Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112480.D
Acq On : 11 Feb 2019 15:01
Operator : JU/SJ
Sample : K1356-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 11 16:50:50 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	6.83	152	131587	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	517324	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	252341	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	449224	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	298784	20.00	ng		0.00
87) Perylene-d12	15.47	264	307900	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	751482	121.30	ng		-0.01
7) Phenol-d6	6.48	99	951644	110.55	ng		-0.01
23) Nitrobenzene-d5	7.39	82	602487	67.11	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	287015	97.72	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1231466	69.02	ng		-0.02
79) Terphenyl-d14	12.94	244	1077519	67.92	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.49	94	65634	6.950	ng		89
19) n-Nitroso-di-n-propylamine	7.39	70	86400	14.556	ng	#	77
25) Isophorone	7.39	82	602480	42.775	ng	#	64
50) Dimethylphthalate	9.58	163	122945	6.271	ng		99
57) 2,4-Dinitrotoluene	9.87	165	33106	5.922	ng	#	32
67) 4-Bromophenyl-phenylether	10.66	248	17692	3.349	ng	#	1
71) Phenanthrene	11.38	178	85100	3.644	ng		95
75) Fluoranthene	12.57	202	173135	6.912	ng		98
78) Pyrene	12.80	202	153451	7.418	ng		97
81) Benzo(a)anthracene	13.99	228	82544	4.700	ng		96
83) Chrysene	14.03	228	73573	4.388	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	38882	2.927	ng		92
88) Benzo(b)fluoranthene	15.04	252	122460	6.650	ng		97
89) Benzo(k)fluoranthene	15.04	252	122460	6.943	ng		97
90) Benzo(a)pyrene	15.42	252	62895	3.796	ng		95
92) Benzo(g,h,i)perylene	17.42	276	39341	3.123	ng	#	90

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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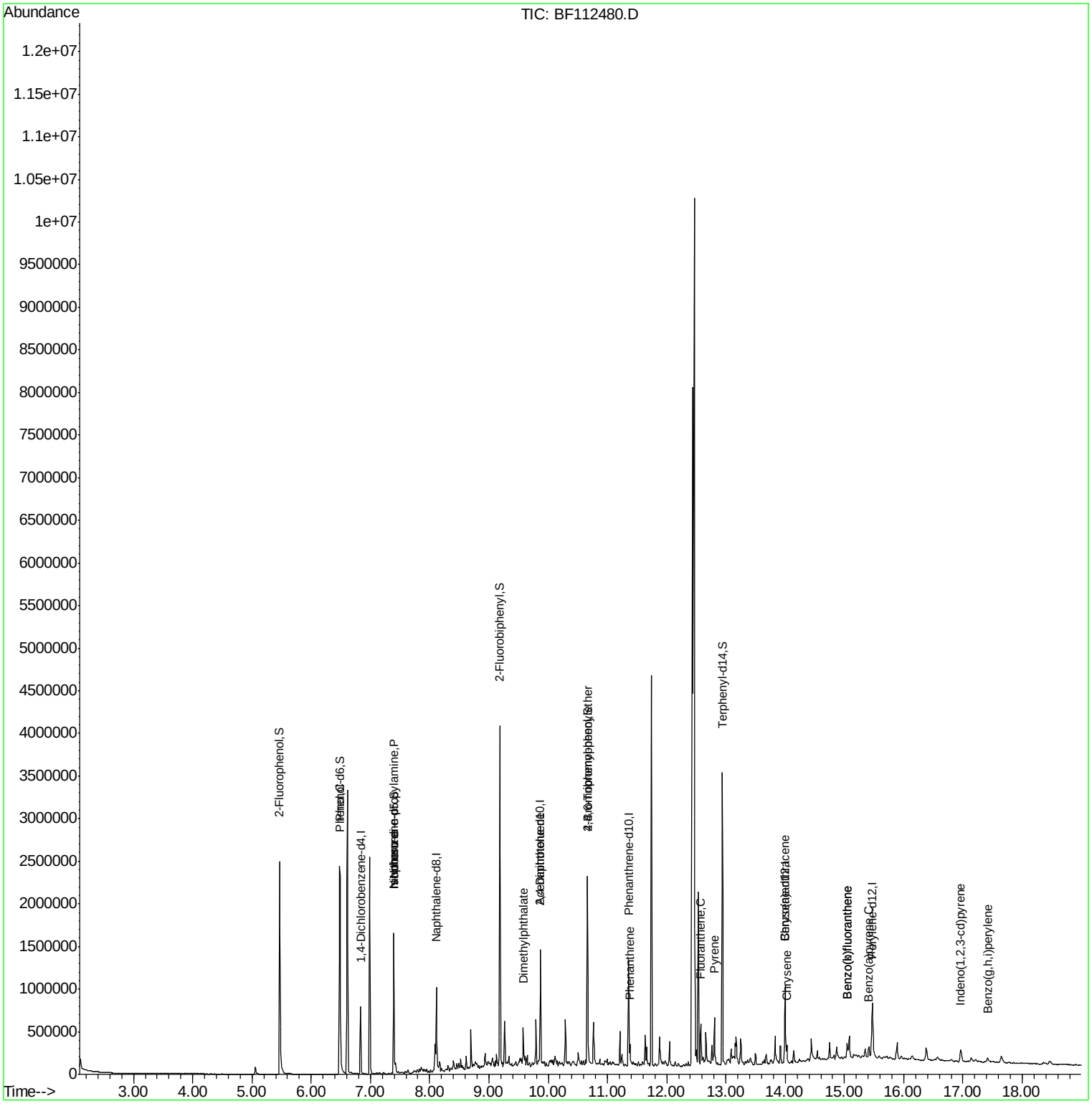
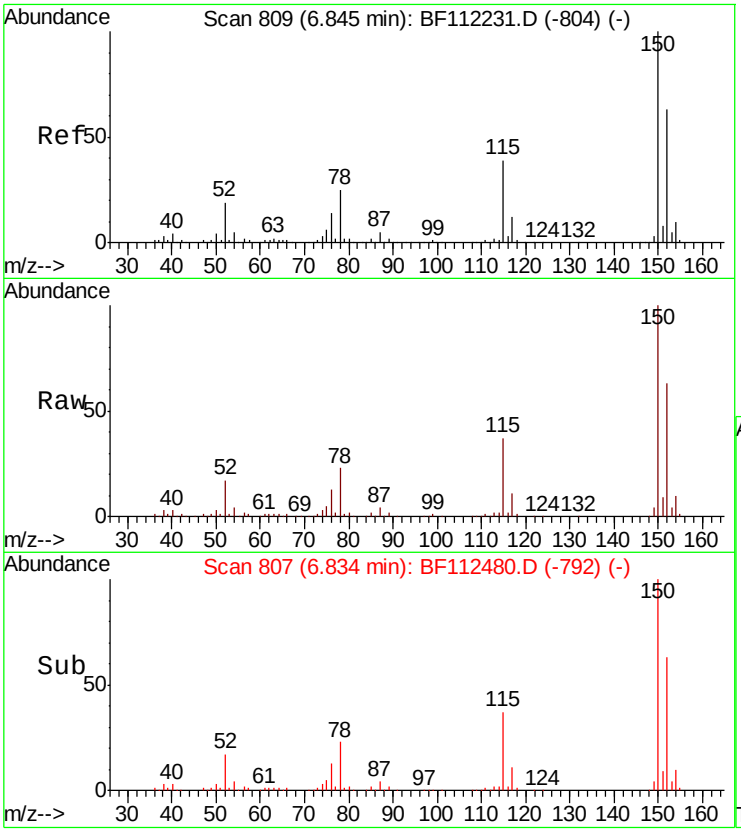


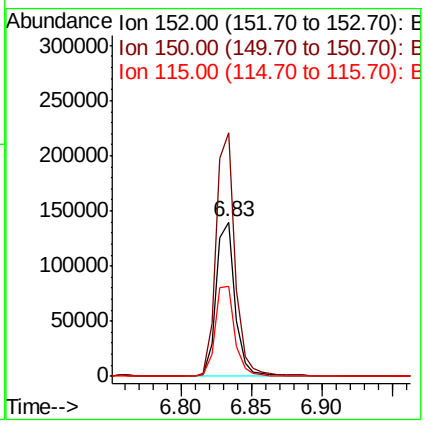


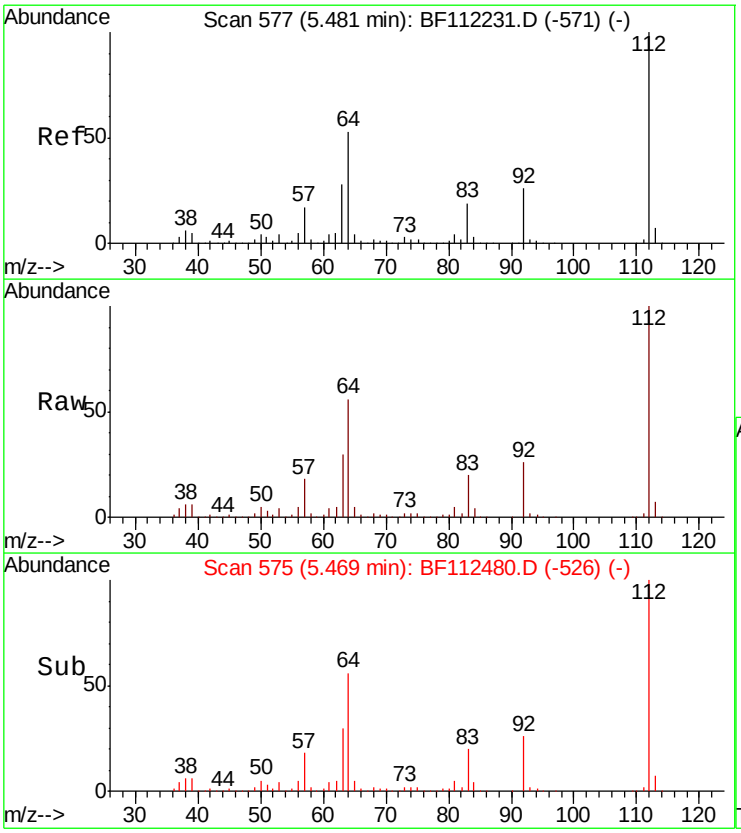
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 131587

