Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114431.D
Acq On : 20 May 2019 11:53
Operator : JU/SJ
Sample : K2894-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-9-10

Quant Time: May 20 14:24:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	181604	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	660634	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	274932	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	456475	20.00	ng	0.00
76) Chrysene-d12	14.00	240	370366	20.00	ng	0.00
87) Perylene-d12	15.48	264	477992	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1076584	95.40	ng	0.00
7) Phenol-d6	6.47	99	1394642	104.49	ng	-0.01
23) Nitrobenzene-d5	7.39	82	828456	70.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	249723	87.86	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1252799	68.93	ng	0.00
79) Terphenyl-d14	12.93	244	903052	50.26	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	107948	12.760	ng	# 74
25) Isophorone	7.39	82	828450	37.947	ng	# 64
50) Dimethylphthalate	9.58	163	166608	8.255	ng	# 99
57) 2,4-Dinitrotoluene	9.86	165	33981	5.593	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	15574	3.099	ng	# 1
71) Phenanthrene	11.37	178	56460	2.542	ng	95
75) Fluoranthene	12.57	202	153260	6.408	ng	97
78) Pyrene	12.79	202	159767	5.362	ng	97
81) Benzo(a)anthracene	13.99	228	129497	5.406	ng	98
83) Chrysene	14.02	228	109311	4.655	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	177547	8.555	ng	97
88) Benzo(b)fluoranthene	15.05	252	369062	12.052	ng	97
89) Benzo(k)fluoranthene	15.05	252	369062	13.120	ng	98
90) Benzo(a)pyrene	15.42	252	272407	10.108	ng	99
92) Benzo(g,h,i)perylene	17.40	276	179866	8.014	ng	99

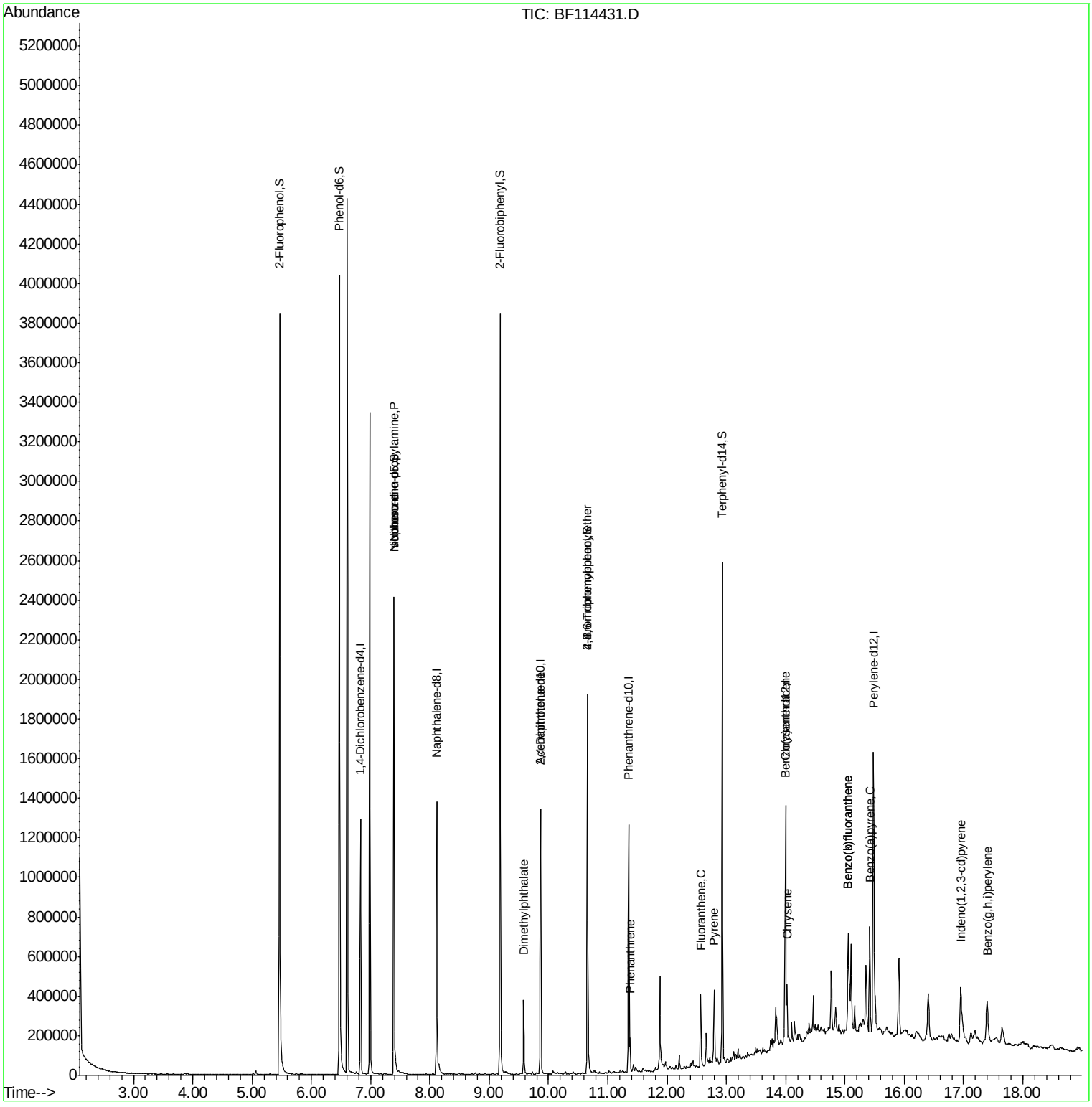
(#) = qualifier out of range (m) = manual integration (+) = signals summed

