Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020619\NOT REVIEWED DATA\
Data File : BF112422.D
Acq On : 6 Feb 2019 16:16
Operator : JU/SJ
Sample : K1356-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-020519-B

Quant Time: Feb 07 00:58:39 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	151426	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	583228	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	277309	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	449898	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	320622	20.00	ng	-0.01
87) Perylene-d12	15.47	264	330604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	171615	24.07	ng	-0.02
7) Phenol-d6	6.48	99	224743	22.69	ng	-0.01
23) Nitrobenzene-d5	7.39	82	135309	13.37	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	58841	18.23	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	275142	14.03	ng	-0.02
79) Terphenyl-d14	12.93	244	202617	11.90	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	18719	2.740	ng	# 76
25) Isophorone	7.39	82	135307	8.521	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	37993	7.874	ng	# 34
52) Acenaphthene	9.90	154	34061	2.069	ng	99
71) Phenanthrene	11.38	178	310372	13.270	ng	98
72) Anthracene	11.43	178	50062	2.149	ng	97
75) Fluoranthene	12.57	202	378614	15.092	ng	96
78) Pyrene	12.80	202	303748	13.684	ng	98
81) Benzo(a)anthracene	13.99	228	132339	7.021	ng	100
83) Chrysene	14.03	228	129776	7.213	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	60988	4.278	ng	93
88) Benzo(b)fluoranthene	15.04	252	227978	11.531	ng	98
89) Benzo(k)fluoranthene	15.04	252	227978	12.038	ng	98
90) Benzo(a)pyrene	15.41	252	114050	6.411	ng	99
92) Benzo(g,h,i)perylene	17.40	276	56277	4.160	ng	97

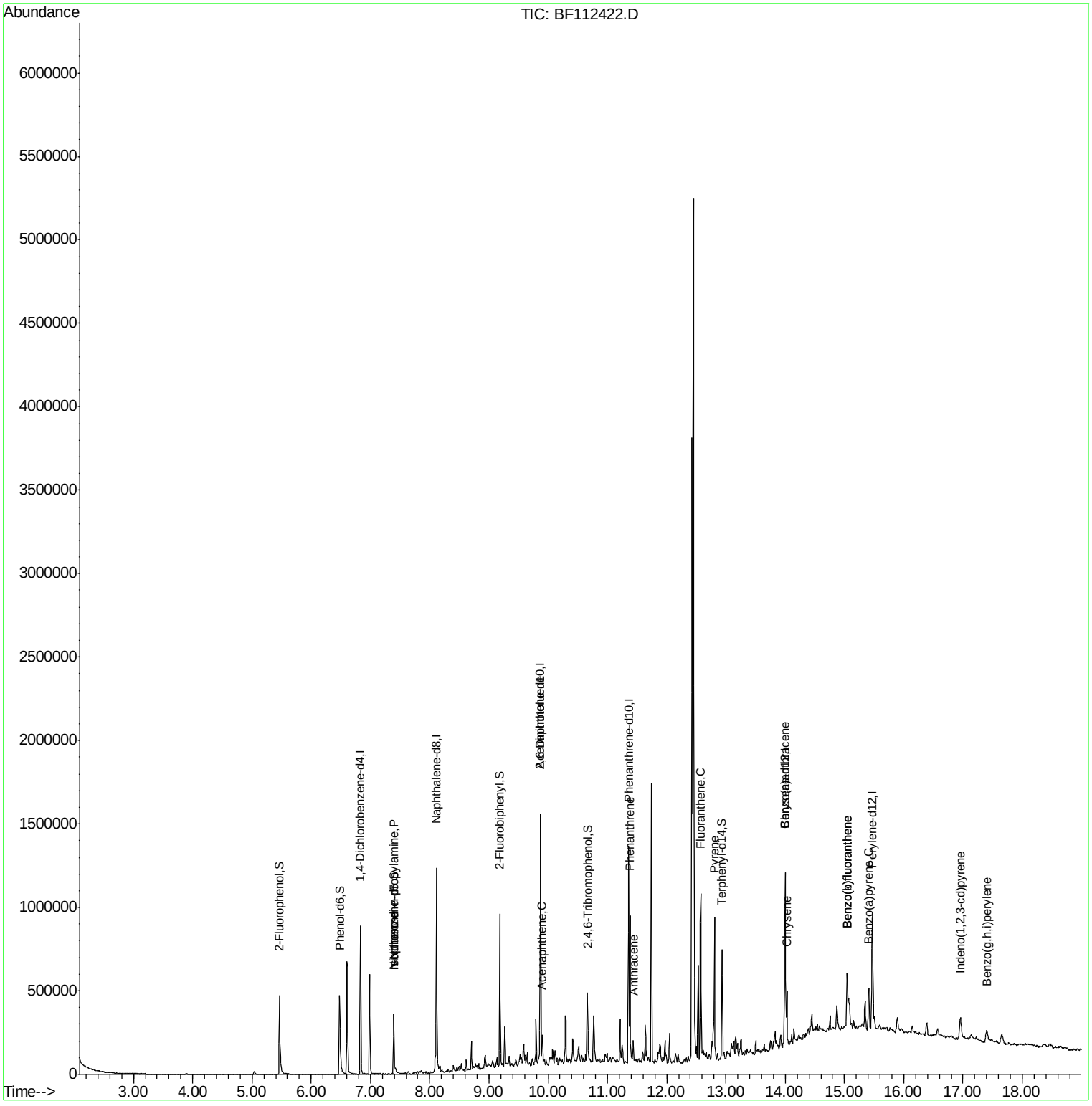
(#) = qualifier out of range (m) = manual integration (+) = signals summed

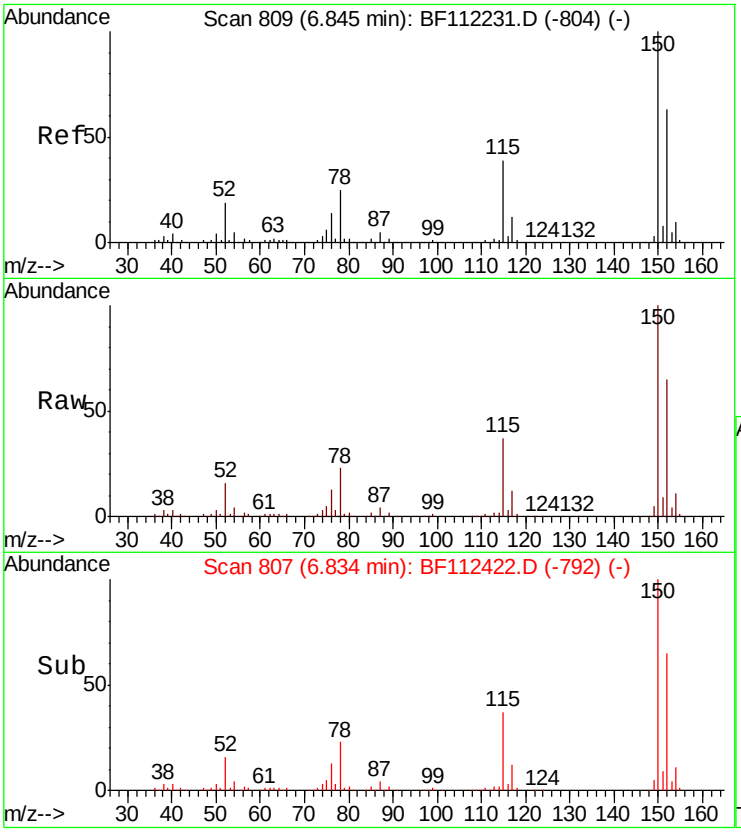
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020619\NOT REVIEWED DATA\
Data File : BF112422.D
Acq On : 6 Feb 2019 16:16
Operator : JU/SJ
Sample : K1356-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Quant Time: Feb 07 00:58:39 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



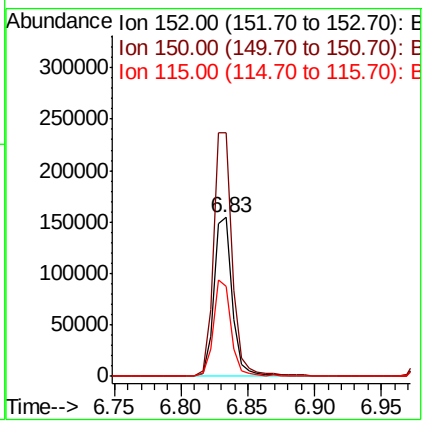


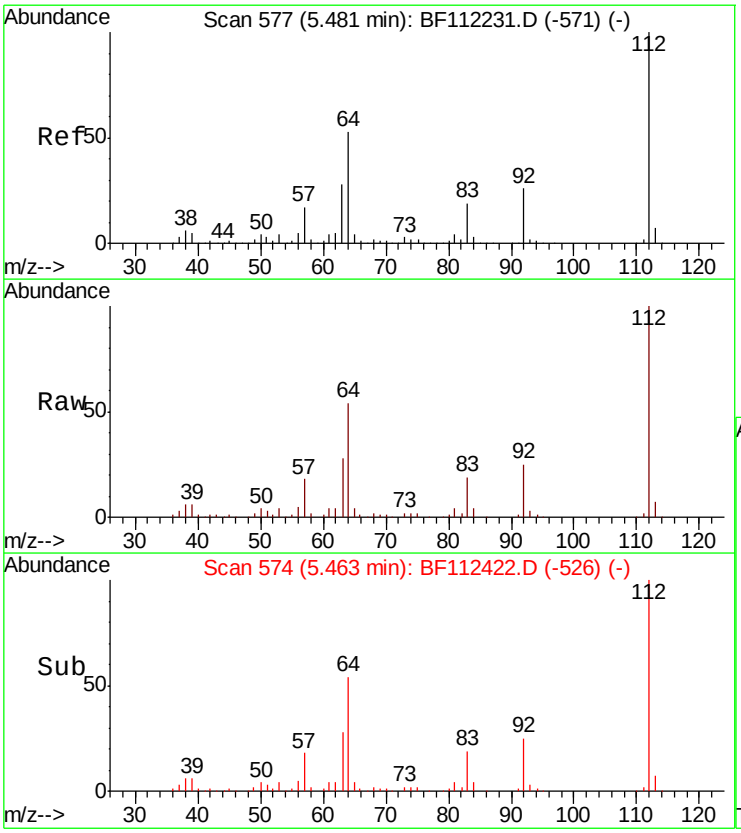
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion:152 Resp: 151426

Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.4	191.0
115	56.6	45.5	68.3

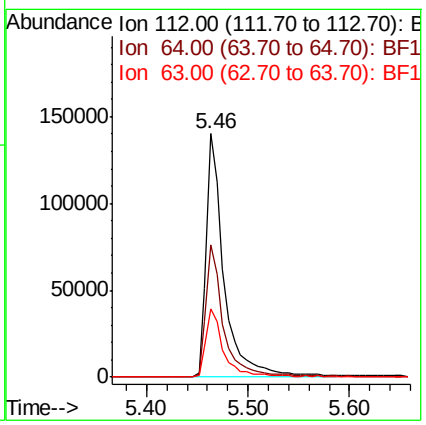


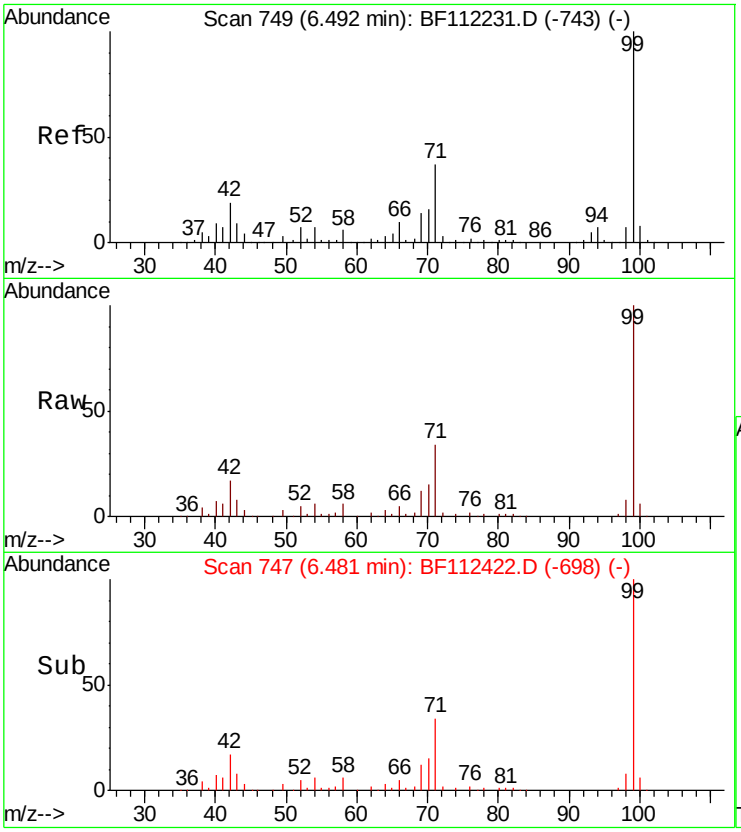


#5
2-Fluorophenol
Concen: 24.073 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Tgt Ion:112 Resp: 171615

Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.7	68.5
63	28.3	23.6	35.4



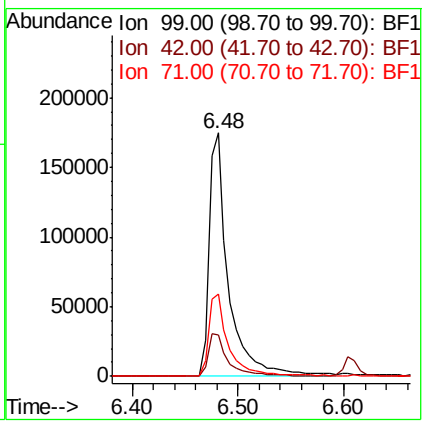


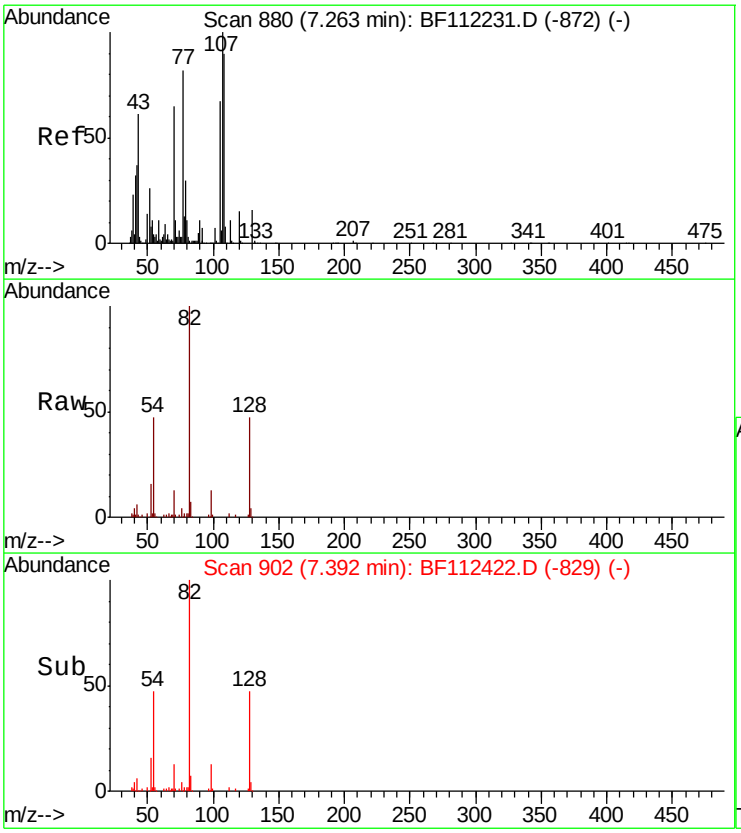
#7
Phenol-d6
Concen: 22.687 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion: 99 Resp: 224743

Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.1	22.7
71	33.9	26.9	40.3

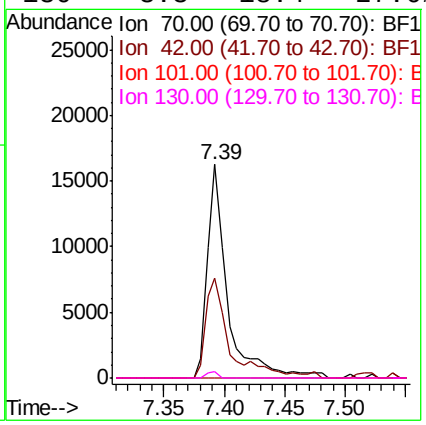


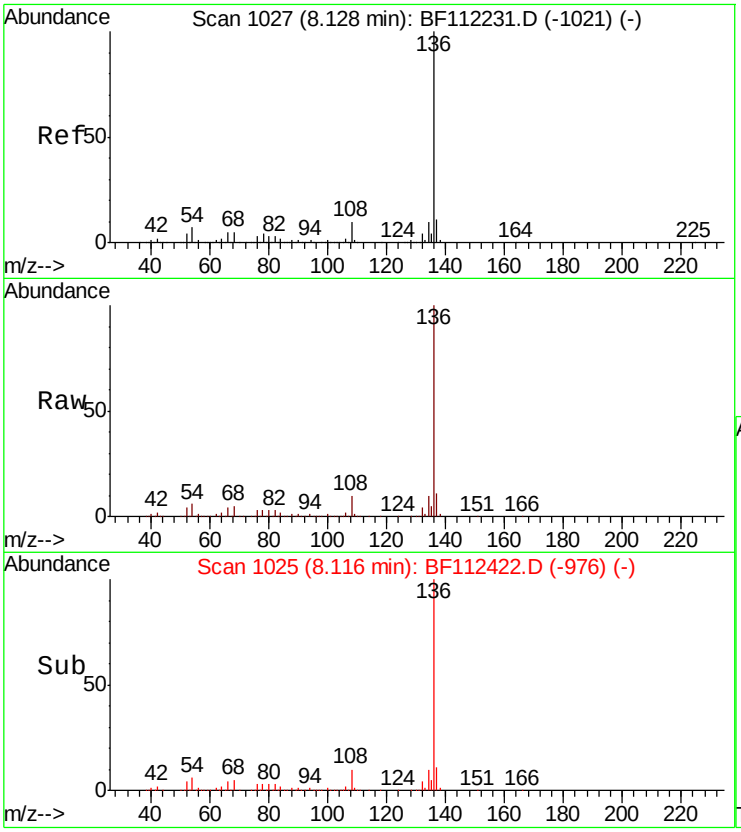


#19
n-Nitroso-di-n-propylamine
Concen: 2.740 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Tgt Ion: 70 Resp: 18719

Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.6	71.4#
101	0.0	7.9	11.9#
130	3.3	18.4	27.6#



