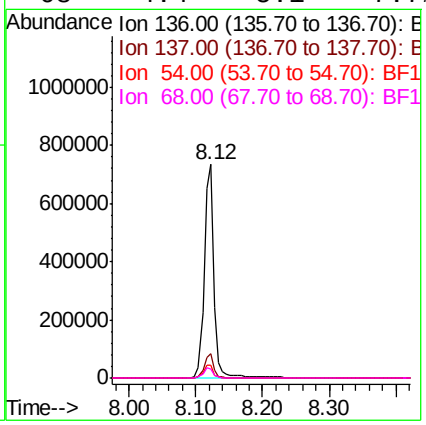


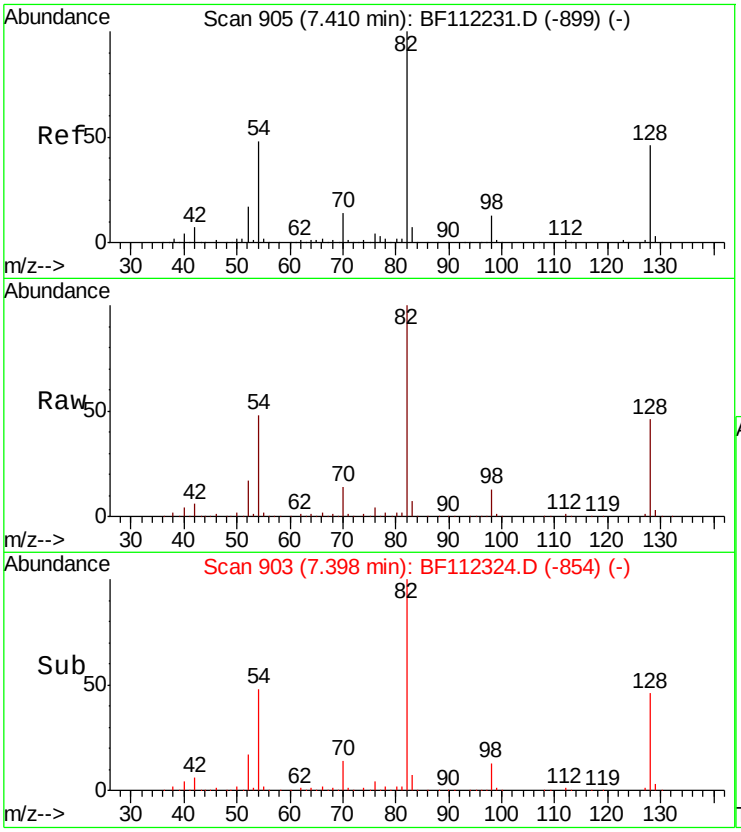


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Tgt Ion:136 Resp: 734883

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	5.9	5.9	8.9#
68	4.4	5.1	7.7#



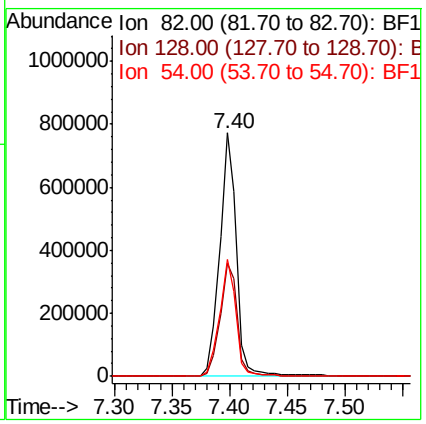


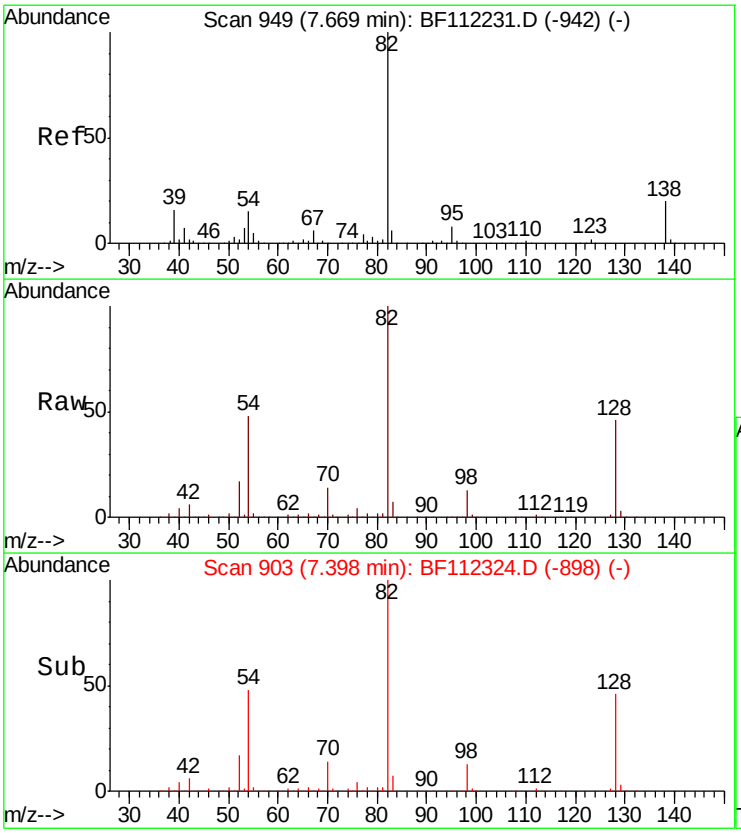
#23
Nitrobenzene-d5
Concen: 61.198 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 82 Resp: 780522

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.8	56.8
54	48.2	39.7	59.5

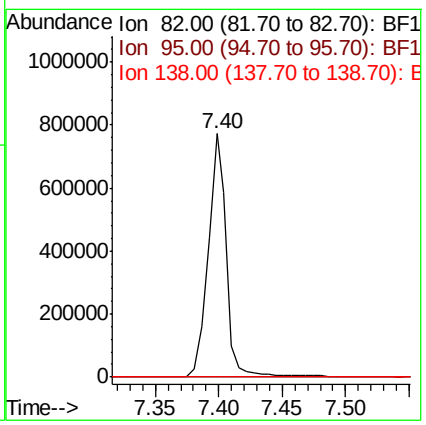


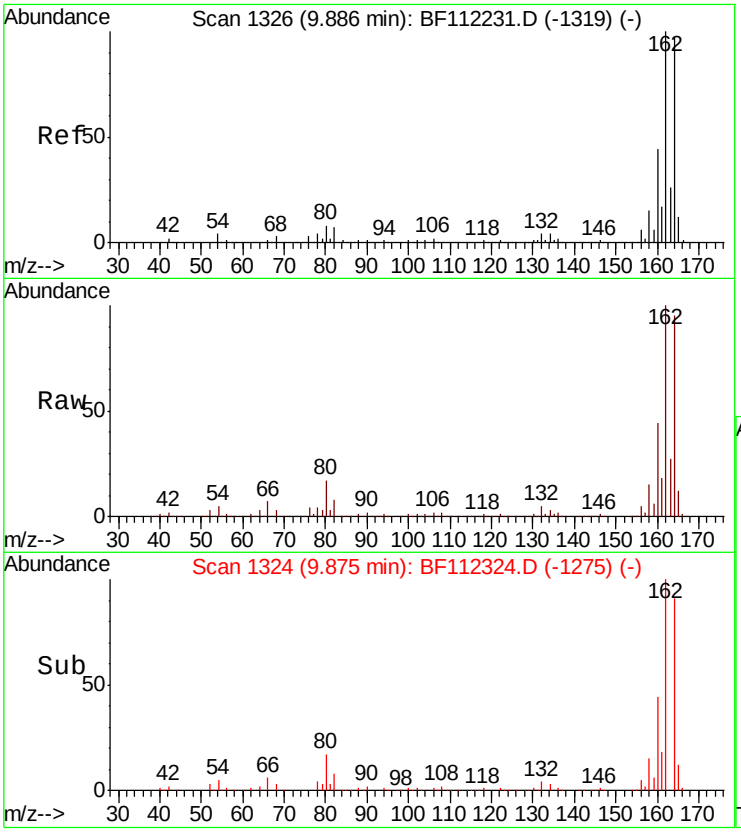


#25
Isophorone
Concen: 38.555 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Tgt Ion: 82 Resp: 771424