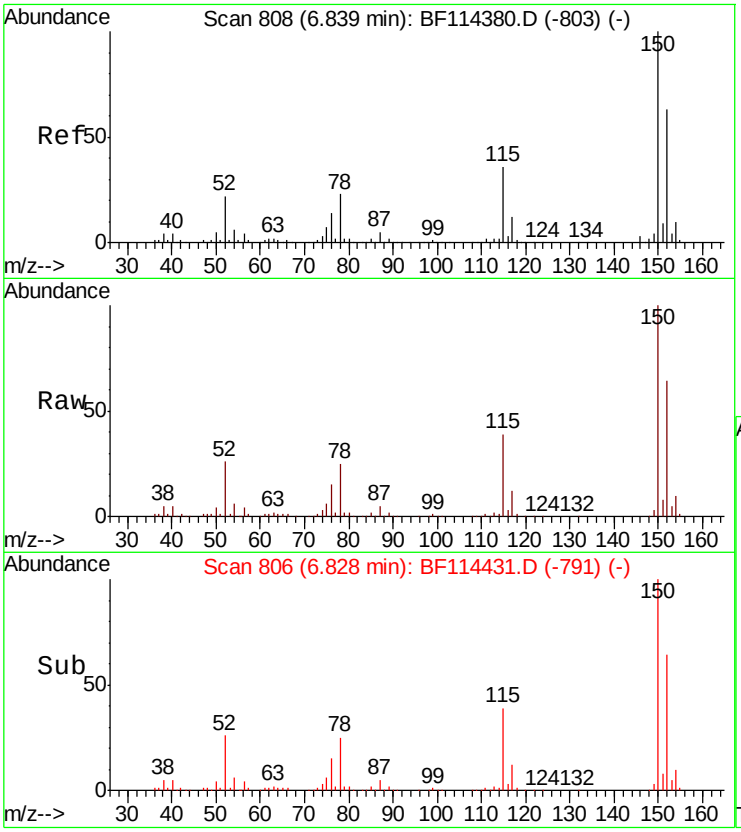
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114431.D
Acq On : 20 May 2019 11:53
Operator : JU/SJ
Sample : K2894-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10

Quant Time: May 20 14:24:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration



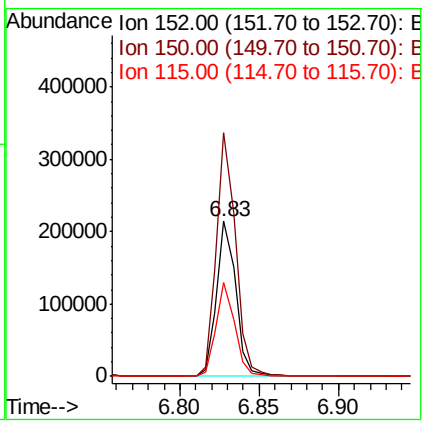


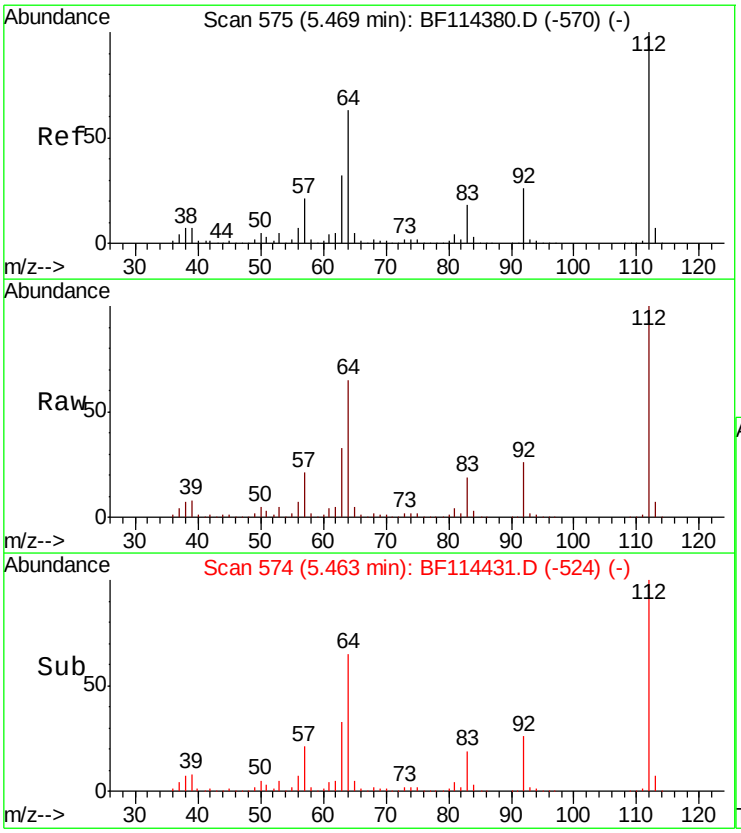
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10

Tgt Ion:152 Resp: 181604

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.3	186.5
115	60.7	49.1	73.7

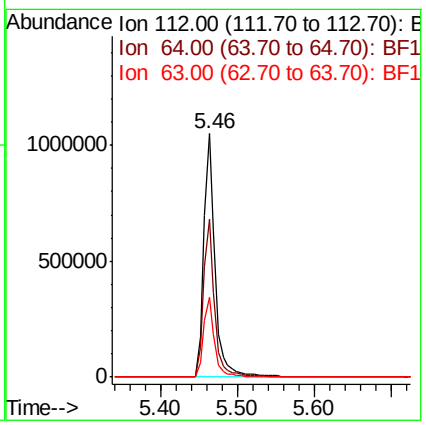


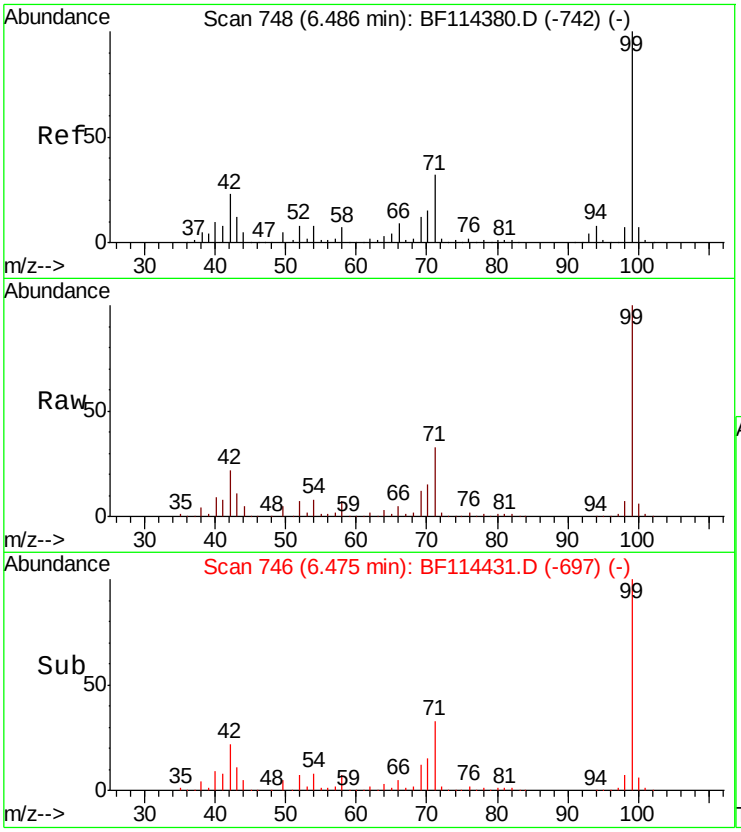


#5
2-Fluorophenol
Concen: 95.400 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Tgt Ion:112 Resp: 1076584