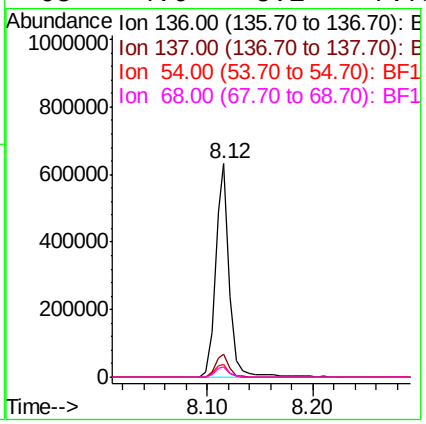


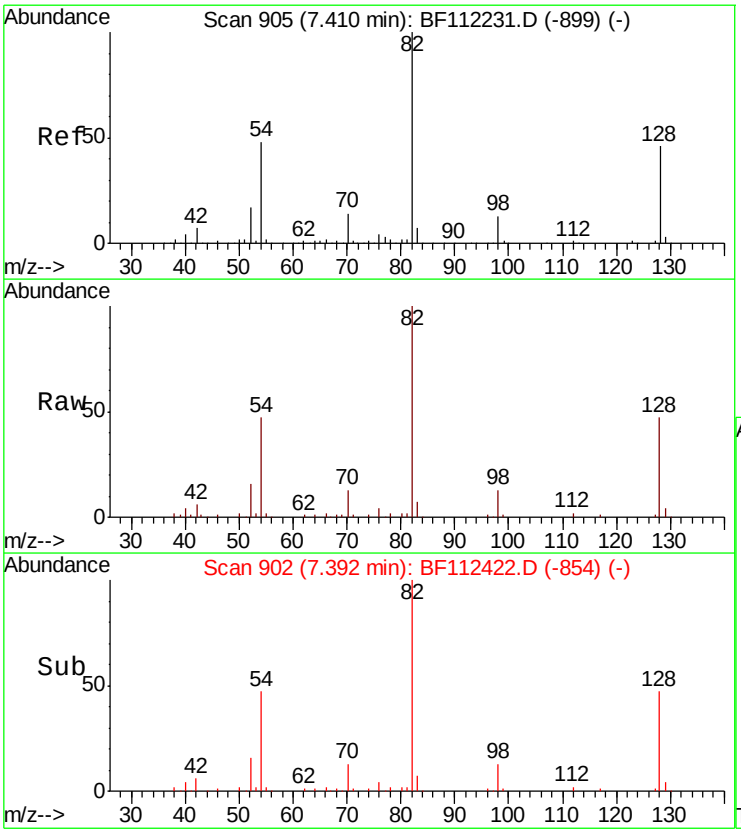
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion:136 Resp: 583228

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.0	5.9	8.9
68	4.6	5.1	7.7#

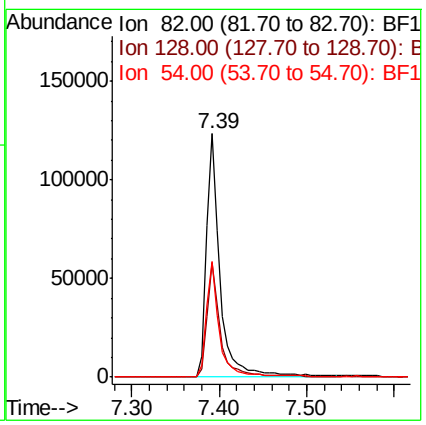


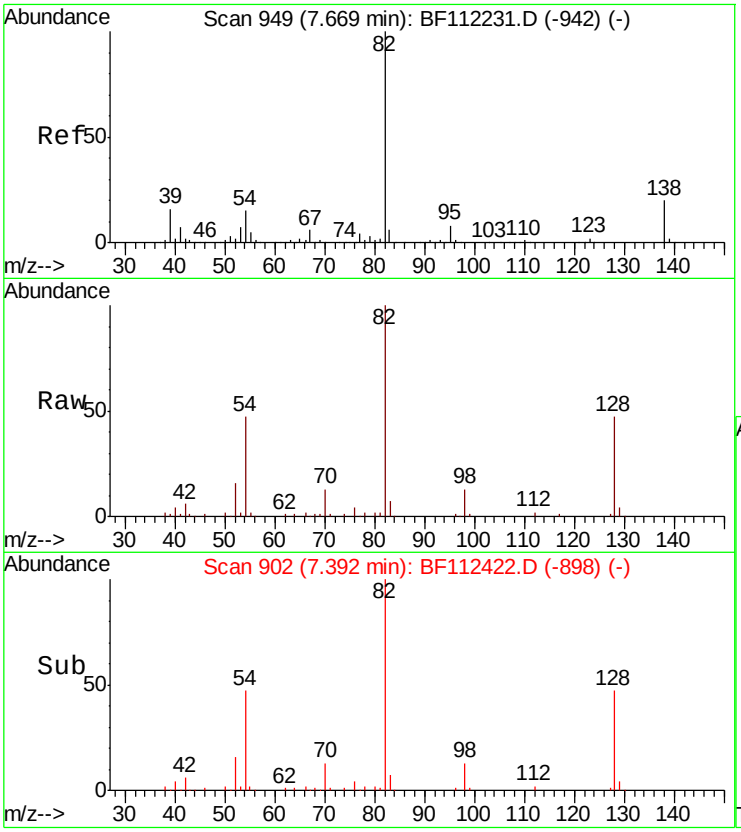


#23
Nitrobenzene-d5
Concen: 13.368 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Tgt Ion: 82 Resp: 135309

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.8	56.8
54	47.4	39.7	59.5



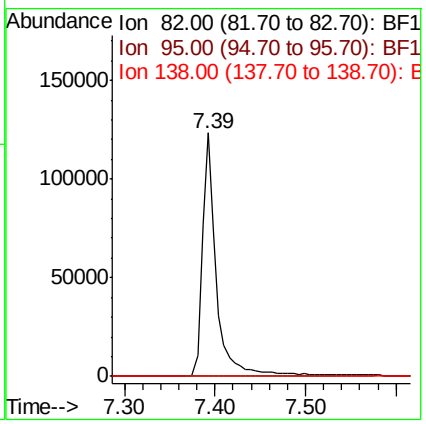


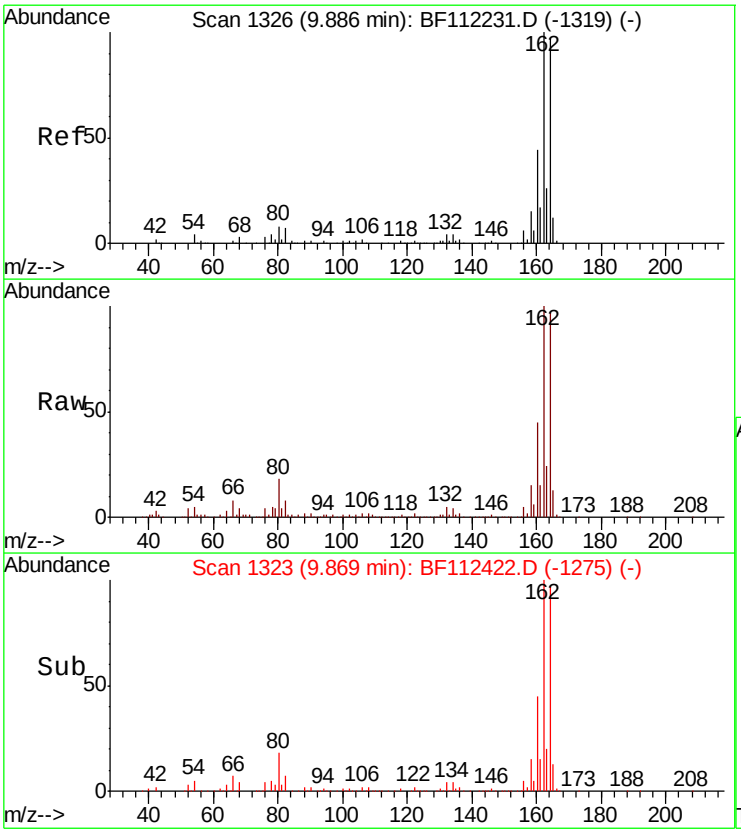
#25
Isophorone
Concen: 8.521 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion: 82 Resp: 135307

