Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
Data File : BF112358.D
Acq On : 1 Feb 2019 18:18
Operator : JU/SJ
Sample : K1297-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C17-SS2

Quant Time: Feb 01 23:20:58 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	166029	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	601164	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	262908	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	412025	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	360325	20.00	ng		-0.01
87) Perylene-d12	15.47	264	375392	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	932395	119.28	ng		0.00
7) Phenol-d6	6.49	99	1127333	103.79	ng		0.00
23) Nitrobenzene-d5	7.40	82	725352	69.52	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	276911	90.49	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1164895	62.67	ng		-0.01
79) Terphenyl-d14	12.94	244	812290	42.46	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.50	94	25377	2.130	ng		83
19) n-Nitroso-di-n-propylamine	7.40	70	97804	13.059	ng	#	78
25) Isophorone	7.40	82	725348	44.316	ng	#	63
50) Dimethylphthalate	9.58	163	96673	4.733	ng		98
53) 3-Nitroaniline	9.84	138	16110	3.250	ng	#	14
57) 2,4-Dinitrotoluene	9.87	165	32977	5.662	ng	#	33
67) 4-Bromophenyl-phenylether	10.66	248	15856	3.272	ng	#	1
71) Phenanthrene	11.38	178	84077	3.925	ng		98
75) Fluoranthene	12.57	202	132495	5.767	ng		96
78) Pyrene	12.80	202	112800	4.522	ng		99
81) Benzo(a)anthracene	13.99	228	67327	3.179	ng		98
83) Chrysene	14.03	228	67426	3.335	ng		96
88) Benzo(b)fluoranthene	15.04	252	124771	5.558	ng		97
89) Benzo(k)fluoranthene	15.04	252	124771	5.802	ng		97
90) Benzo(a)pyrene	15.40	252	62113	3.075	ng	#	94
92) Benzo(g,h,i)perylene	17.39	276	32640	2.125	ng		94

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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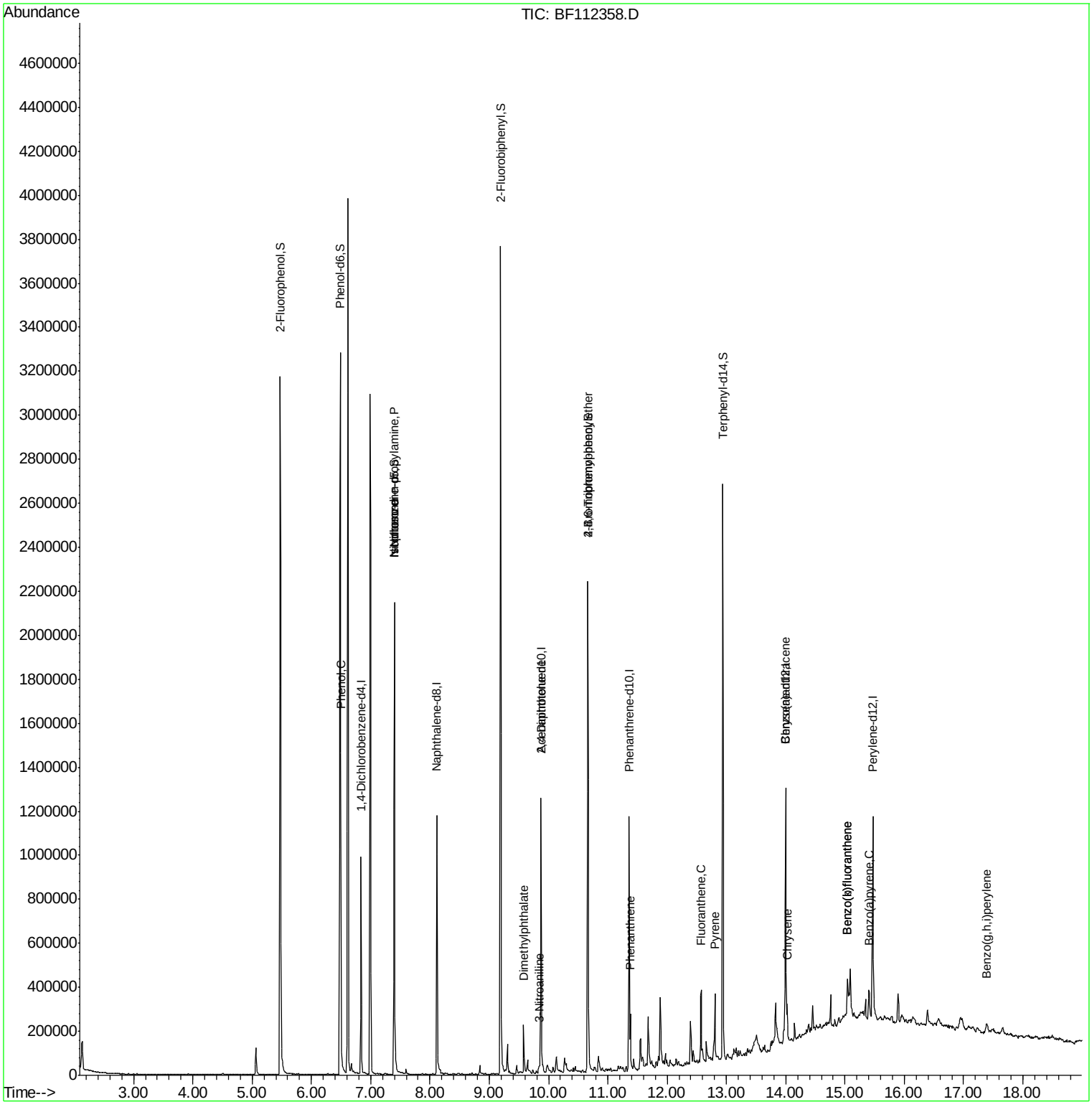
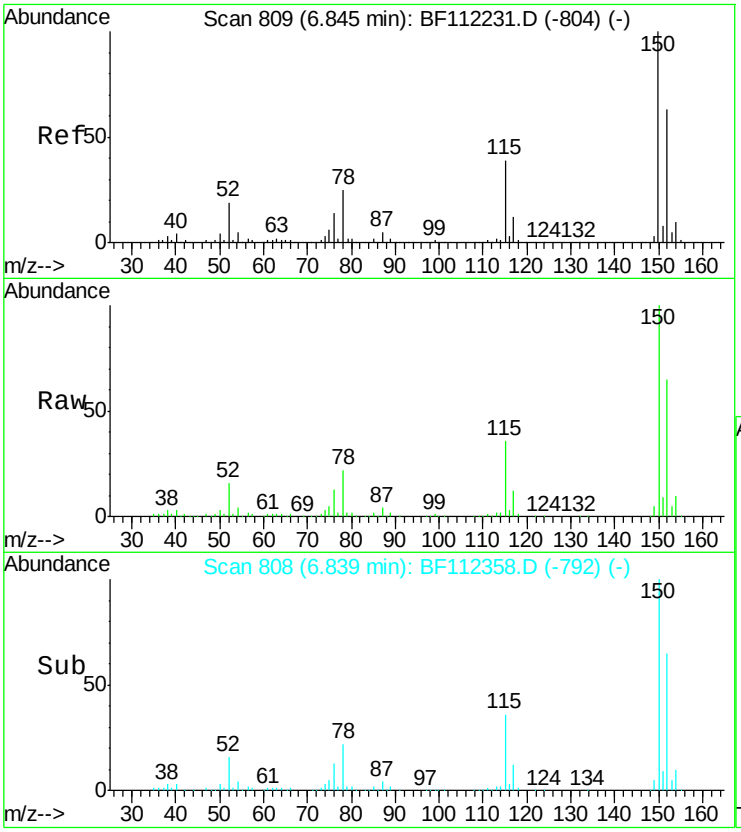


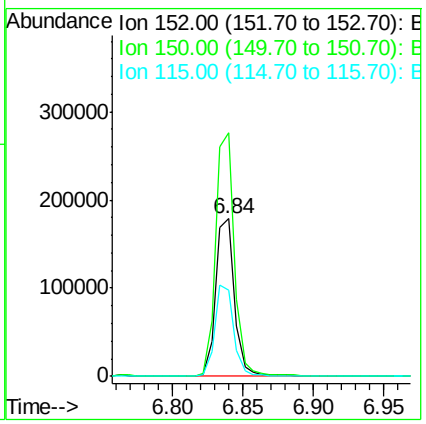


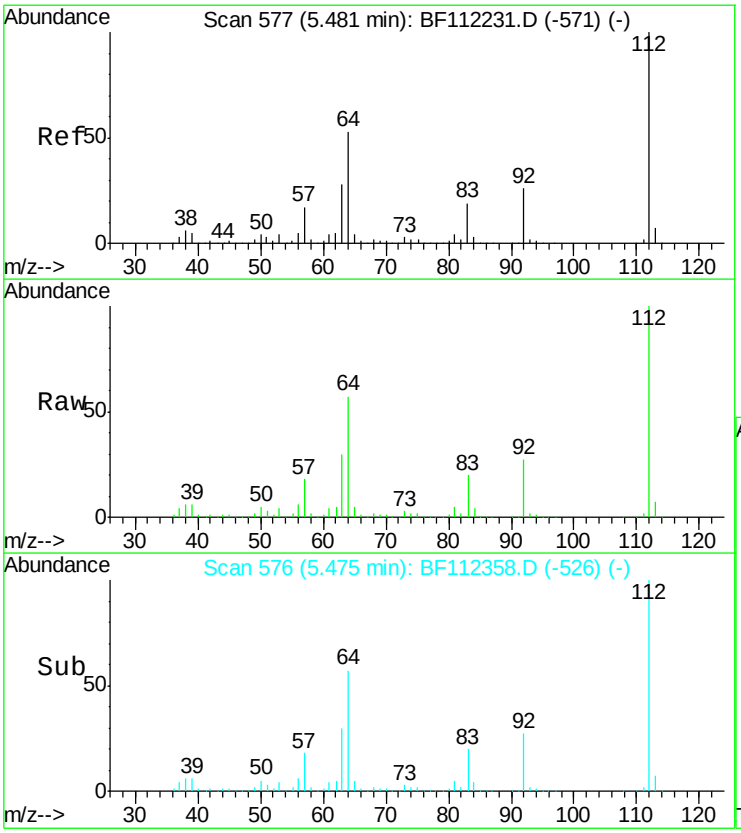
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tgt Ion:152 Resp: 166029

Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.4	191.0
115	55.0	45.5	68.3

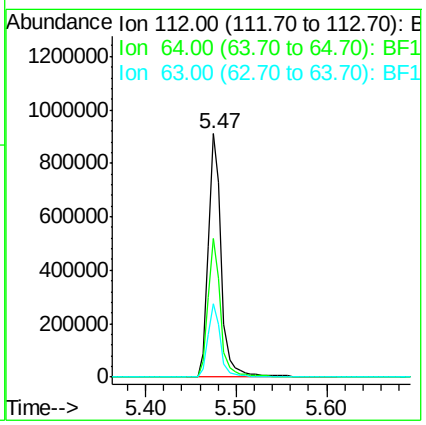


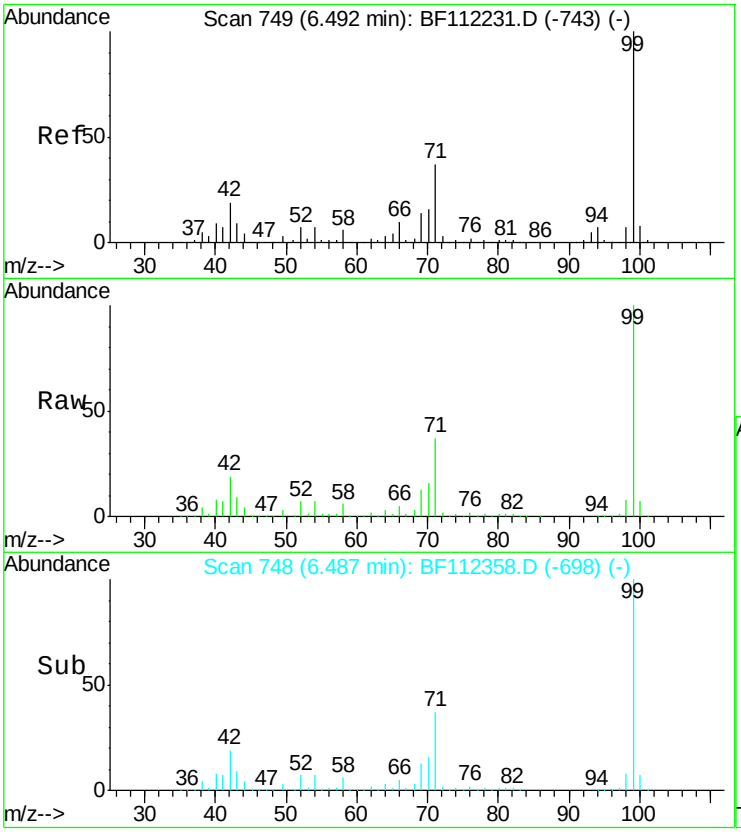


#5
2-Fluorophenol
Concen: 119.284 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion:112 Resp: 932395

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.7	68.5
63	30.2	23.6	35.4



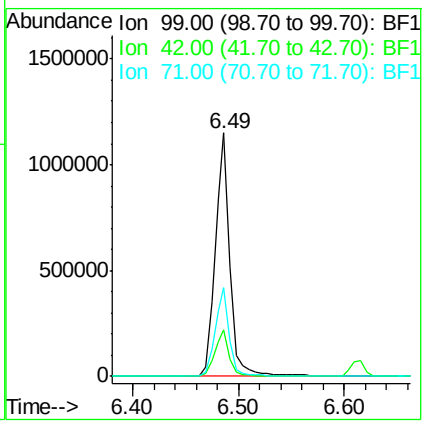


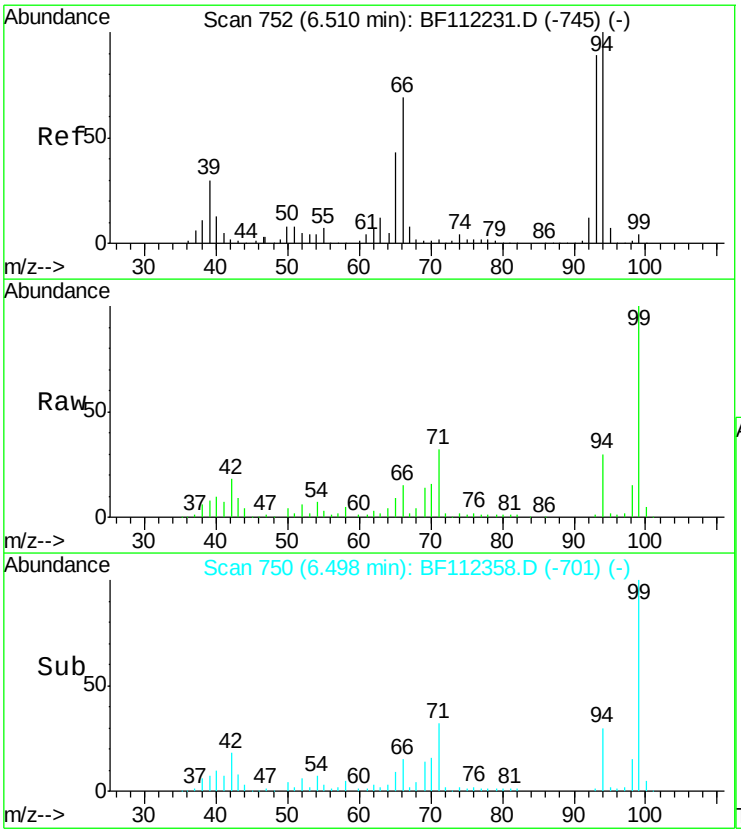
#7
Phenol-d6
Concen: 103.791 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tgt Ion: 99 Resp: 1127333

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.1	22.7
71	36.6	26.9	40.3

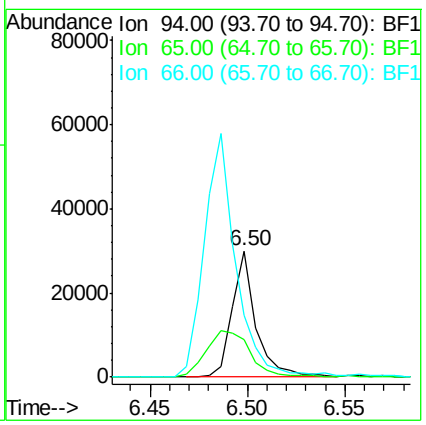


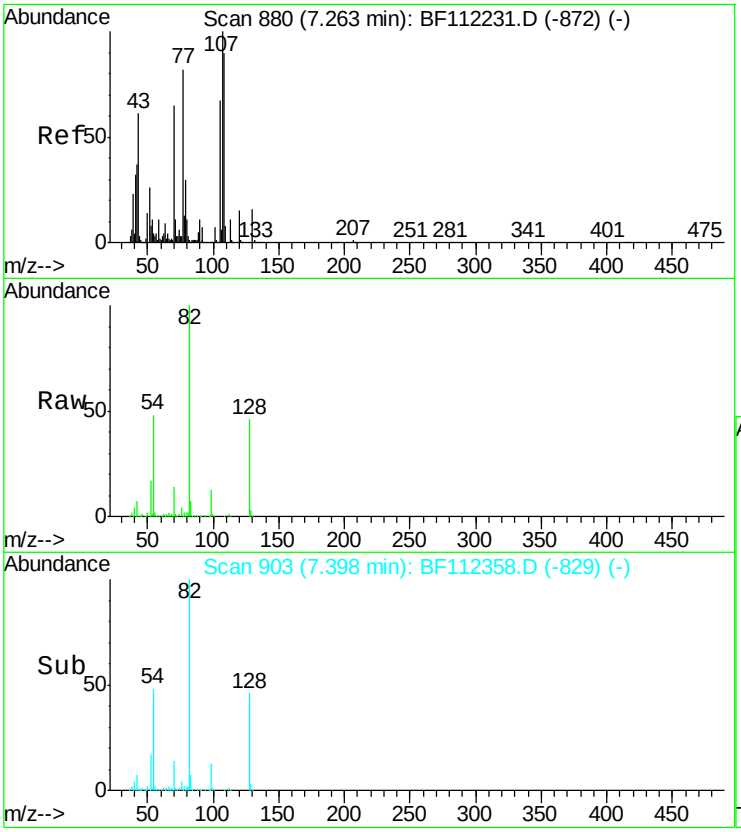


#10
Phenol
Concen: 2.130 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion: 94 Resp: 25377

Ion	Ratio	Lower	Upper
94	100		
65	30.0	20.3	60.3
66	49.1	42.4	82.4



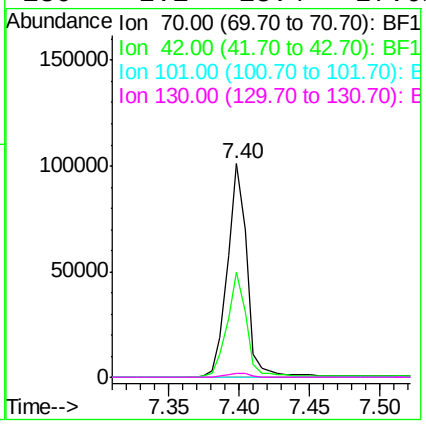


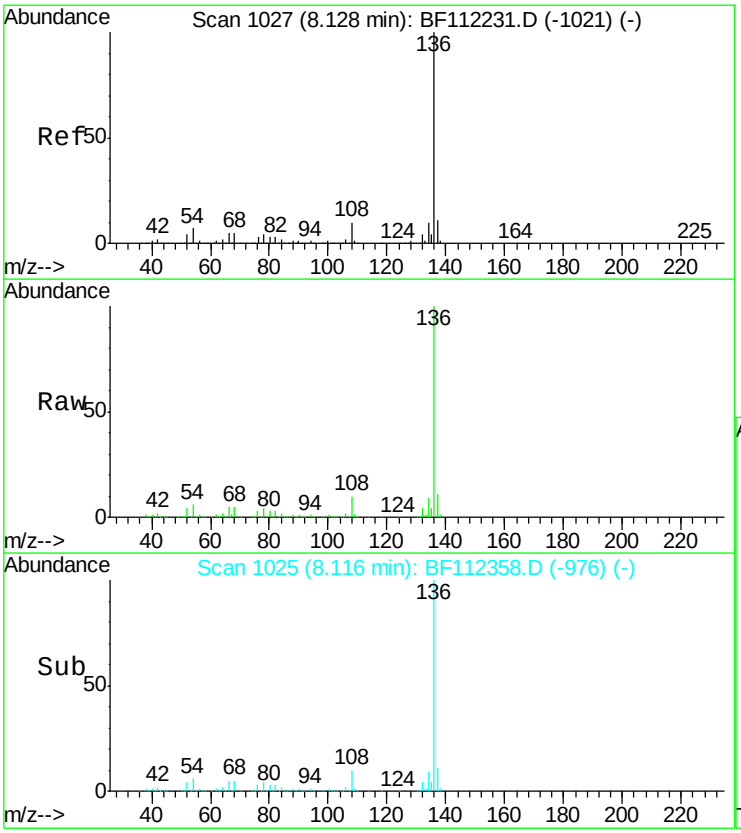
#19
n-Nitroso-di-n-propylamine
Concen: 13.059 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tgt Ion: 70 Resp: 97804

Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.6	71.4
101	0.0	7.9	11.9#
130	2.1	18.4	27.6#

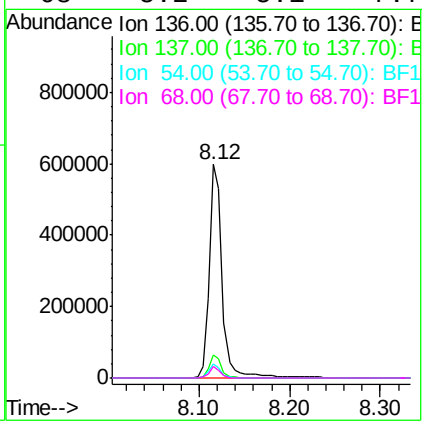


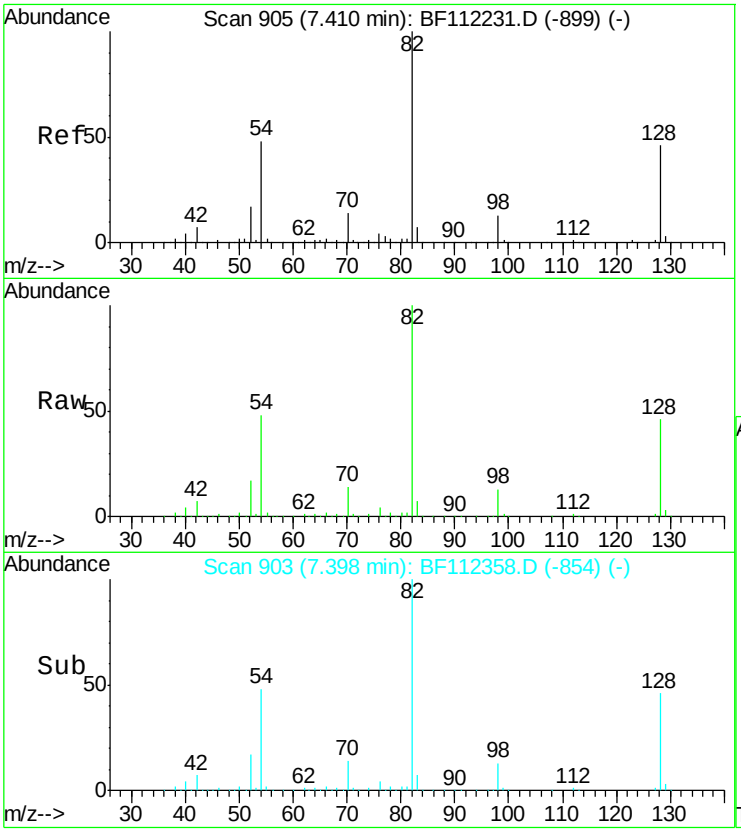


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion:136 Resp: 601164

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.4	5.9	8.9
68	5.2	5.1	7.7



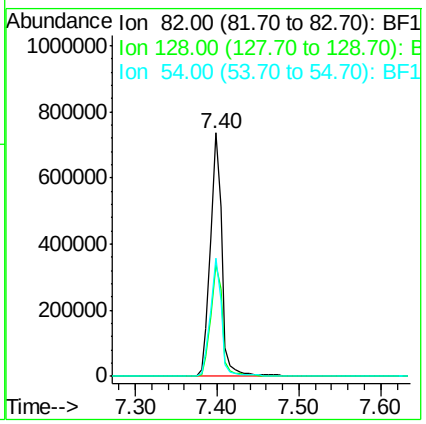


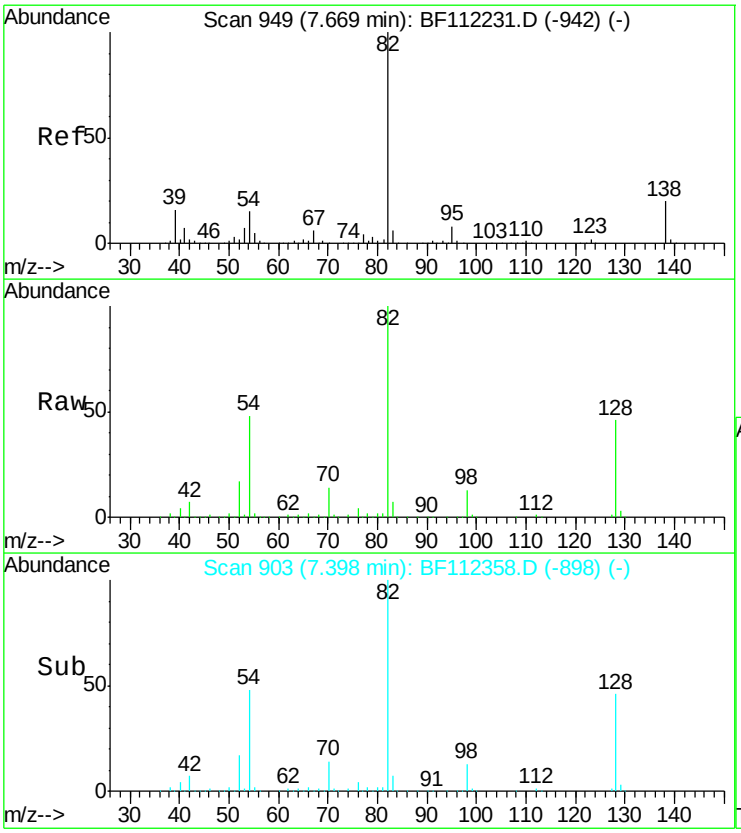
#23
Nitrobenzene-d5
Concen: 69.523 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tgt Ion: 82 Resp: 725352

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.8	56.8
54	48.4	39.7	59.5

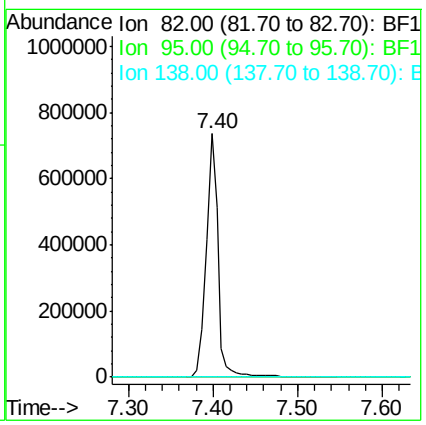


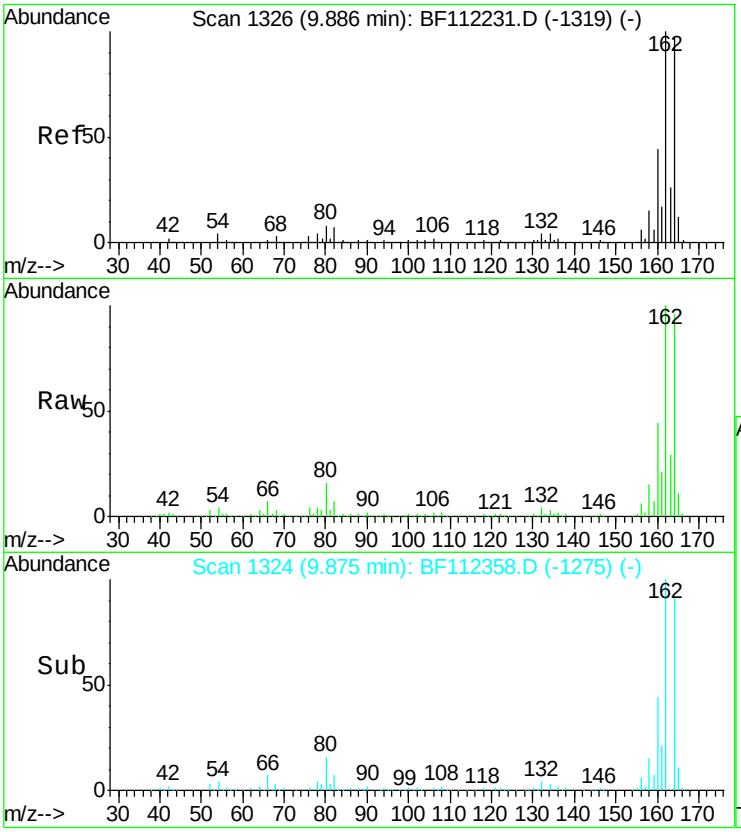


#25
Isophorone
Concen: 44.316 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion: 82 Resp: 725348