Ion	Ratio	Lower	Upper
152	100		
150	157.6	127.4	191.0
115	58.5	45.5	68.3

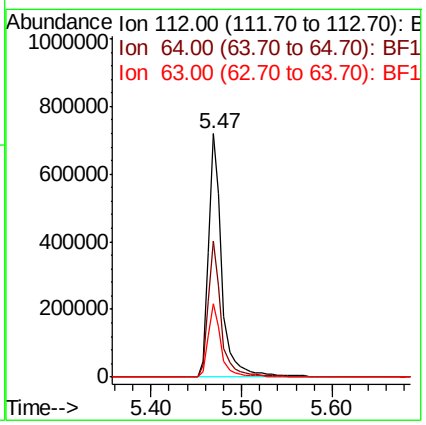


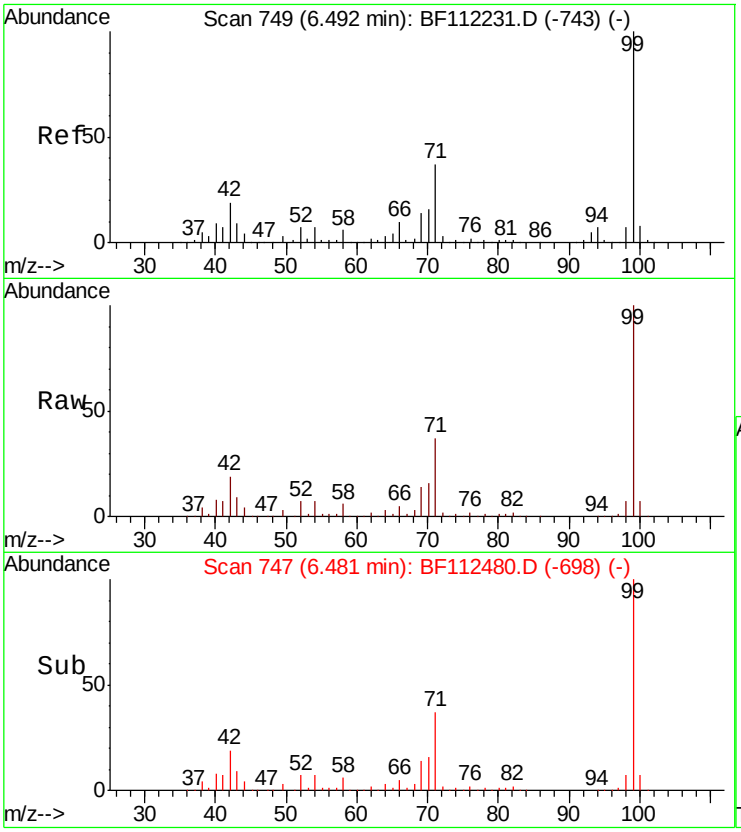


#5
2-Fluorophenol
Concen: 121.304 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion:112 Resp: 751482

Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.7	68.5
63	30.1	23.6	35.4



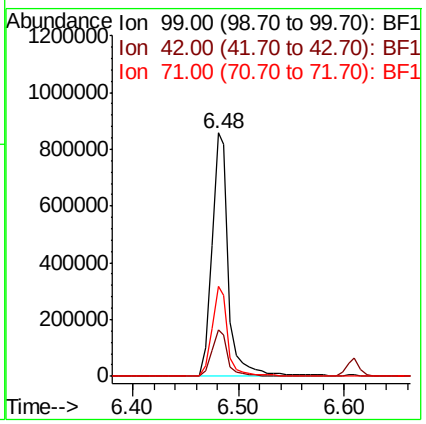


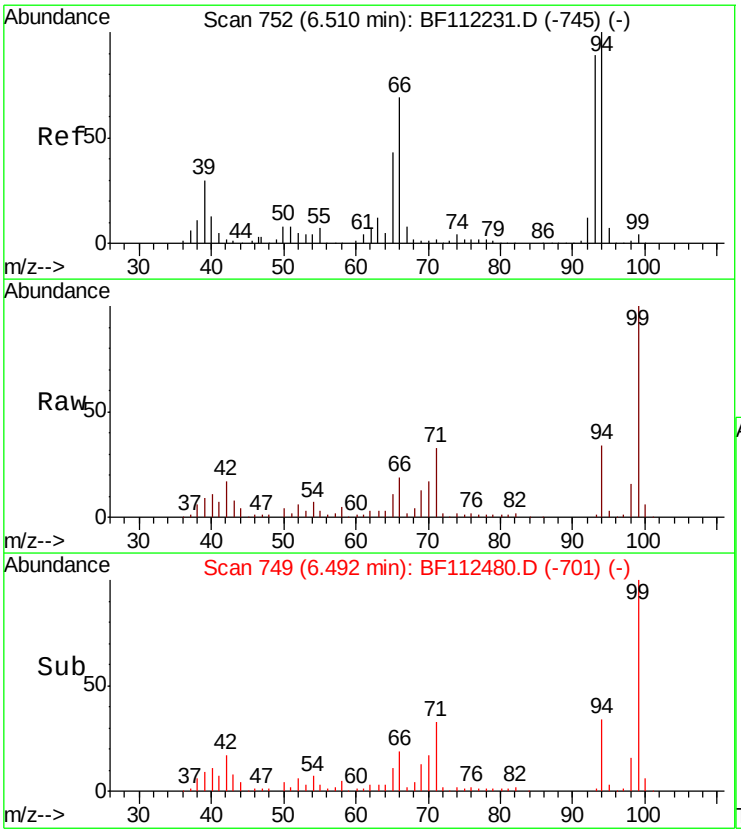
#7
Phenol-d6
Concen: 110.549 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 951644

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.1	22.7
71	36.8	26.9	40.3

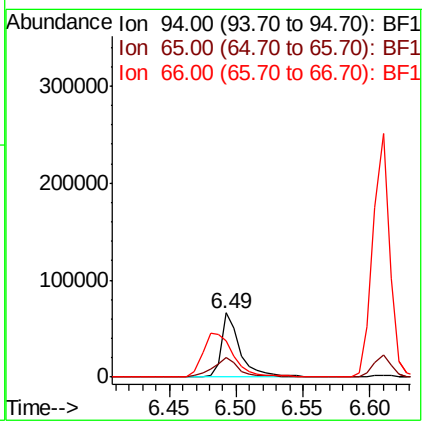


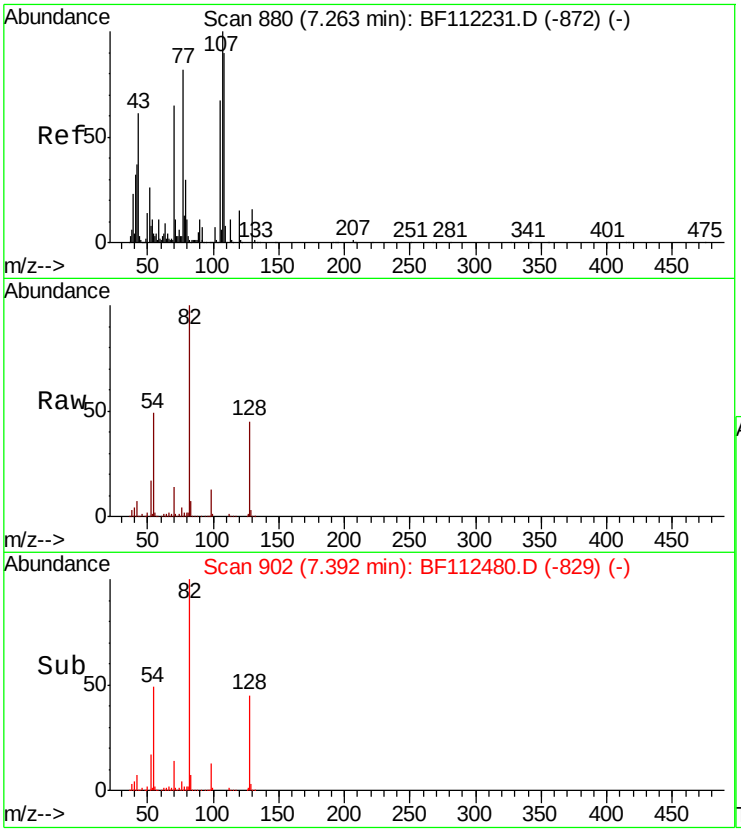


#10
Phenol
Concen: 6.950 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion: 94 Resp: 65634

Ion	Ratio	Lower	Upper
94	100		
65	30.8	20.3	60.3
66	55.9	42.4	82.4



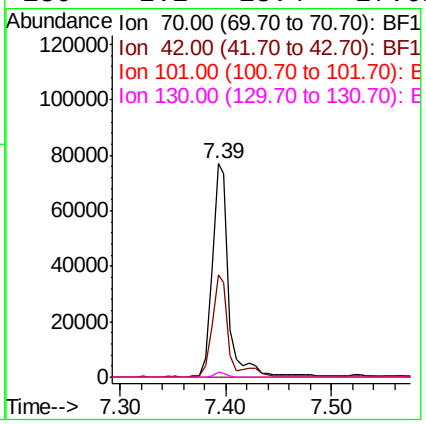


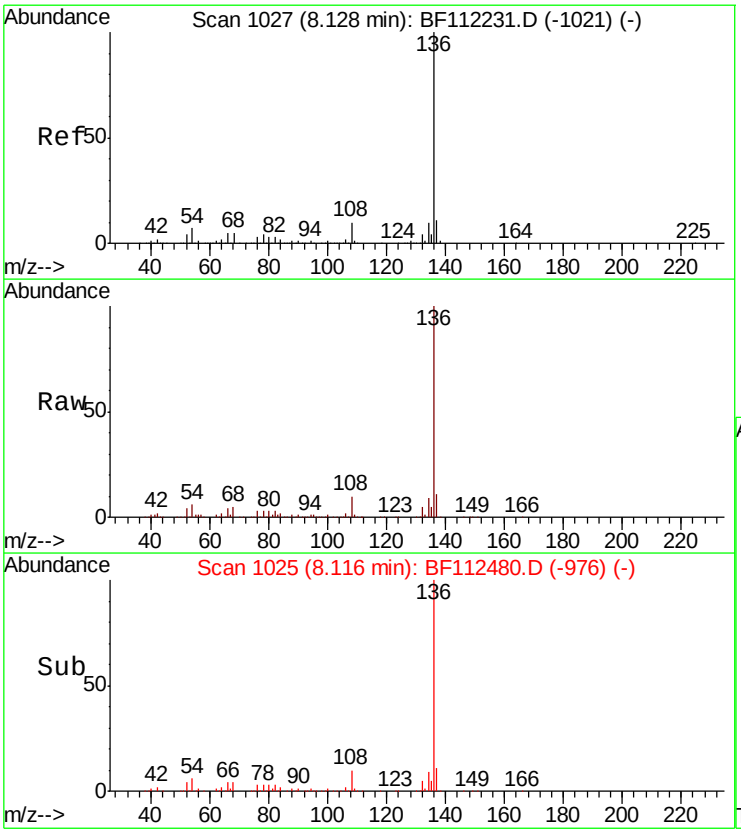
#19
n-Nitroso-di-n-propylamine
Concen: 14.556 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 86400

Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.6	71.4
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#

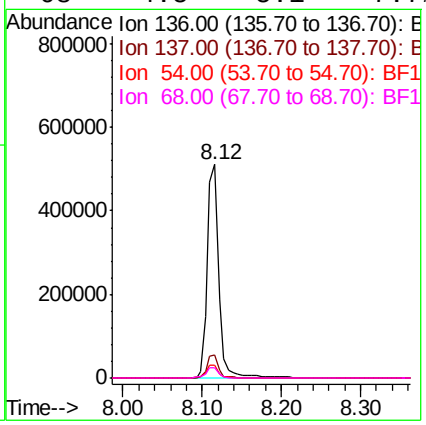


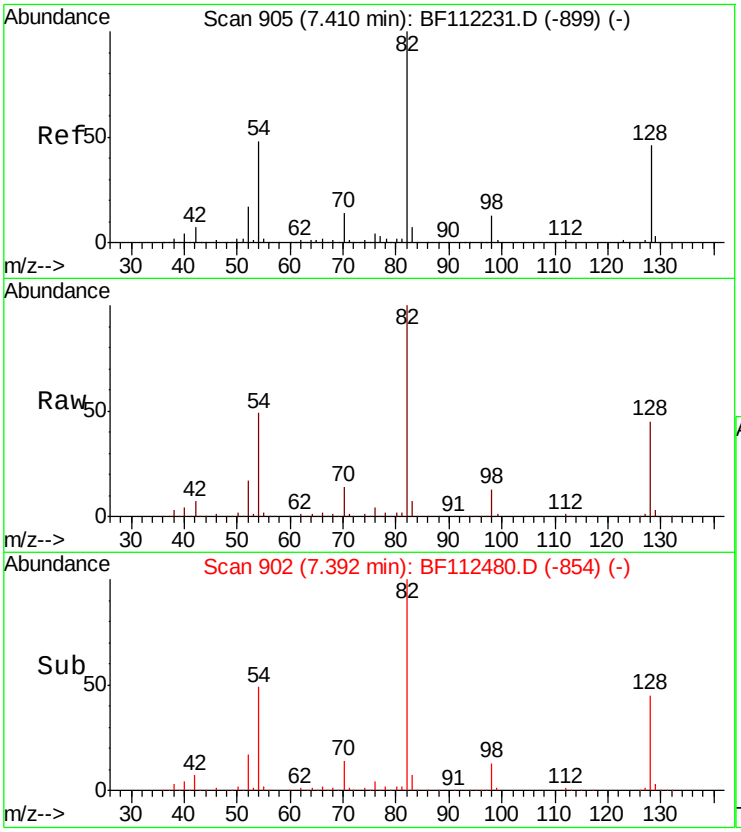


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion:136 Resp: 517324

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.9	5.9	8.9#
68	4.5	5.1	7.7#



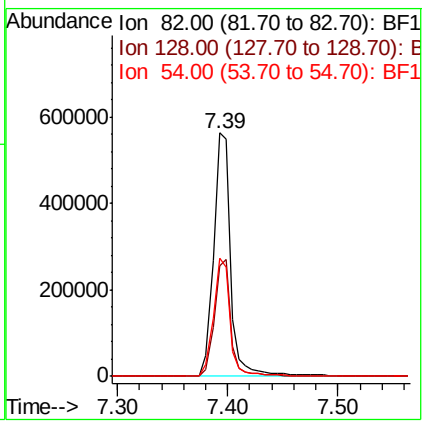


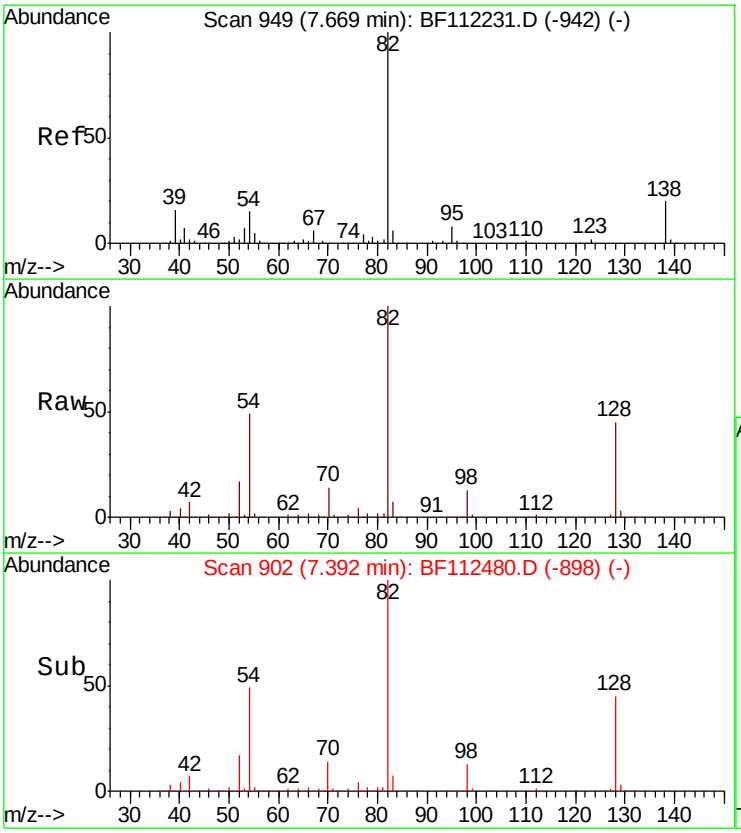
#23
Nitrobenzene-d5
Concen: 67.105 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 602487

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.8	56.8
54	48.8	39.7	59.5

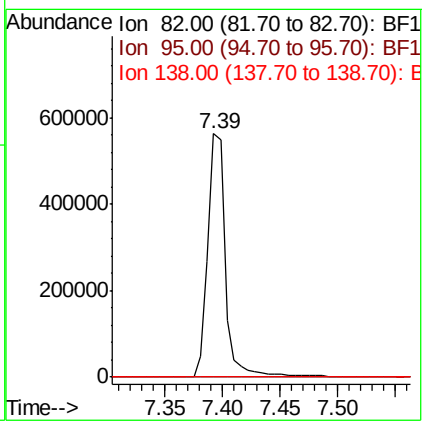


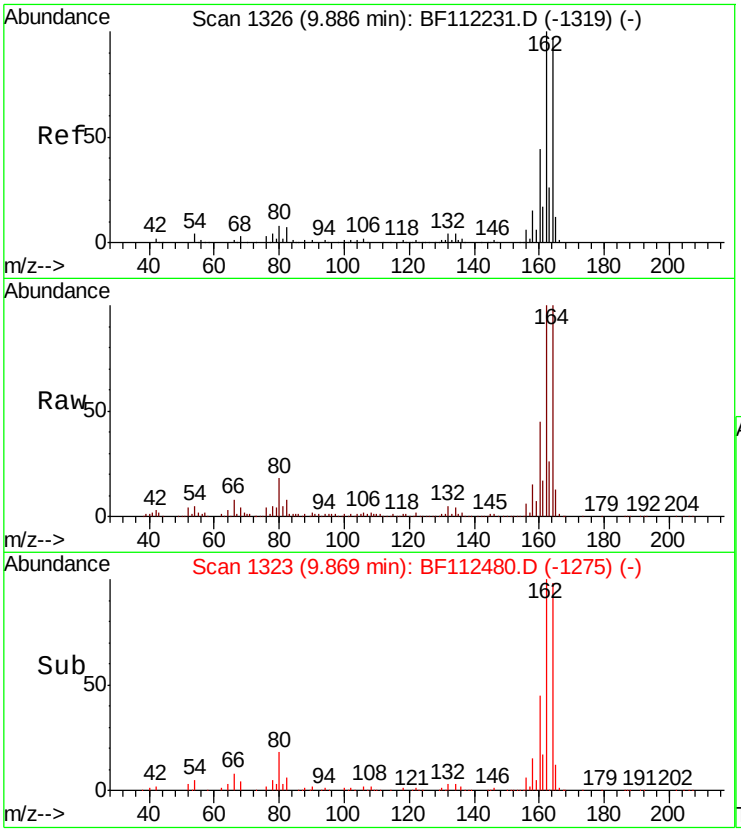


#25
Isophorone
Concen: 42.775 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion: 82 Resp: 602480

