Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121166.D
Acq On : 31 Jul 2020 19:01
Operator : JU/CG
Sample : L3481-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-72-12012

Quant Time: Jul 31 23:11:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	131955	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	503722	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	257603	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	479236	20.00	ng	0.00
76) Chrysene-d12	13.96	240	306507	20.00	ng	0.00
86) Perylene-d12	15.42	264	333553	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	659755	81.97	ng	0.00
7) Phenol-d6	6.43	99	804959	77.42	ng	-0.01
23) Nitrobenzene-d5	7.36	82	527078	60.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	228049	80.88	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	974360	56.47	ng	0.00
79) Terphenyl-d14	12.91	244	891124	63.20	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.33	117	81309	23.496	ng	# 1
22) Acetophenone	7.19	105	27085	2.396	ng	# 42
25) Isophorone	7.36	82	508256	29.254	ng	# 62
31) Naphthalene	8.10	128	192631	7.455	ng	98
37) 2-Methylnaphthalene	8.79	142	281715	16.792	ng	99
38) 1-Methylnaphthalene	8.89	142	144783	9.112	ng	98
50) Dimethylphthalate	9.55	163	185599	9.987	ng	98
52) Acenaphthene	9.86	154	51198	3.236	ng	99
58) Fluorene	10.38	166	65217	3.821	ng	99
65) 4,6-Dinitro-2-methylphenol	10.63	198	386	3.971	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	13208	2.472	ng	# 1
71) Phenanthrene	11.35	178	366735	14.879	ng	99
72) Anthracene	11.40	178	106263	4.294	ng	99
75) Fluoranthene	12.53	202	381681	13.971	ng	98
78) Pyrene	12.76	202	297181	13.714	ng	99
81) Benzo(a)anthracene	13.95	228	128682	6.933	ng	99
83) Chrysene	13.99	228	105948	5.432	ng	95
87) Indeno(1,2,3-cd)pyrene	16.84	276	49413	2.130	ng	98
88) Benzo(b)fluoranthene	14.99	252	162410	8.055	ng	98
89) Benzo(k)fluoranthene	14.99	252	162410	8.833	ng	98
90) Benzo(a)pyrene	15.35	252	81288	4.419	ng	99
92) Benzo(g,h,i)perylene	17.27	276	53890	2.884	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121166.D
Acq On : 31 Jul 2020 19:01
Operator : JU/CG
Sample : L3481-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Quant Time: Jul 31 23:11:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
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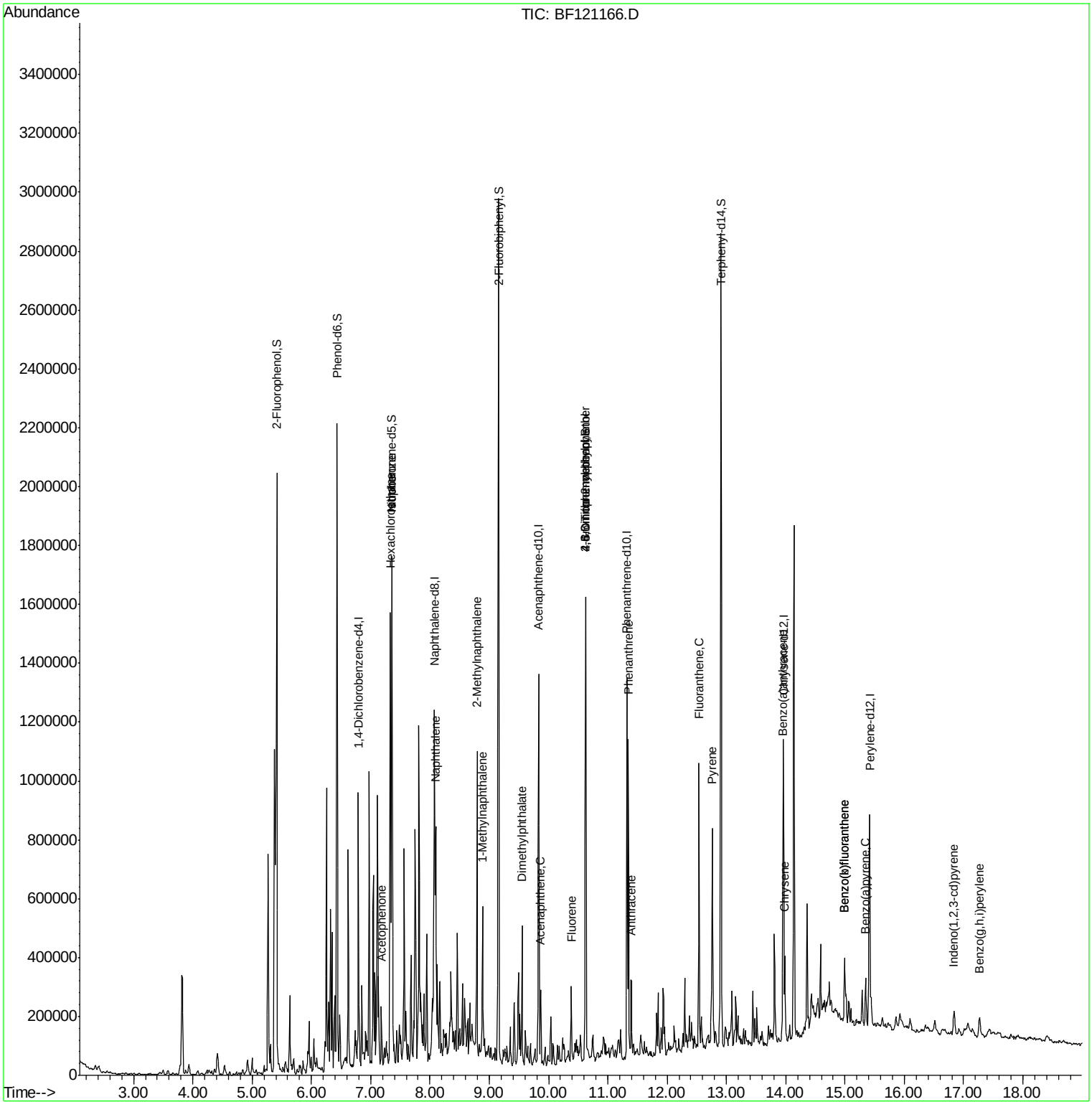
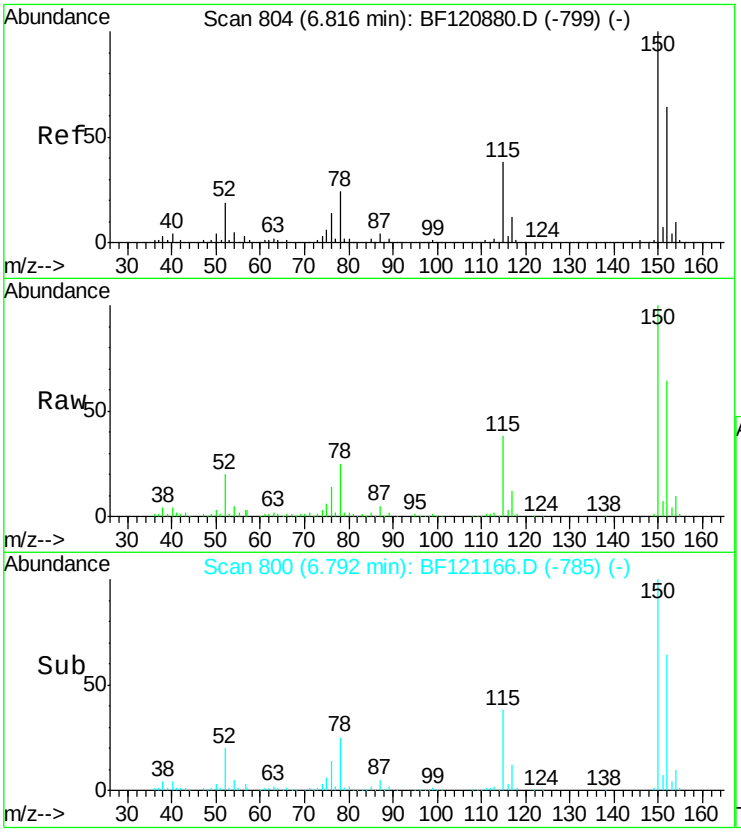


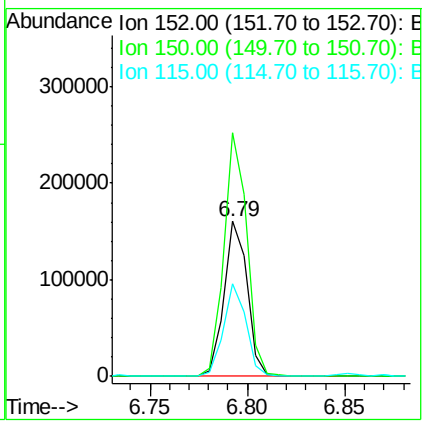


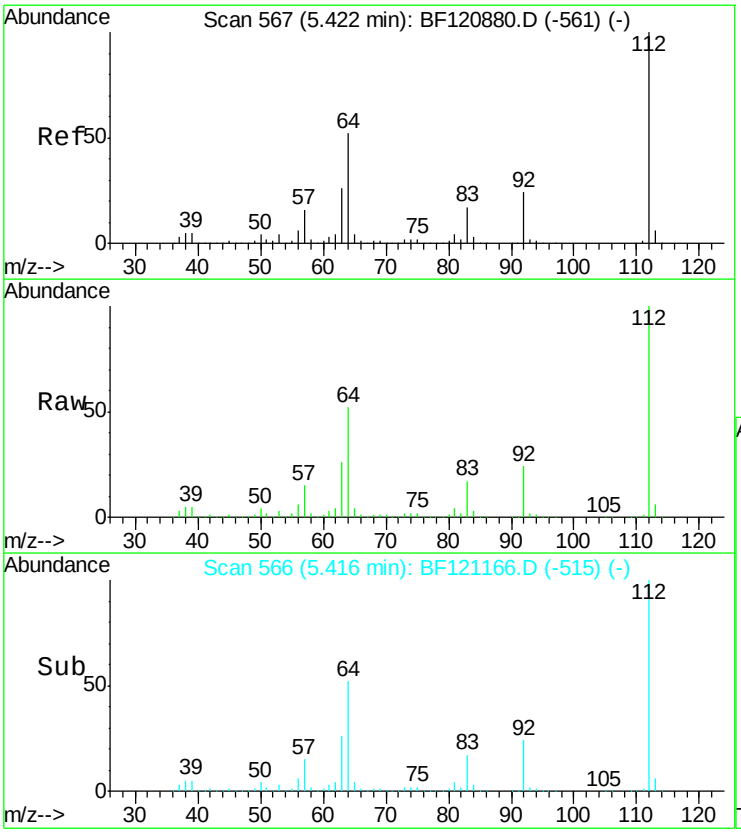
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion:152 Resp: 131955

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.6	188.4
115	60.1	46.2	69.2

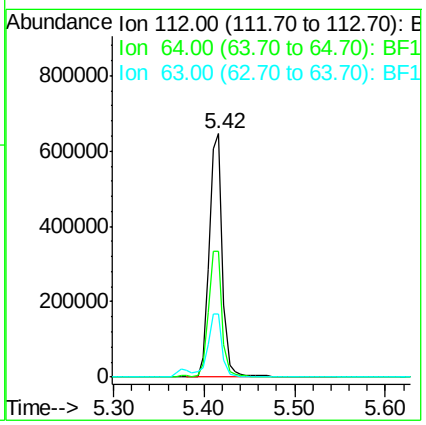




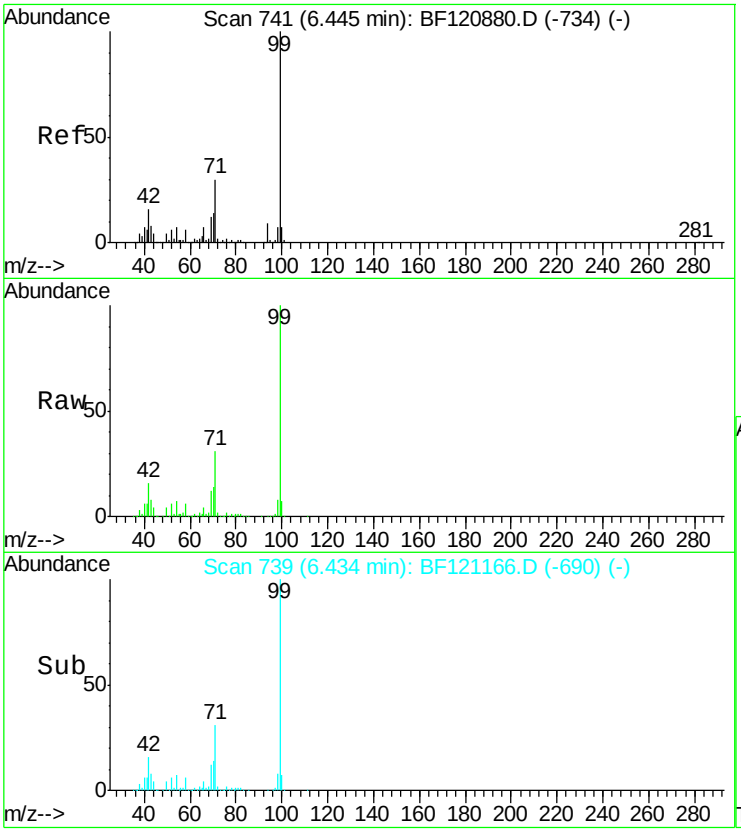
#5
2-Fluorophenol
Concen: 81.965 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:112 Resp: 659755