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#



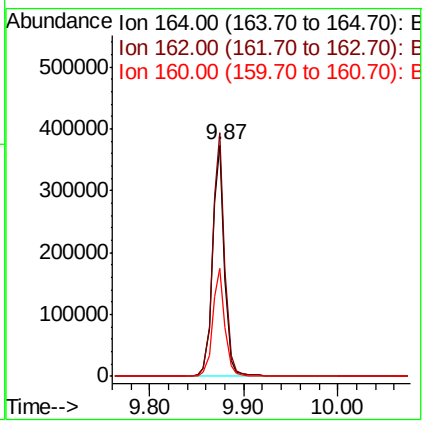


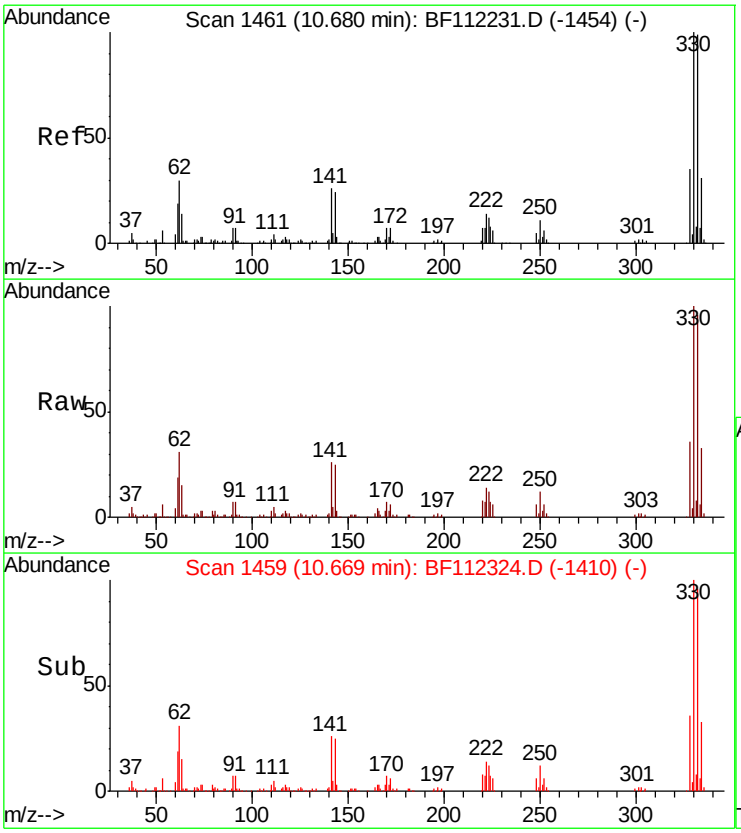
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:164 Resp: 338585

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.2	123.4
160	46.8	36.2	54.4

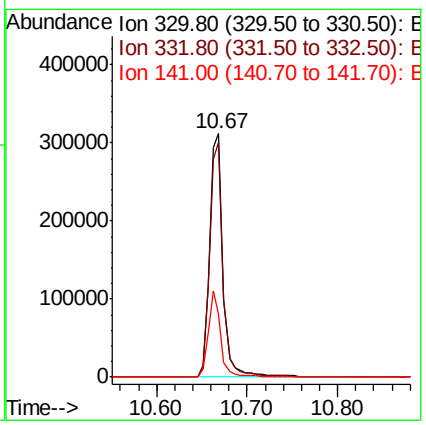


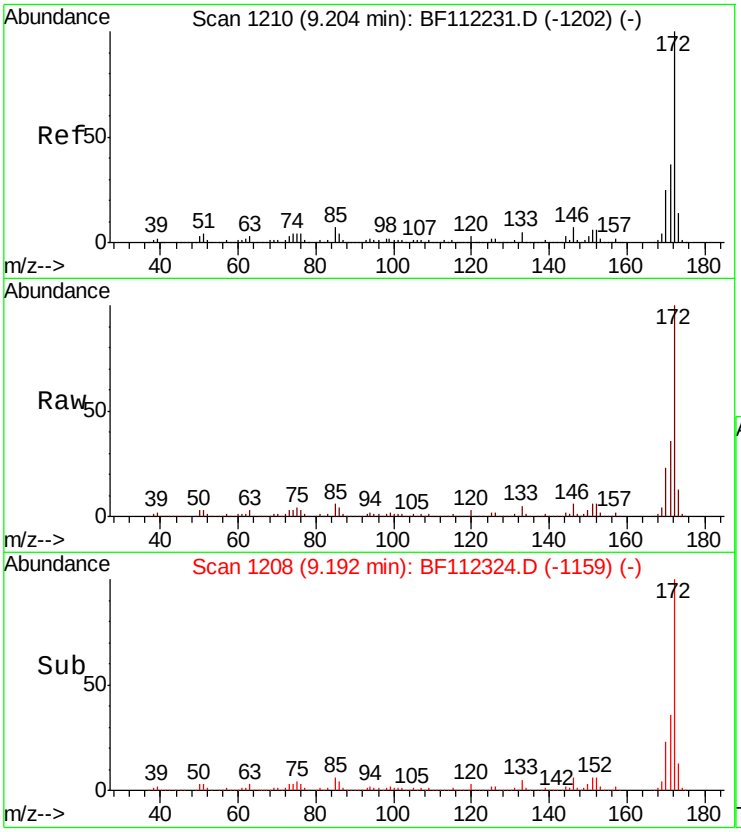


#42
2,4,6-Tribromophenol
Concen: 82.397 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Tgt Ion:330 Resp: 324728

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	33.3	24.3	36.5



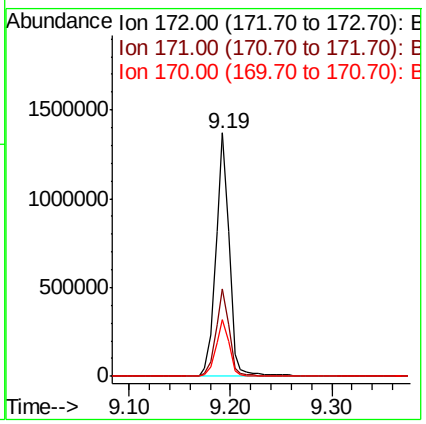


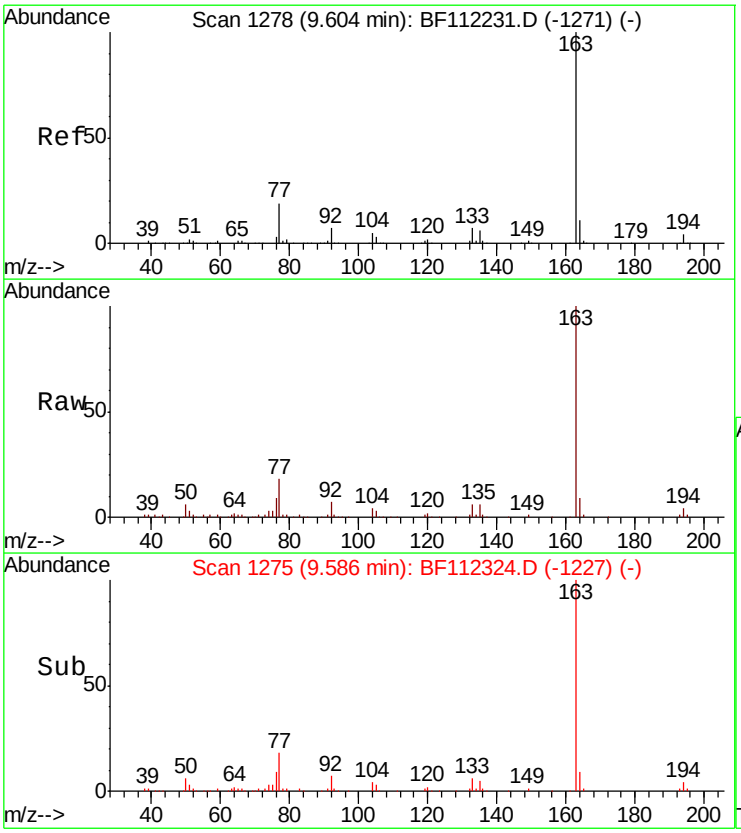
#45
2-Fluorobiphenyl
Concen: 52.690 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:172 Resp: 1261369