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	15.4	23.0#



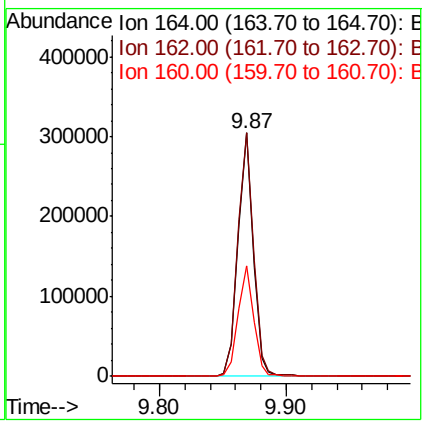


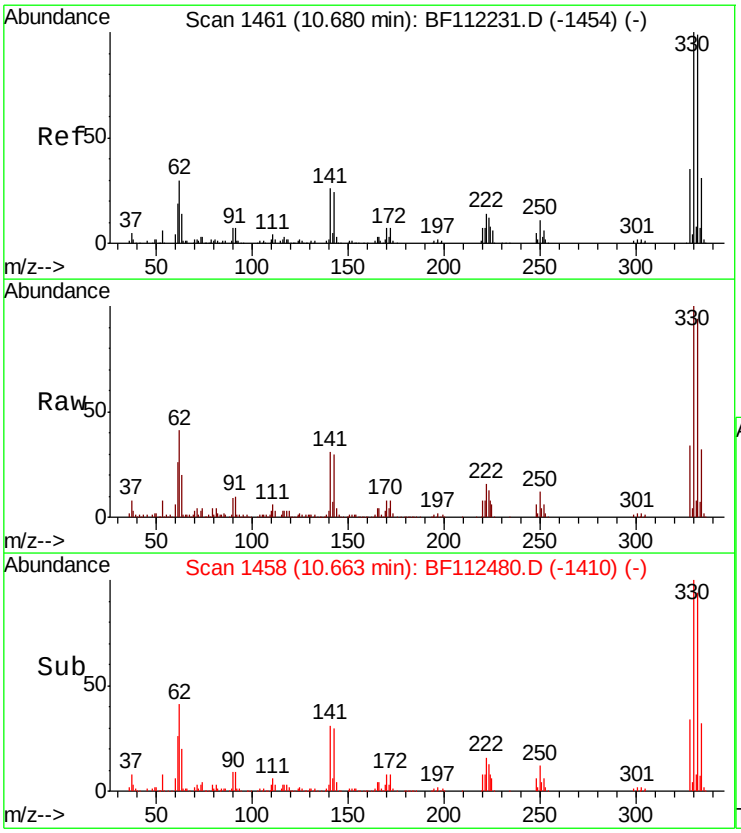
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 252341

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.2	123.4
160	45.3	36.2	54.4

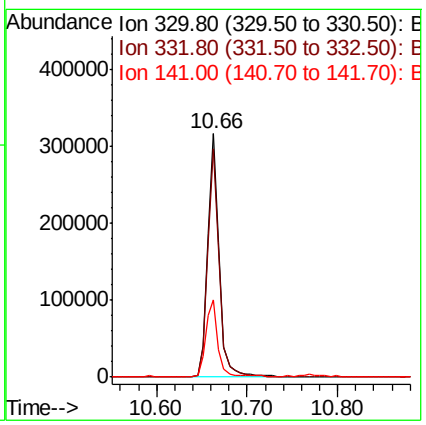


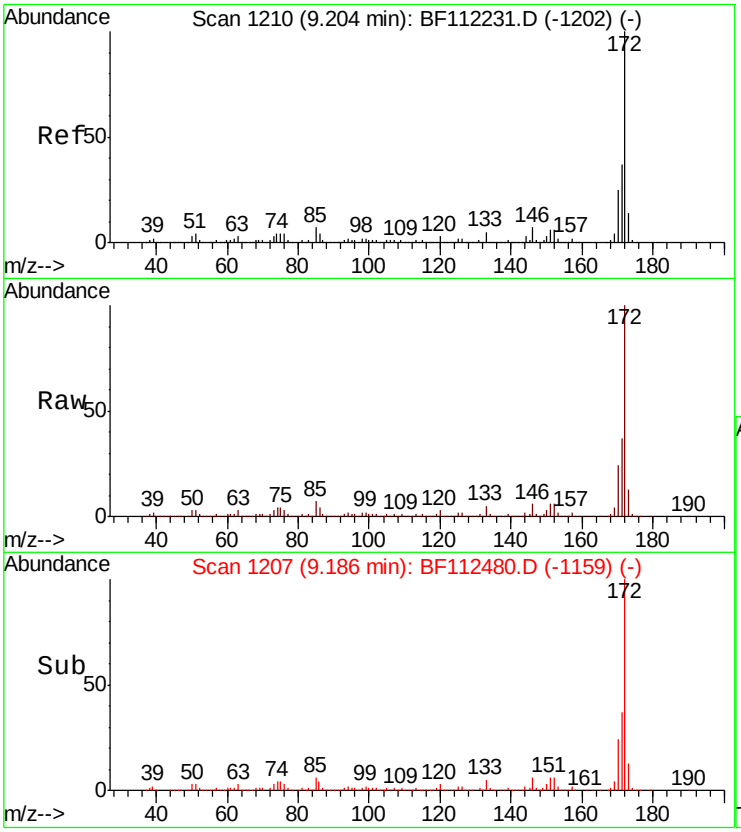


#42
2,4,6-Tribromophenol
Concen: 97.718 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion:330 Resp: 287015

Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.6	114.8
141	32.6	24.3	36.5



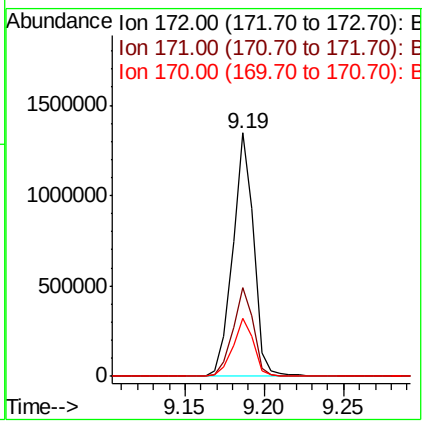


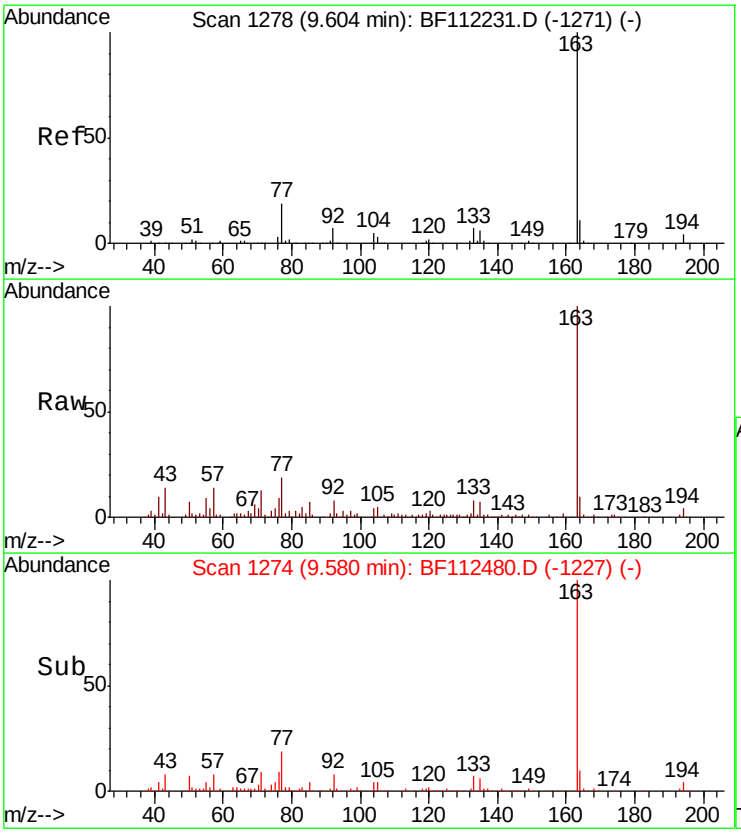
#45
2-Fluorobiphenyl
Concen: 69.022 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1231466

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.0	20.2	30.4

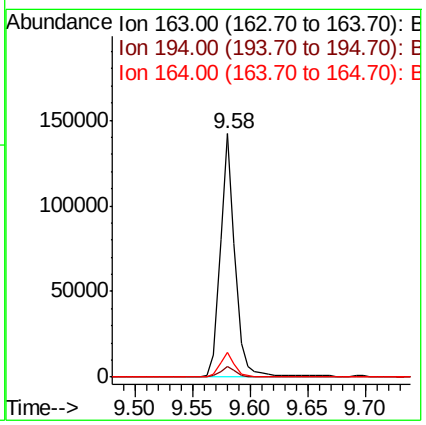


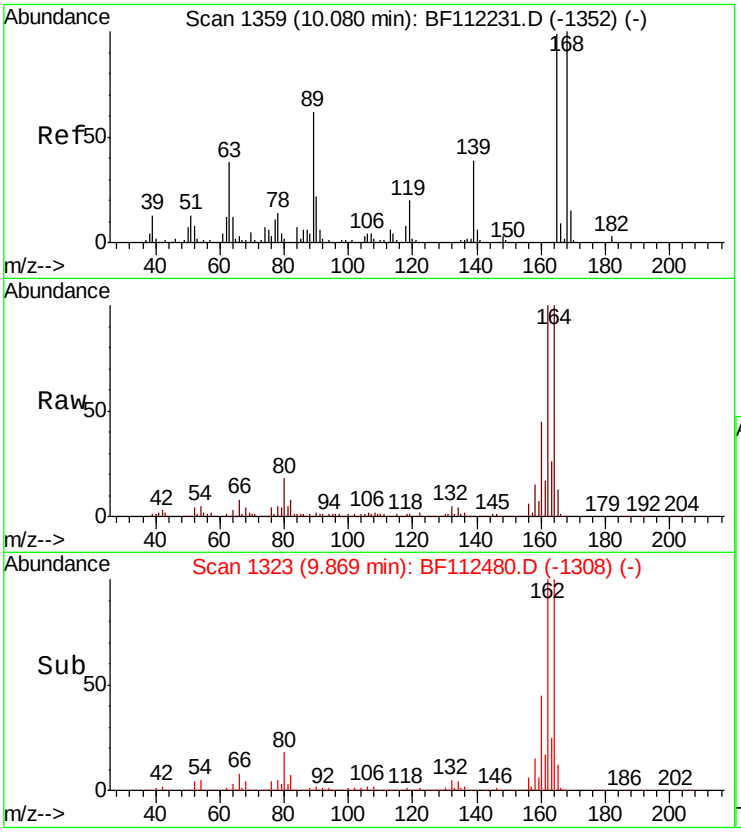


#50
Dimethylphthalate
Concen: 6.271 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion:163 Resp: 122945