Ion	Ratio	Lower	Upper
112	100		
64	51.8	43.9	65.9
63	25.9	22.7	34.1



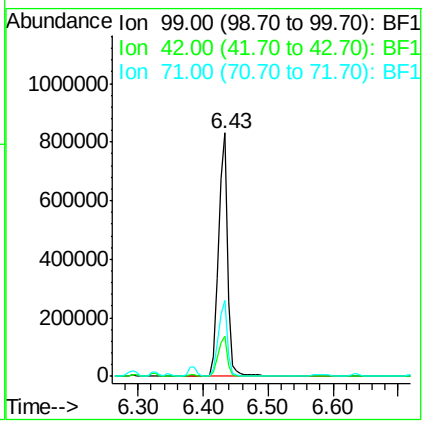
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

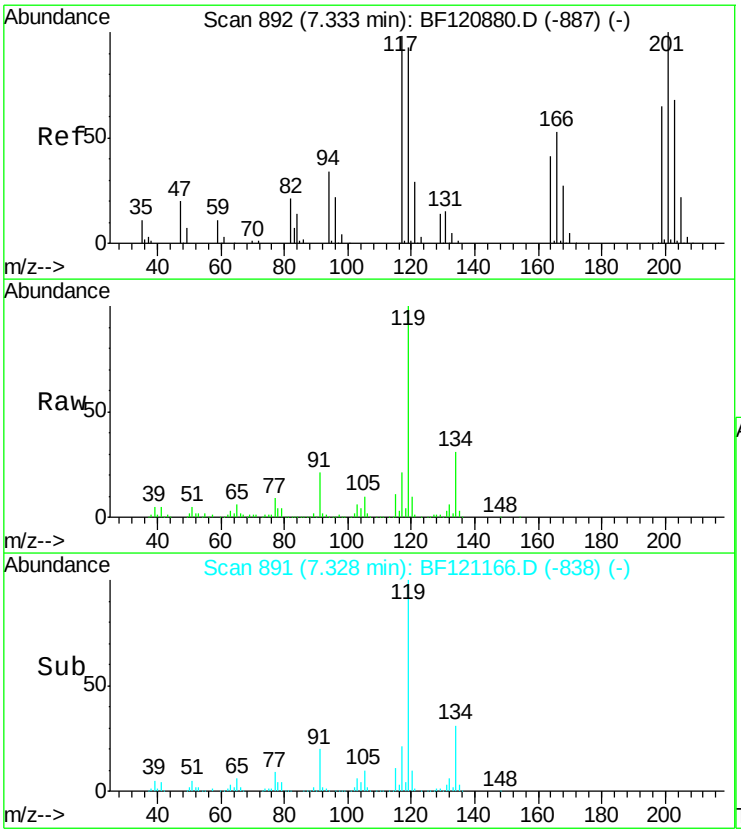


#7
Phenol-d6
Concen: 77.418 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion: 99 Resp: 804959

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	31.2	25.0	37.4

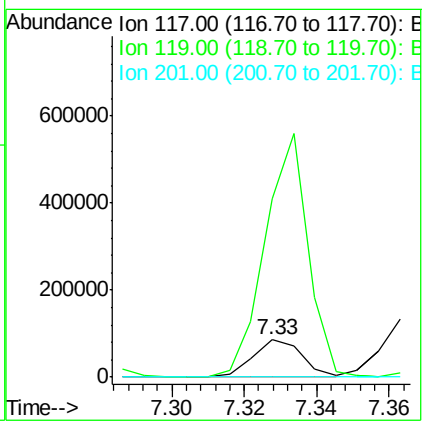


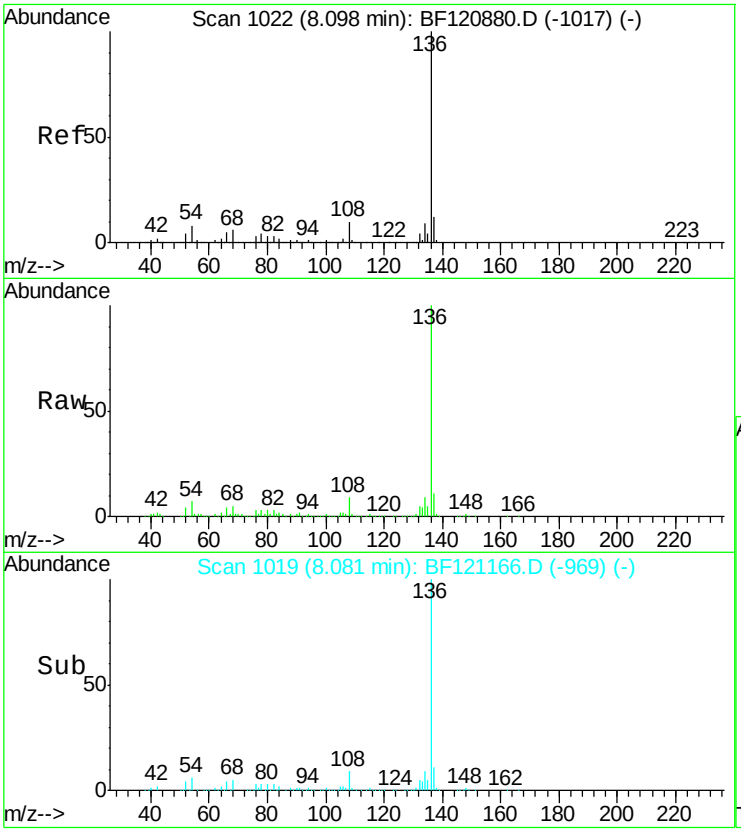


#18
Hexachloroethane
Concen: 23.496 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:117 Resp: 81309

Ion	Ratio	Lower	Upper
117	100		
119	484.4	76.6	114.8#
201	0.0	75.0	112.4#



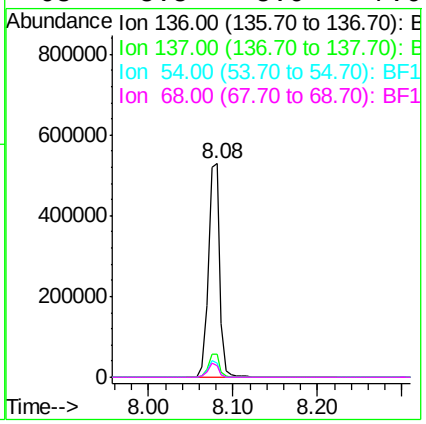


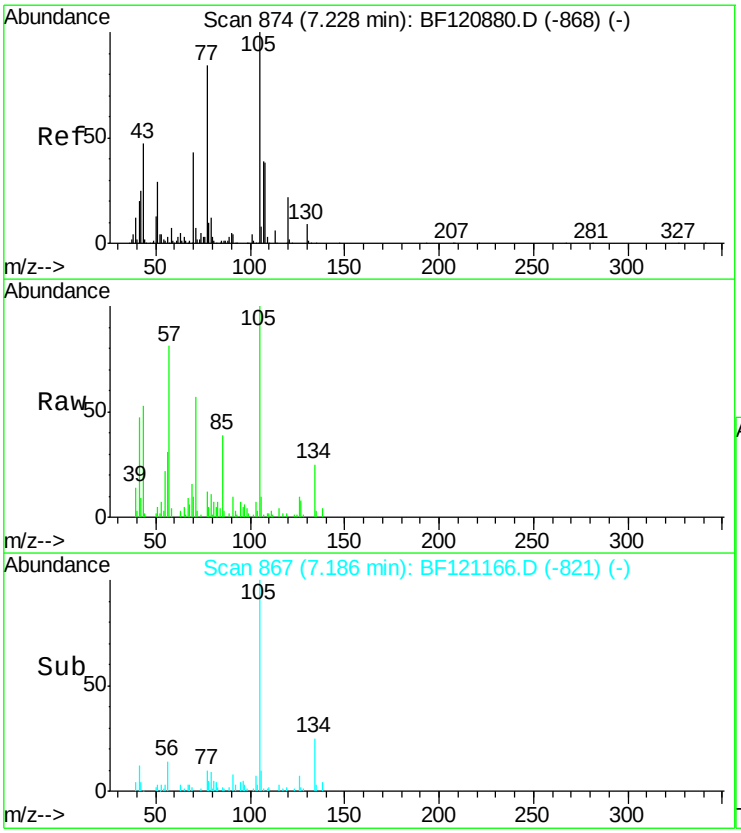
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion:136 Resp: 503722

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.6	6.1	9.1
68	5.5	5.0	7.6

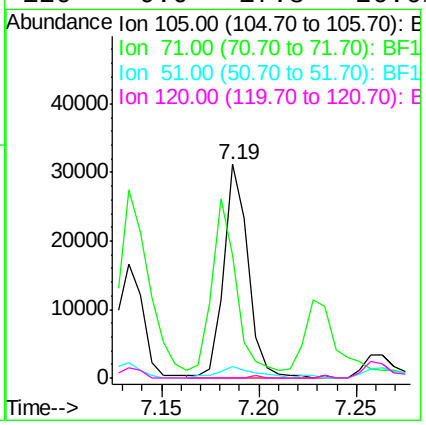


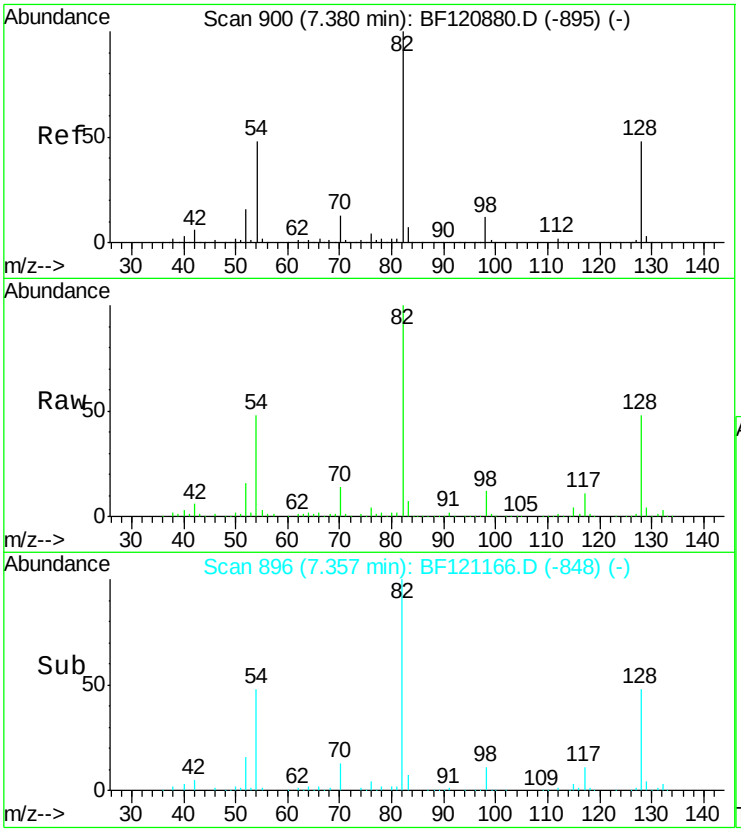


#22
Acetophenone
Concen: 2.396 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.03 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:105 Resp: 27085

Ion	Ratio	Lower	Upper
105	100		
71	57.5	3.8	5.8#
51	5.2	28.0	42.0#
120	0.0	17.8	26.6#