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

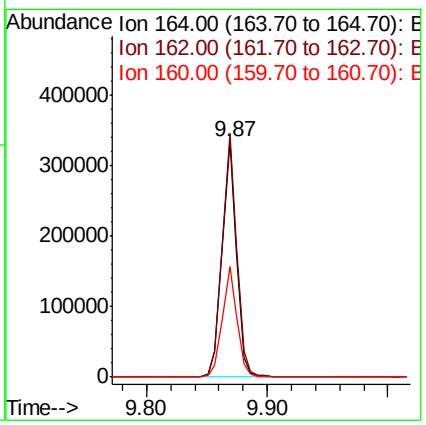


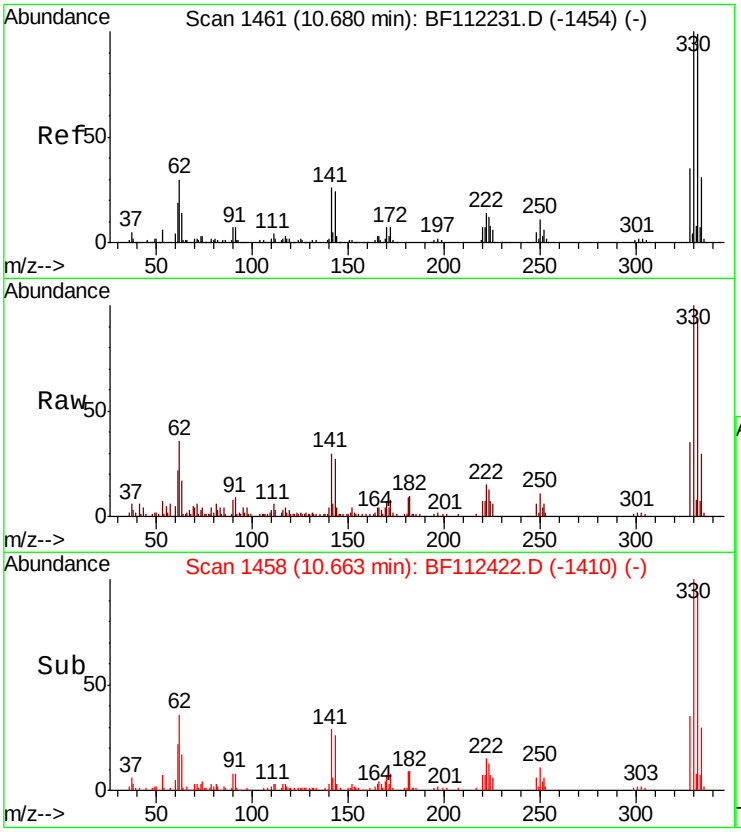


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Tgt Ion:164 Resp: 277309

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.2	123.4
160	46.7	36.2	54.4



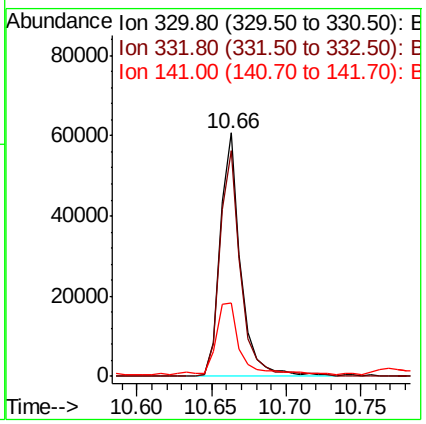


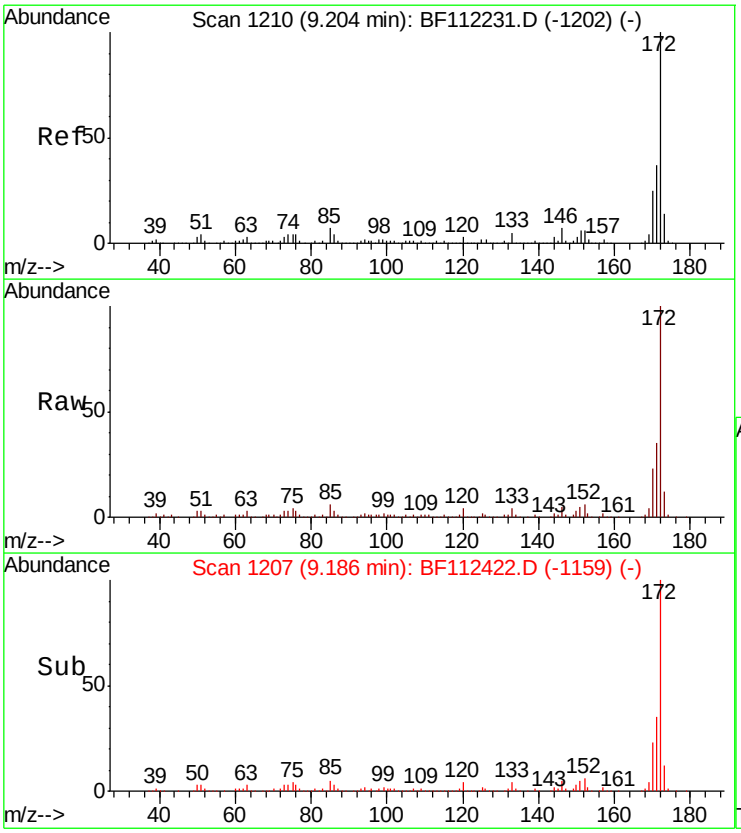
#42
2,4,6-Tribromophenol
Concen: 18.229 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion:330 Resp: 58841

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	114.8
141	33.4	24.3	36.5

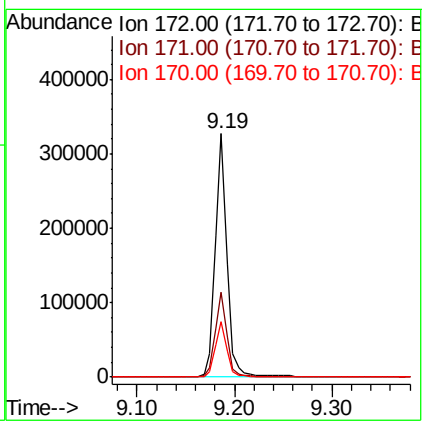


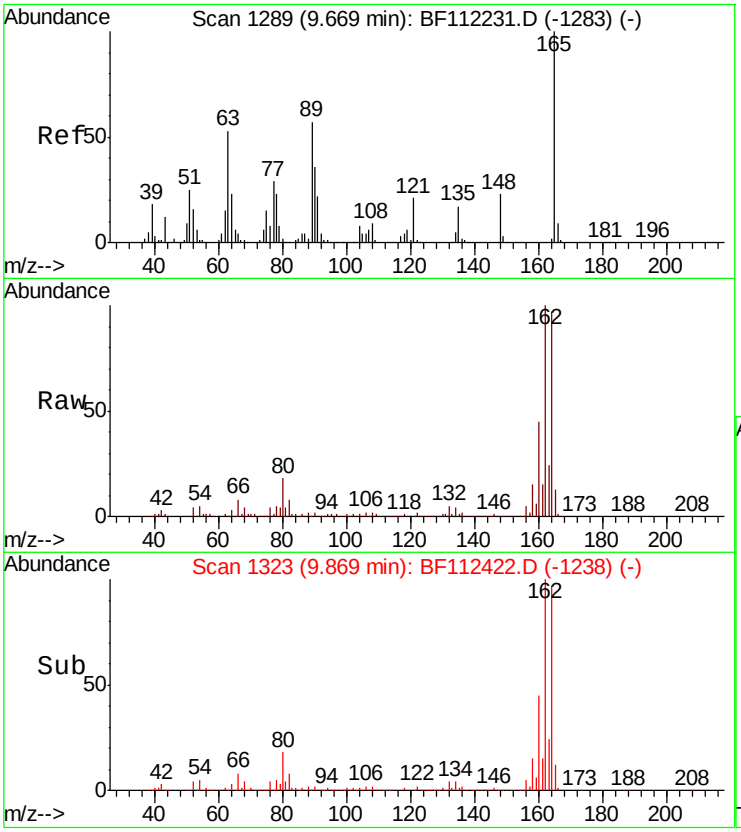


#45
2-Fluorobiphenyl
Concen: 14.033 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Tgt Ion:172 Resp: 275142

Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.5	45.7
170	23.0	20.2	30.4



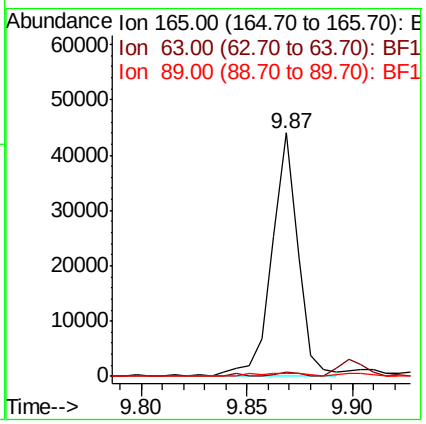


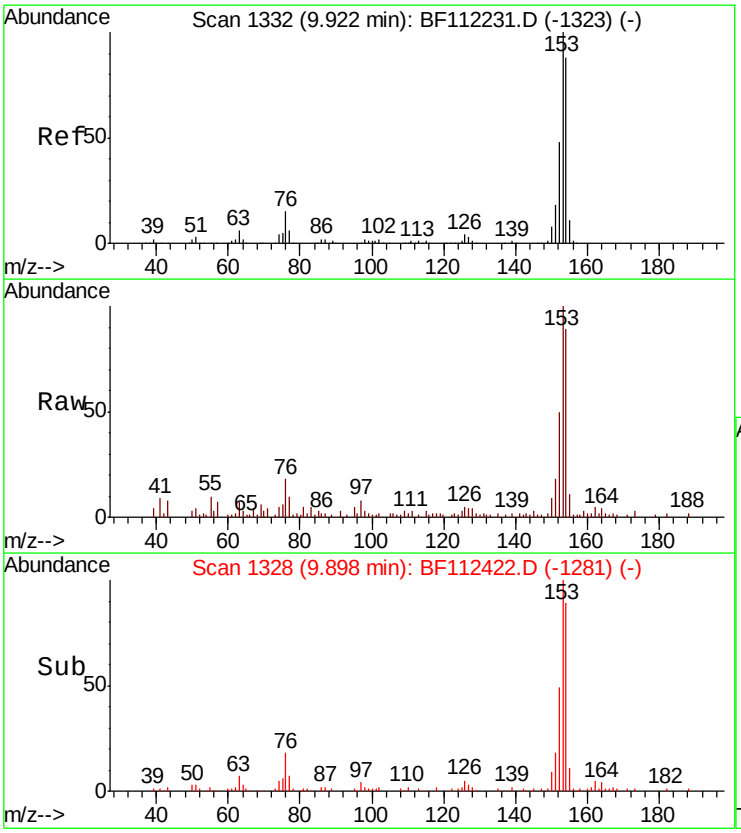
#51
2,6-Dinitrotoluene
Concen: 7.874 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.20 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion:165 Resp: 37993

Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.8	50.8#
89	1.4	36.9	55.3#

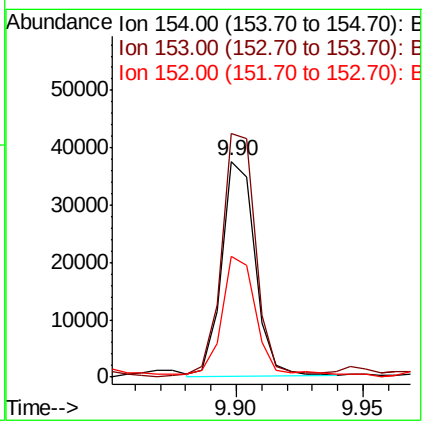


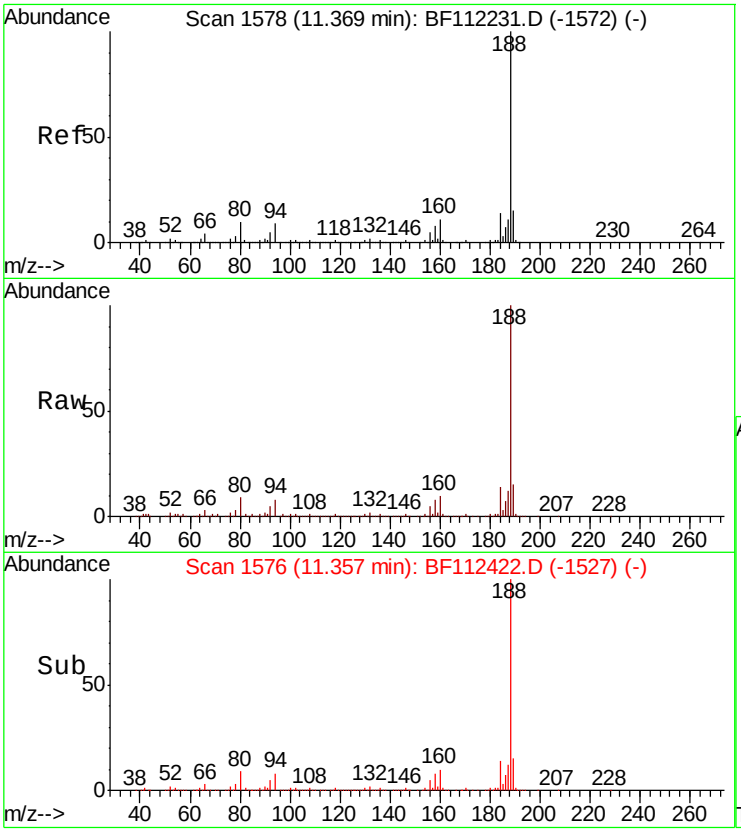


#52
Acenaphthene
Concen: 2.069 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Tgt Ion:154 Resp: 34061