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.9	8.5	12.7



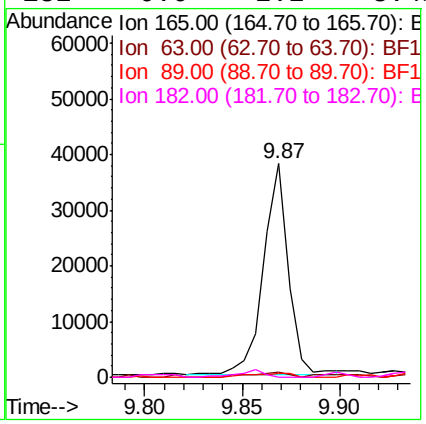


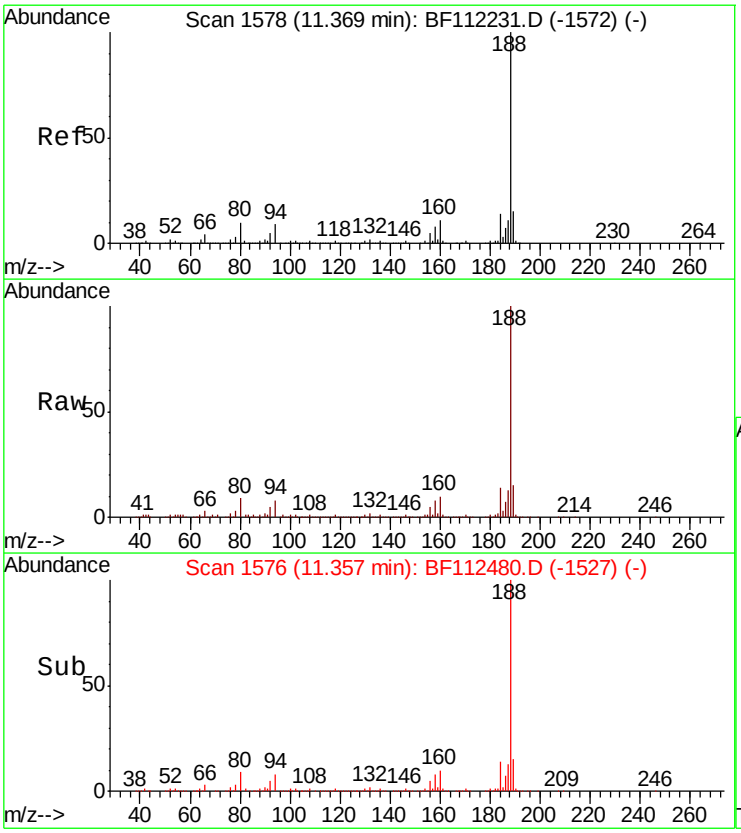
#57
2,4-Dinitrotoluene
Concen: 5.922 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33106

Ion	Ratio	Lower	Upper
165	100		
63	2.1	27.9	41.9#
89	1.6	47.9	71.9#
182	0.0	2.2	3.4#

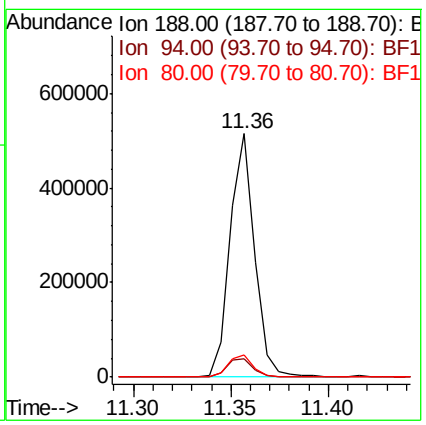


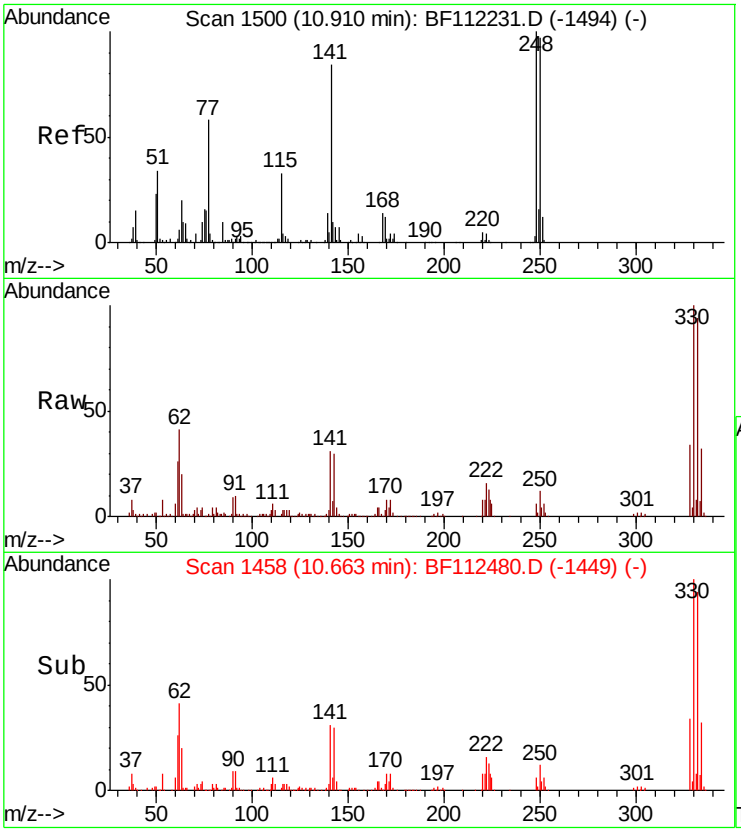


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion:188 Resp: 449224

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.2	12.2#
80	8.9	8.9	13.3



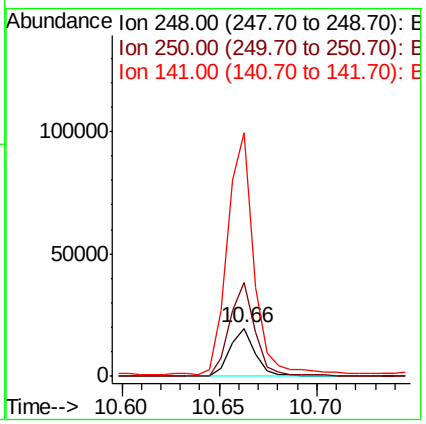


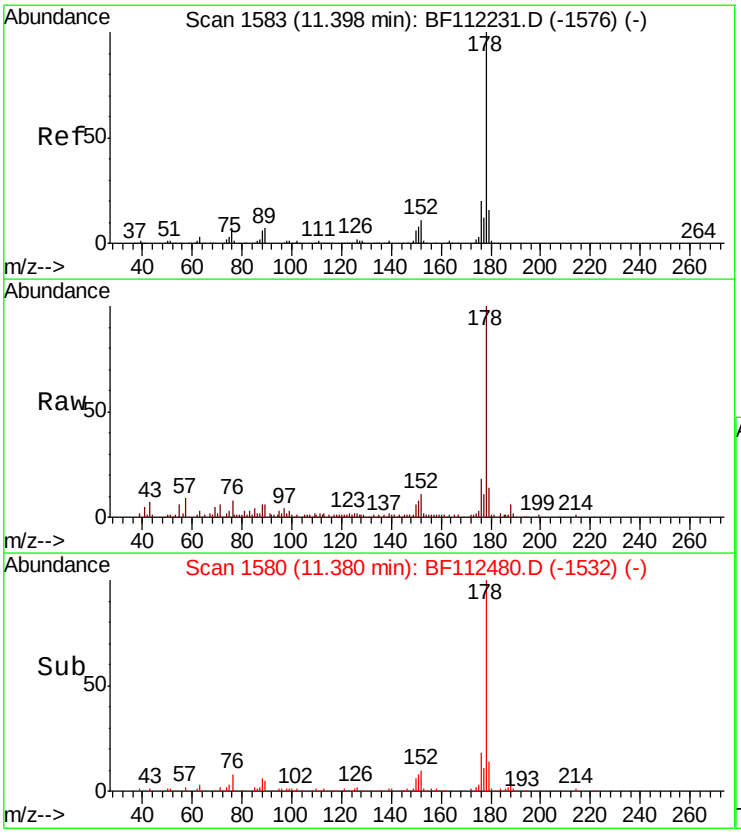
#67
4-Bromophenyl-phenylether
Concen: 3.349 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17692

Ion	Ratio	Lower	Upper
248	100		
250	195.3	79.7	119.5#
141	507.3	60.3	90.5#

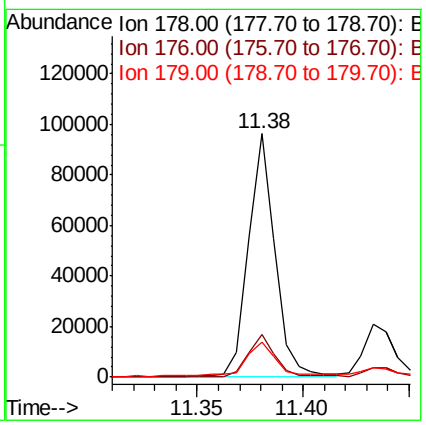


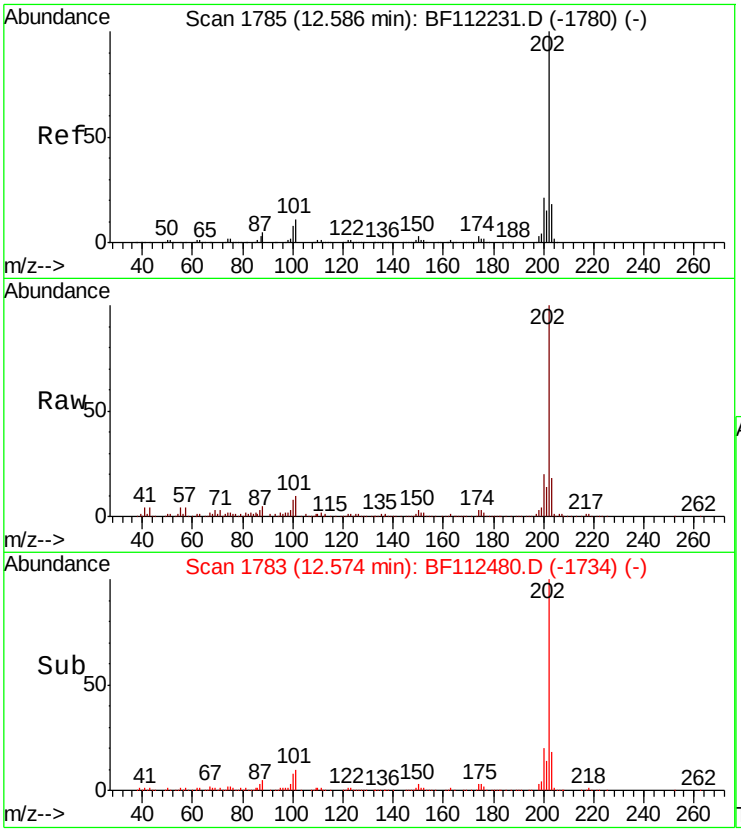


#71
Phenanthrene
Concen: 3.644 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion:178 Resp: 85100