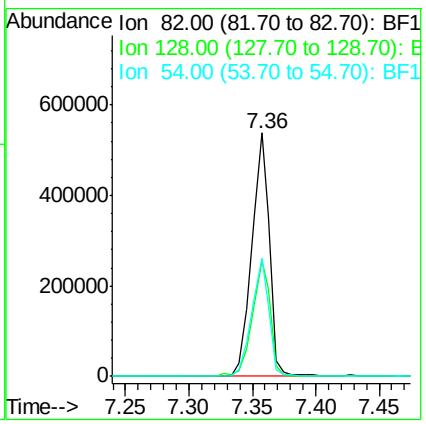


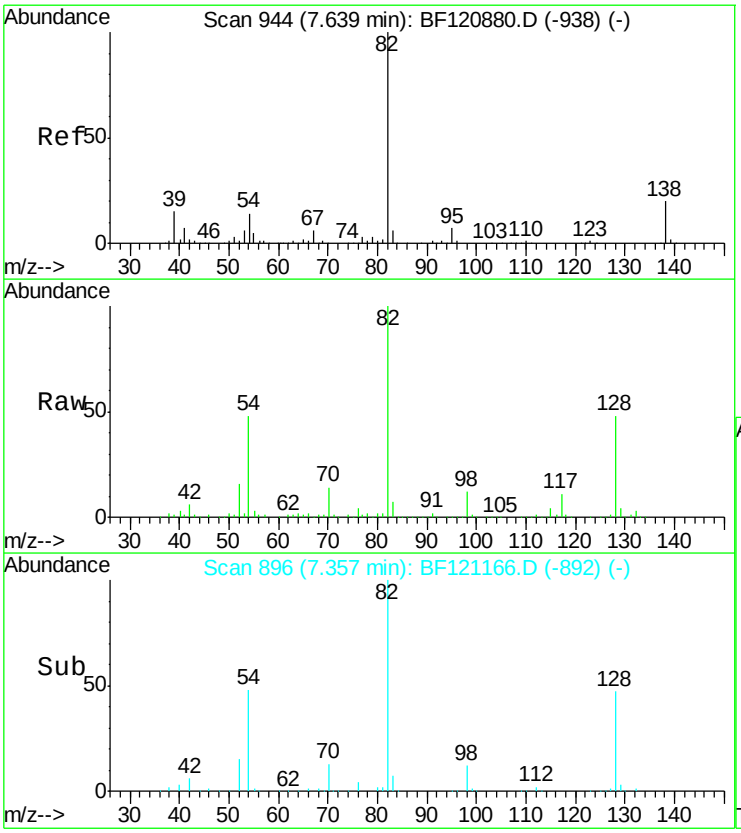
#23
Nitrobenzene-d5
Concen: 60.546 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion: 82 Resp: 527078

Ion	Ratio	Lower	Upper
82	100		
128	47.7	39.2	58.8
54	48.3	37.8	56.8

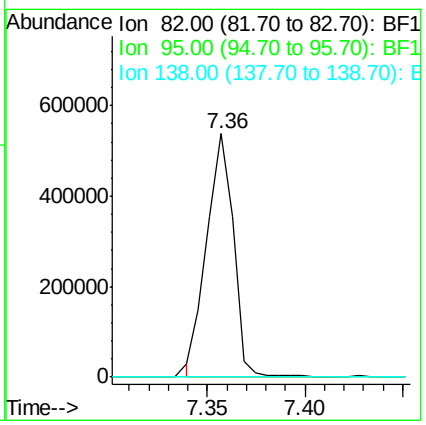


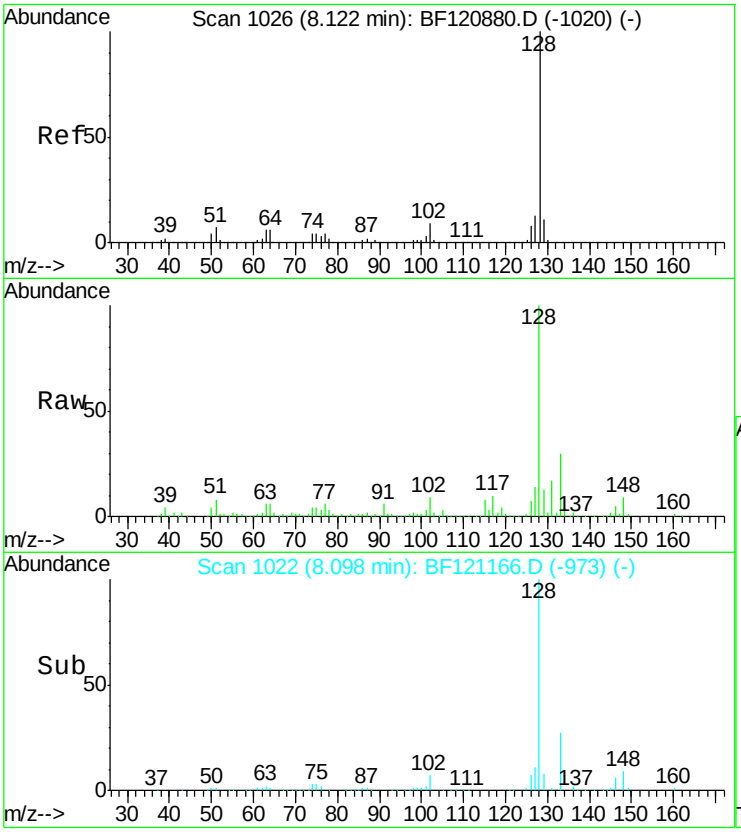


#25
Isophorone
Concen: 29.254 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion: 82 Resp: 508256

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.5	8.3#
138	0.0	16.2	24.2#



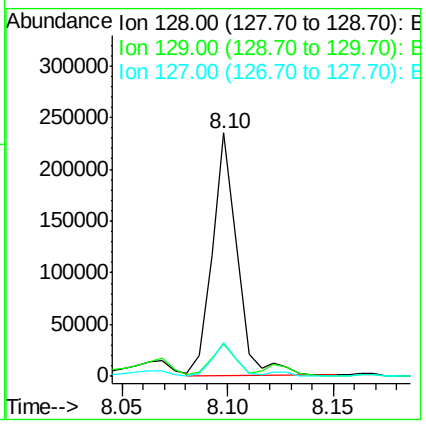


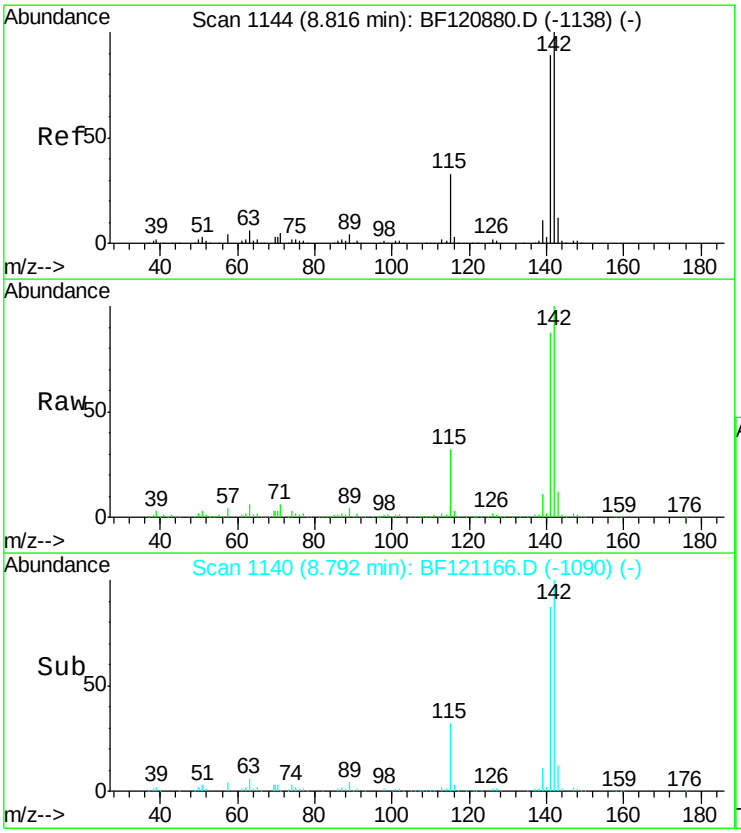
#31
Naphthalene
Concen: 7.455 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion:128 Resp: 192631

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.3	13.9
127	13.7	10.8	16.2

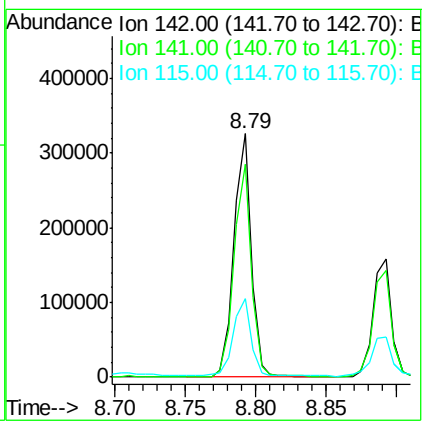


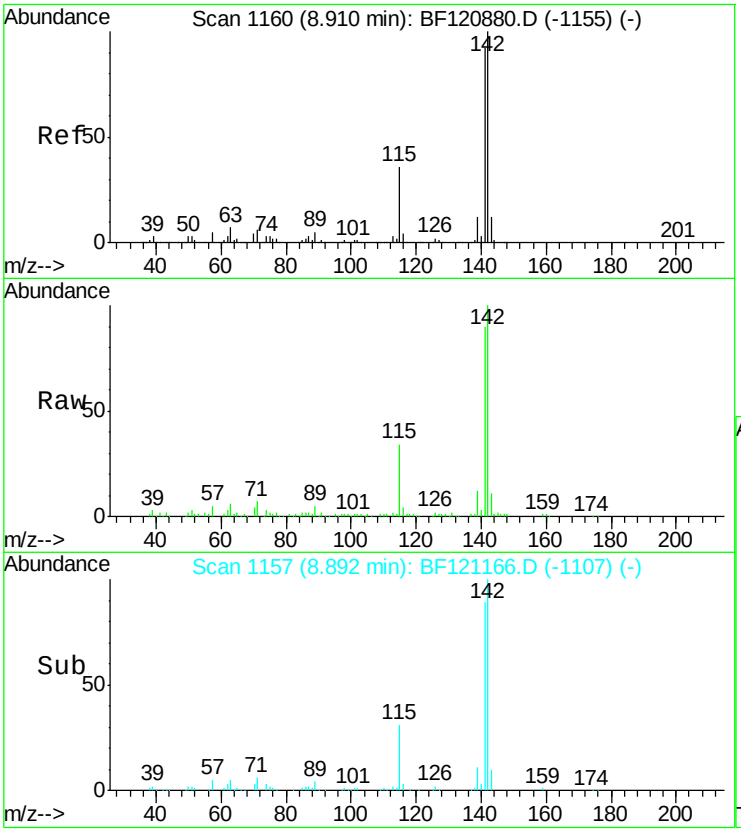


#37
2-Methylnaphthalene
Concen: 16.792 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:142 Resp: 281715