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.5	45.7
170	23.4	20.2	30.4

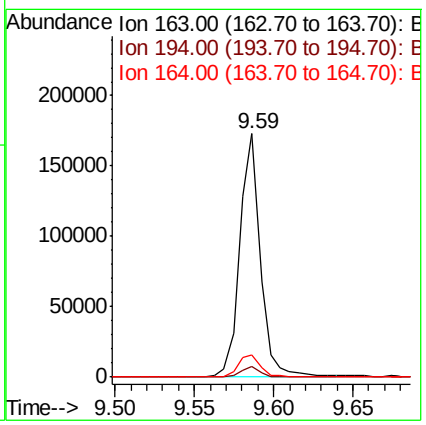


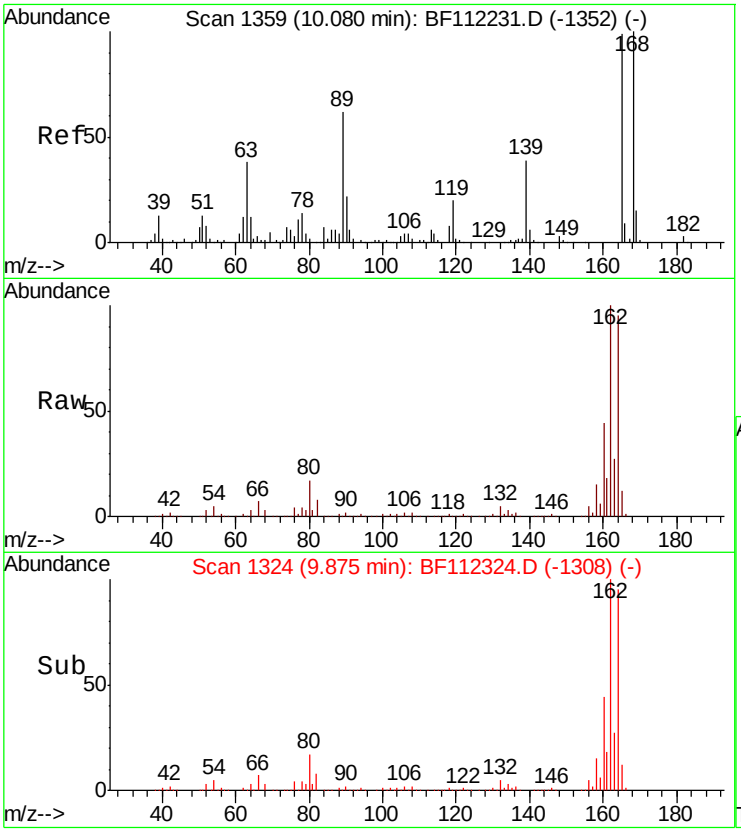


#50
Dimethylphthalate
Concen: 5.922 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Tgt Ion:163 Resp: 155788

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	9.2	8.5	12.7



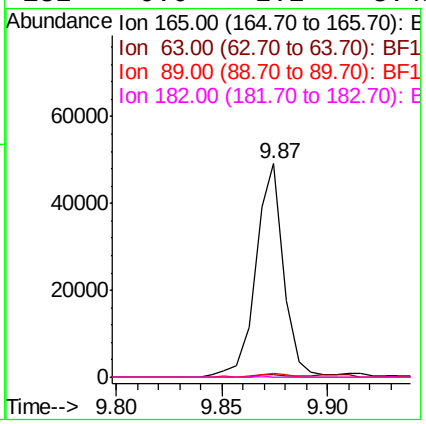


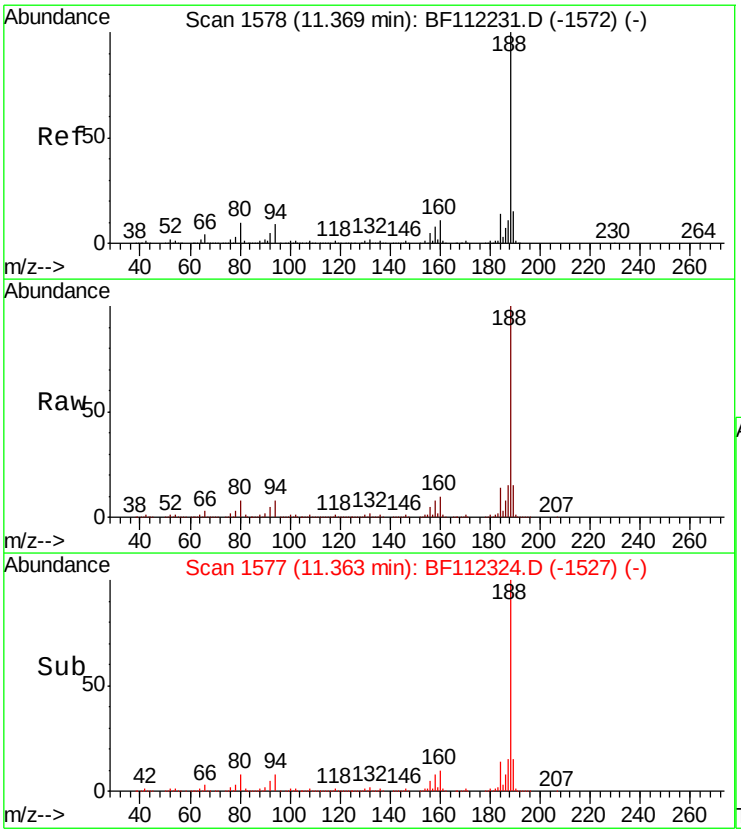
#57
2,4-Dinitrotoluene
Concen: 6.029 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:165 Resp: 45222

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.9	41.9#
89	2.1	47.9	71.9#
182	0.0	2.2	3.4#