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



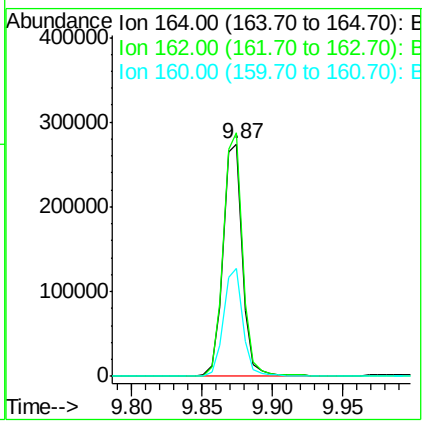


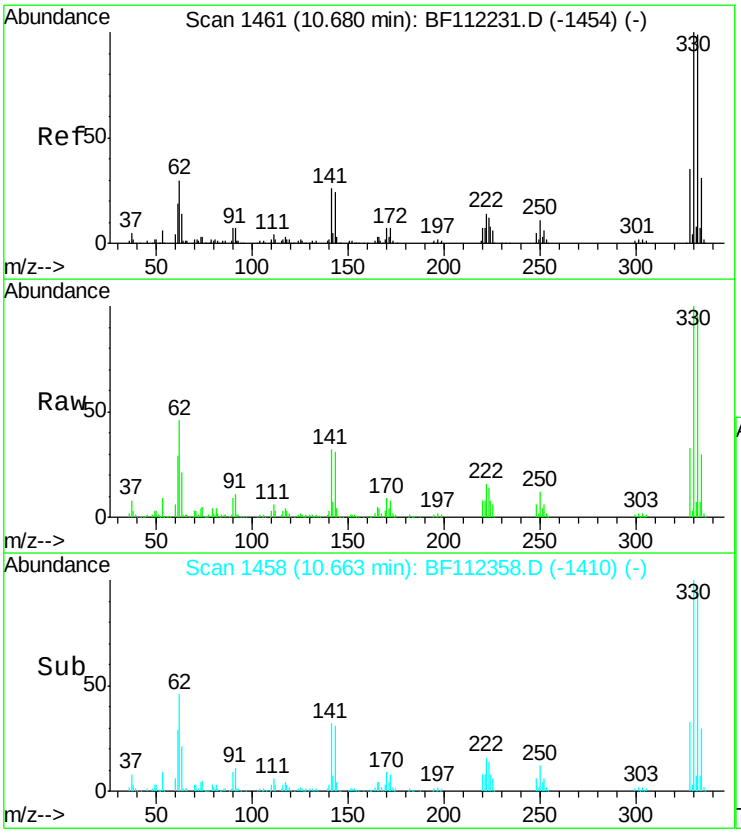
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tgt Ion:164 Resp: 262908

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.2	123.4
160	46.2	36.2	54.4

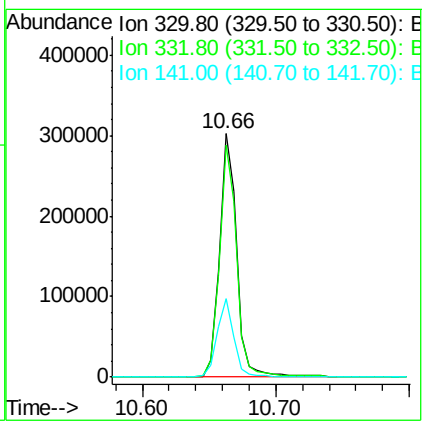


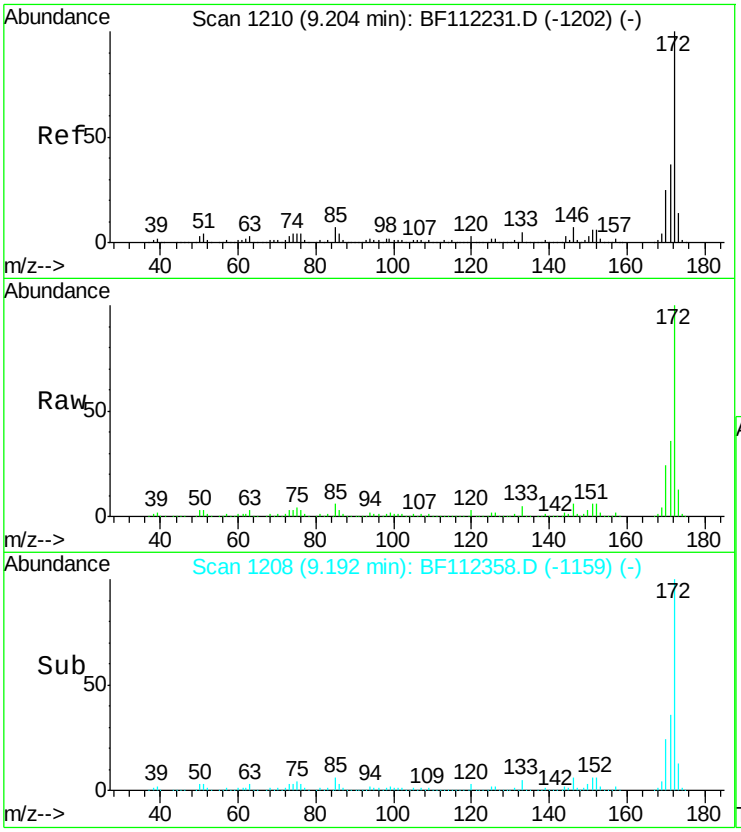


#42
2,4,6-Tribromophenol
Concen: 90.489 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion:330 Resp: 276911

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	31.9	24.3	36.5



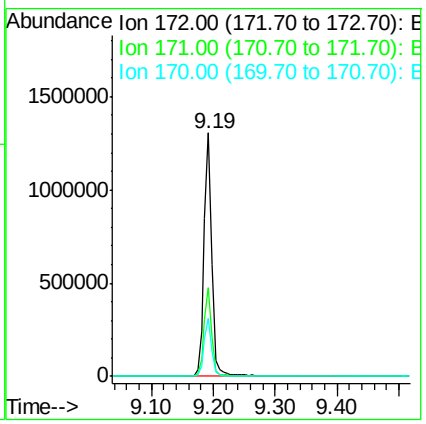


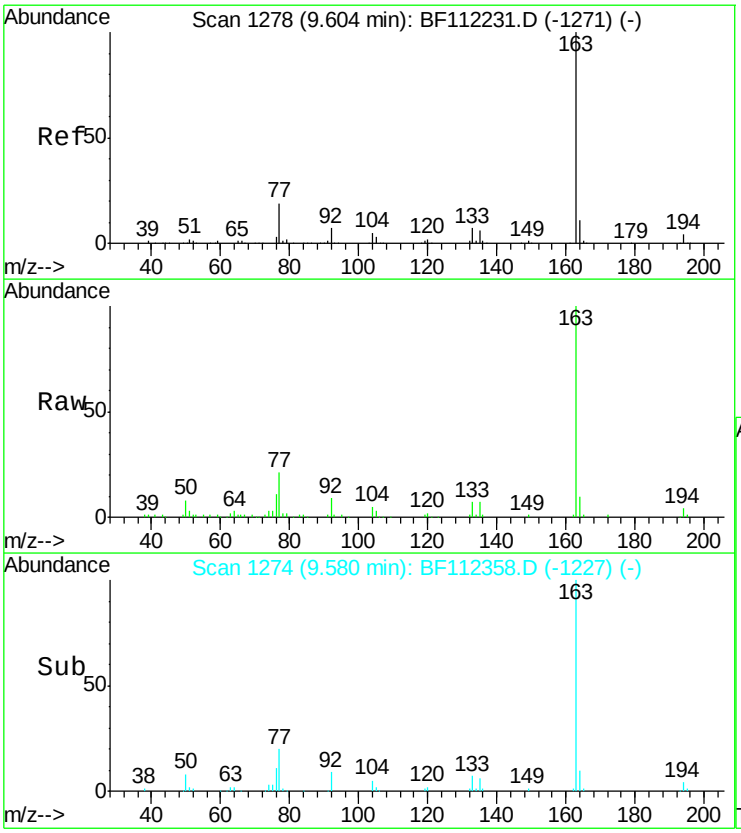
#45
2-Fluorobiphenyl
Concen: 62.667 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tgt Ion:172 Resp: 1164895

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	23.6	20.2	30.4

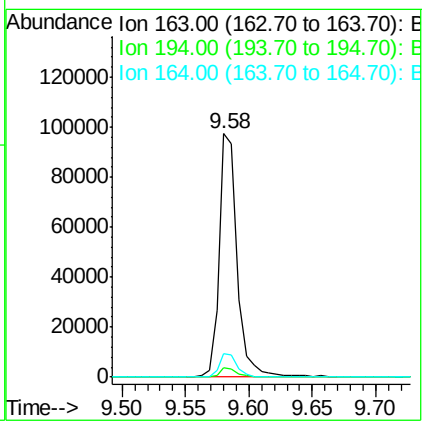


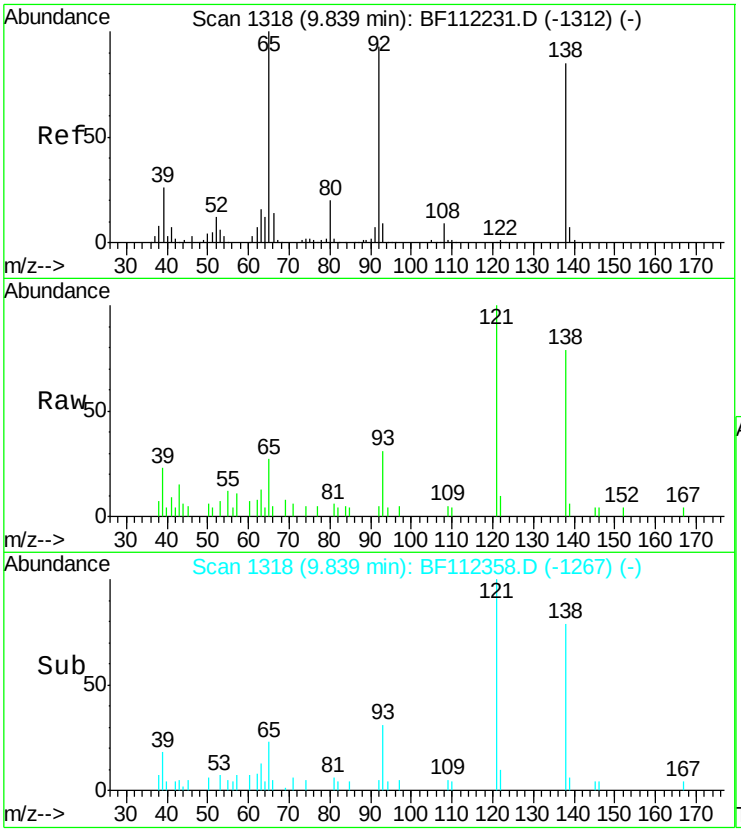


#50
Dimethylphthalate
Concen: 4.733 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion:163 Resp: 96673