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.6	105.8
115	32.5	27.1	40.7



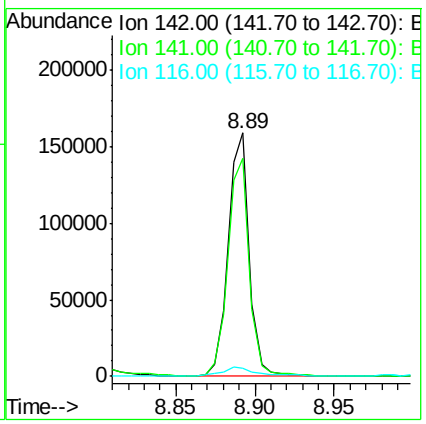


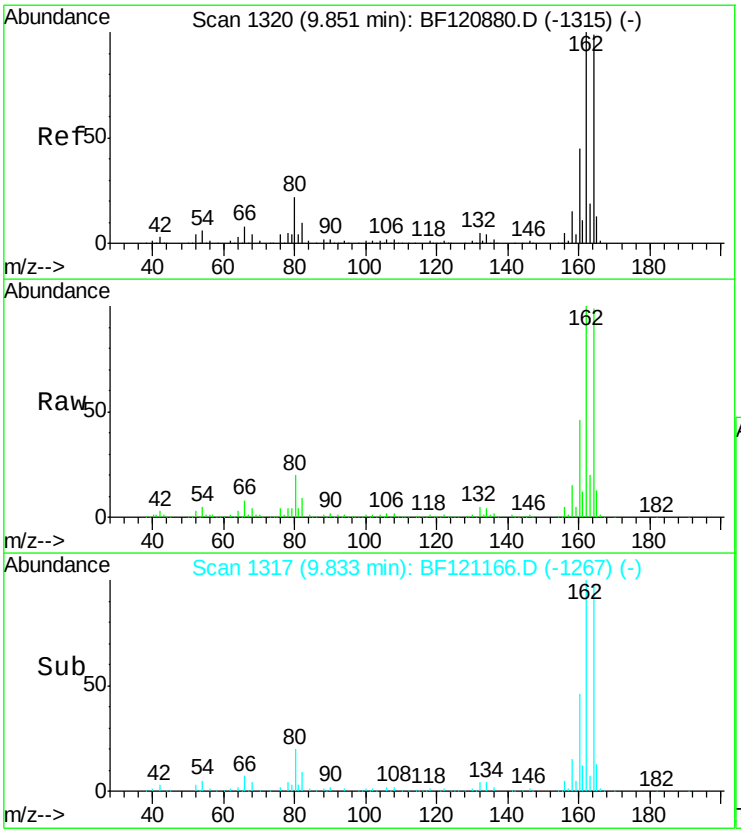
#38
1-Methylnaphthalene
Concen: 9.112 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion:142 Resp: 144783

Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.0	109.6
116	3.6	3.0	4.6

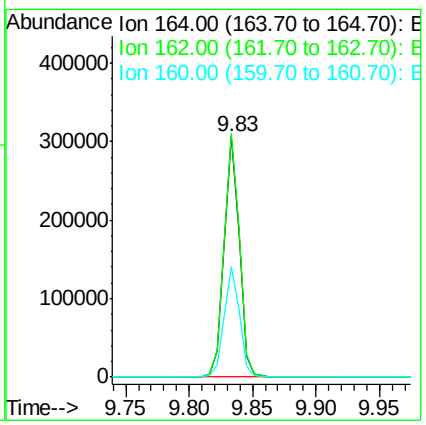


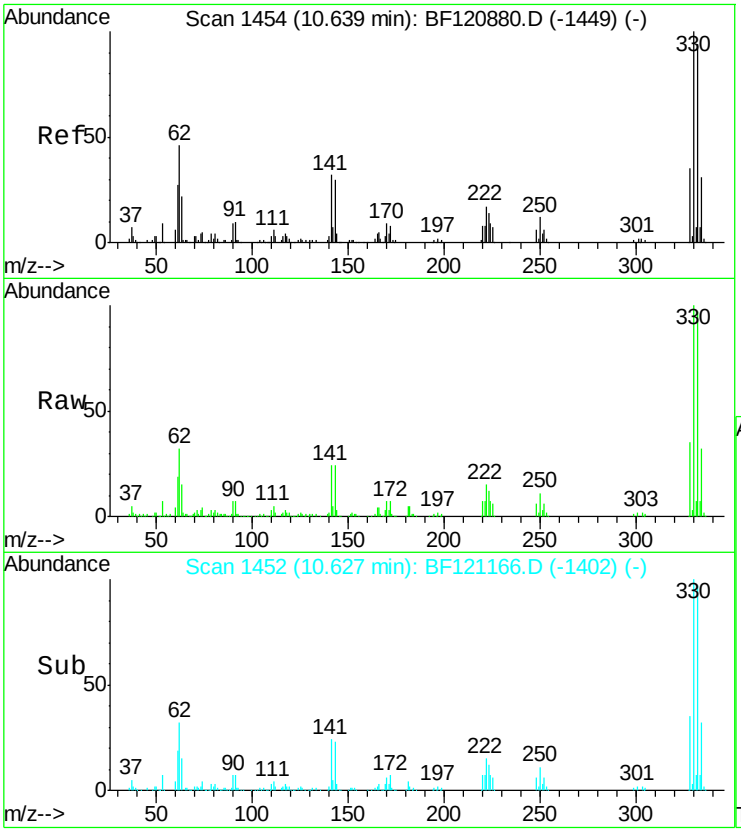


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:164 Resp: 257603

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.2
160	46.0	37.2	55.8



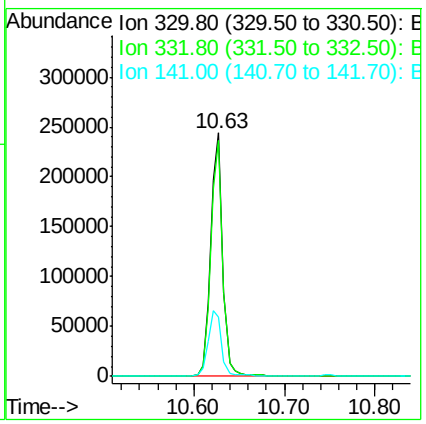


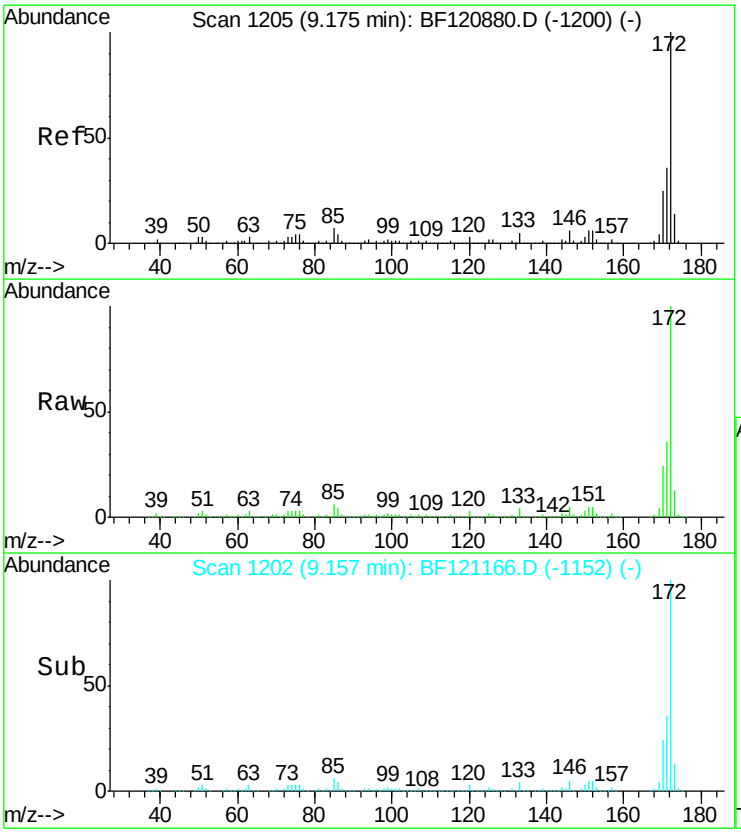
#42
2,4,6-Tribromophenol
Concen: 80.876 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion:330 Resp: 228049

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.1	114.1
141	29.9	24.1	36.1

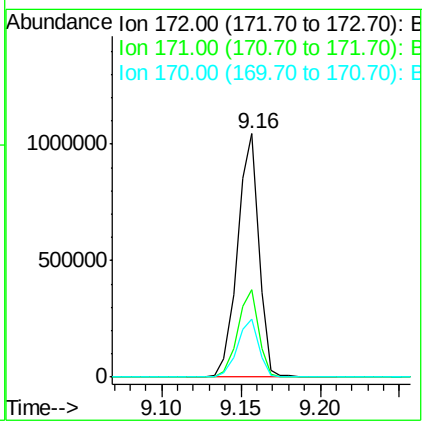


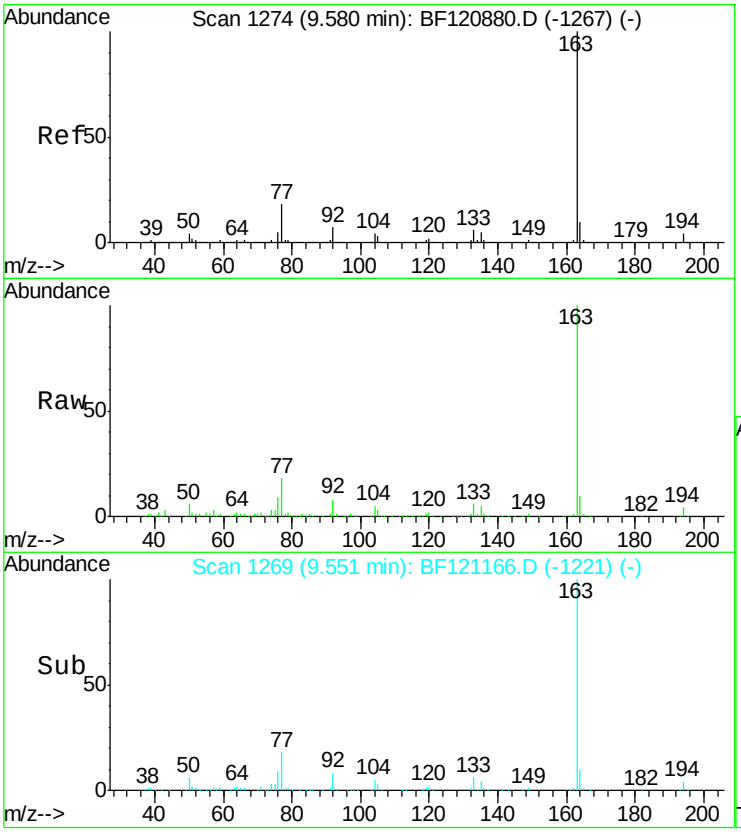


#45
2-Fluorobiphenyl
Concen: 56.473 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:172 Resp: 974360

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.1	19.6	29.4



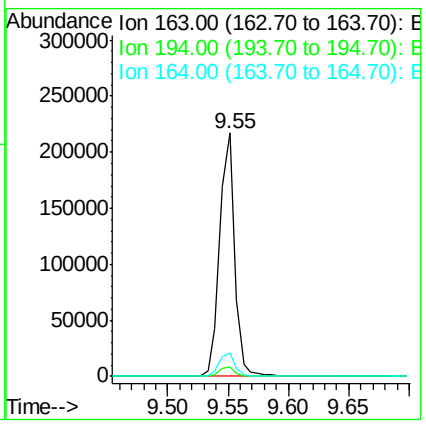


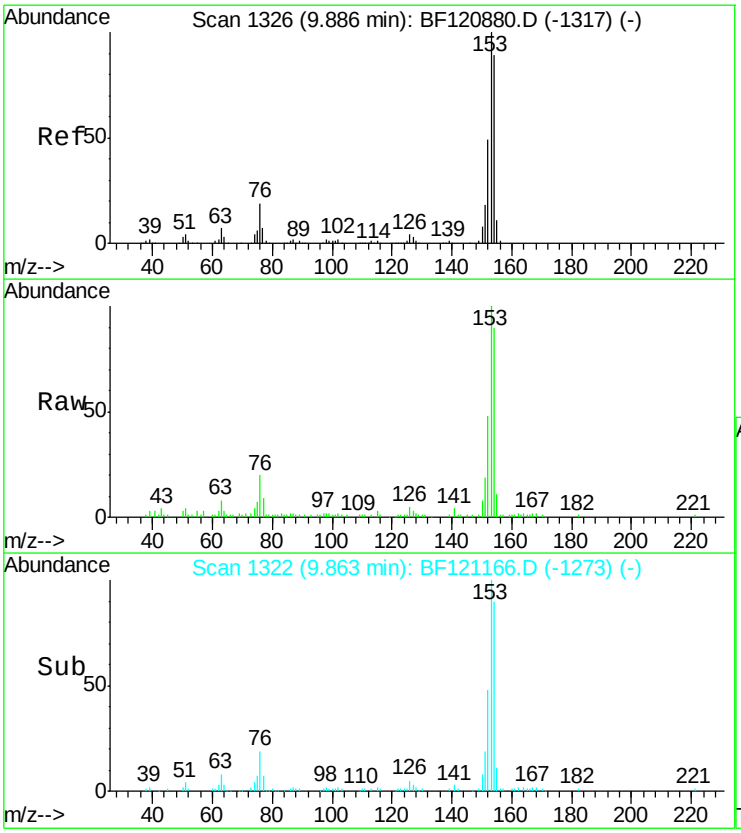
#50
Dimethylphthalate
Concen: 9.987 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion:163 Resp: 185599