Ion	Ratio	Lower	Upper
112	100		
64	64.8	49.0	73.6
63	33.0	24.6	37.0



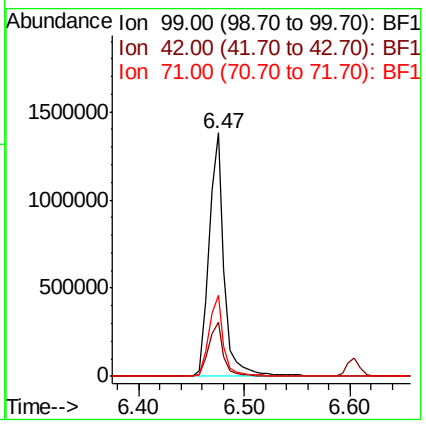


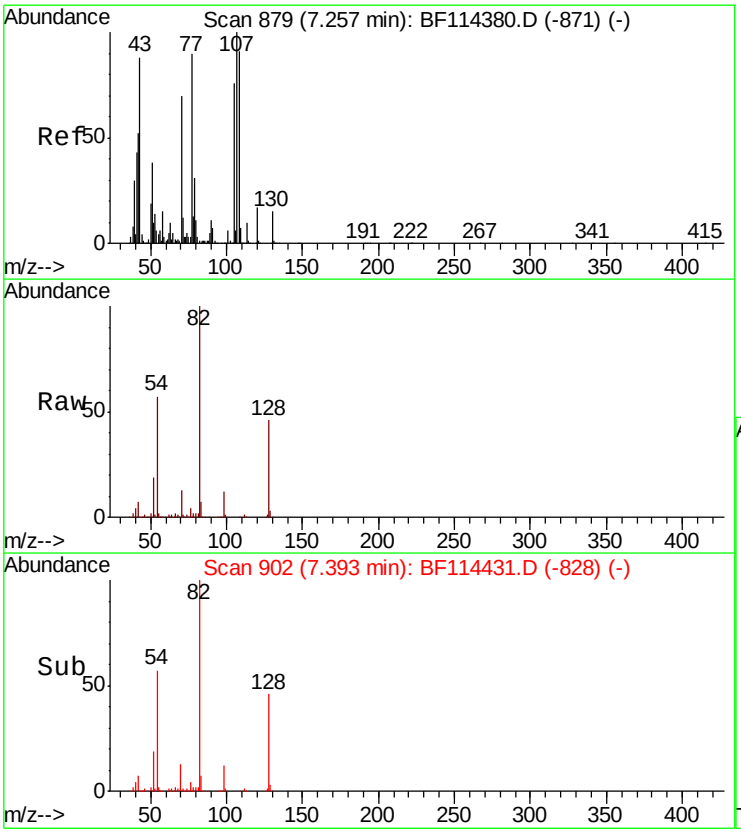
#7
Phenol-d6
Concen: 104.491 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10

Tgt Ion: 99 Resp: 1394642

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.9	26.9
71	33.1	26.2	39.2

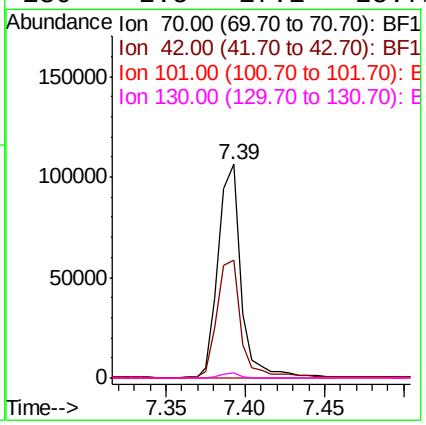


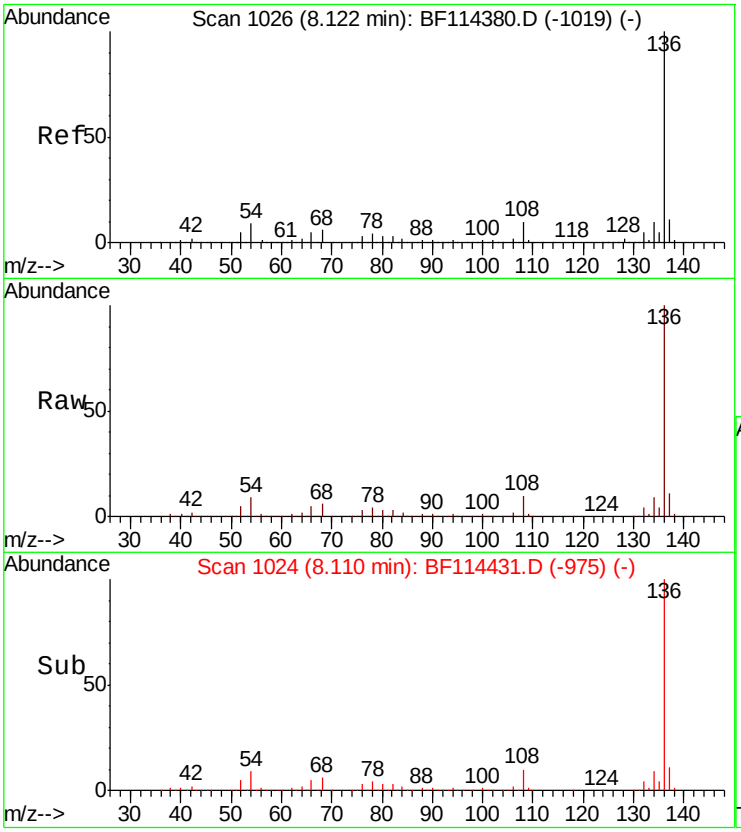


#19
n-Nitroso-di-n-propylamine
Concen: 12.760 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.14 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Tgt Ion: 70 Resp: 107948