Ion	Ratio	Lower	Upper
178	100		
176	17.7	16.3	24.5
179	14.3	13.0	19.4



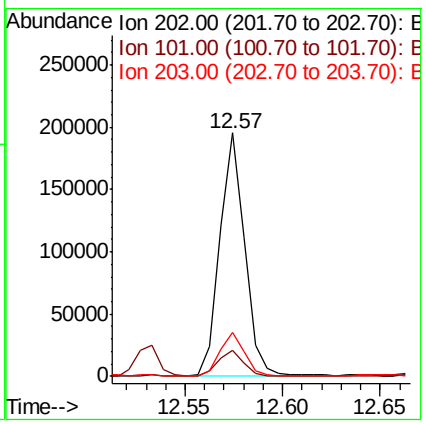


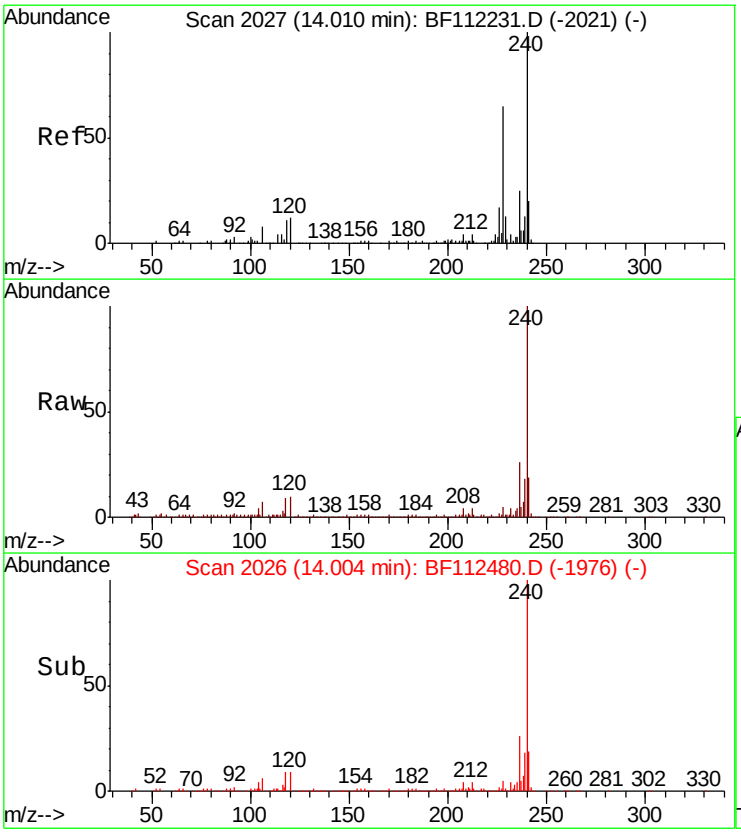
#75
Fluoranthene
Concen: 6.912 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 173135

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.8
203	18.0	0.0	38.4

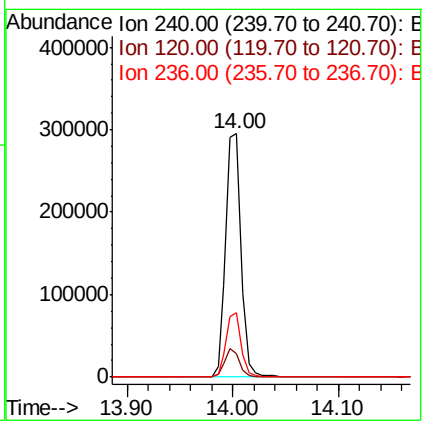


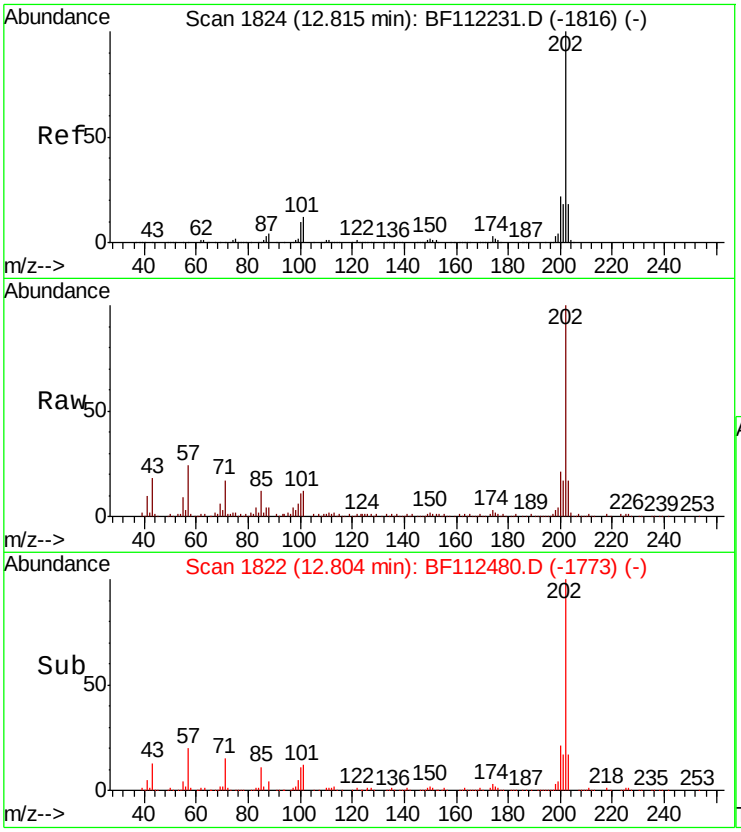


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion:240 Resp: 298784

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.0	13.6
236	26.2	20.7	31.1



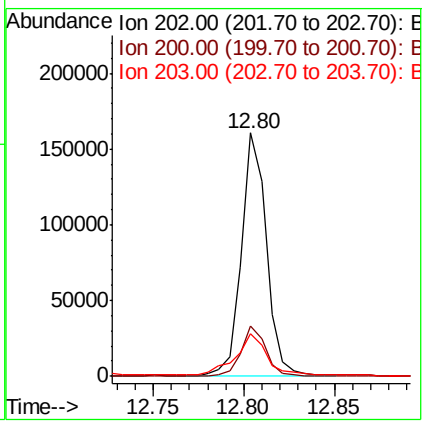


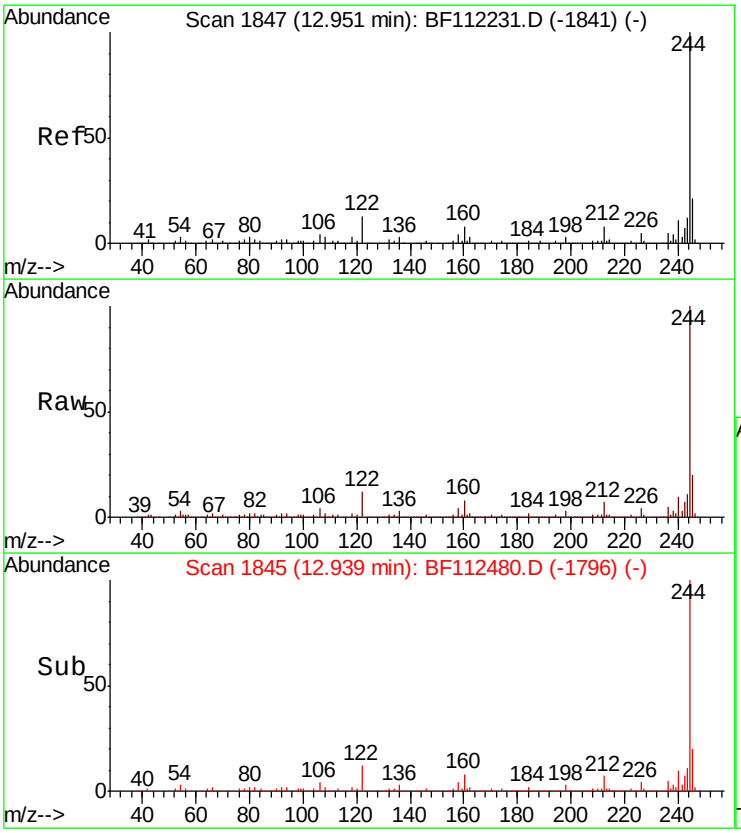
#78
Pyrene
Concen: 7.418 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 153451

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.7	26.5
203	17.4	14.6	22.0

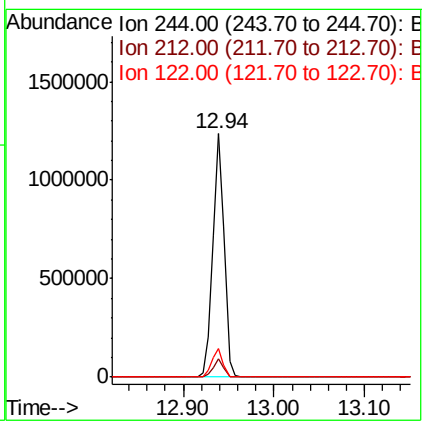


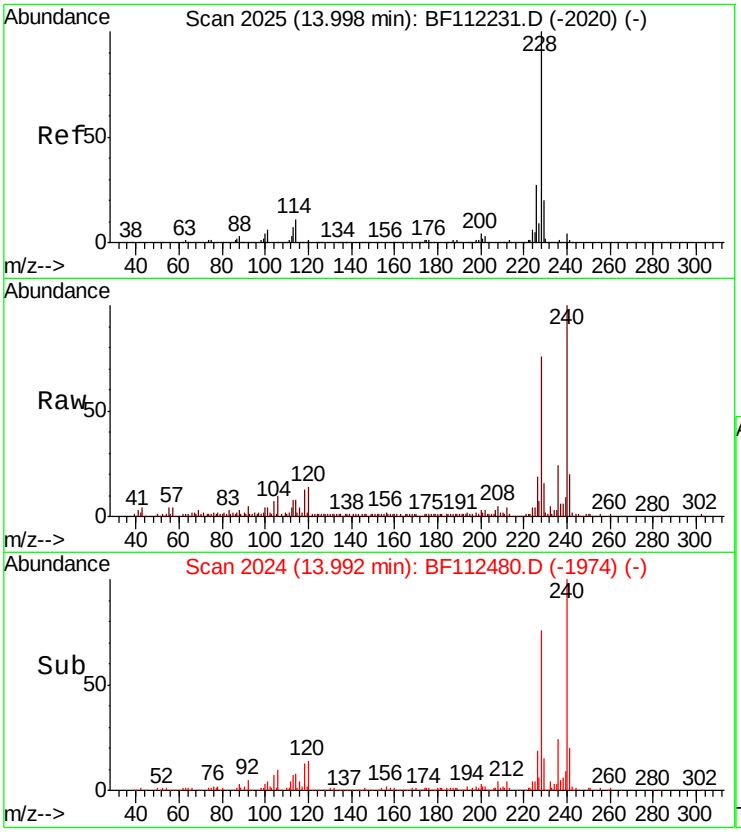


#79
Terphenyl-d14
Concen: 67.924 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion:244 Resp: 1077519