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.7	8.4	12.6

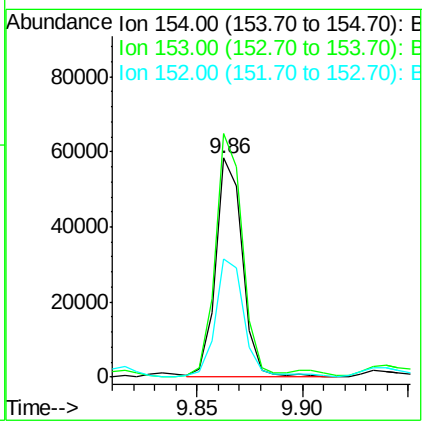


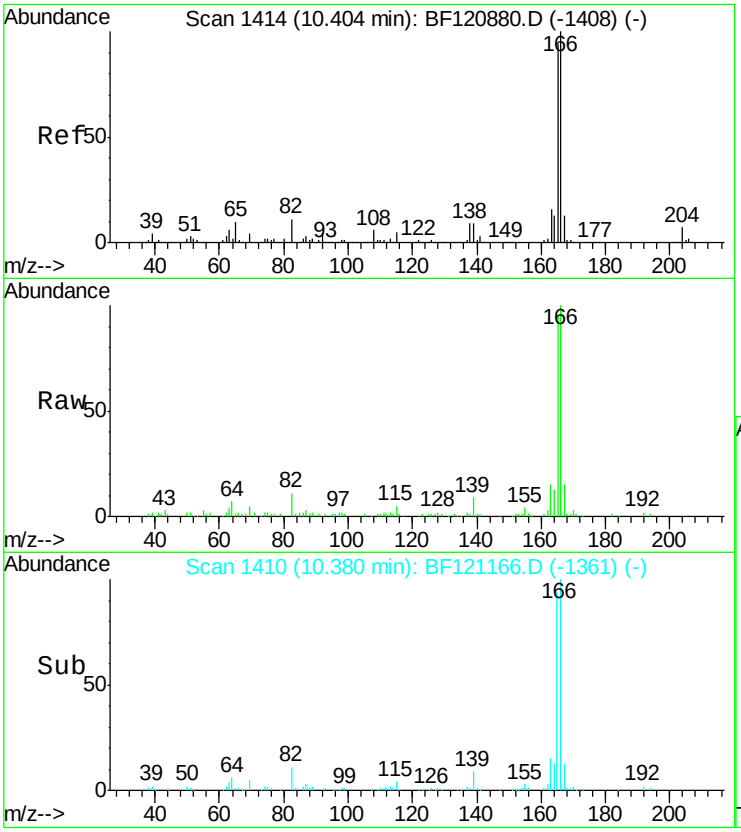


#52
Acenaphthene
Concen: 3.236 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:154 Resp: 51198

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.6	134.4
152	53.7	43.8	65.6



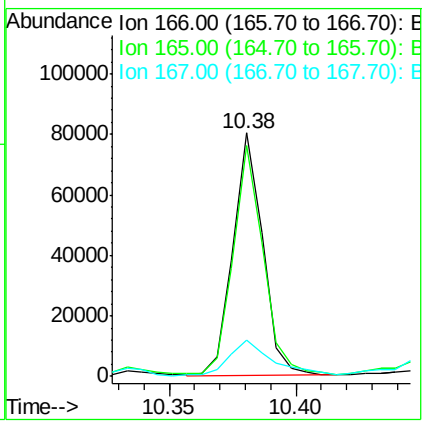


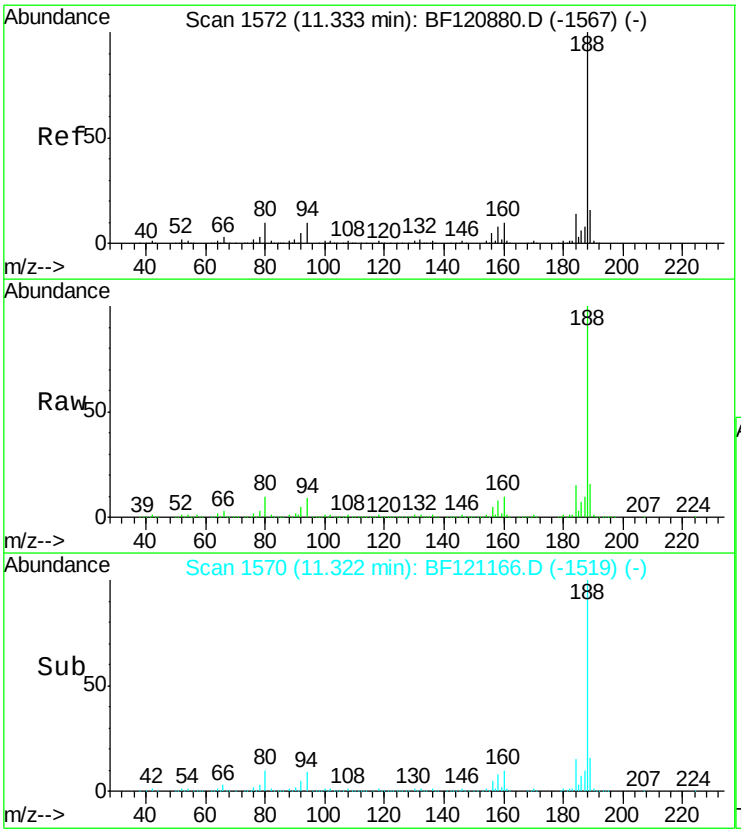
#58
Fluorene
Concen: 3.821 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion:166 Resp: 65217

Ion	Ratio	Lower	Upper
166	100		
165	94.8	76.4	114.6
167	15.1	10.7	16.1

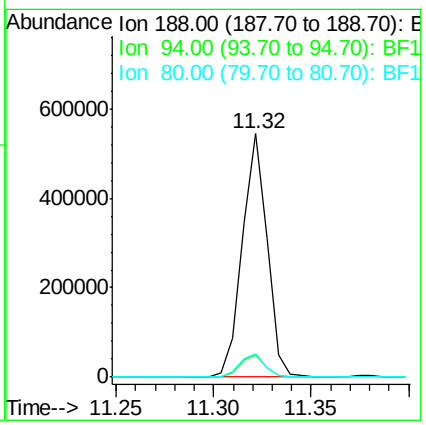


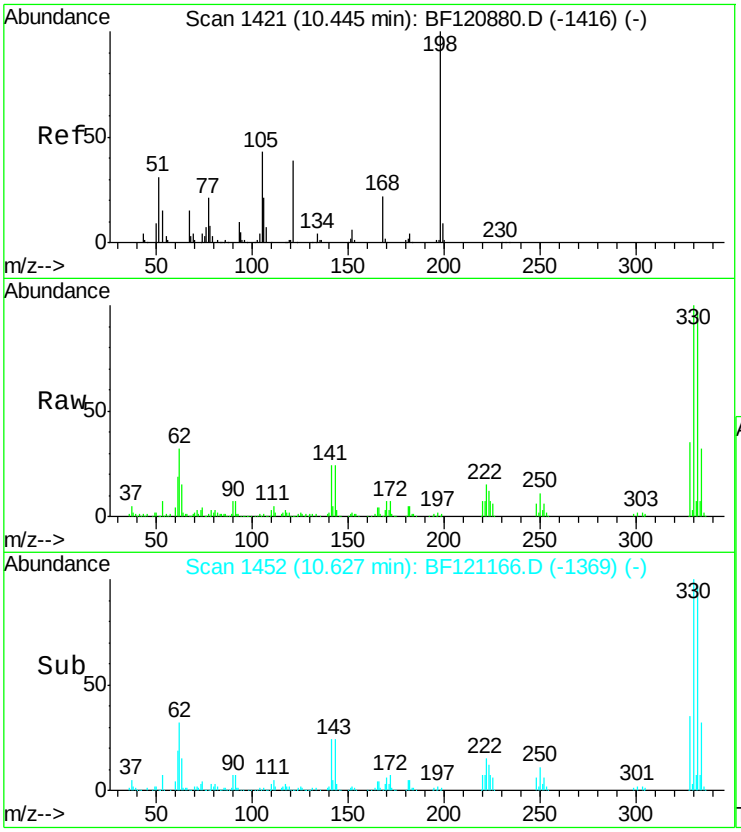


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:188 Resp: 479236

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.0	12.0
80	9.6	8.3	12.5



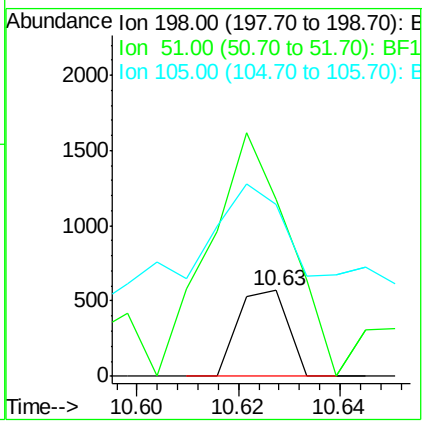


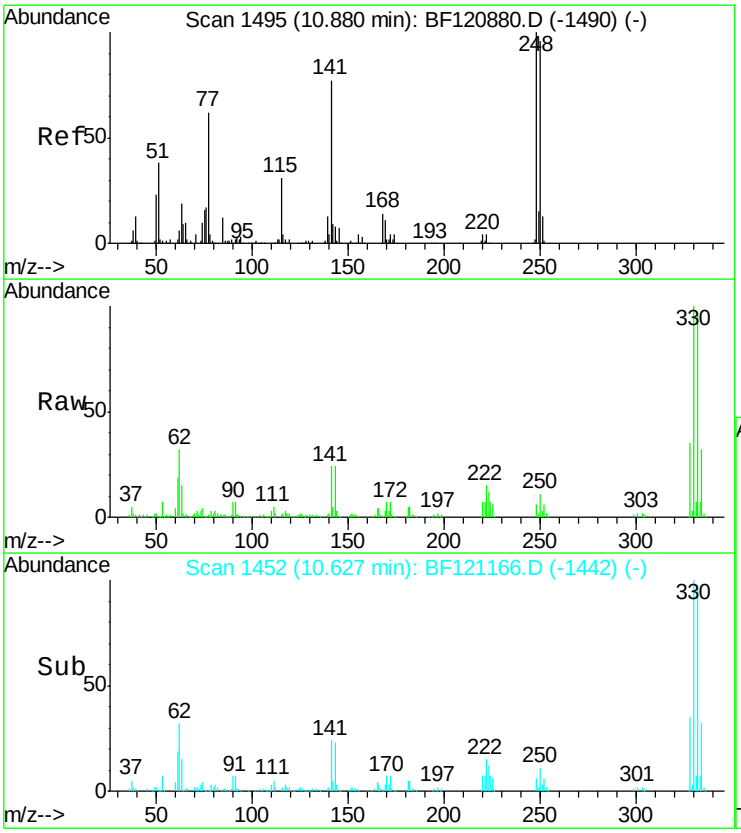
#65
4,6-Dinitro-2-methylphenol
Concen: 3.971 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion:198 Resp: 386

Ion	Ratio	Lower	Upper
198	100		
51	207.4	23.4	63.4#
105	201.1	23.7	63.7#

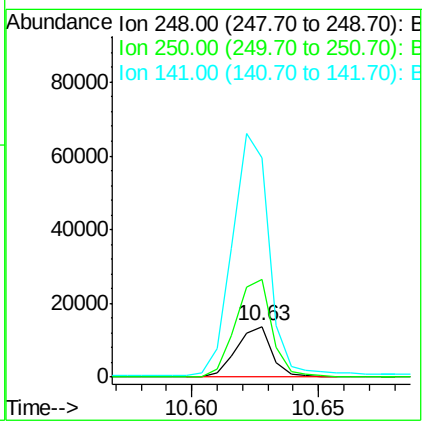


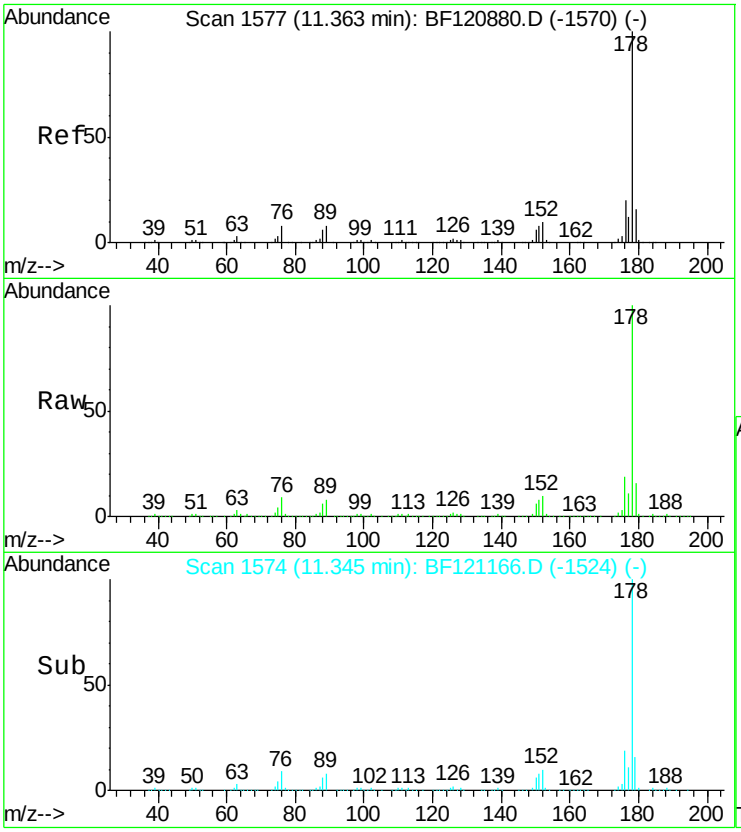


#67
4-Bromophenyl-phenylether
Concen: 2.472 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:248 Resp: 13208