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.8	134.6
152	55.9	43.5	65.3



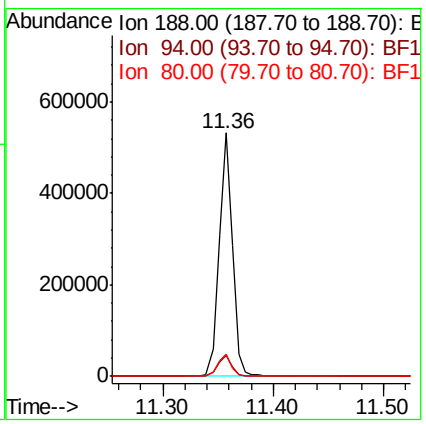


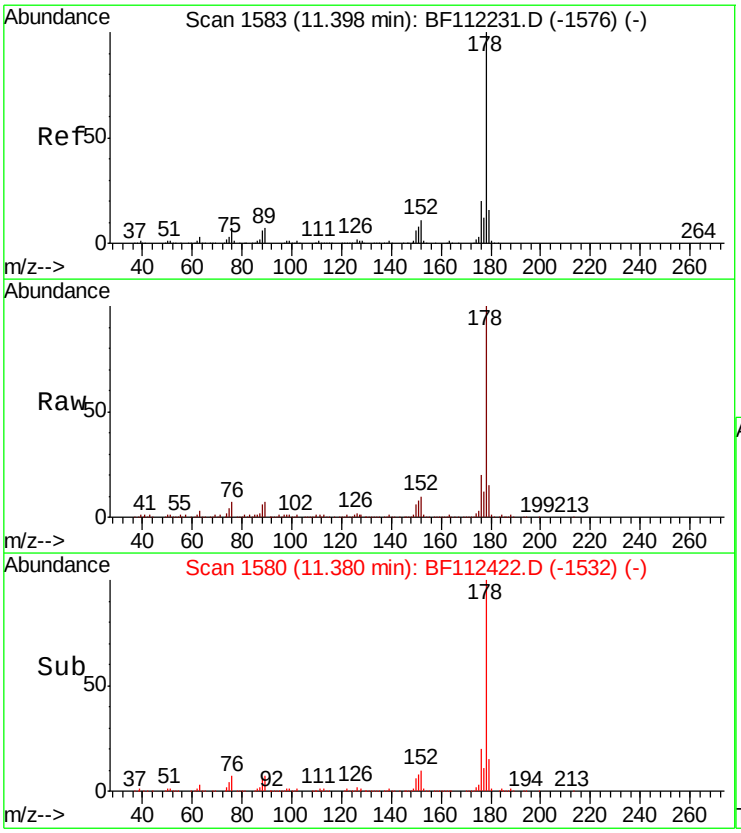
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion:188 Resp: 449898

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	9.2	8.9	13.3

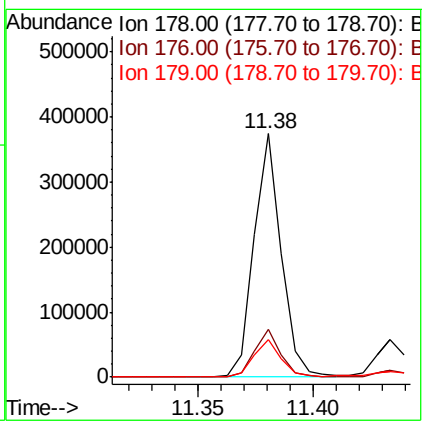


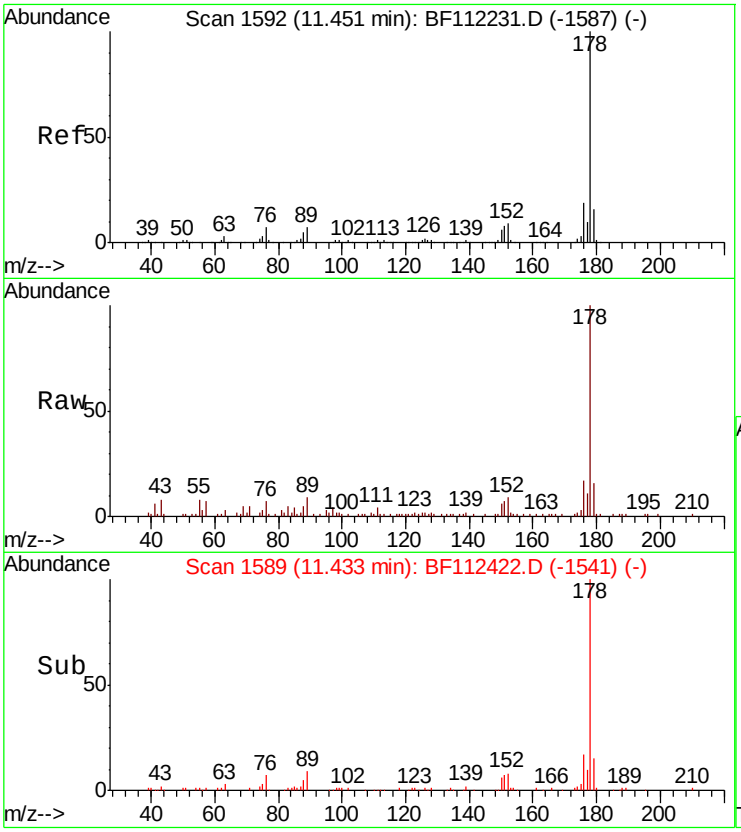


#71
Phenanthrene
Concen: 13.270 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Tgt Ion:178 Resp: 310372

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.3	24.5
179	15.2	13.0	19.4



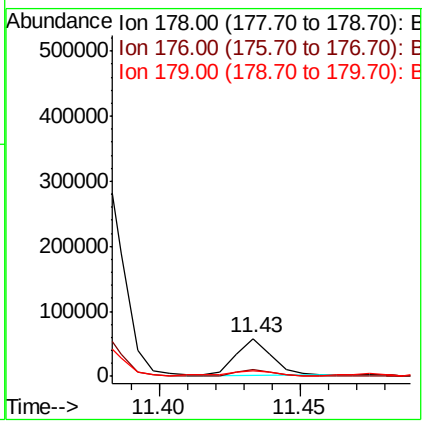


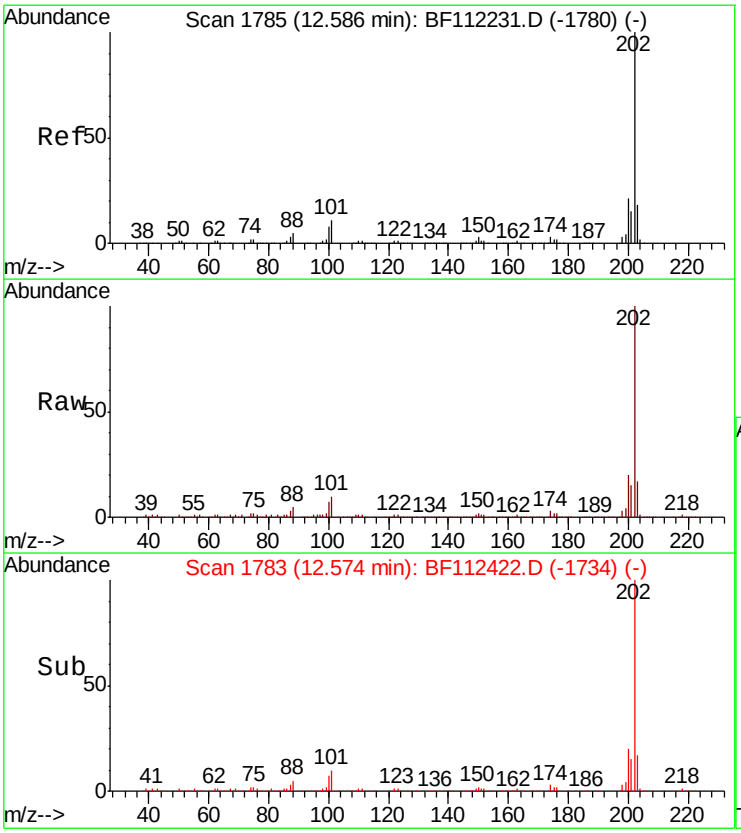
#72
Anthracene
Concen: 2.149 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion:178 Resp: 50062