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.5	8.5	12.7



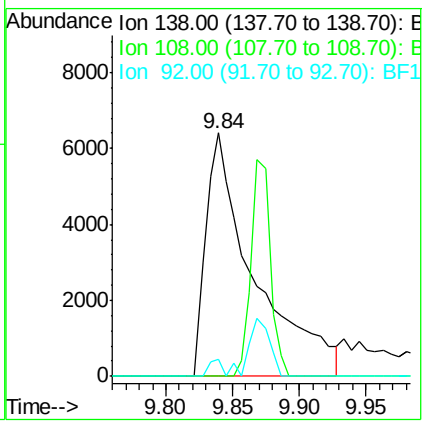


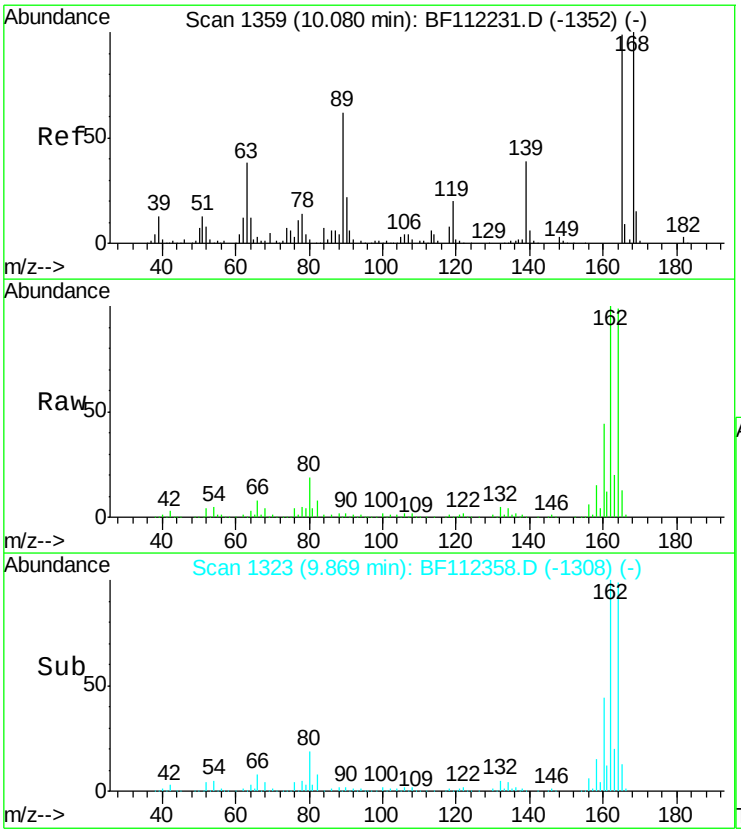
#53
3-Nitroaniline
Concen: 3.250 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tgt Ion:138 Resp: 16110

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.8	14.6#
92	6.8	79.4	119.2#

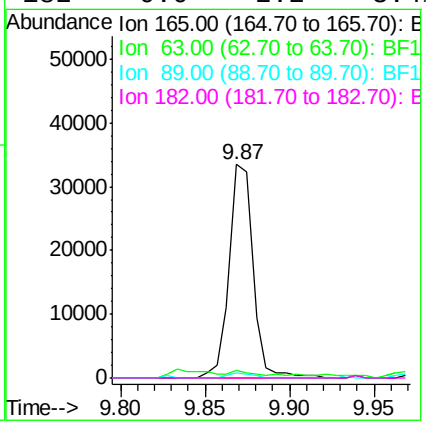


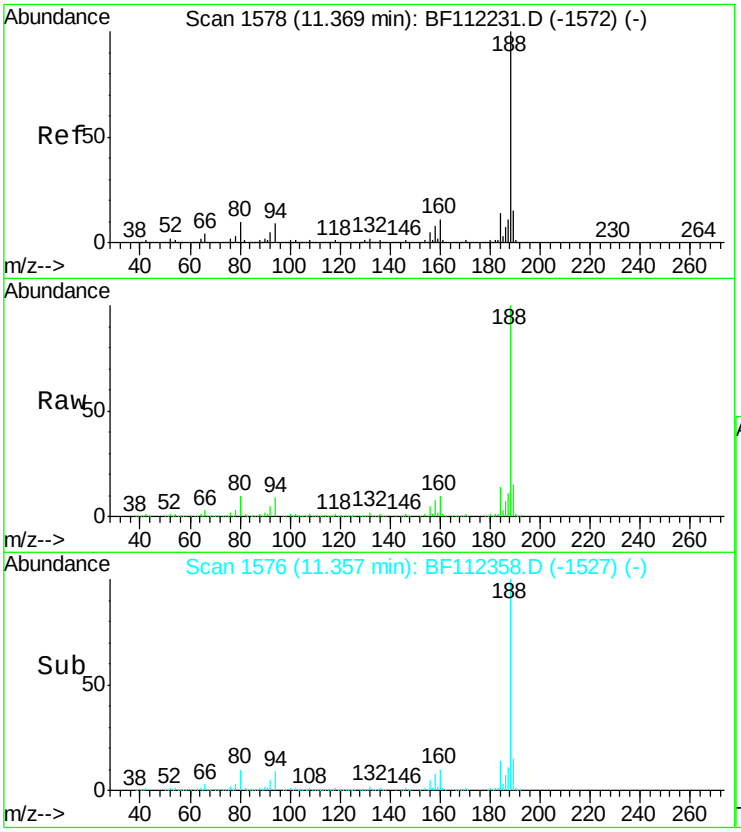


#57
2,4-Dinitrotoluene
Concen: 5.662 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion:165 Resp: 32977

Ion	Ratio	Lower	Upper
165	100		
63	3.5	27.9	41.9#
89	2.1	47.9	71.9#
182	0.0	2.2	3.4#



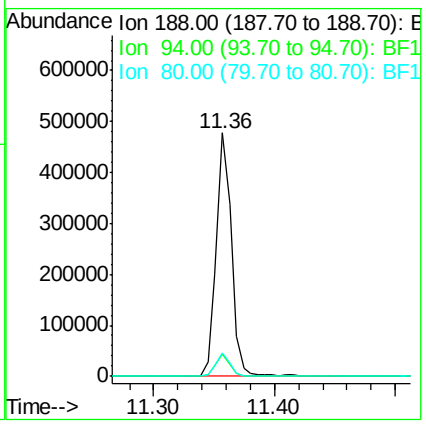


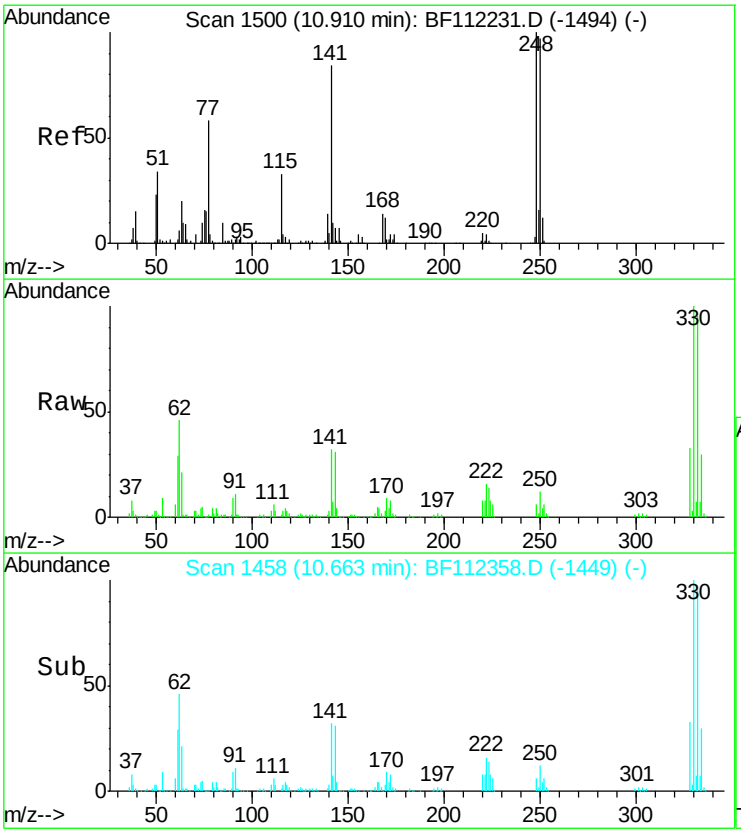
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tgt Ion:188 Resp: 412025

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.7	8.9	13.3

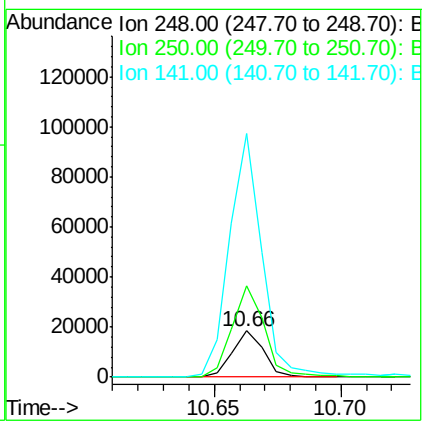


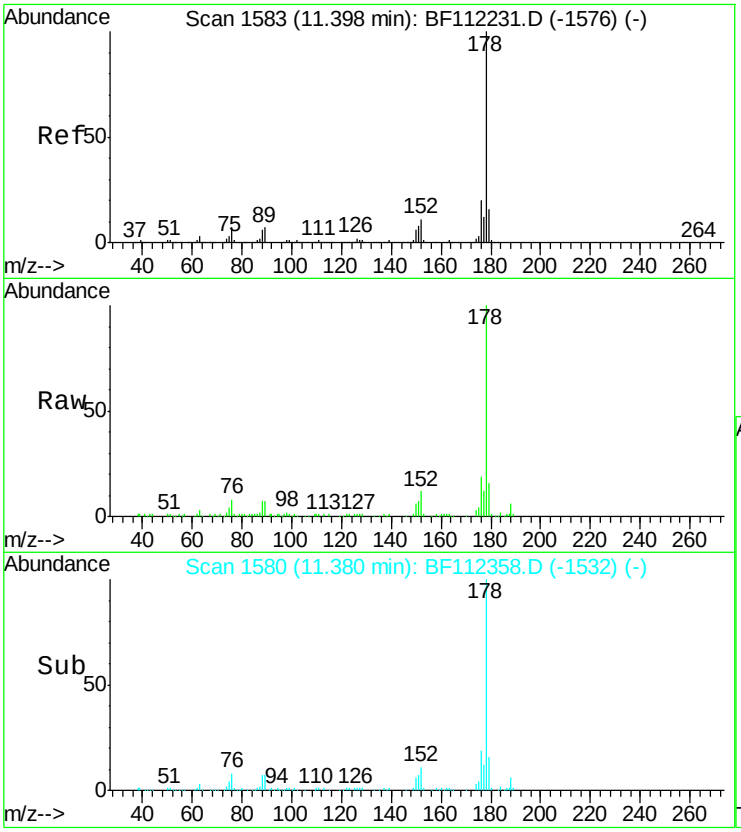


#67
4-Bromophenyl-phenylether
Concen: 3.272 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion:248 Resp: 15856