Ion	Ratio	Lower	Upper
70	100		
42	55.1	58.6	87.8#
101	0.0	7.8	11.8#
130	2.5	17.1	25.7#



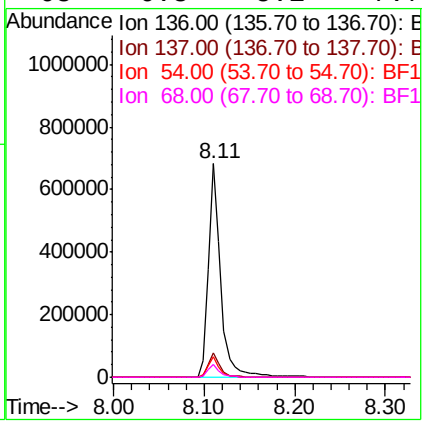


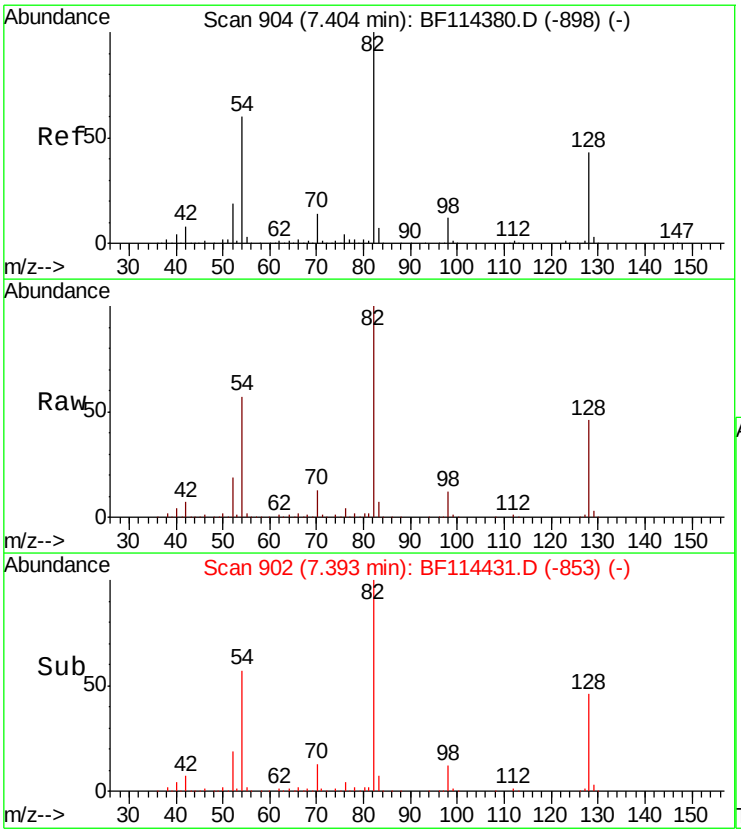
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10

Tgt Ion:136 Resp: 660634

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.4	7.8	11.8
68	6.3	5.1	7.7

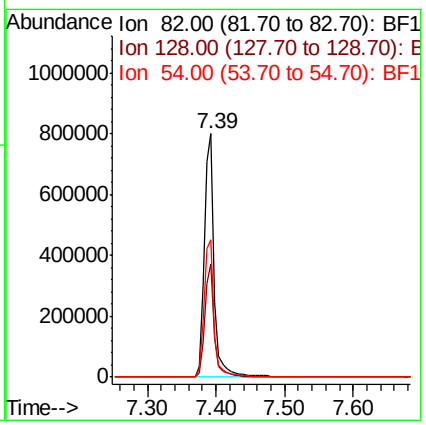


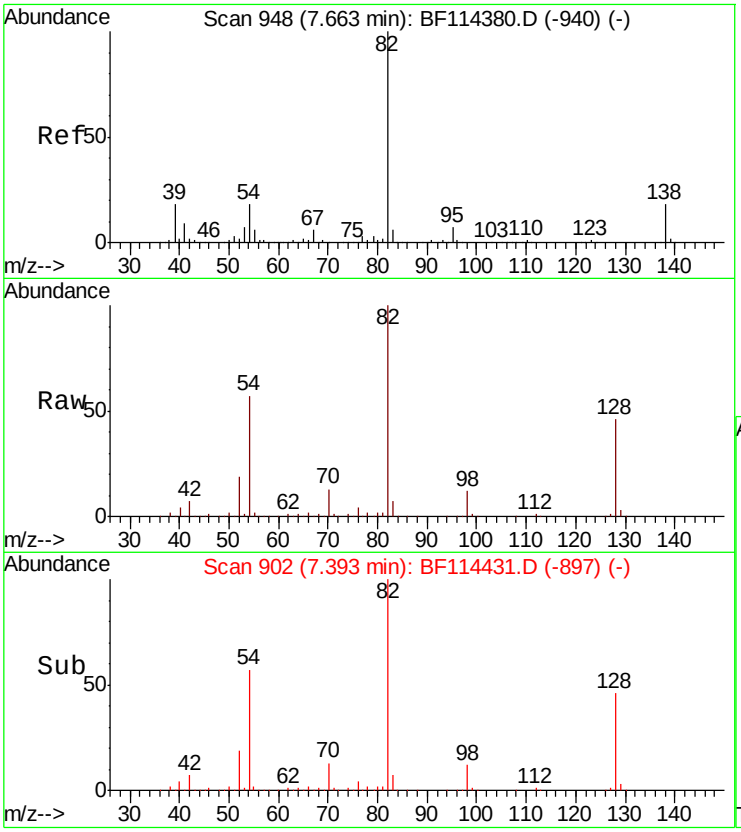


#23
Nitrobenzene-d5
Concen: 70.376 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Tgt Ion: 82 Resp: 828456

Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.5	53.3
54	56.6	48.5	72.7



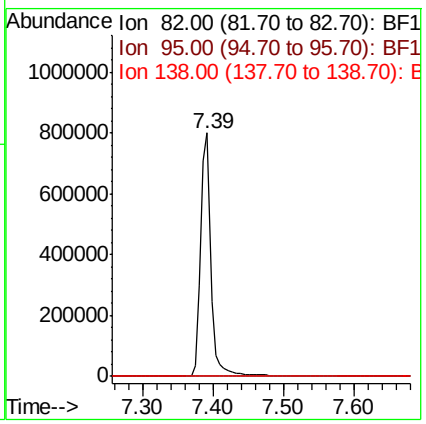


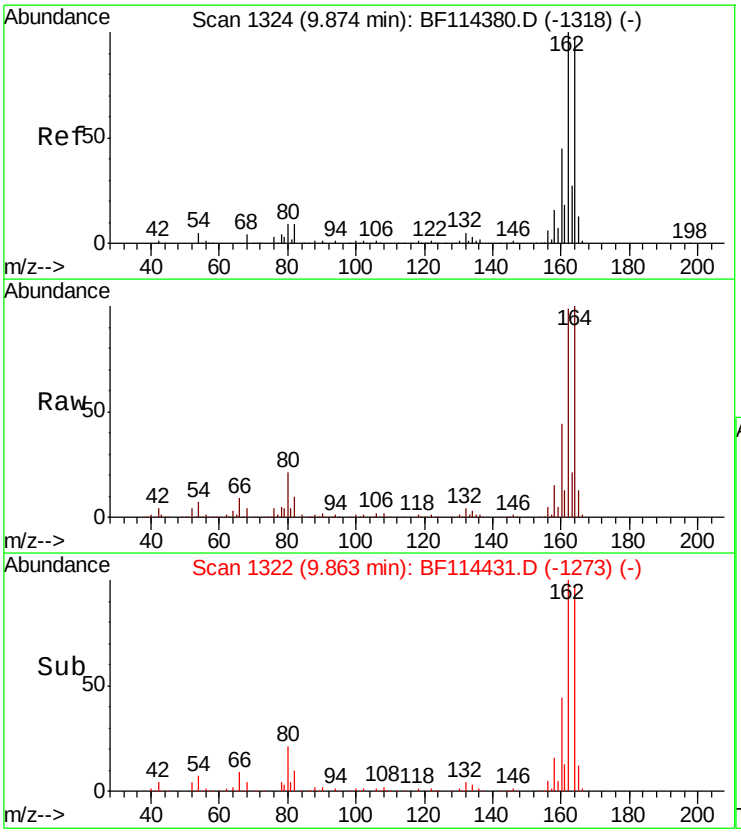
#25
Isophorone
Concen: 37.947 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.27 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10