Ion	Ratio	Lower	Upper
248	100		
250	194.0	77.0	115.6#
141	432.0	56.6	85.0#



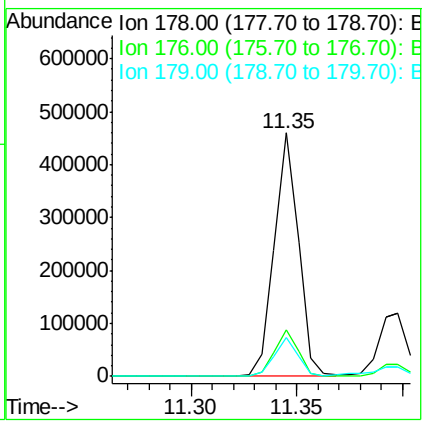


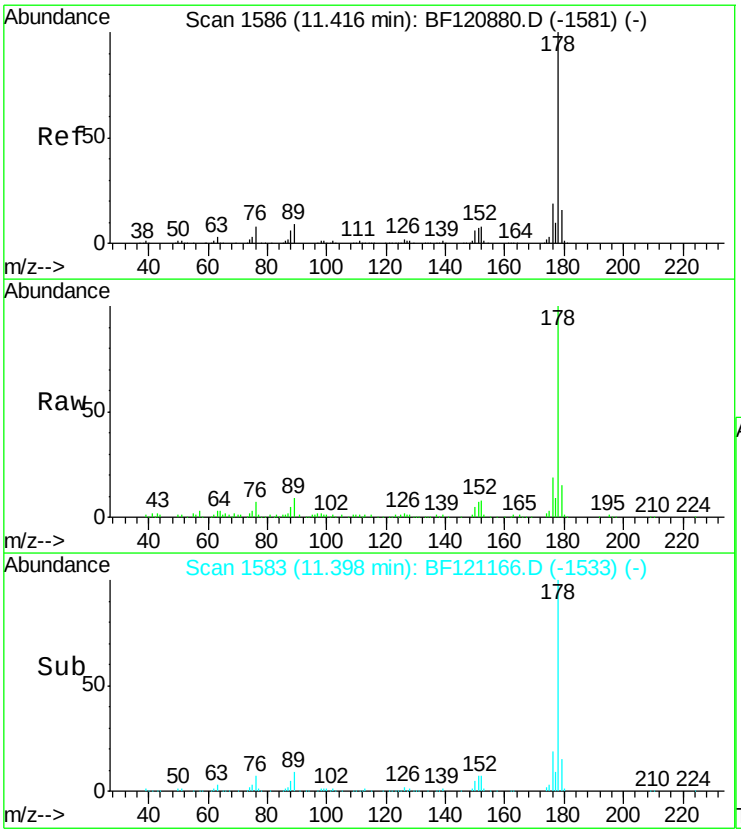
#71
Phenanthrene
Concen: 14.879 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion:178 Resp: 366735

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	15.8	12.6	19.0

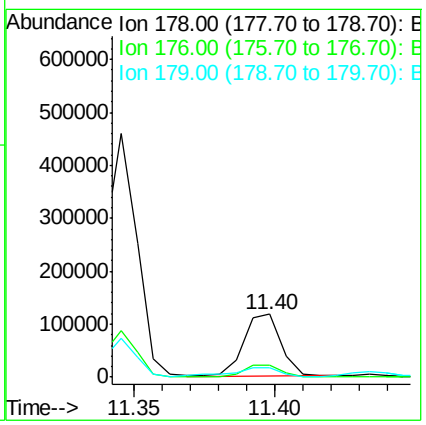


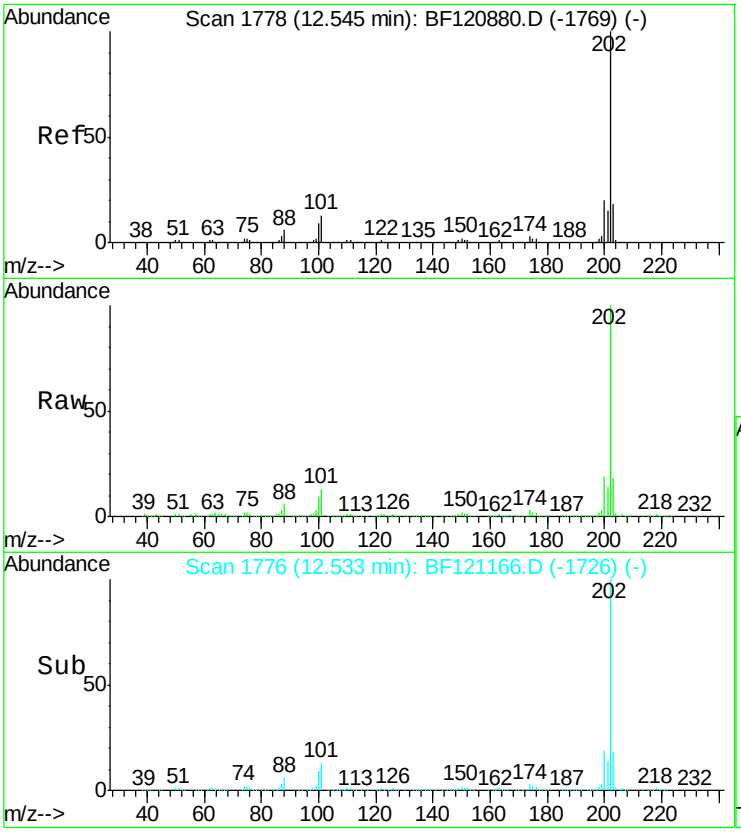


#72
Anthracene
Concen: 4.294 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:178 Resp: 106263

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.3	12.6	19.0



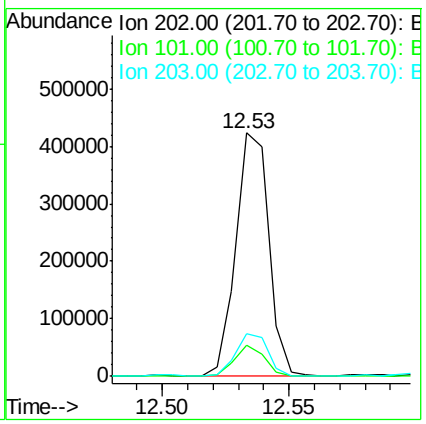


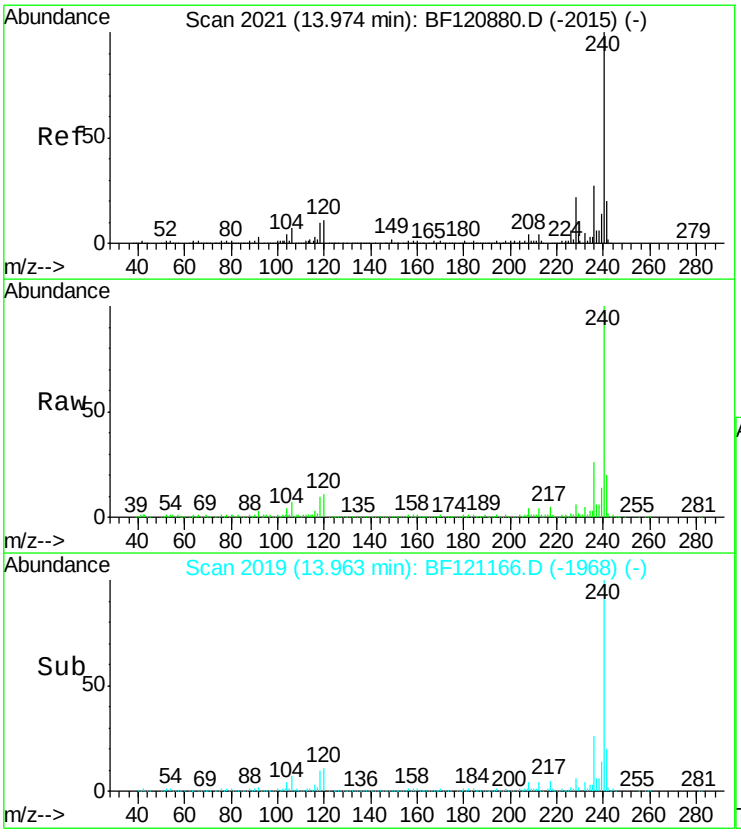
#75
Fluoranthene
Concen: 13.971 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion:202 Resp: 381681