Ion	Ratio	Lower	Upper
248	100		
250	198.3	79.7	119.5#
141	529.0	60.3	90.5#



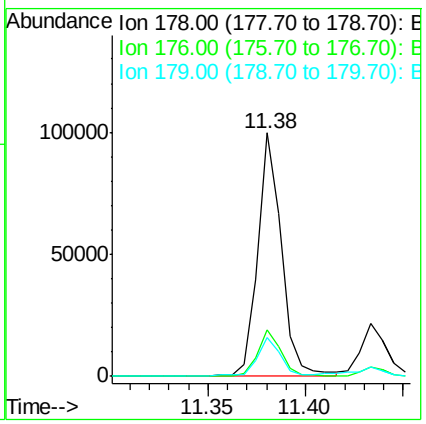


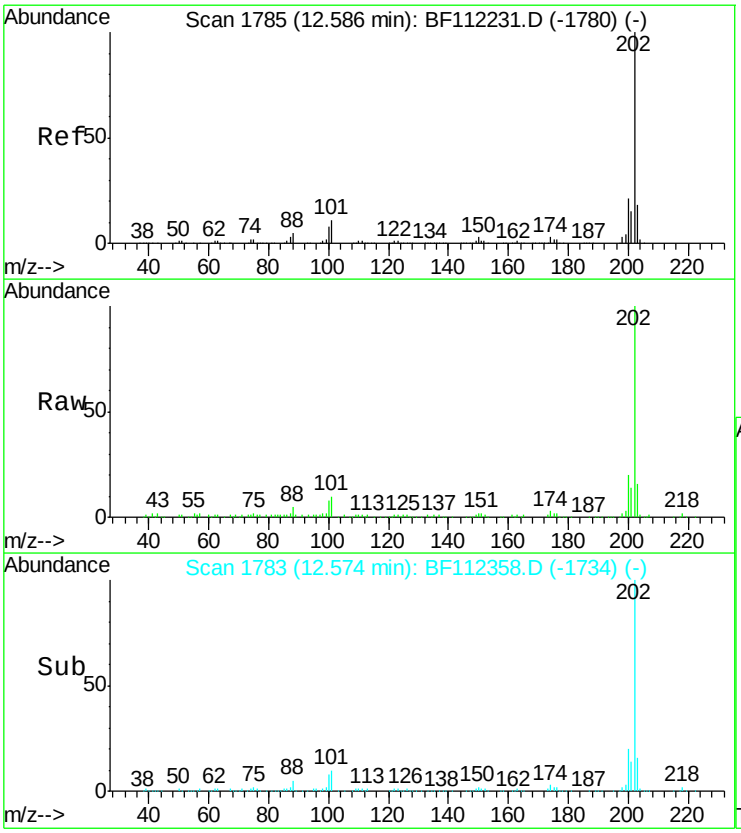
#71
Phenanthrene
Concen: 3.925 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tgt Ion:178 Resp: 84077

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.3	24.5
179	15.7	13.0	19.4

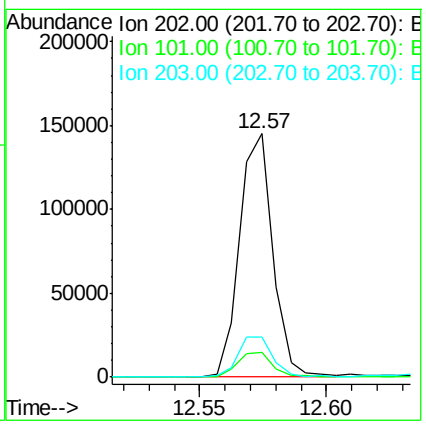


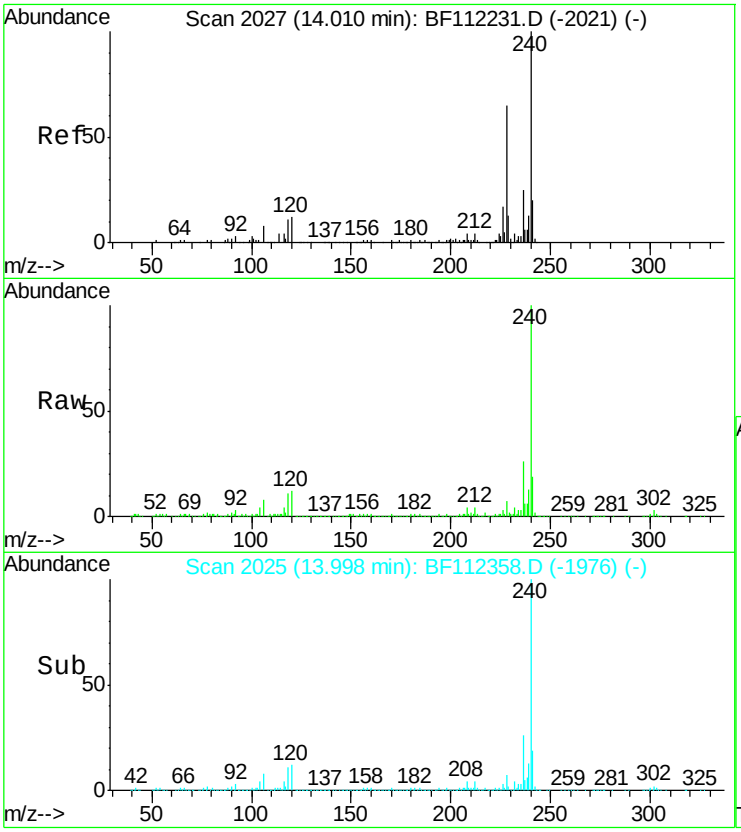


#75
Fluoranthene
Concen: 5.767 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion:202 Resp: 132495

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.8
203	16.5	0.0	38.4



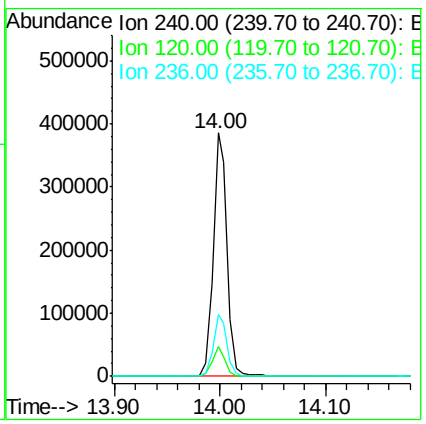


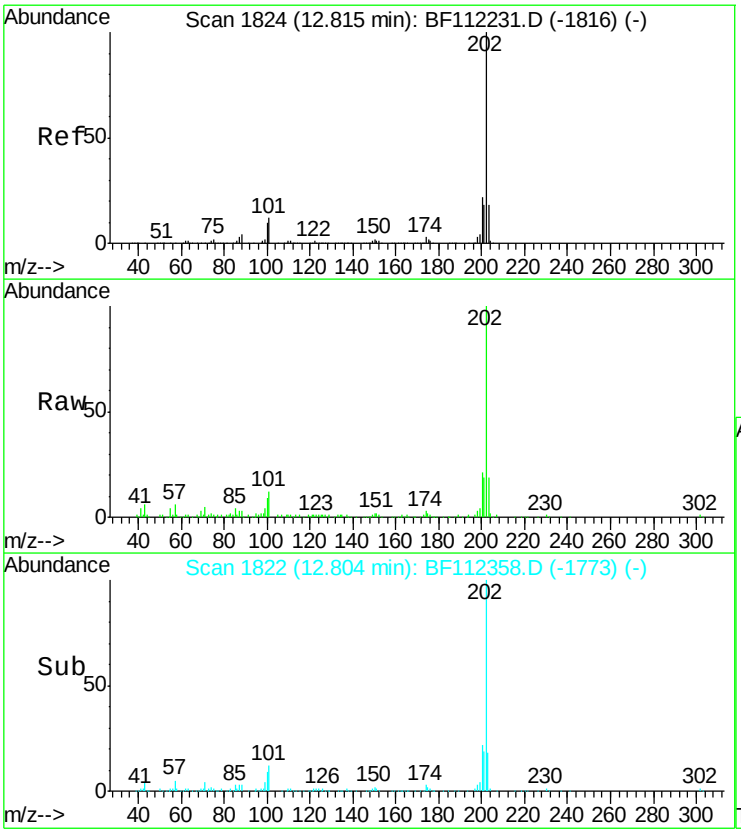
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tgt Ion:240 Resp: 360325

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.0	13.6
236	25.5	20.7	31.1

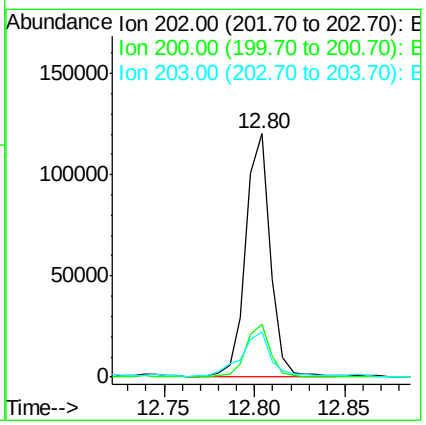


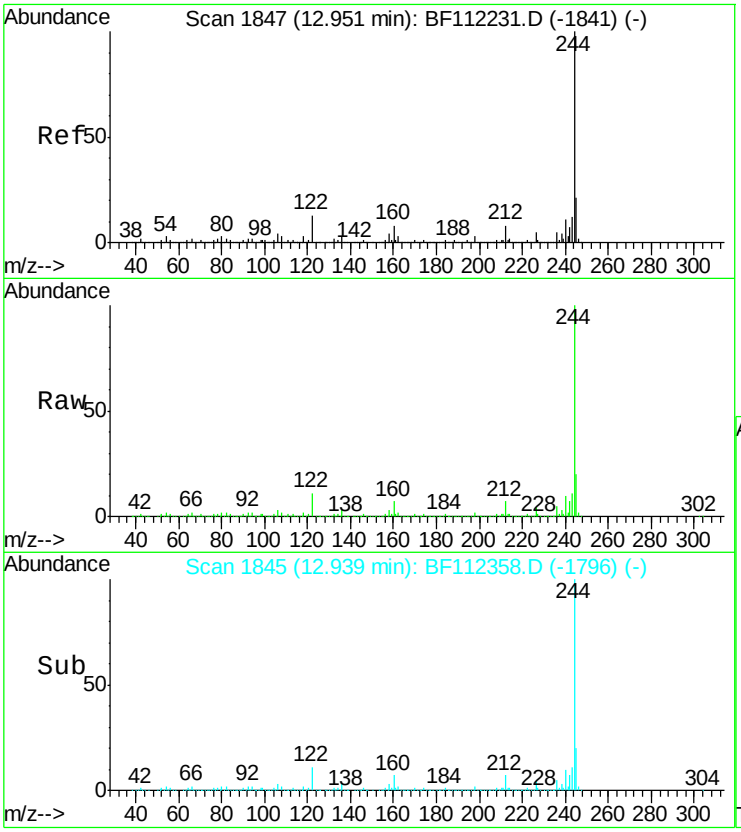


#78
Pyrene
Concen: 4.522 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion:202 Resp: 112800