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.6	9.8	14.6



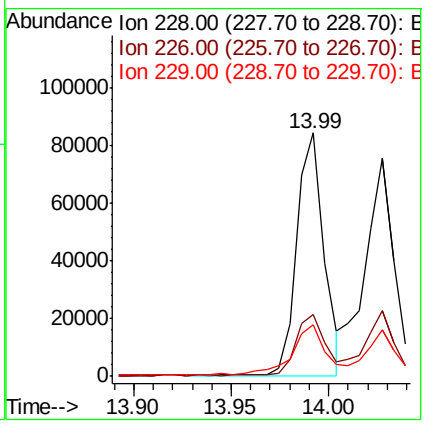


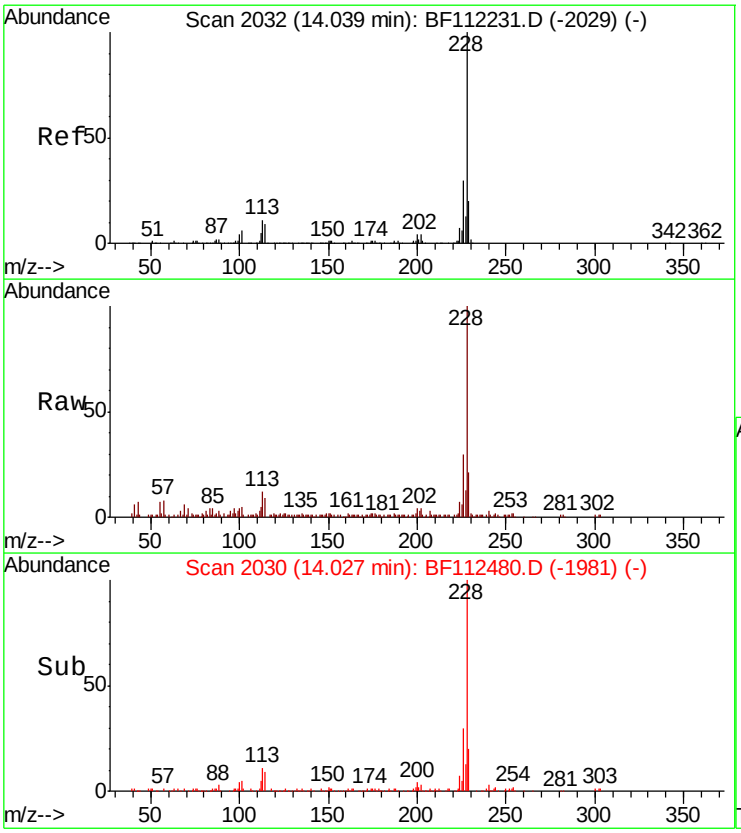
#81
Benzo(a)anthracene
Concen: 4.700 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 82544

Ion	Ratio	Lower	Upper
228	100		
226	25.5	22.6	34.0
229	21.2	16.5	24.7

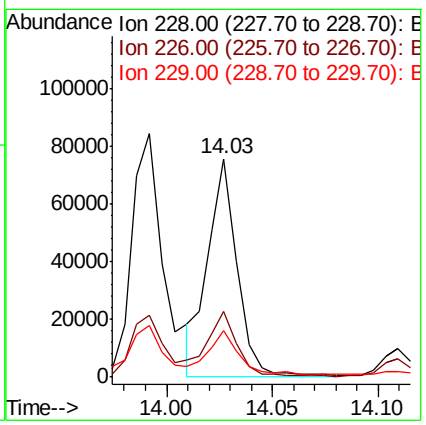


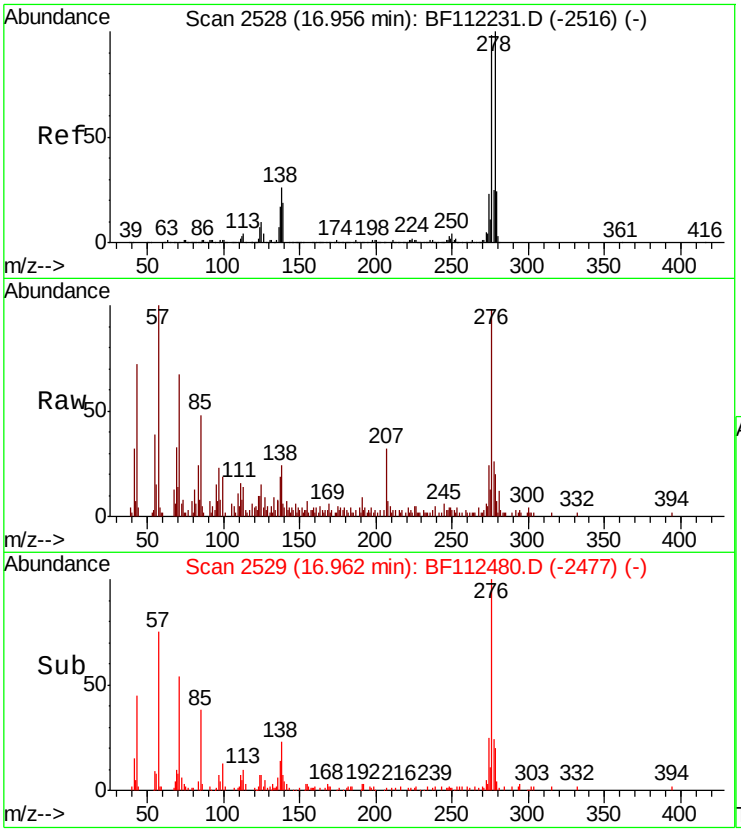


#83
Chrysene
Concen: 4.388 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion:228 Resp: 73573

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.2	16.6	24.8



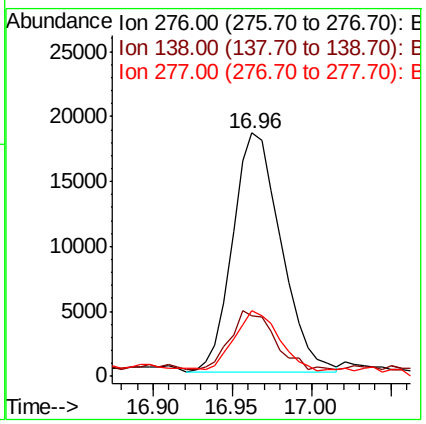


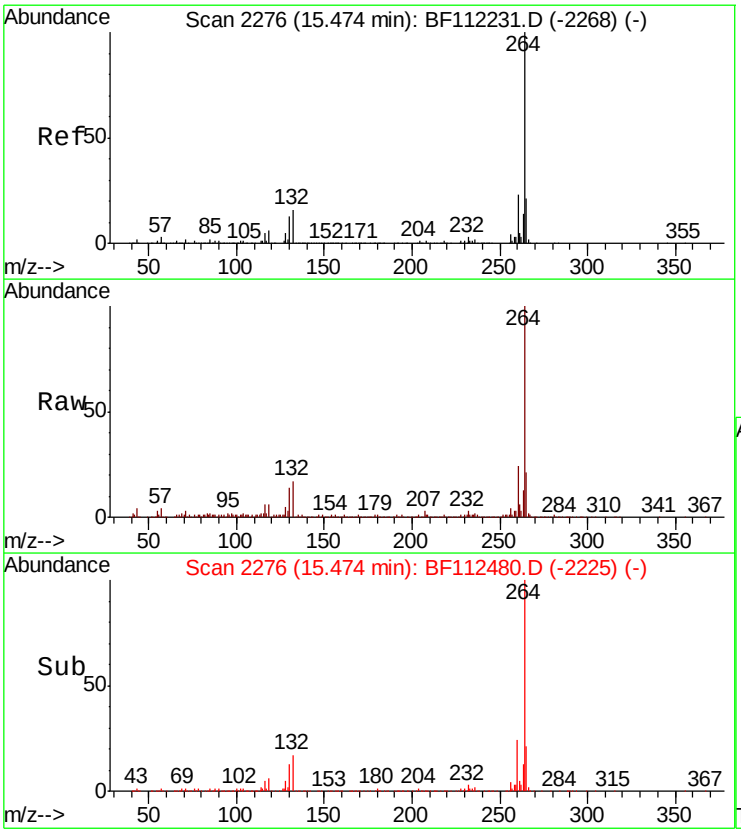
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.927 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 38882