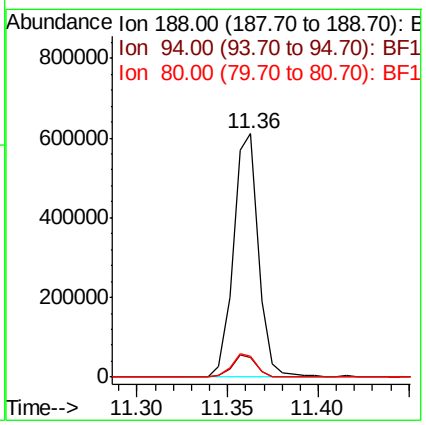


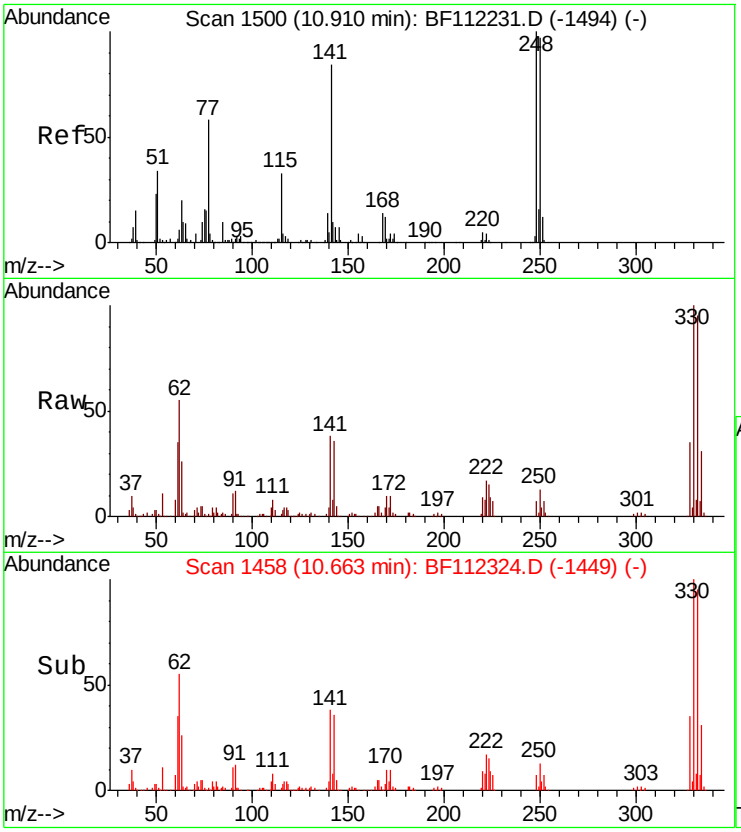


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Tgt Ion:188 Resp: 587168

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.2#
80	8.4	8.9	13.3#



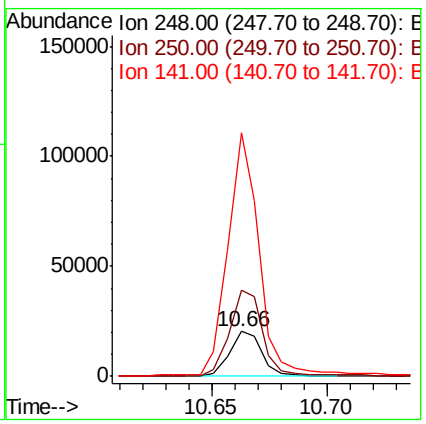


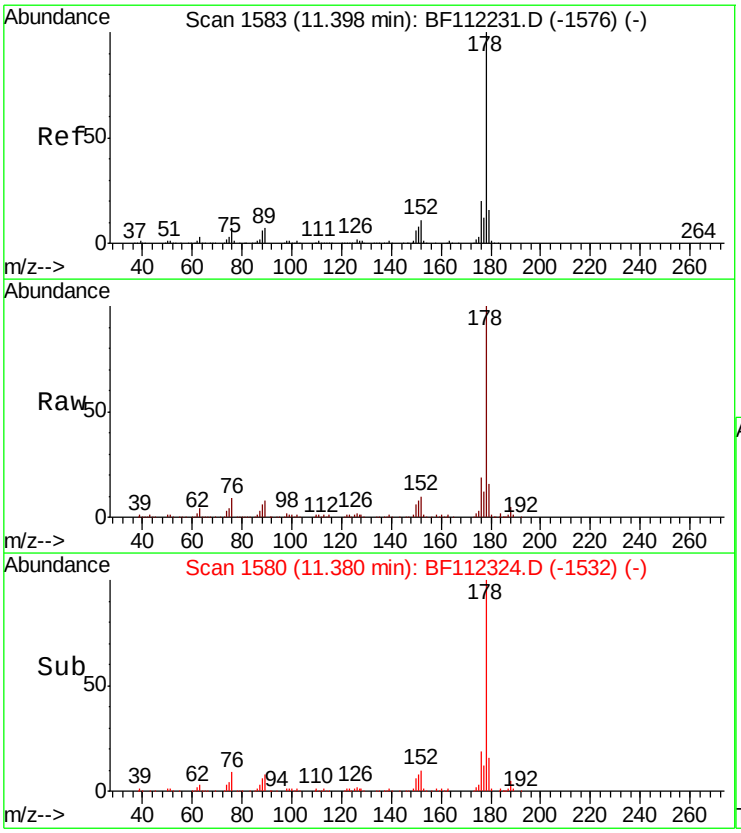
#67
4-Bromophenyl-phenylether
Concen: 2.846 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:248 Resp: 19655

Ion	Ratio	Lower	Upper
248	100		
250	193.0	79.7	119.5#
141	542.3	60.3	90.5#

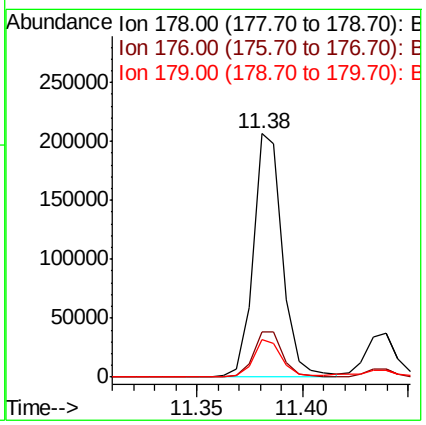


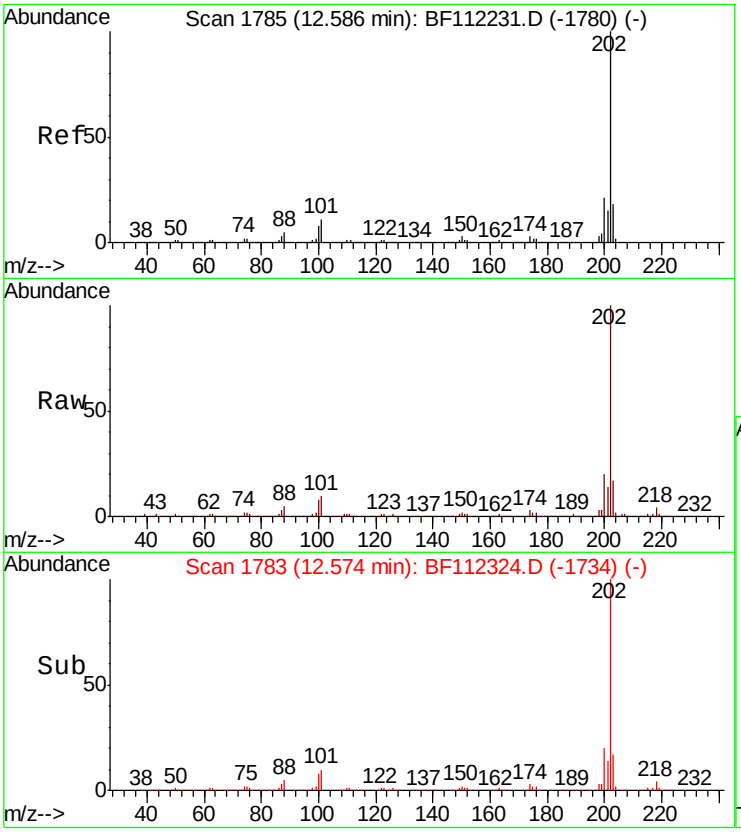


#71
Phenanthrene
Concen: 6.516 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Tgt Ion:178 Resp: 198922