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.5	23.3
179	15.6	12.8	19.2

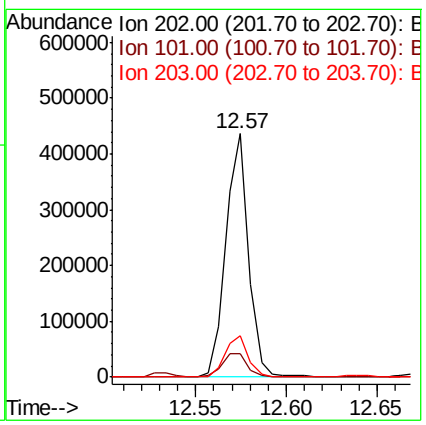


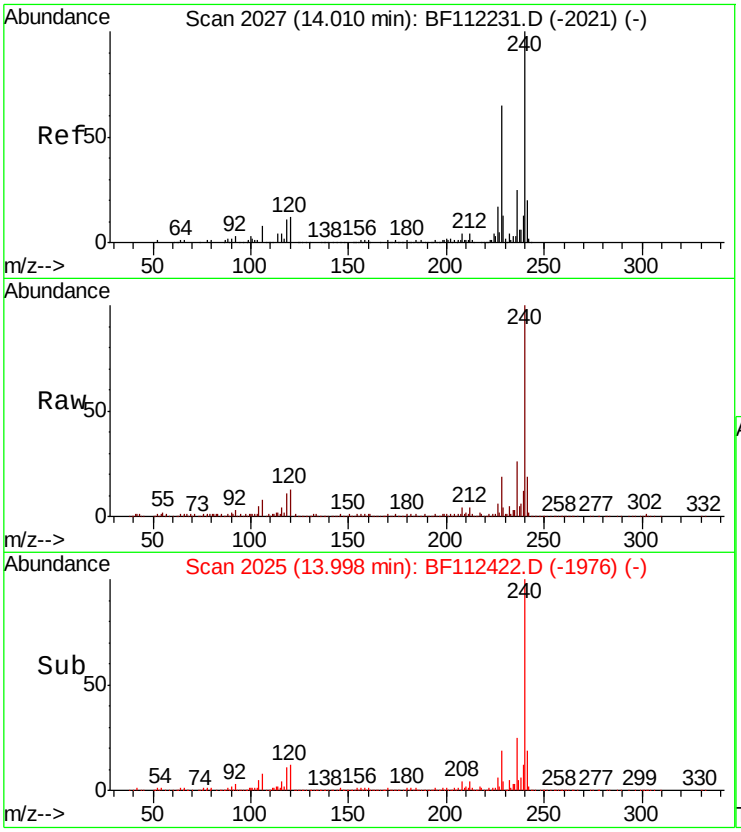


#75
Fluoranthene
Concen: 15.092 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Tgt Ion:202 Resp: 378614

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.8
203	17.1	0.0	38.4



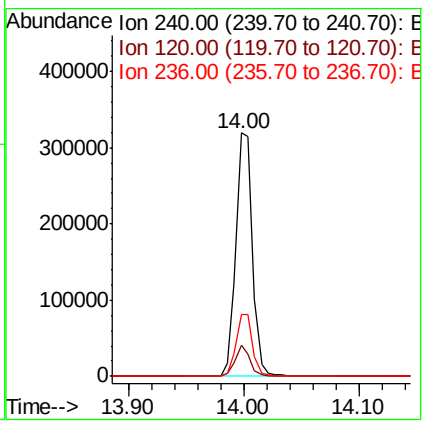


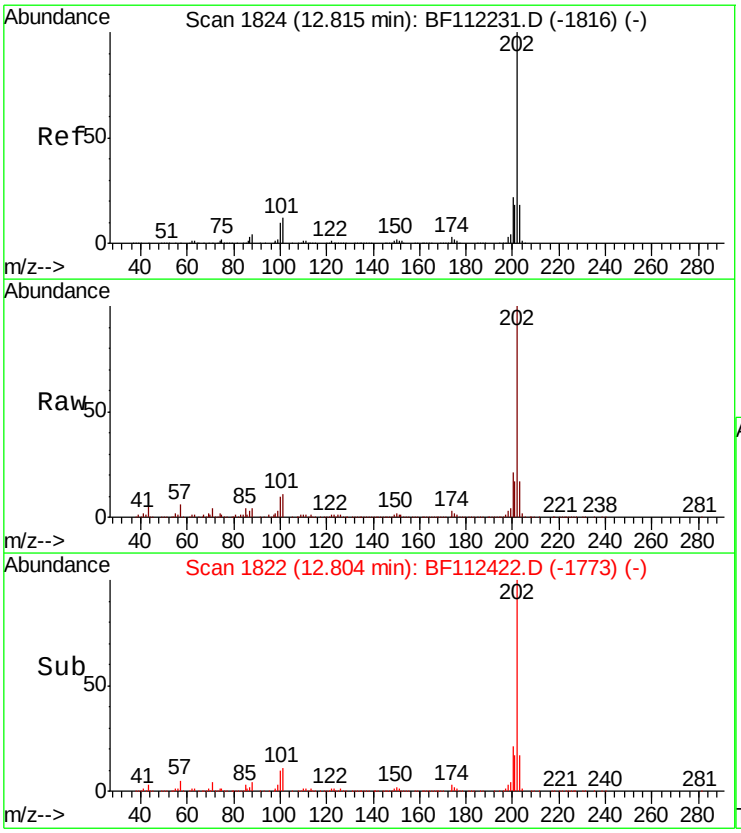
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion:240 Resp: 320622

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.0	13.6
236	25.7	20.7	31.1

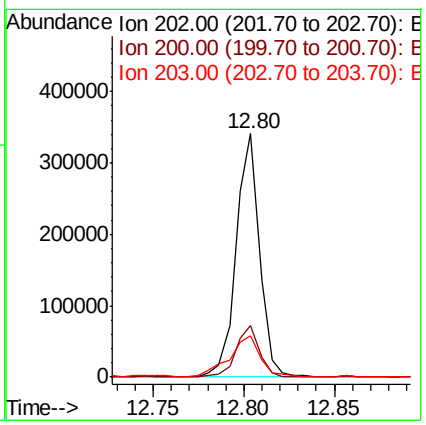


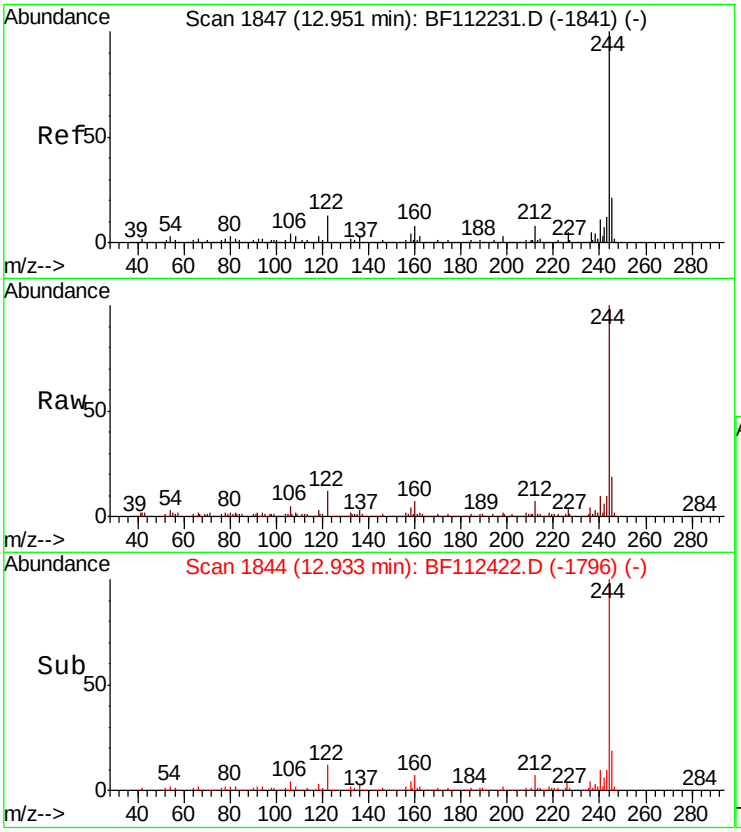


#78
Pyrene
Concen: 13.684 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Tgt Ion:202 Resp: 303748

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	17.0	14.6	22.0



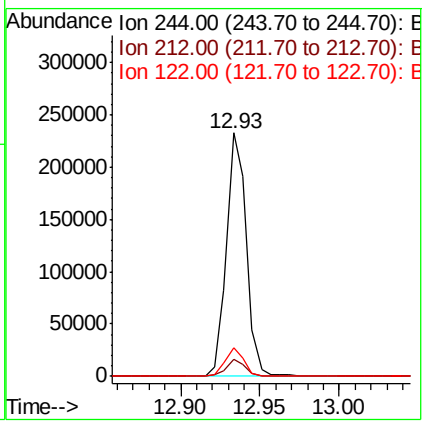


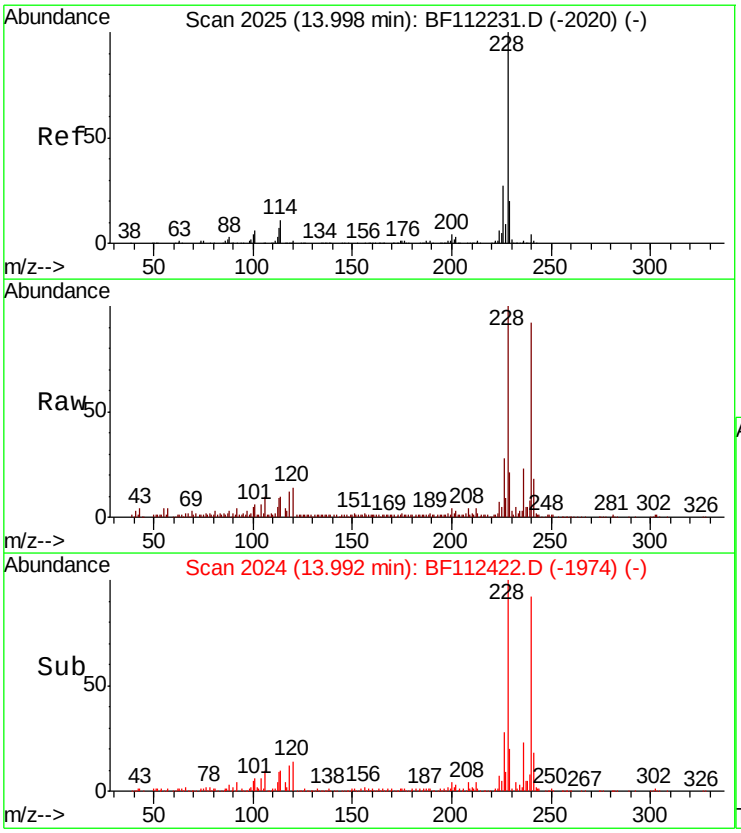
#79
Terphenyl-d14
Concen: 11.902 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion:244 Resp: 202617