Ion	Ratio	Lower	Upper
276	100		
138	22.7	22.6	34.0
277	22.3	20.3	30.5

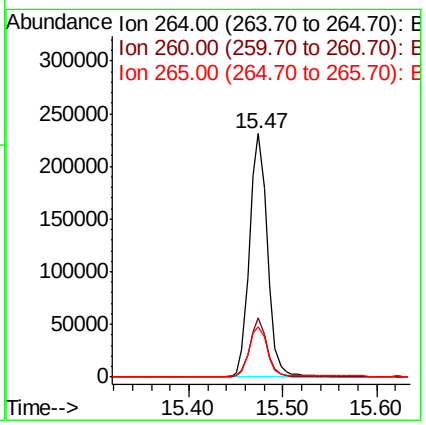


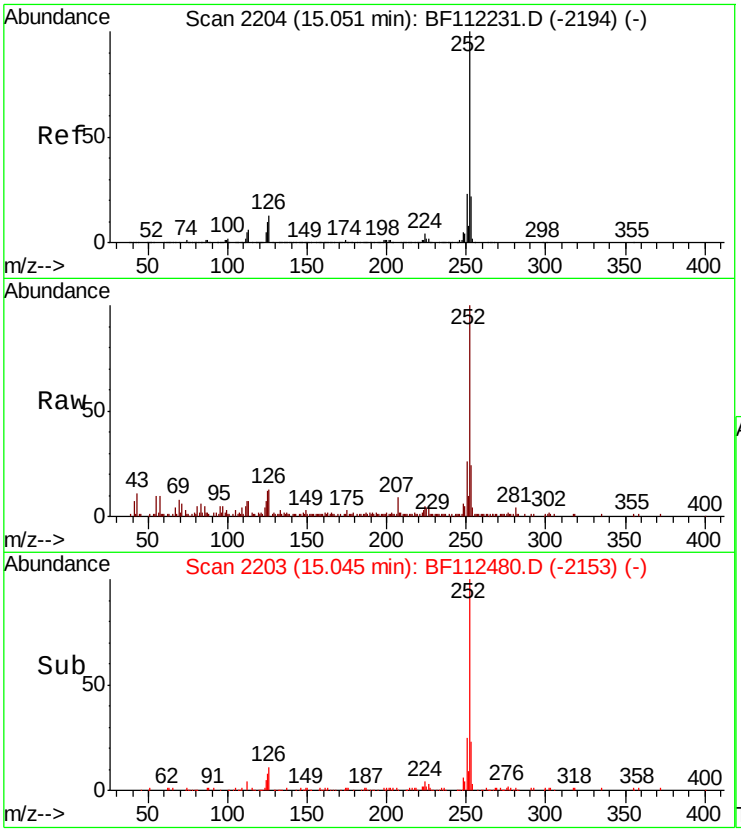


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion:264 Resp: 307900

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.2
265	20.8	17.0	25.4



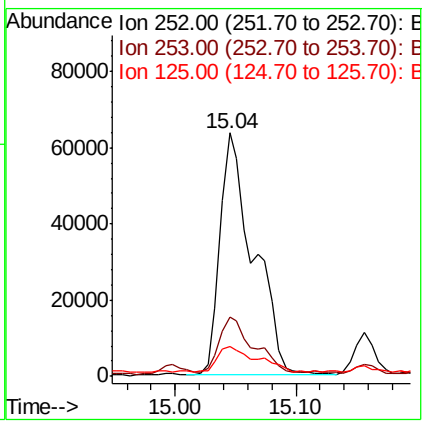


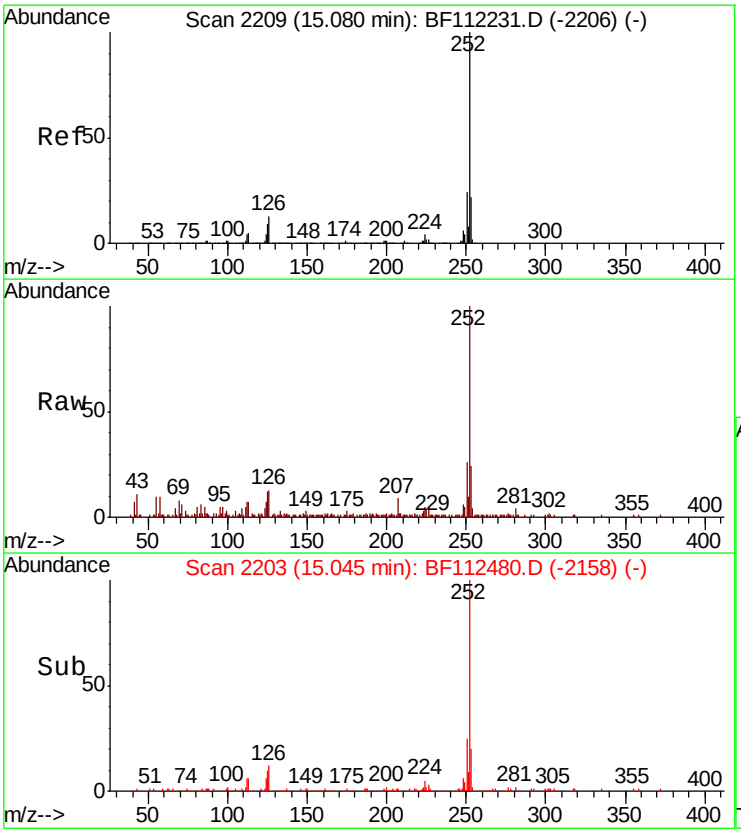
#88
Benzo(b)fluoranthene
Concen: 6.650 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 122460

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	12.2	8.7	13.1

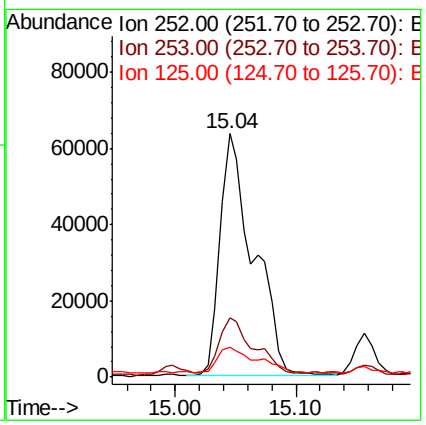


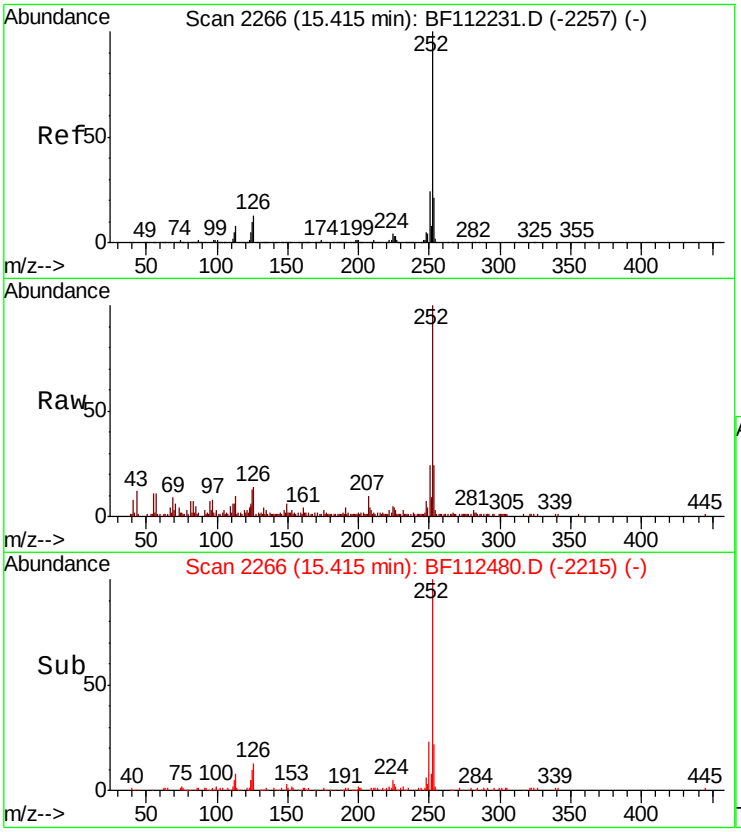


#89
Benzo(k)fluoranthene
Concen: 6.943 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion:252 Resp: 122460

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	12.2	9.1	13.7



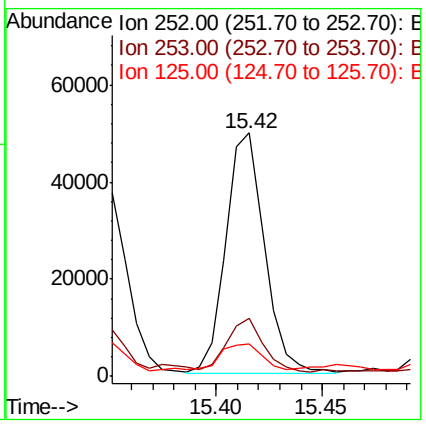


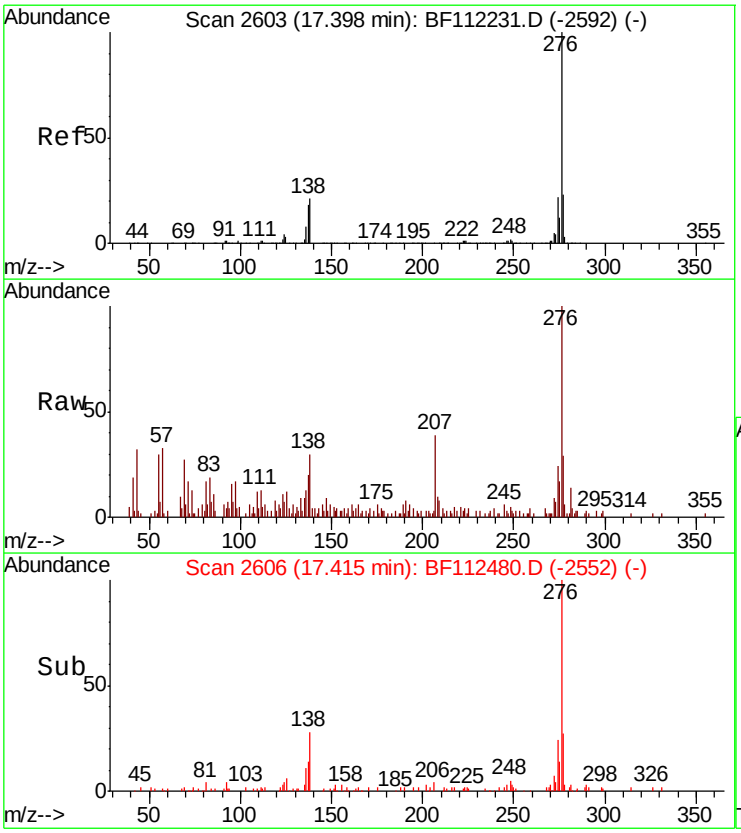
#90
Benzo(a)pyrene
Concen: 3.796 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 62895

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	13.4	9.0	13.4





#92
Benzo(g,h,i)perylene
Concen: 3.123 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.02 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion:276 Resp: 39341

Ion	Ratio	Lower	Upper
276	100		
277	28.6	19.4	29.0
138	29.6	19.1	28.7#