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.3	24.5
179	15.5	13.0	19.4



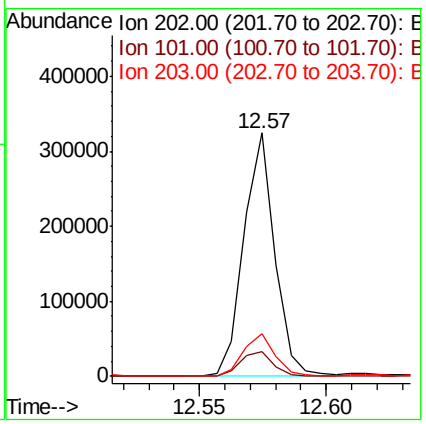


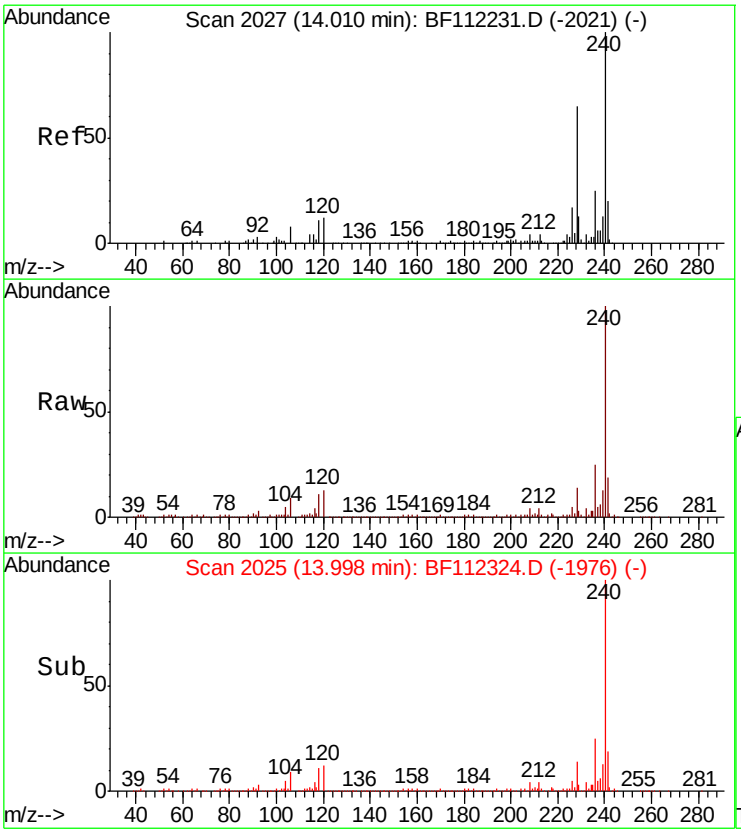
#75
Fluoranthene
Concen: 8.402 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:202 Resp: 275073

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.8
203	17.3	0.0	38.4

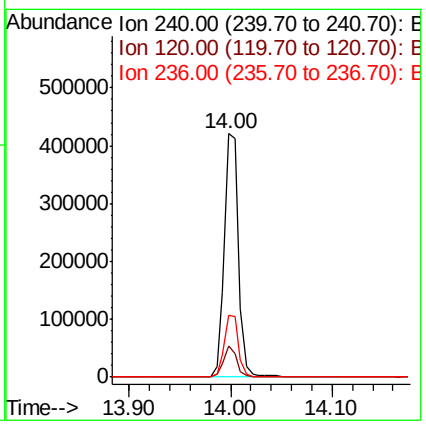


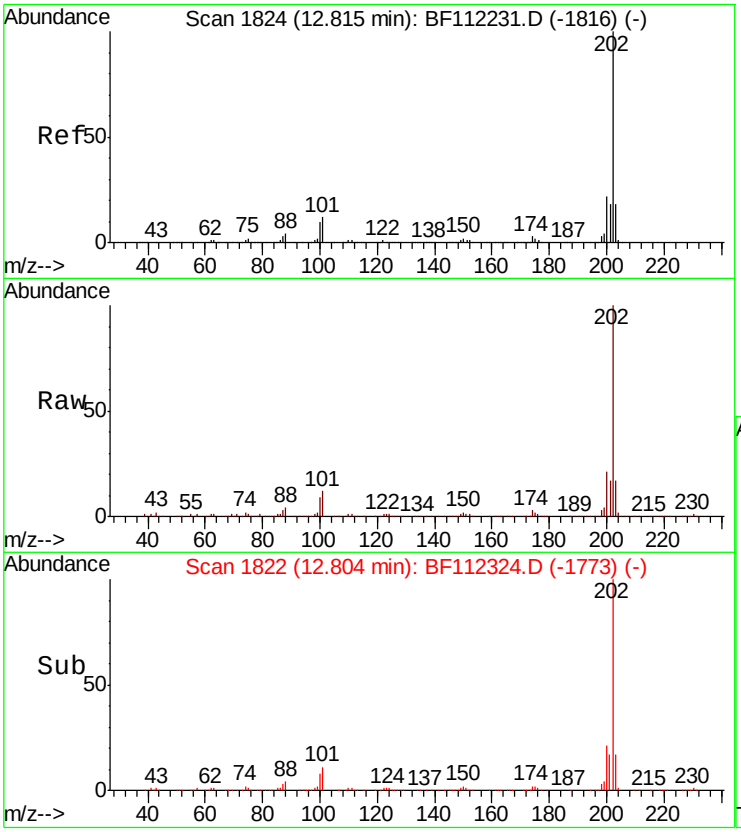


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Tgt Ion:240 Resp: 410169

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.0	13.6
236	25.4	20.7	31.1



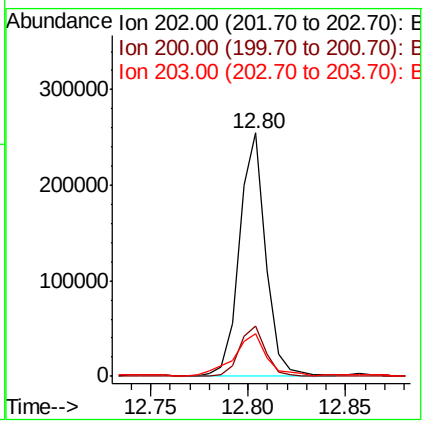


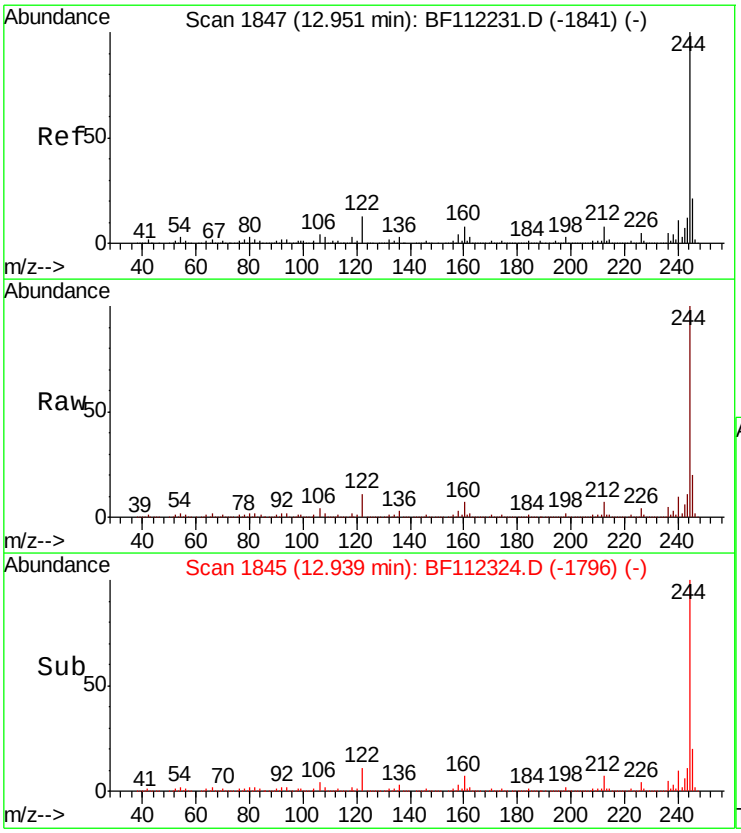
#78
Pyrene
Concen: 8.320 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:202 Resp: 236261