Tgt Ion: 82 Resp: 828450

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.8	22.2#

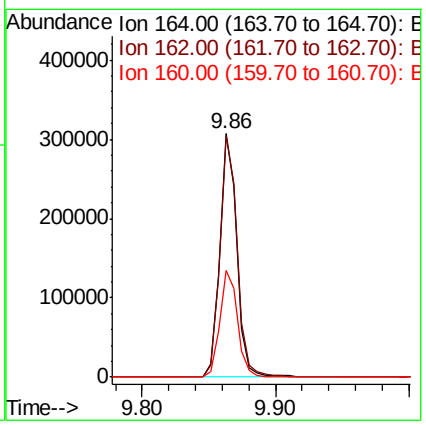


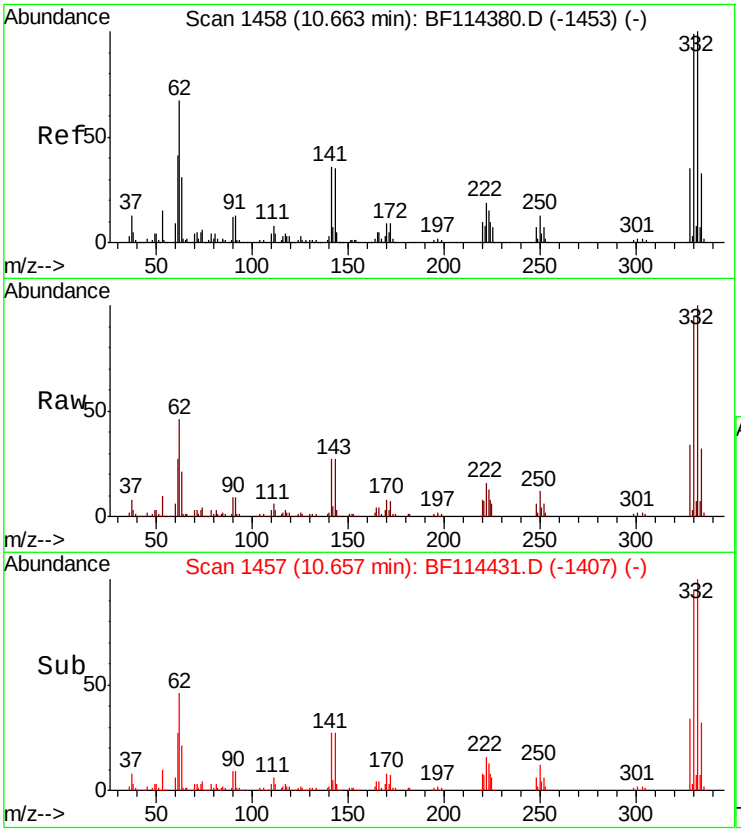


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Tgt Ion:164 Resp: 274932

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.6	120.8
160	43.7	36.5	54.7



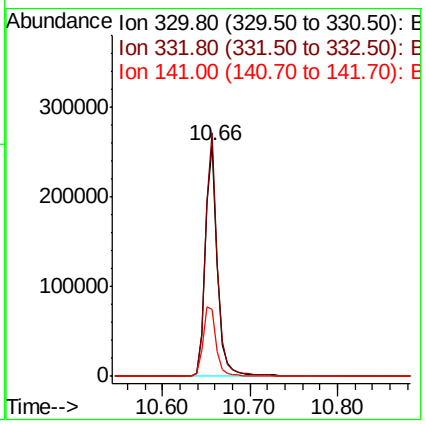


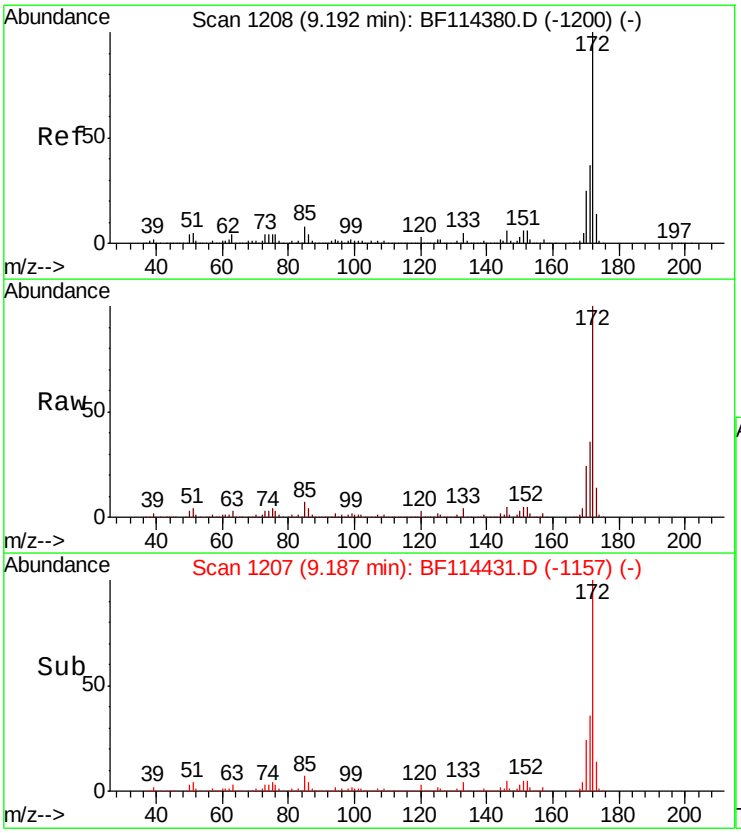
#42
2,4,6-Tribromophenol
Concen: 87.858 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10

Tgt Ion:330 Resp: 249723

Ion	Ratio	Lower	Upper
330	100		
332	102.7	81.4	122.2
141	32.8	26.6	40.0

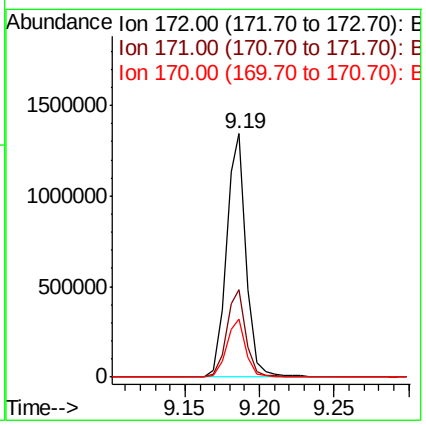


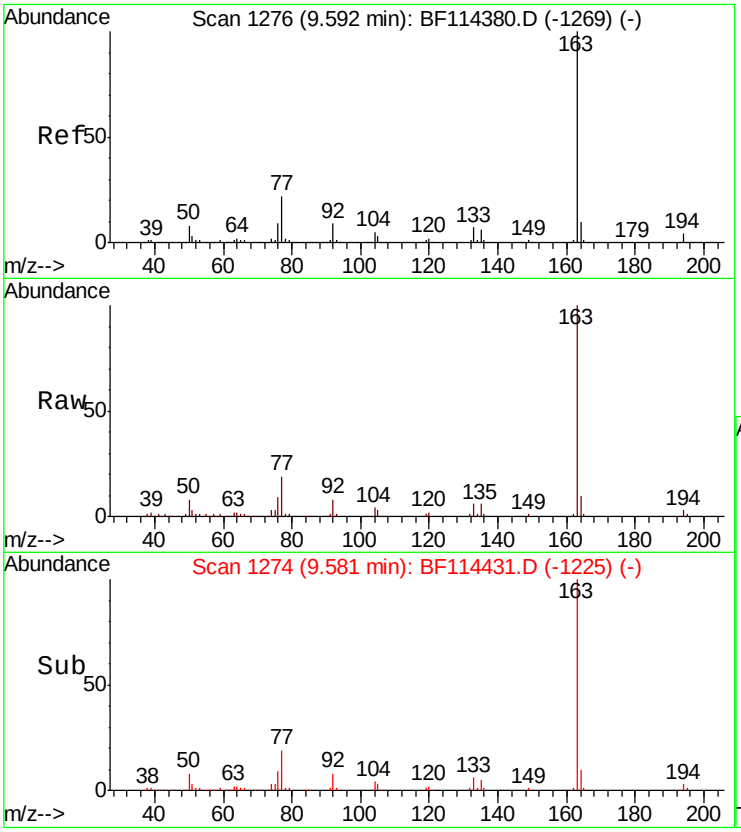


#45
2-Fluorobiphenyl
Concen: 68.929 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Tgt Ion:172 Resp: 1252799