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.5
203	17.6	0.0	37.7

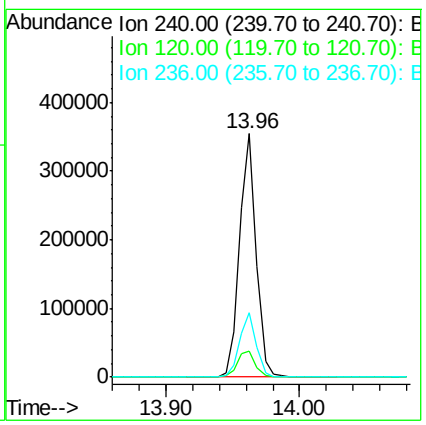


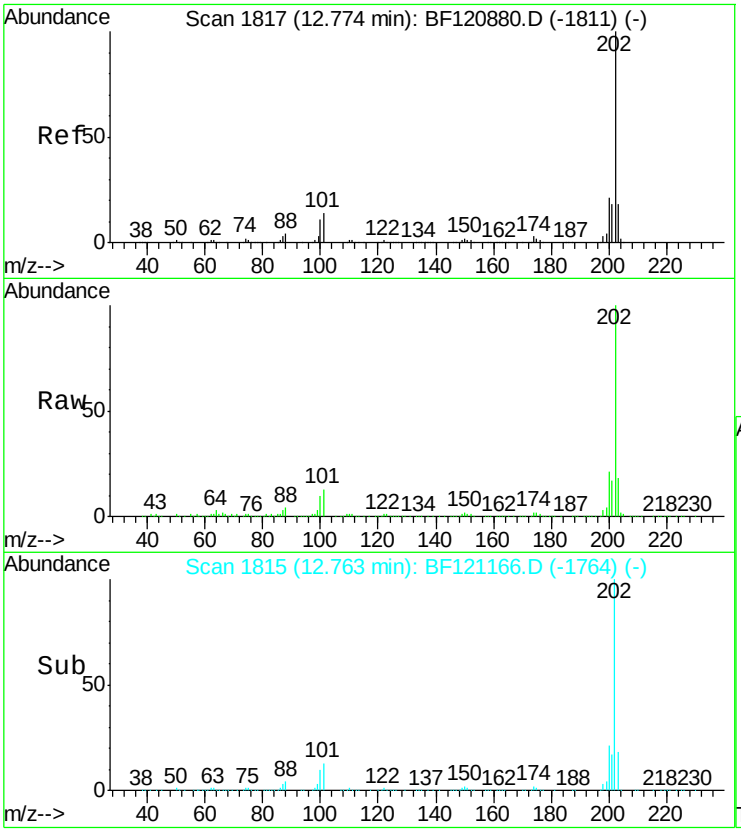


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:240 Resp: 306507

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.3	13.9
236	26.3	21.1	31.7



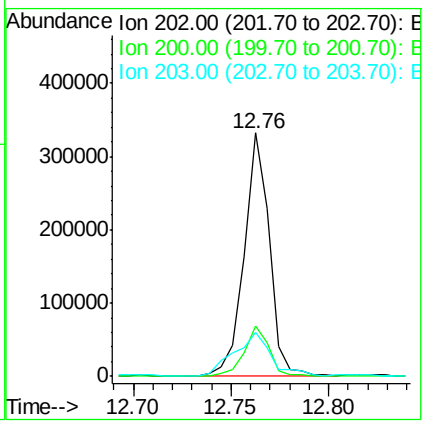


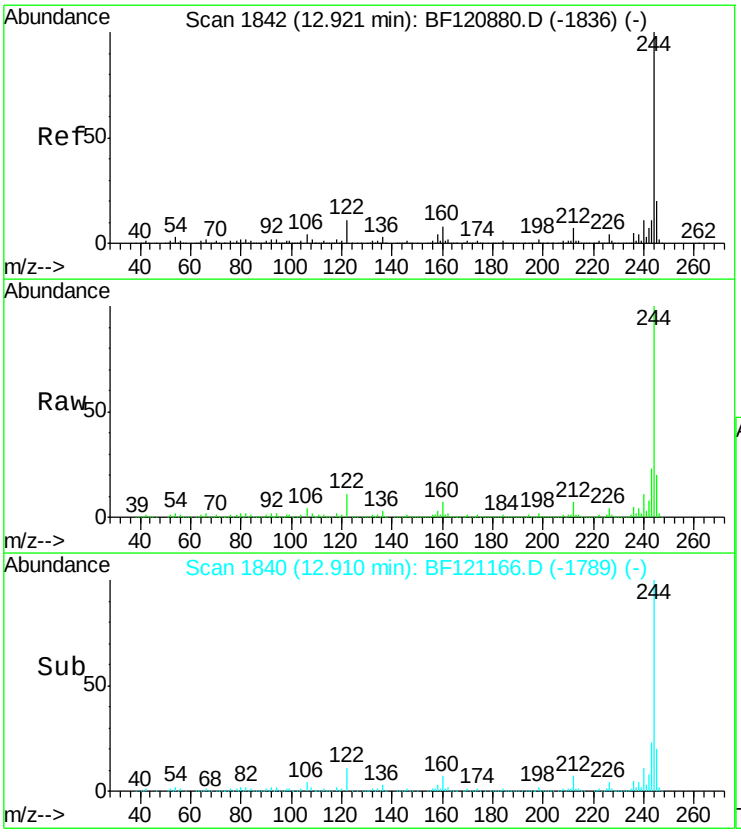
#78
Pyrene
Concen: 13.714 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion:202 Resp: 297181

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.6
203	18.1	14.6	21.8

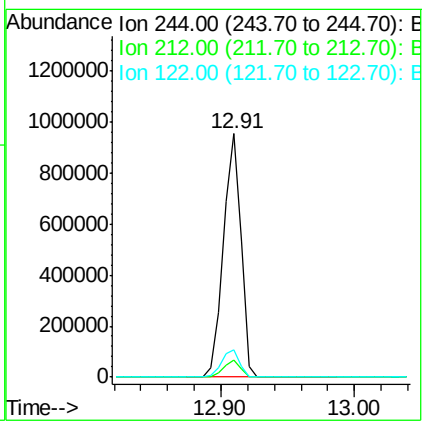


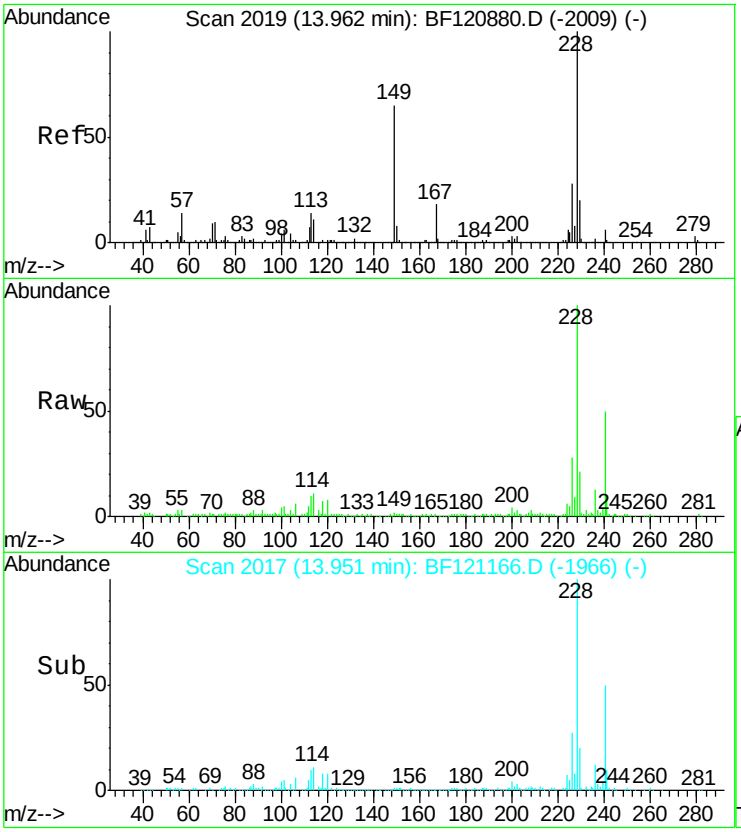


#79
Terphenyl-d14
Concen: 63.200 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:244 Resp: 891124

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.0	8.3	12.5



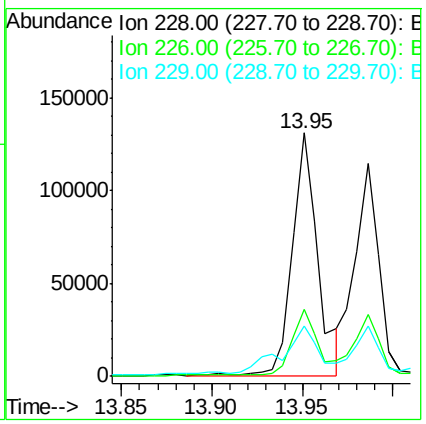


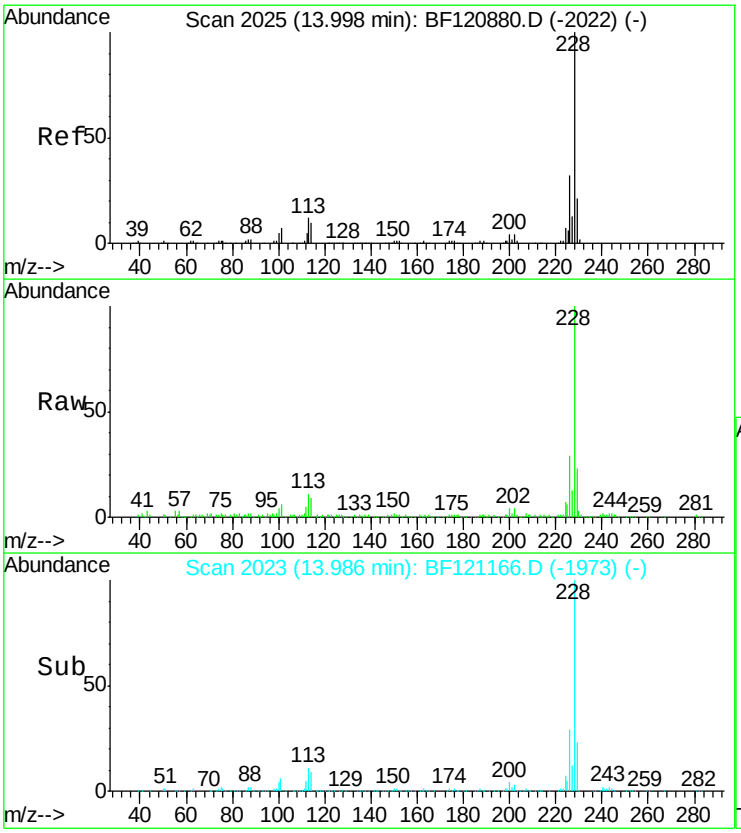
#81
Benzo(a)anthracene
Concen: 6.933 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion:228 Resp: 128682

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	34.0
229	20.7	16.1	24.1

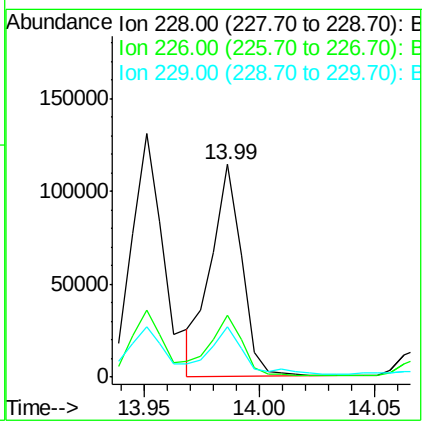


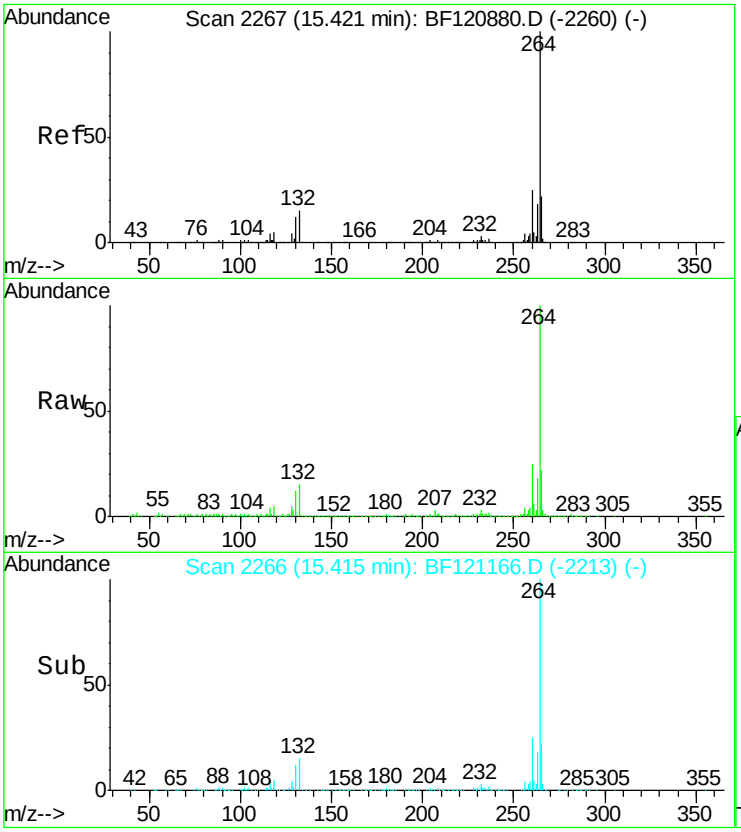


#83
Chrysene
Concen: 5.432 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:228 Resp: 105948

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.4	38.0
229	23.5	16.2	24.4



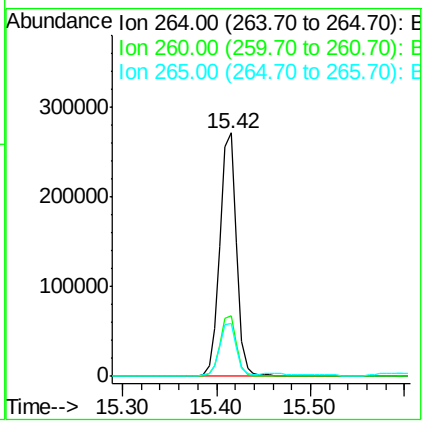


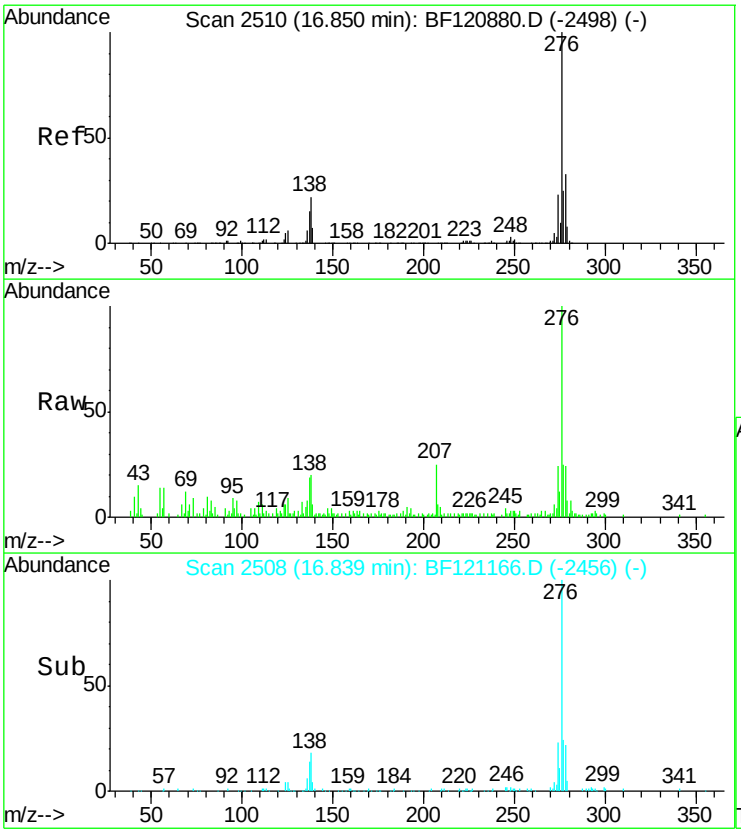
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion:264 Resp: 333553