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.7	26.5
203	17.5	14.6	22.0

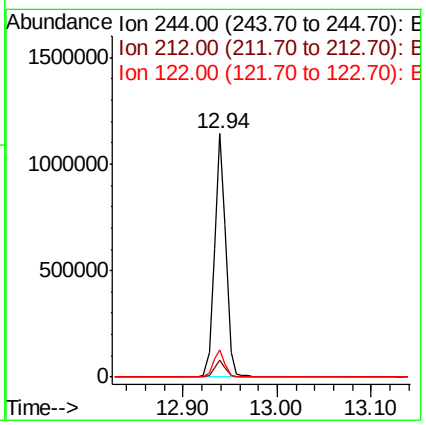


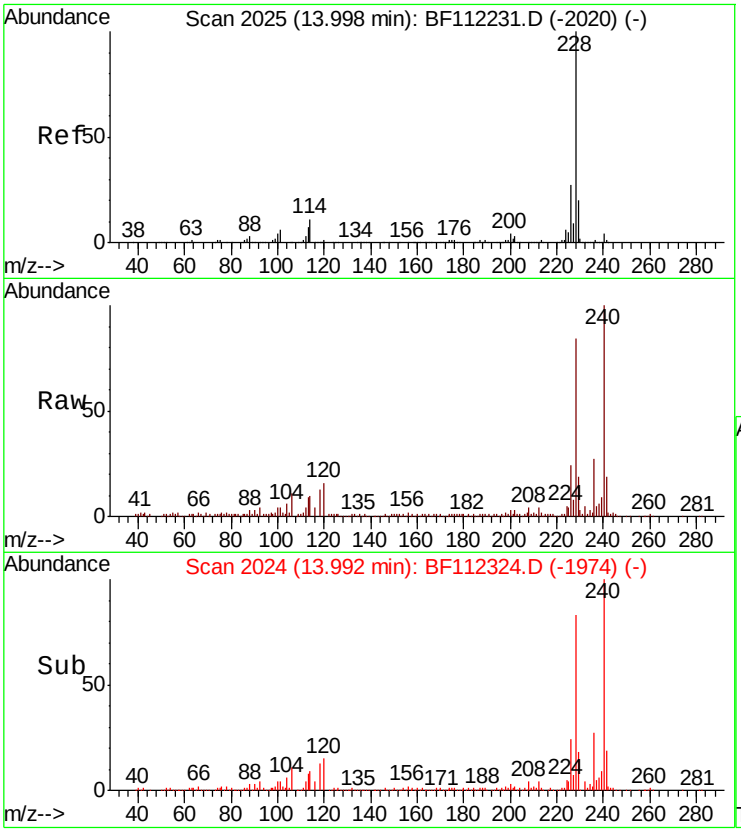


#79
Terphenyl-d14
Concen: 44.679 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Tgt Ion:244 Resp: 973001

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	11.0	9.8	14.6



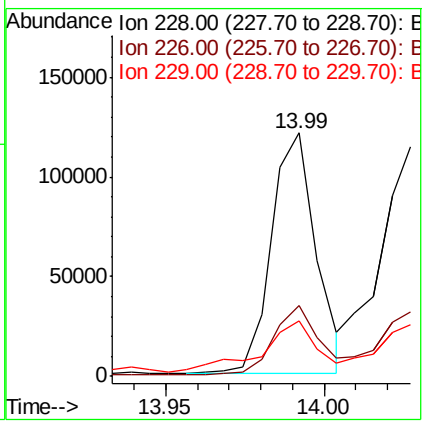


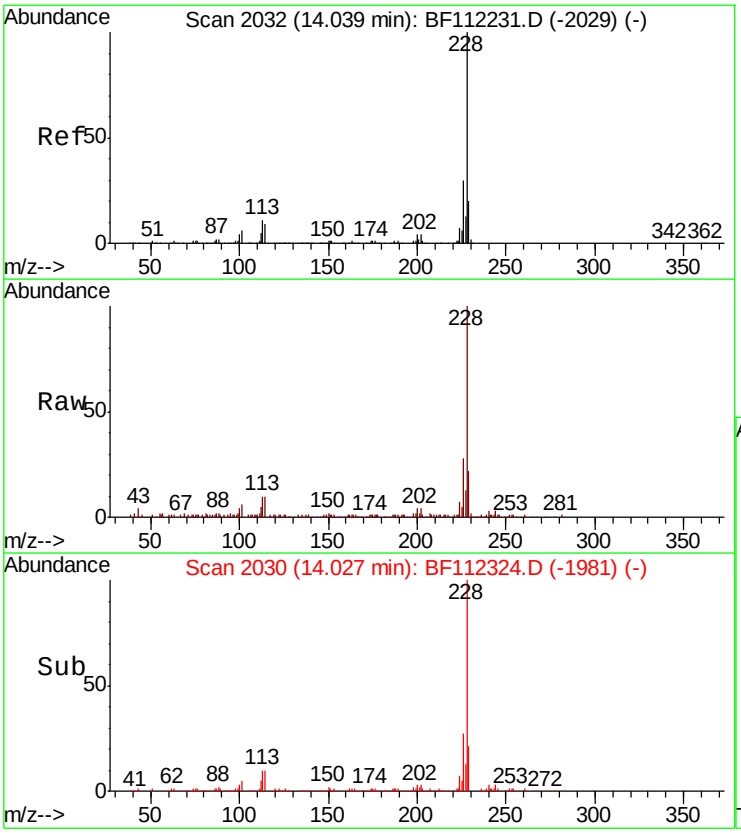
#81
Benzo(a)anthracene
Concen: 4.927 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:228 Resp: 118789

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	34.0
229	22.9	16.5	24.7

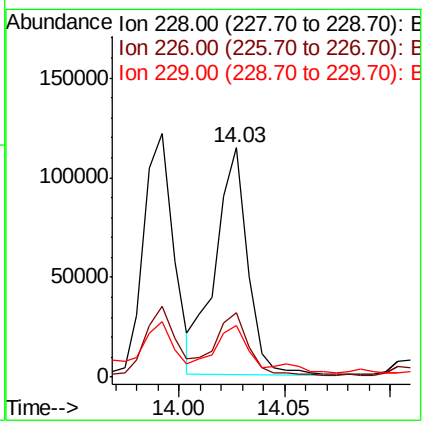


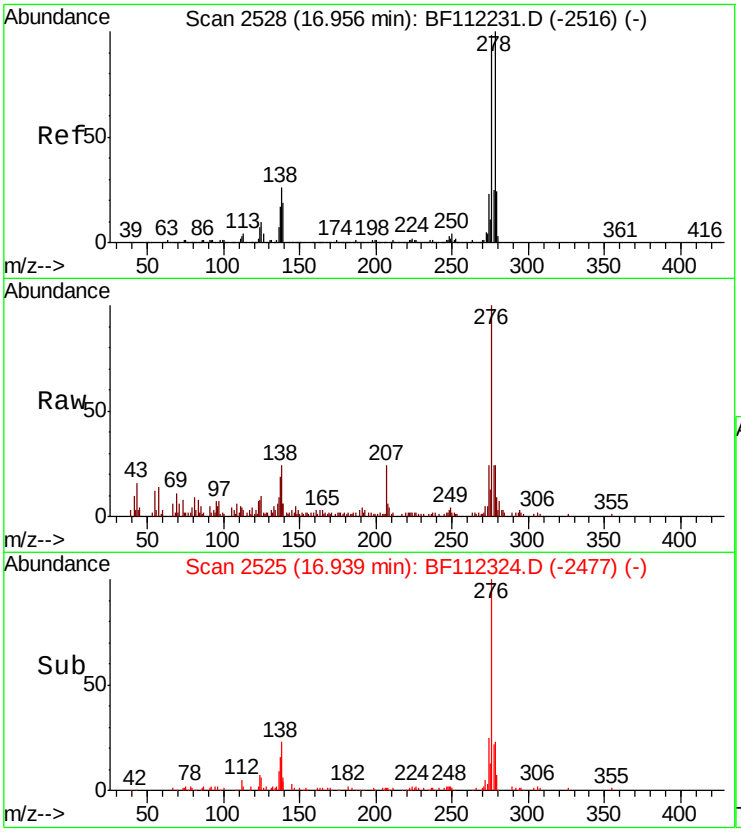


#83
Chrysene
Concen: 5.221 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Tgt Ion:228 Resp: 120172