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	18.6	14.6	22.0



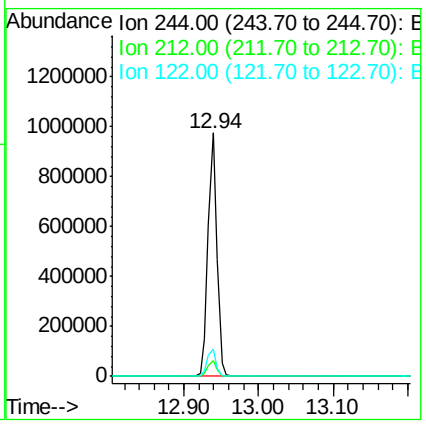


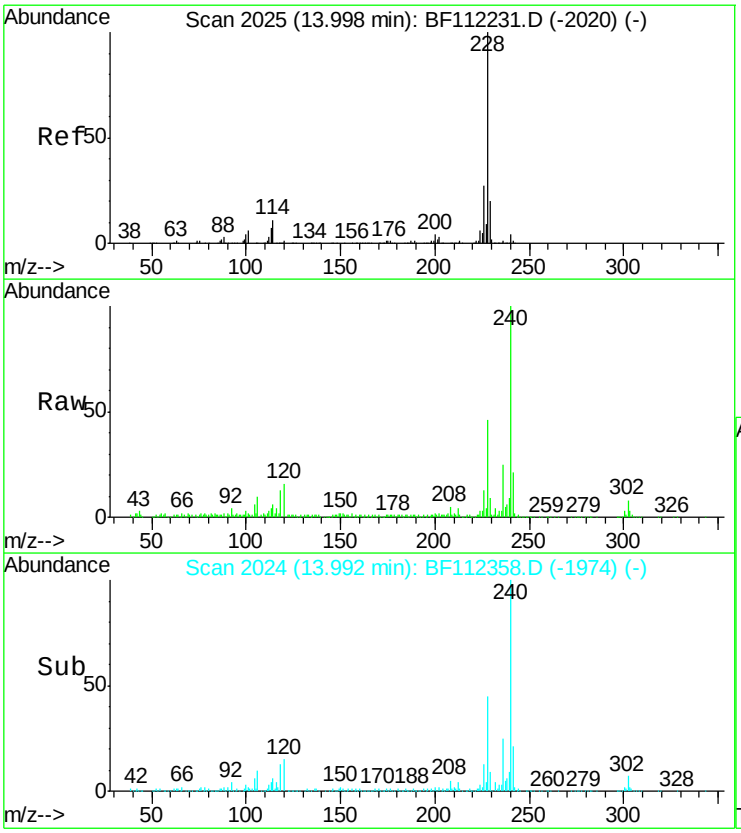
#79
Terphenyl-d14
Concen: 42.459 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tgt Ion:244 Resp: 812290

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	11.0	9.8	14.6

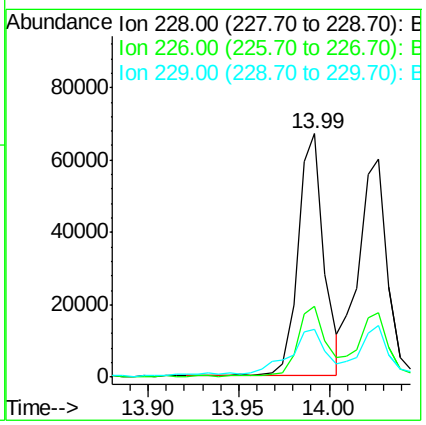


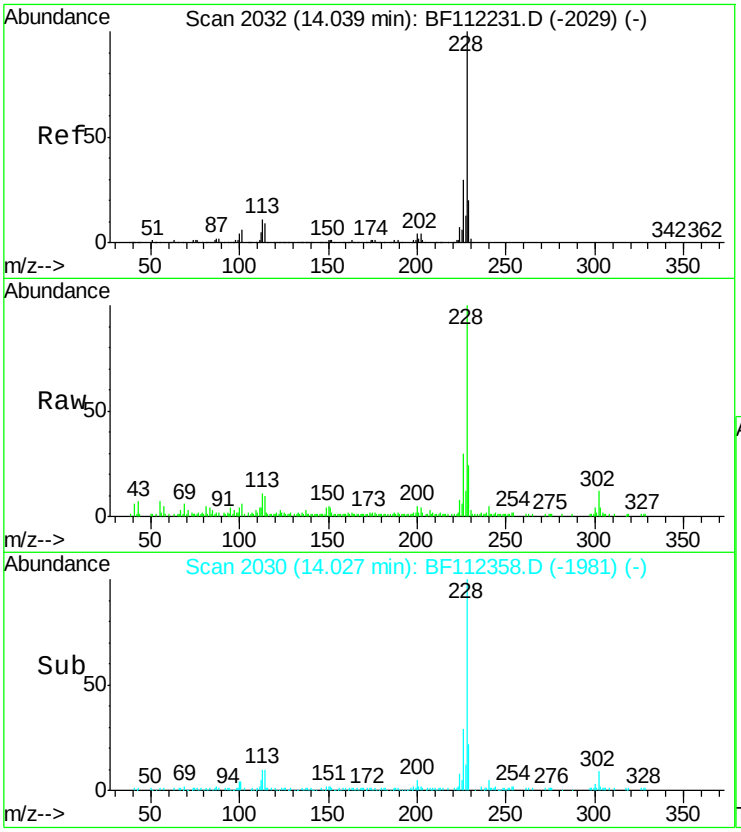


#81
Benzo(a)anthracene
Concen: 3.179 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion:228 Resp: 67327

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	34.0
229	19.7	16.5	24.7



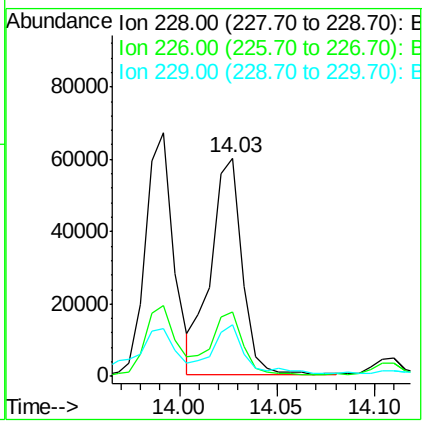


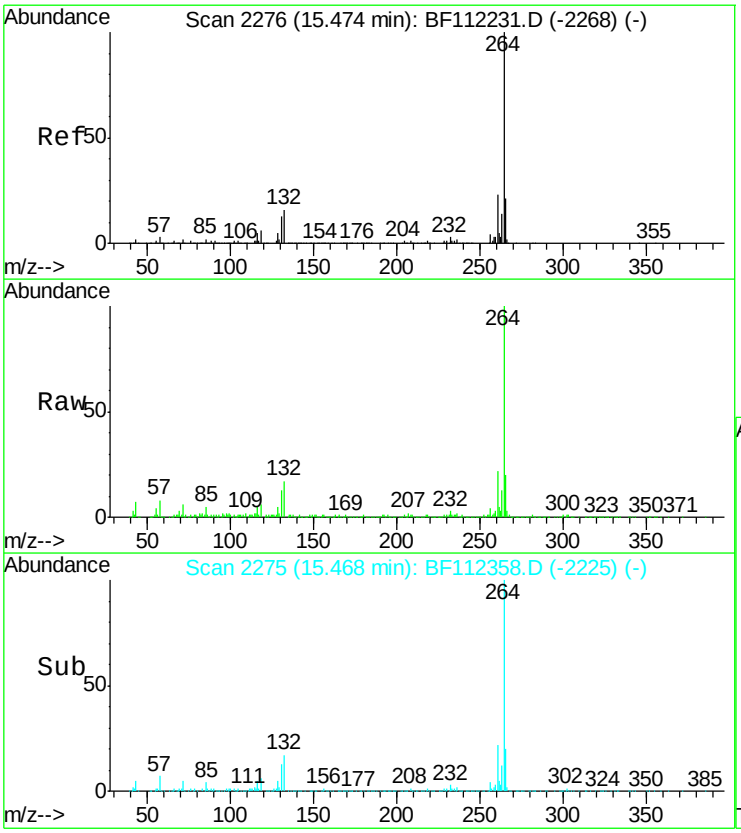
#83
Chrysene
Concen: 3.335 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tgt Ion:228 Resp: 67426