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.8	9.8	14.6

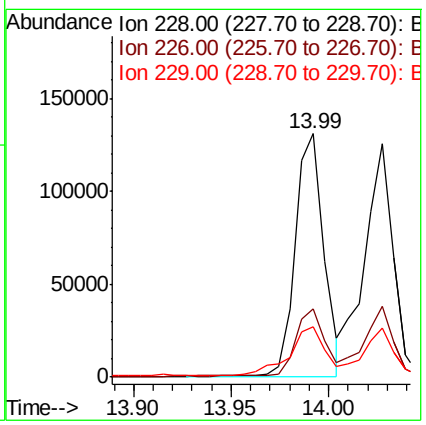


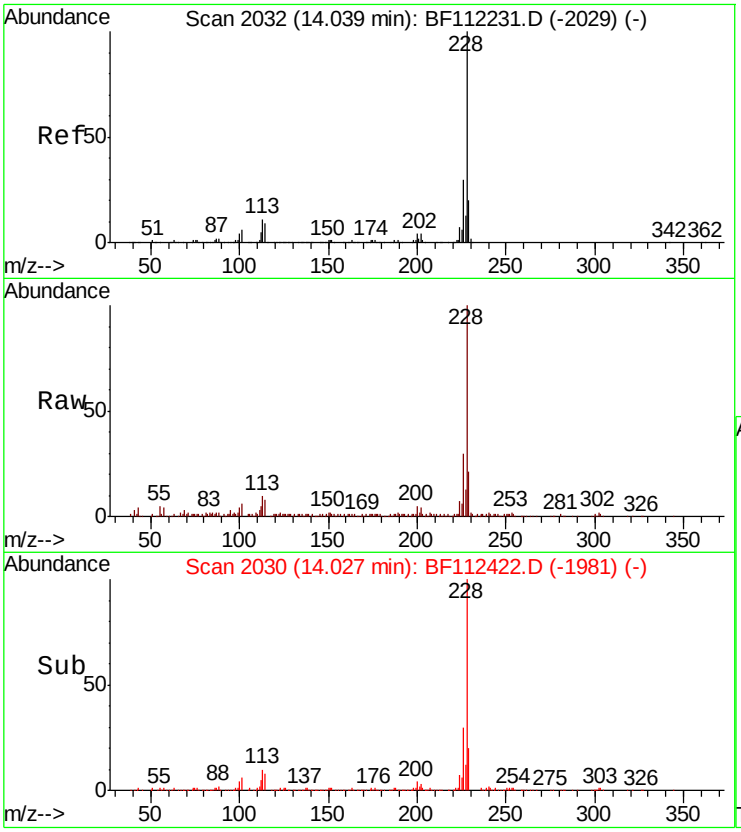


#81
Benzo(a)anthracene
Concen: 7.021 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Tgt Ion:228 Resp: 132339

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	34.0
229	20.6	16.5	24.7



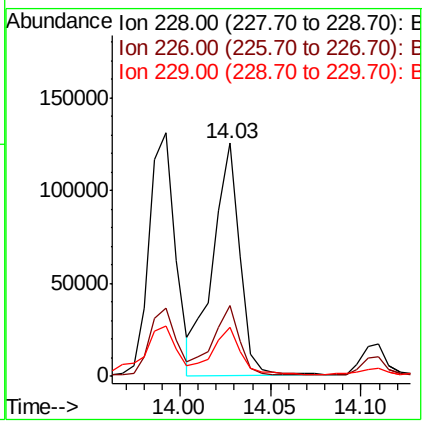


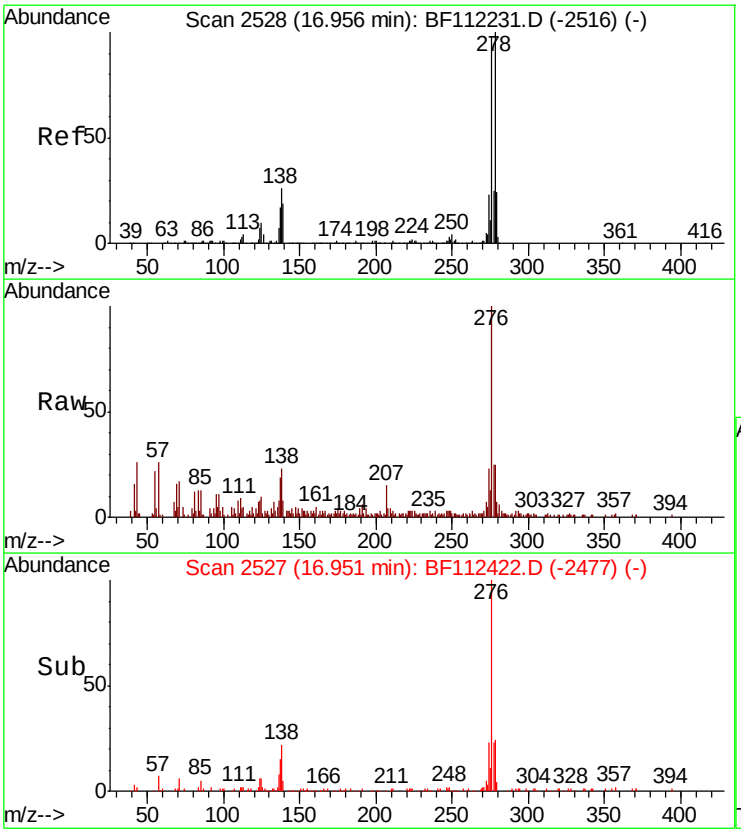
#83
Chrysene
Concen: 7.213 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion:228 Resp: 129776

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.9	16.6	24.8

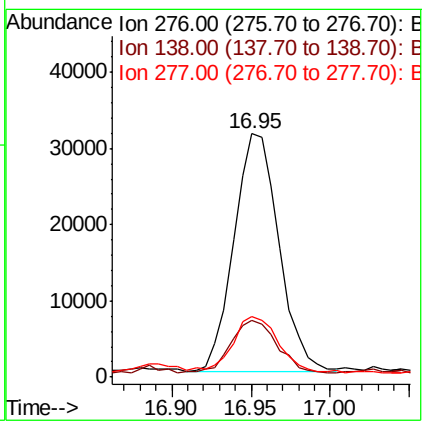


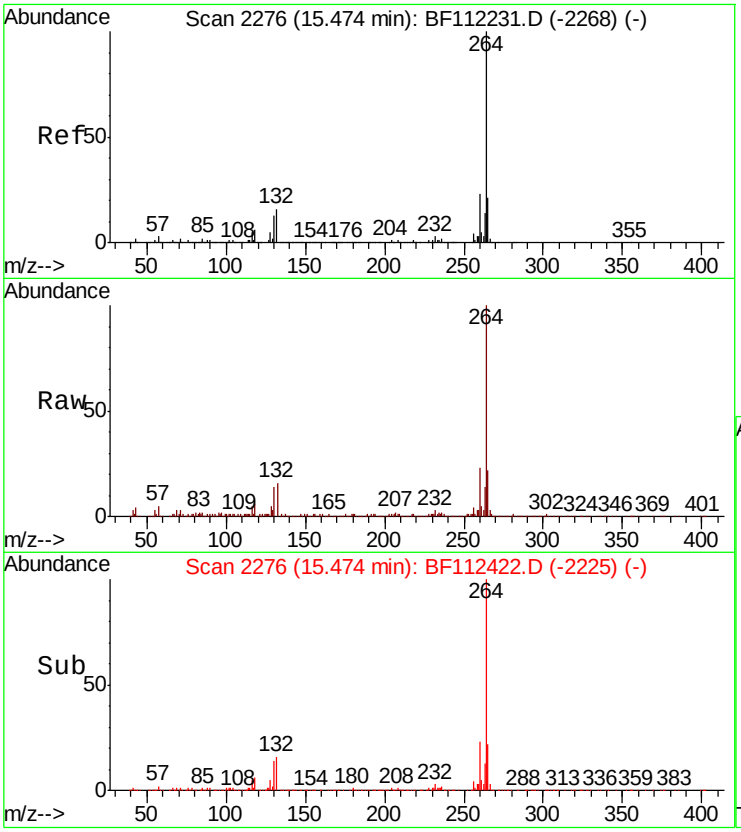


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.278 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Tgt Ion:276 Resp: 60988