Ion	Ratio	Lower	Upper
228	100		
226	27.9	25.0	37.6
229	22.4	16.6	24.8



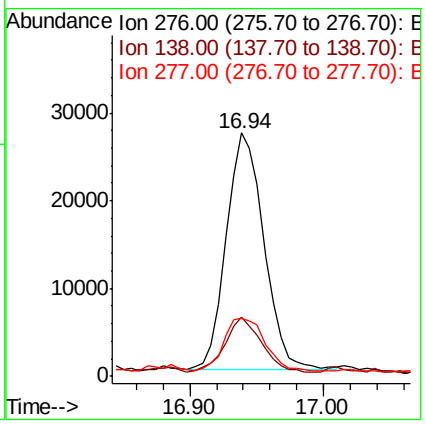


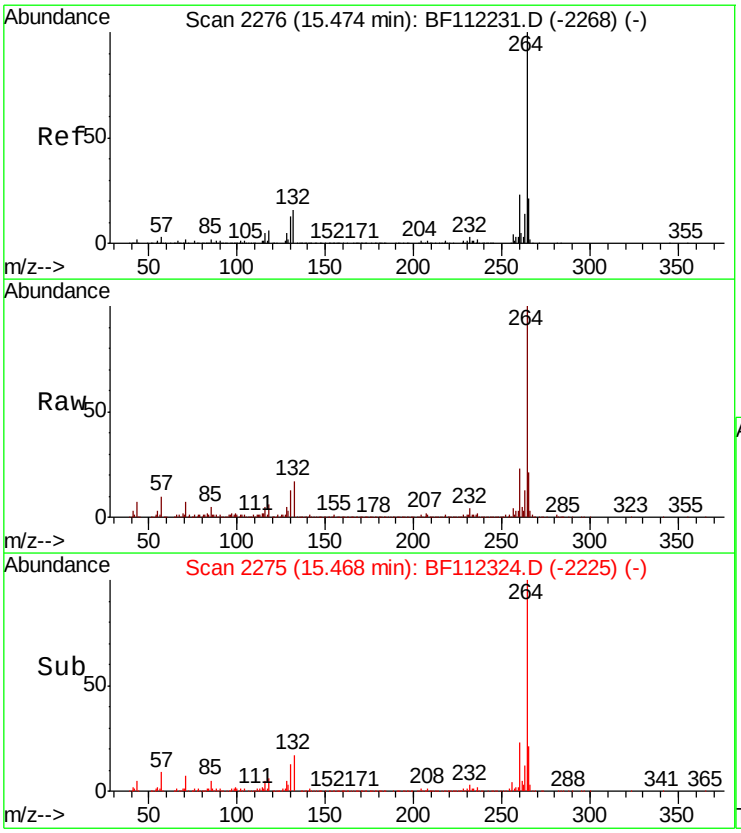
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.898 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:276 Resp: 52860