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.7	46.1
170	23.7	20.5	30.7



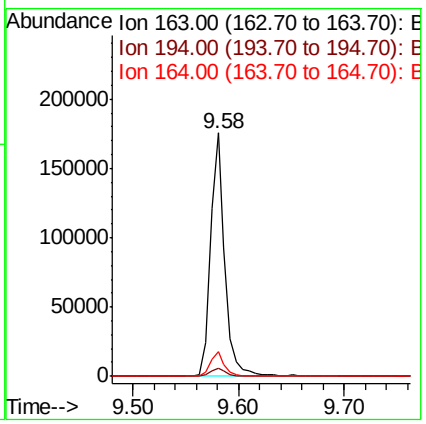


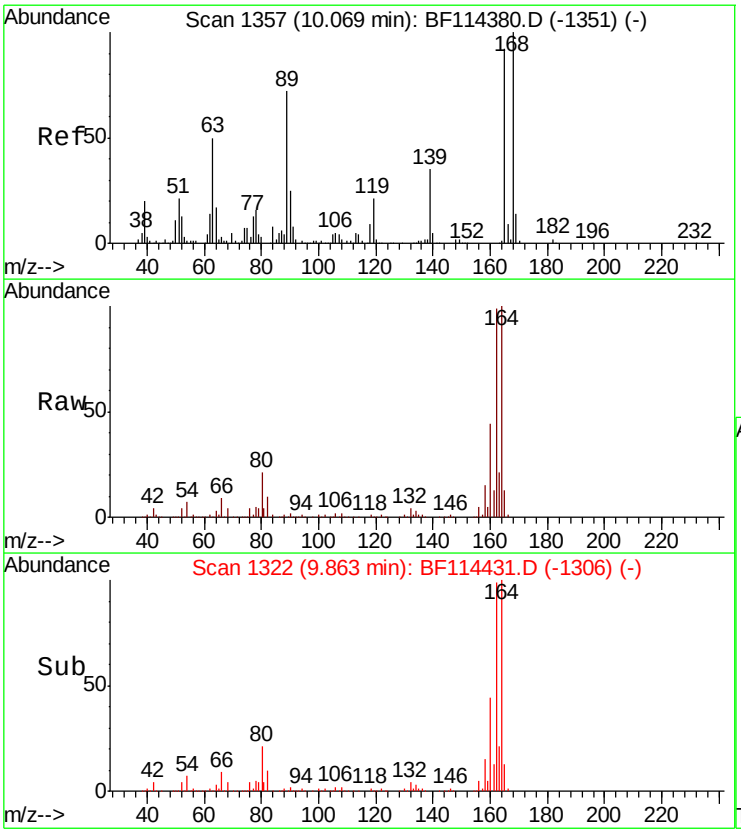
#50
Dimethylphthalate
Concen: 8.255 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10

Tgt Ion:163 Resp: 166608

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.4	5.0#
164	10.2	8.2	12.2

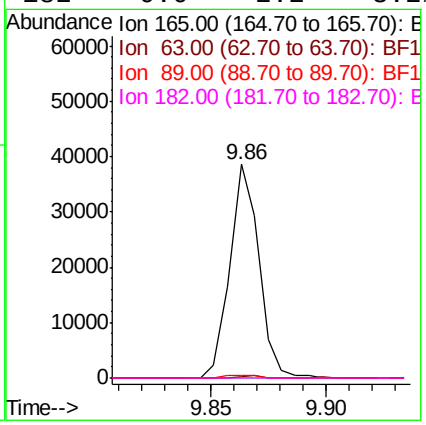


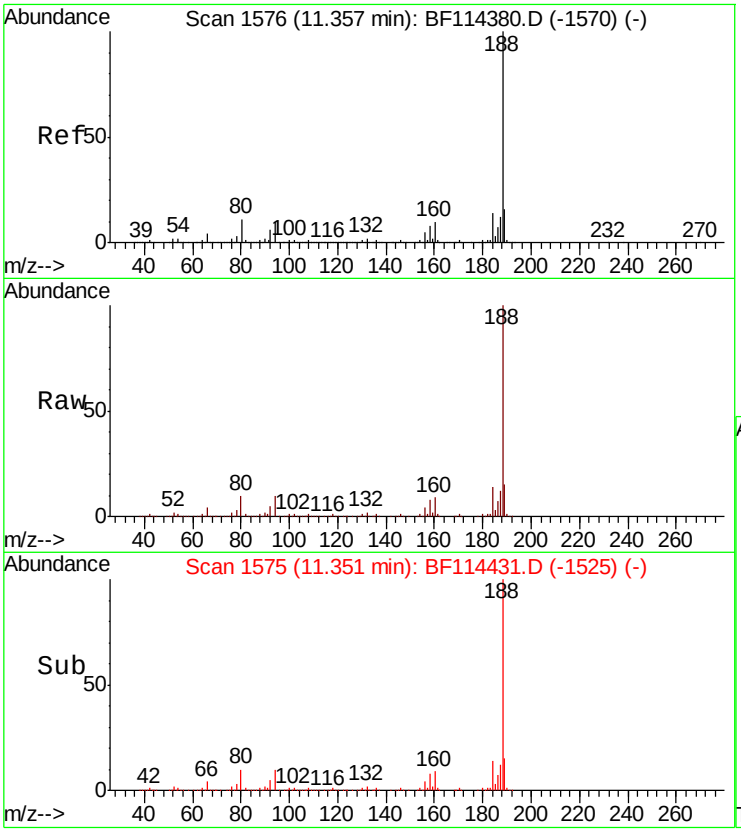


#57
2,4-Dinitrotoluene
Concen: 5.593 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.21 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Tgt Ion:165 Resp: 33981

Ion	Ratio	Lower	Upper
165	100		
63	0.8	35.5	53.3#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#



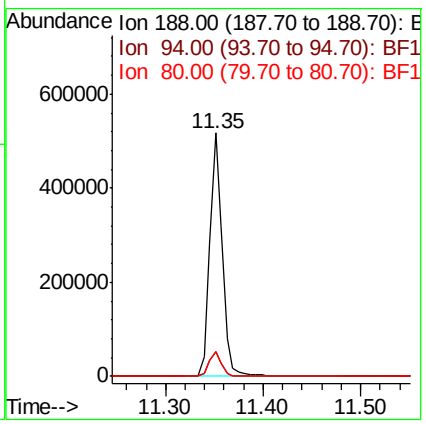


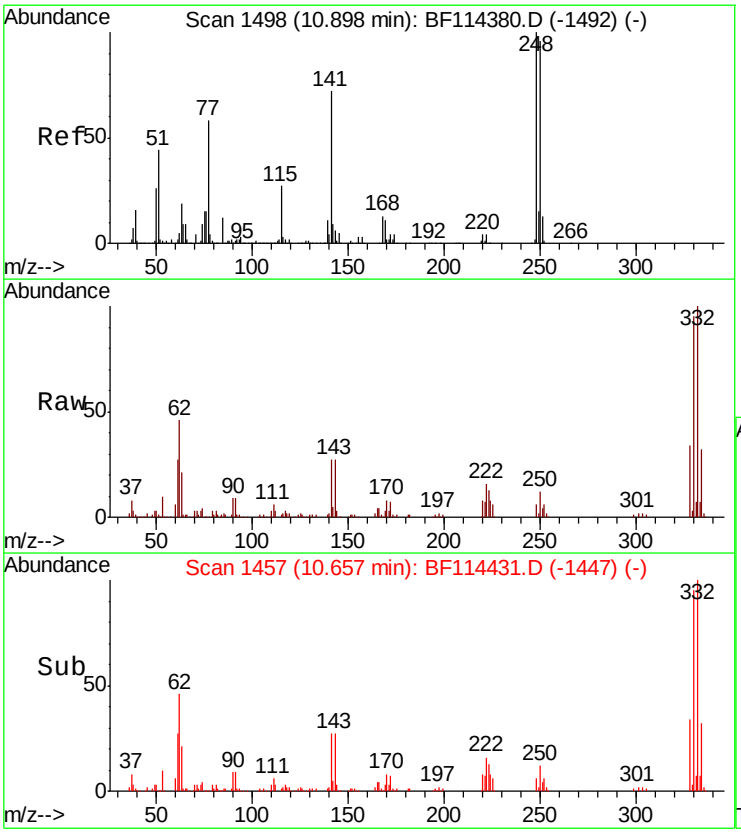
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10