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	23.6	16.6	24.8

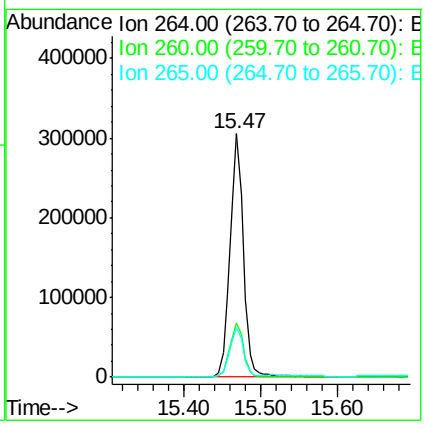


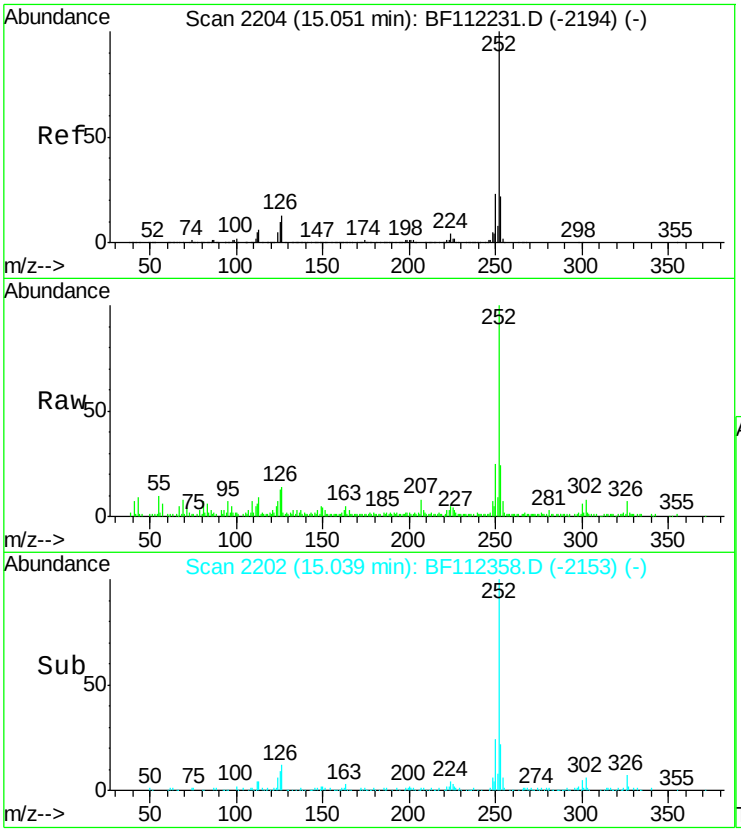


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion:264 Resp: 375392

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	20.2	17.0	25.4



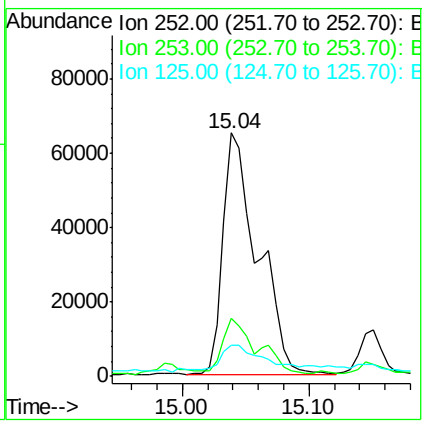


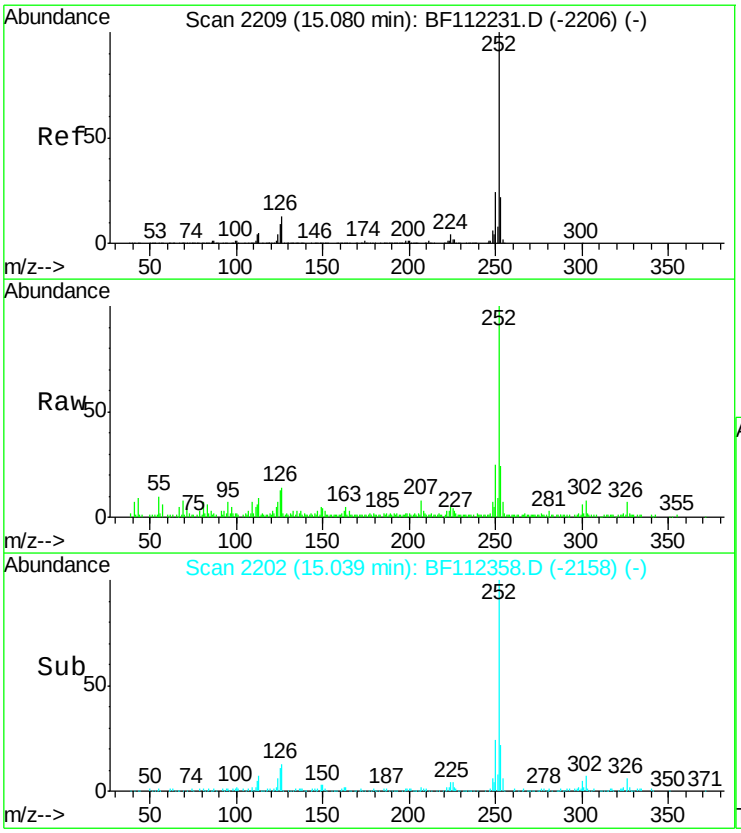
#88
Benzo(b)fluoranthene
Concen: 5.558 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tgt Ion:252 Resp: 124771

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.8	8.7	13.1

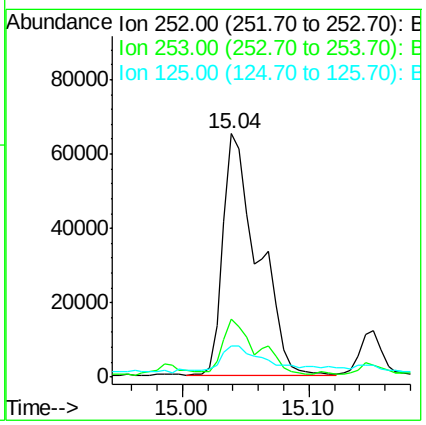


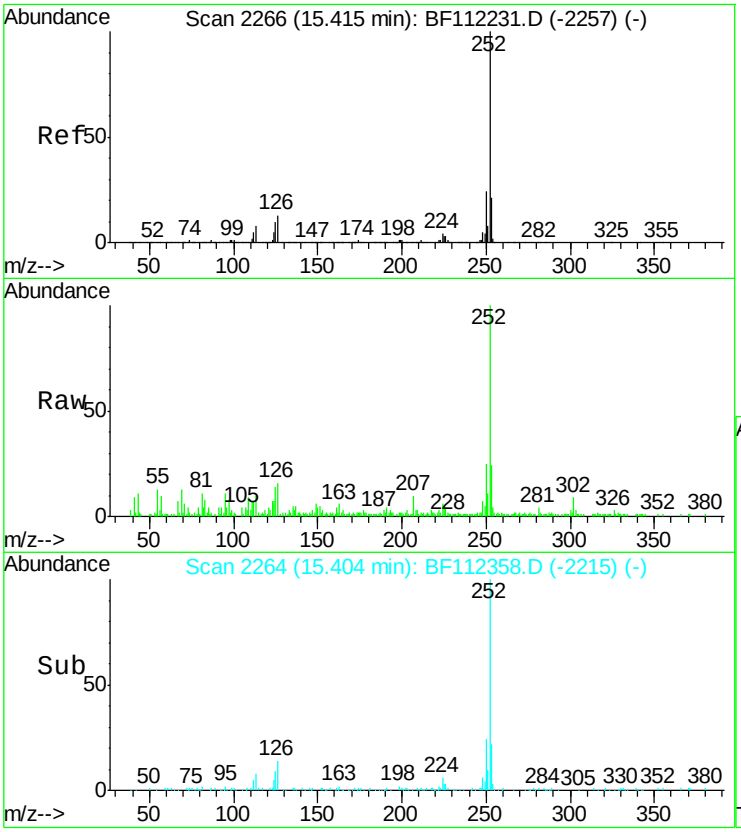


#89
Benzo(k)fluoranthene
Concen: 5.802 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion:252 Resp: 124771

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.8	9.1	13.7



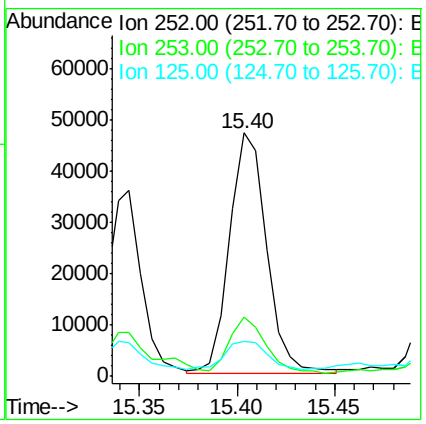


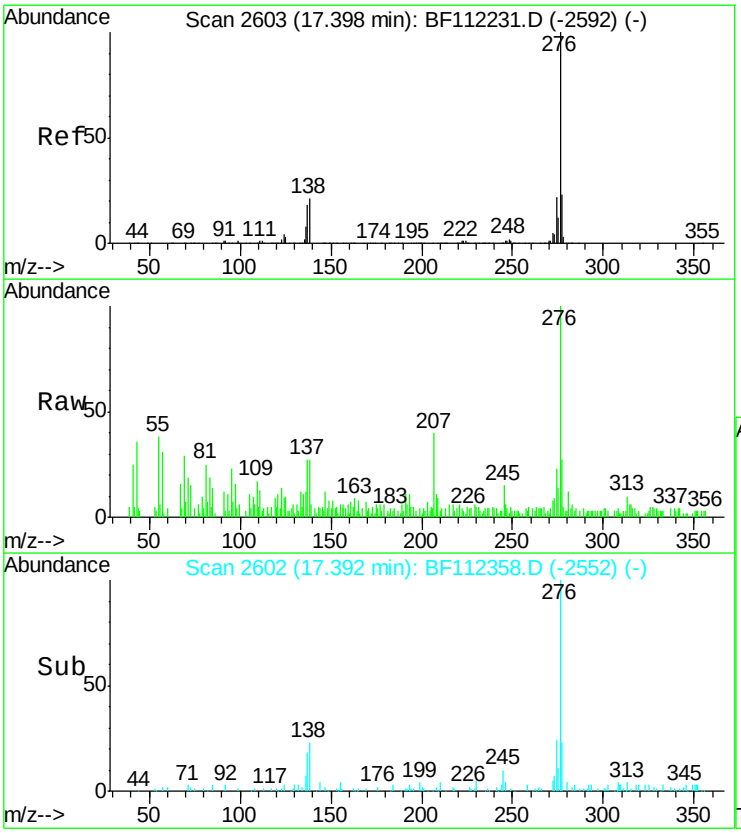
#90
Benzo(a)pyrene
Concen: 3.075 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tgt Ion:252 Resp: 62113

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	14.5	9.0	13.4#





#92
Benzo(g,h,i)perylene
Concen: 2.125 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion:276 Resp: 32640

Ion	Ratio	Lower	Upper
276	100		
277	27.5	19.4	29.0
138	26.5	19.1	28.7