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	21.8	17.8	26.8

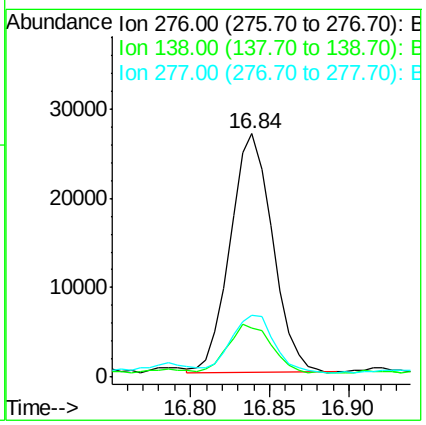


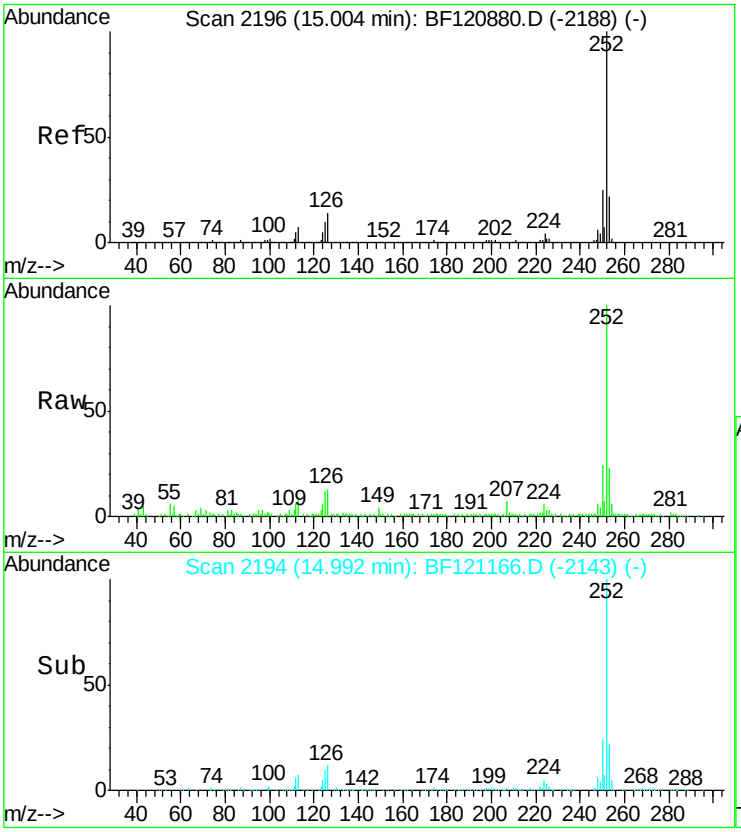


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.130 ng
RT: 16.84 min Scan# 2508
Delta R.T. 0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:276 Resp: 49413

Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.3	28.9
277	25.0	20.1	30.1



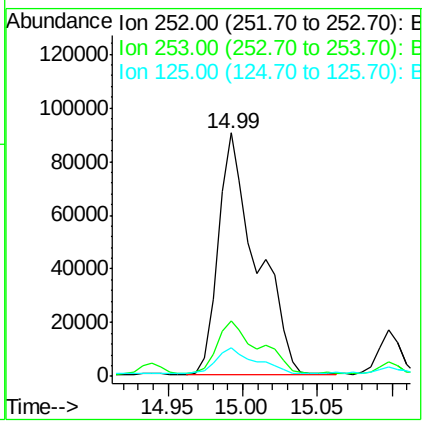


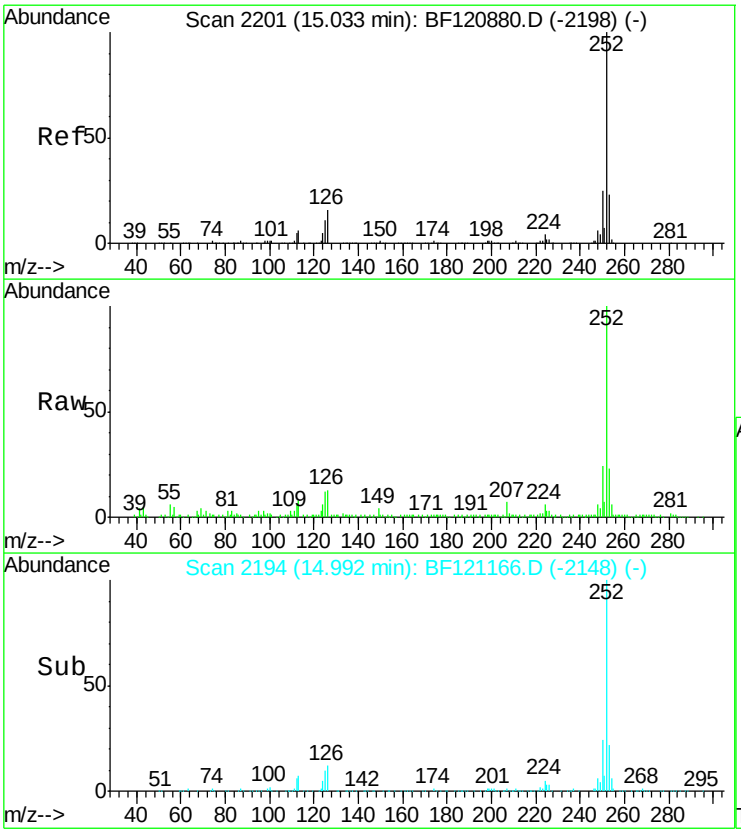
#88
Benzo(b)fluoranthene
Concen: 8.055 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion:252 Resp: 162410

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	11.5	8.1	12.1

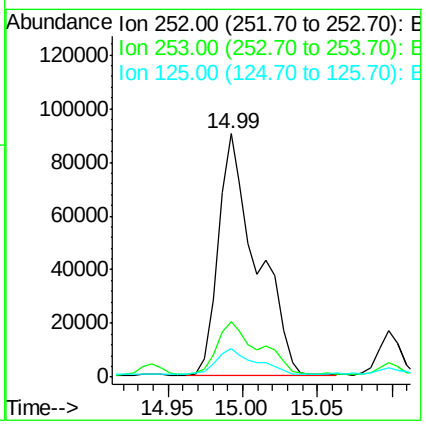


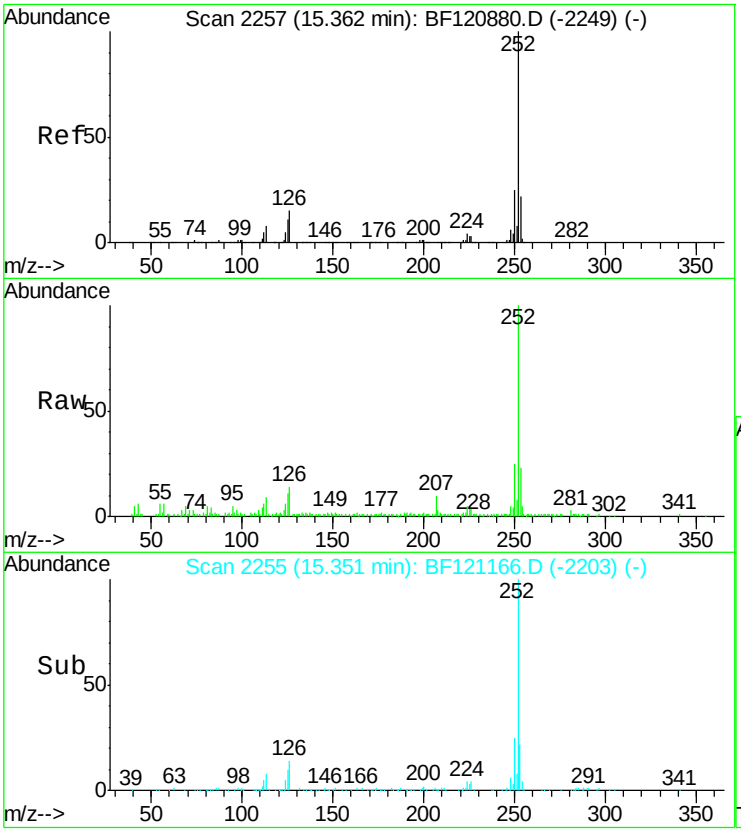


#89
Benzo(k)fluoranthene
Concen: 8.833 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.03 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:252 Resp: 162410

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.5	8.0	12.0



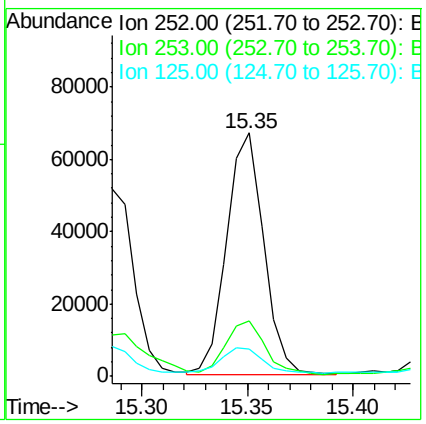


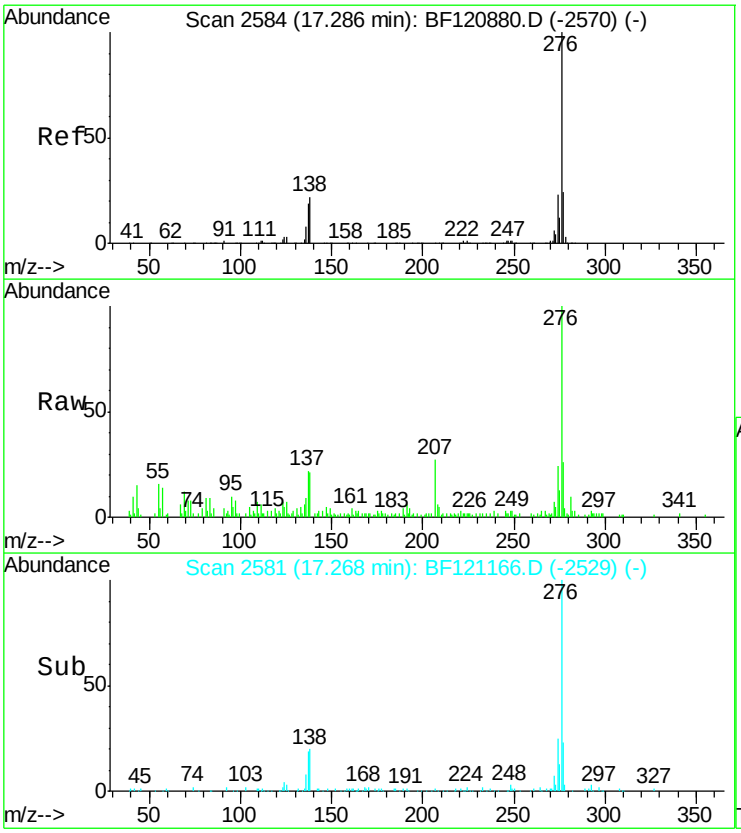
#90
Benzo(a)pyrene
Concen: 4.419 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-72-12012

Tgt Ion:252 Resp: 81288

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	11.3	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 2.884 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.01 min
Lab File: BF121166.D
Acq: 31 Jul 2020 19:01

Tgt Ion:276 Resp: 53890

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.4	29.0
138	21.4	17.2	25.8