Ion	Ratio	Lower	Upper
276	100		
138	22.7	22.6	34.0
277	24.7	20.3	30.5

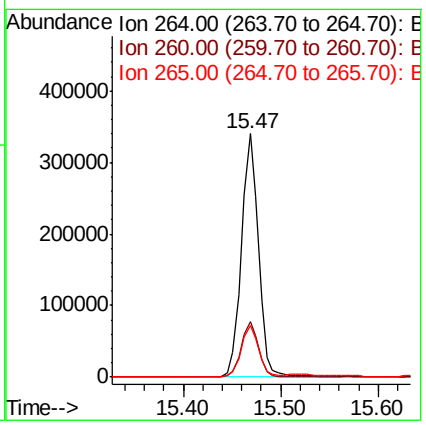


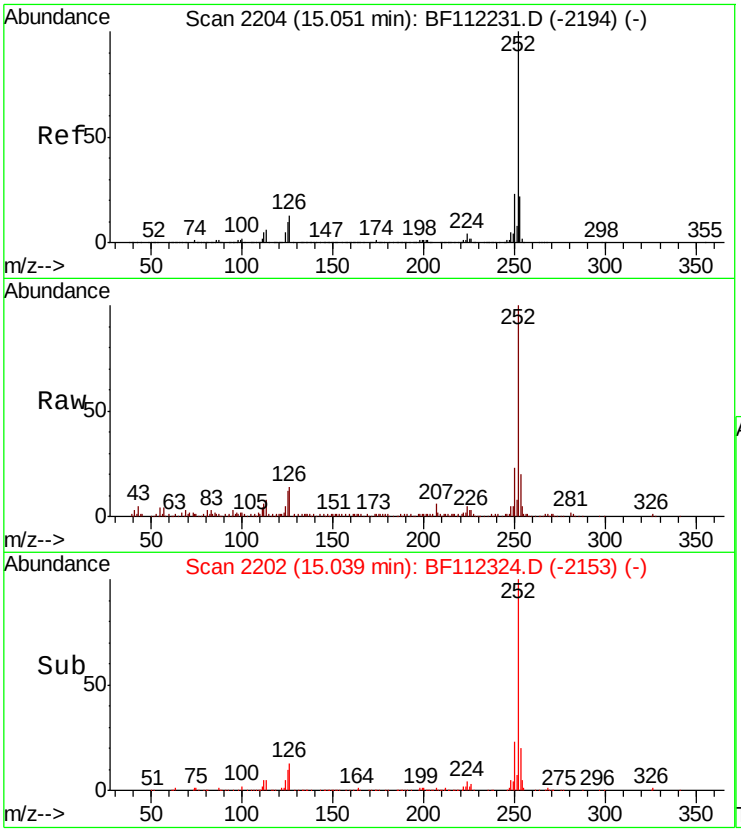


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Tgt Ion:264 Resp: 414417

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	21.5	17.0	25.4



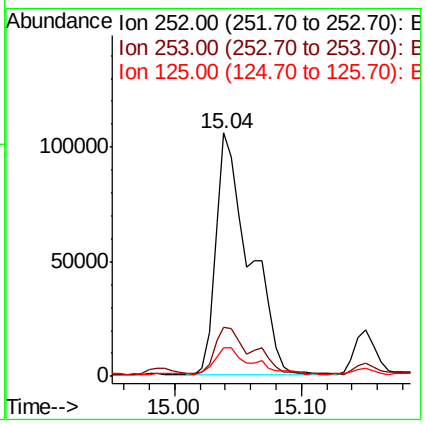


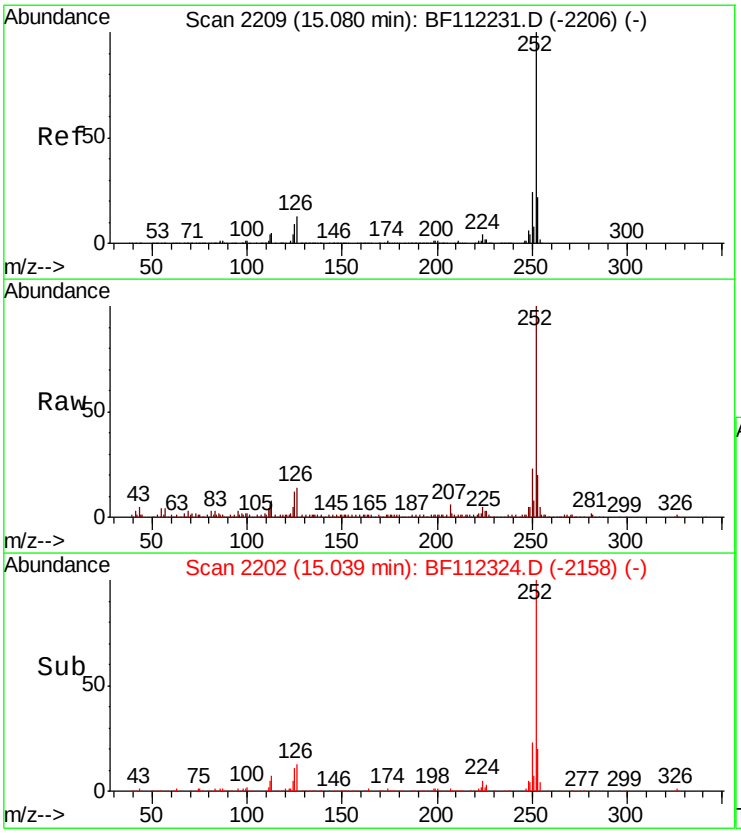
#88
Benzo(b)fluoranthene
Concen: 7.920 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:252 Resp: 196294

Ion	Ratio	Lower	Upper
252	100		
253	20.3	18.0	27.0
125	11.6	8.7	13.1

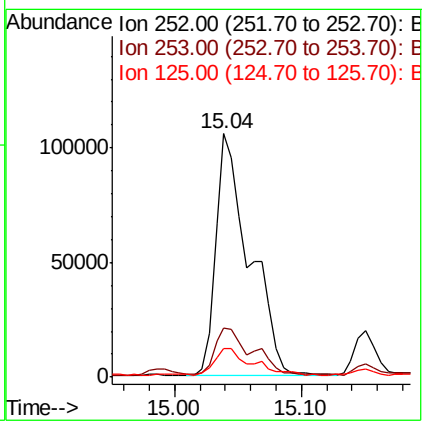


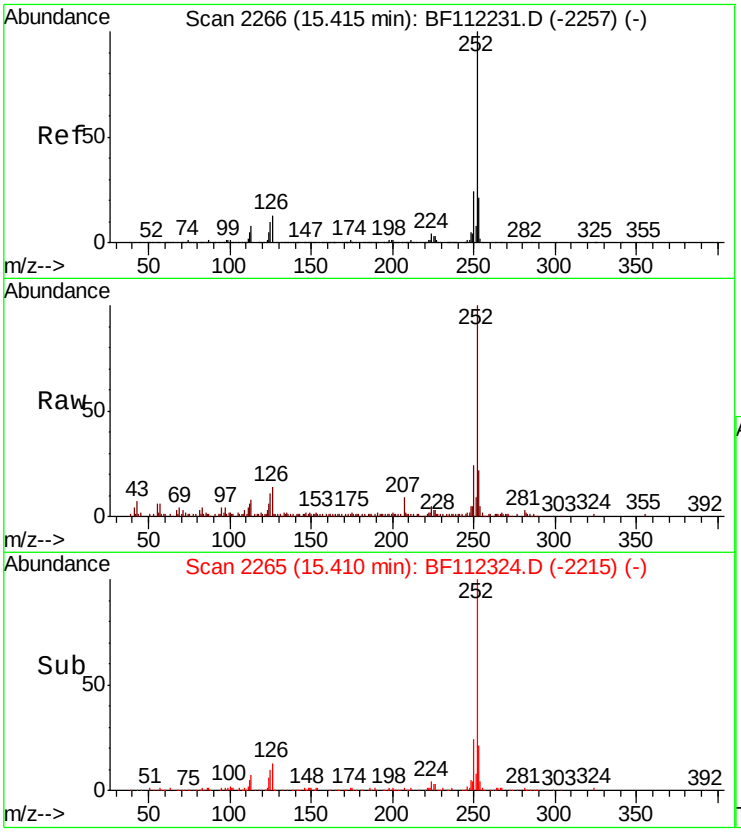


#89
Benzo(k)fluoranthene
Concen: 8.269 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Tgt Ion:252 Resp: 196294

Ion	Ratio	Lower	Upper
252	100		
253	20.3	18.0	27.0
125	11.6	9.1	13.7



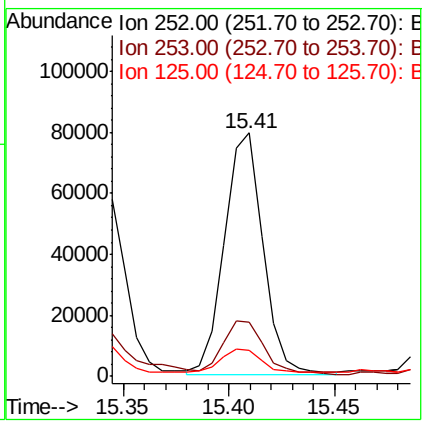


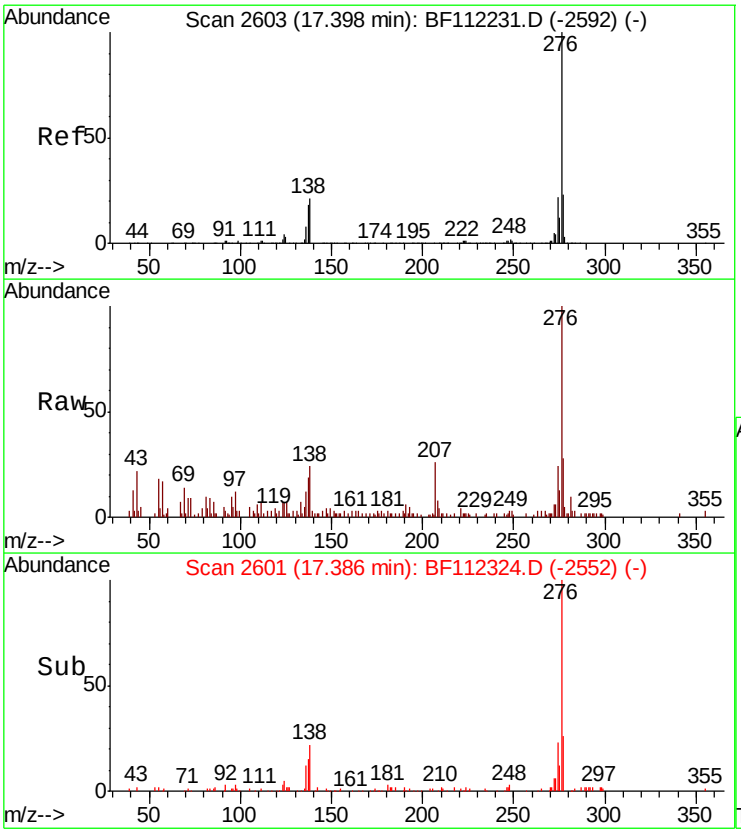
#90
Benzo(a)pyrene
Concen: 4.515 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:252 Resp: 100697

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.8	9.0	13.4





#92
Benzo(g,h,i)perylene
Concen: 2.961 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BF112324.D
Acq: 30 Jan 2019 16:23

Tgt Ion:276 Resp: 50203

Ion	Ratio	Lower	Upper
276	100		
277	28.2	19.4	29.0
138	24.3	19.1	28.7