Ion	Ratio	Lower	Upper
276	100		
138	23.2	22.6	34.0
277	23.5	20.3	30.5



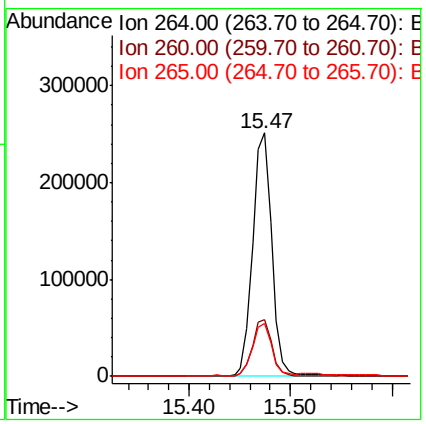


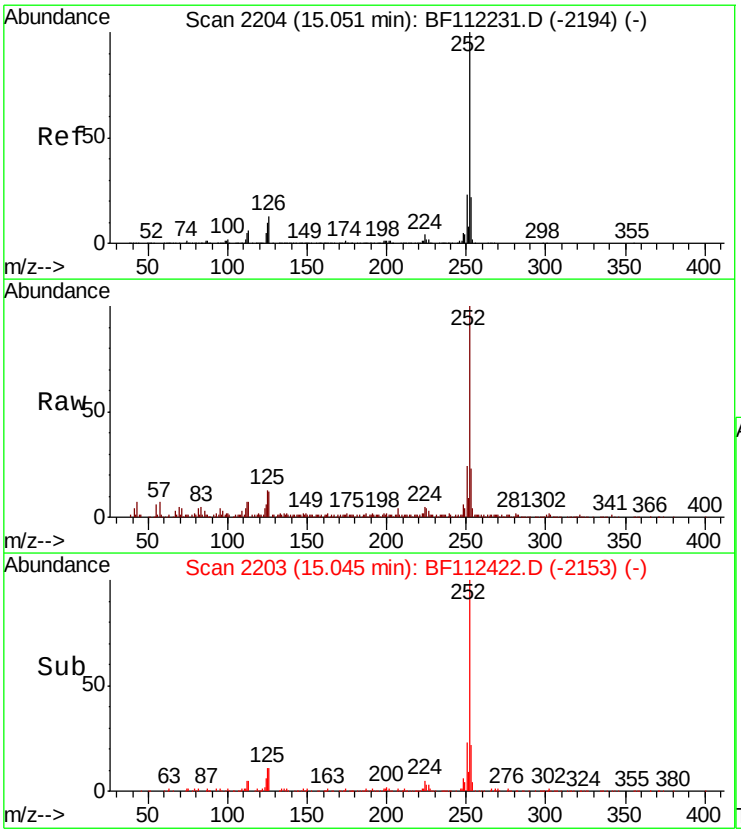
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion:264 Resp: 330604

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.9	17.0	25.4

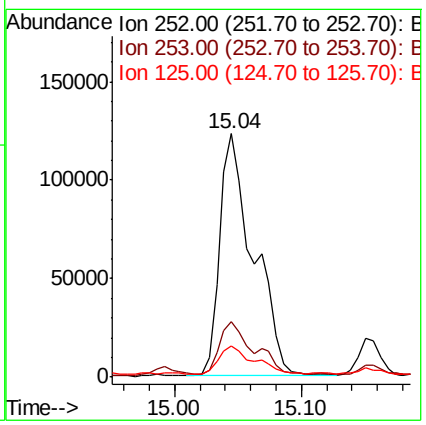


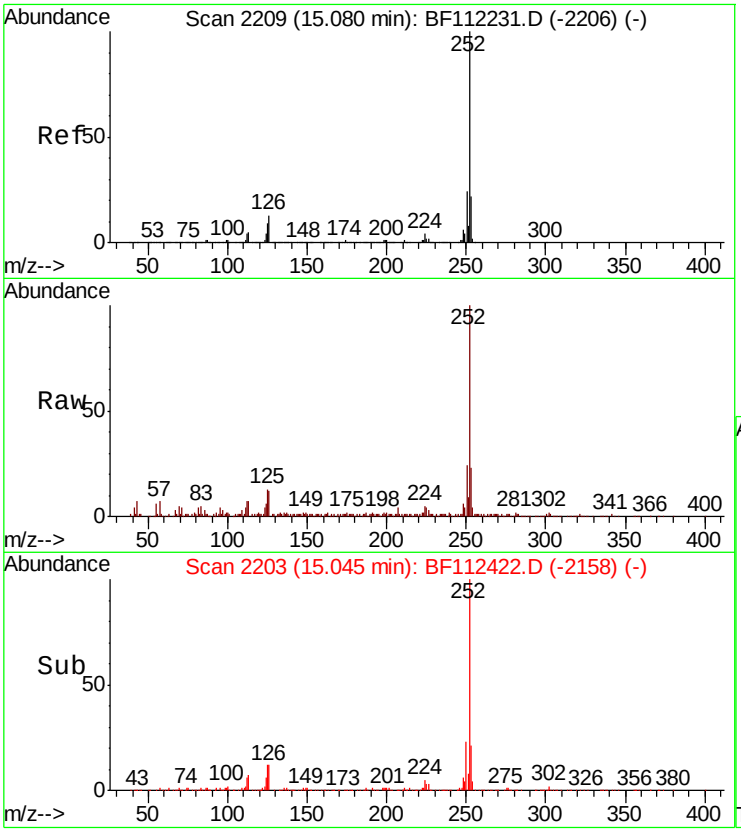


#88
Benzo(b)fluoranthene
Concen: 11.531 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Tgt Ion:252 Resp: 227978

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	12.9	8.7	13.1



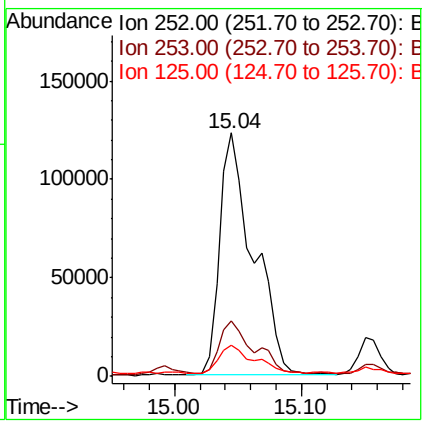


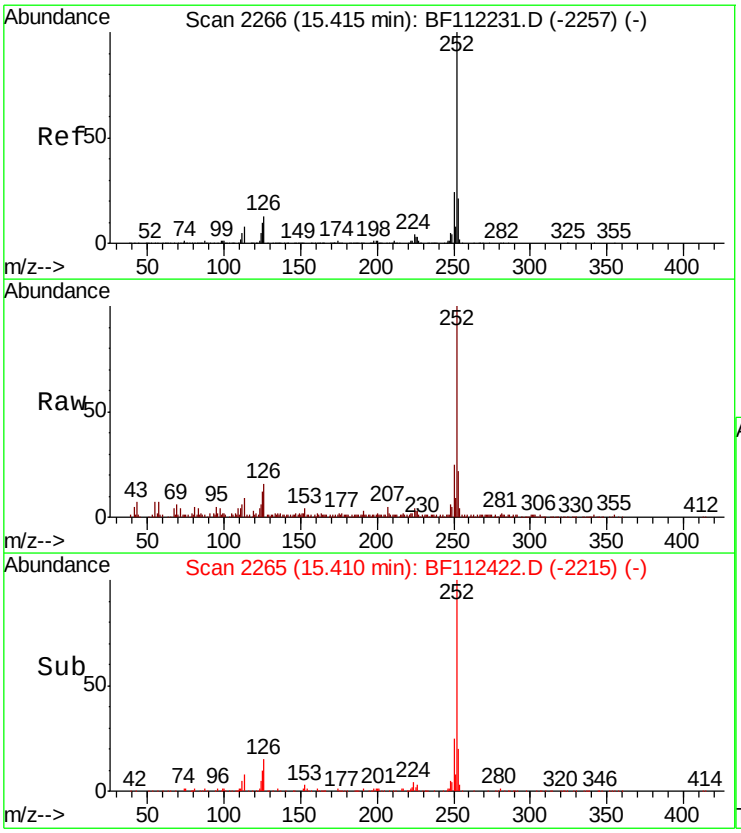
#89
Benzo(k)fluoranthene
Concen: 12.038 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion:252 Resp: 227978

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	12.9	9.1	13.7

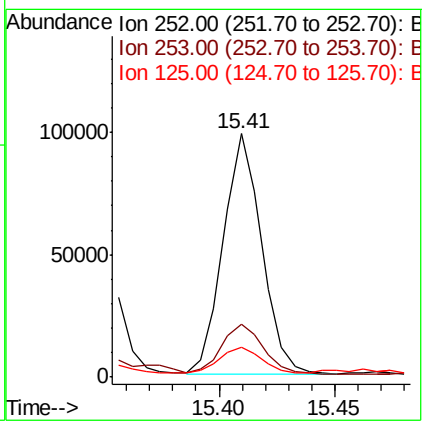


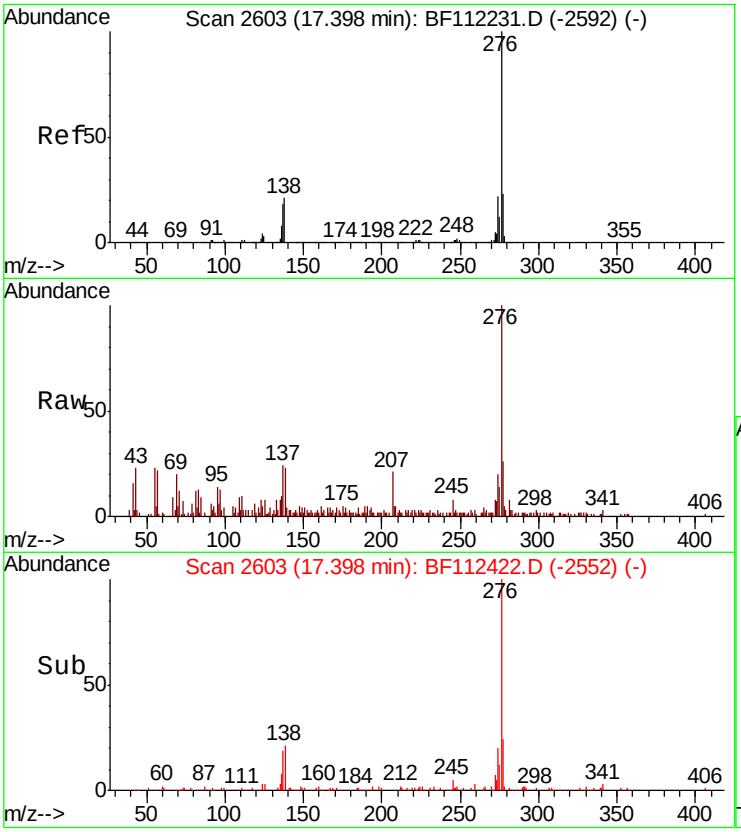


#90
Benzo(a)pyrene
Concen: 6.411 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Tgt Ion:252 Resp: 114050

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	12.4	9.0	13.4





#92
Benzo(g,h,i)perylene
Concen: 4.160 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.00 min
Lab File: BF112422.D
Acq: 6 Feb 2019 16:16

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion:276 Resp: 56277

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.4	29.0
138	23.3	19.1	28.7