Tgt Ion:188 Resp: 456475

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.4	12.6
80	10.3	9.2	13.8

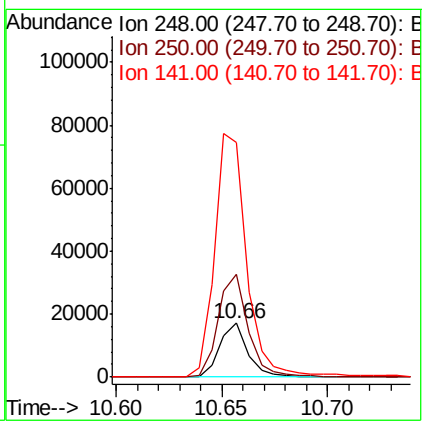


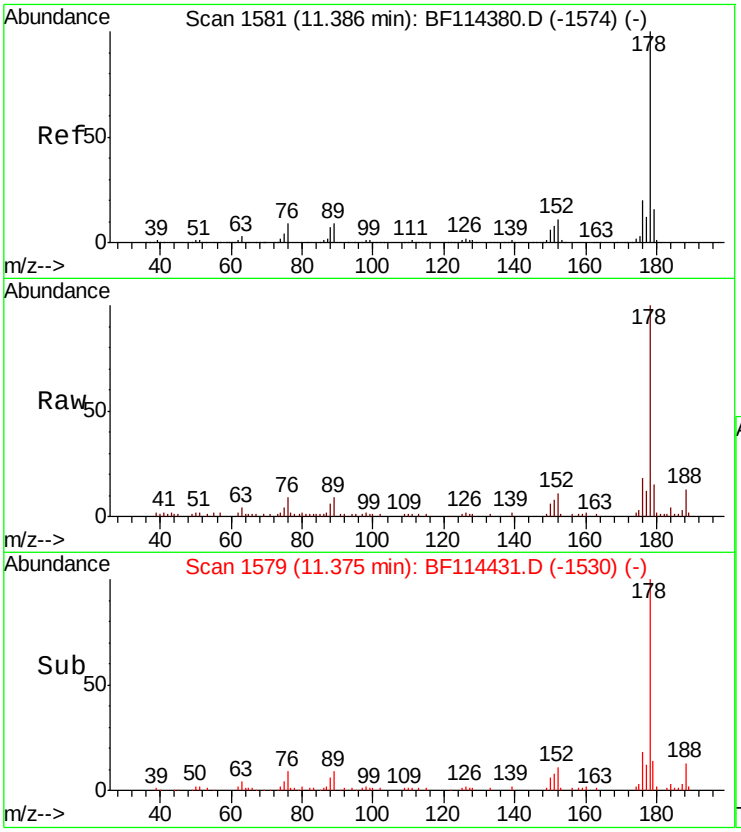


#67
4-Bromophenyl-phenylether
Concen: 3.099 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Tgt Ion:248 Resp: 15574

Ion	Ratio	Lower	Upper
248	100		
250	192.5	77.4	116.2#
141	436.6	55.6	83.4#



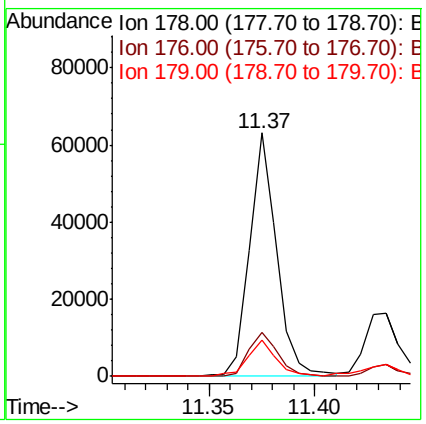


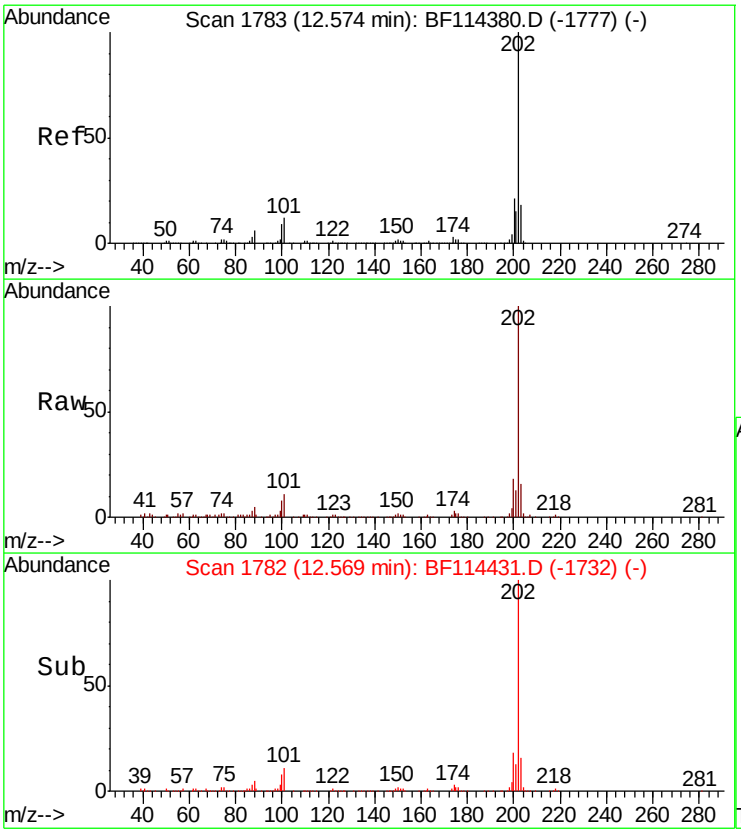
#71
Phenanthrene
Concen: 2.542 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10

Tgt Ion:178 Resp: 56460

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.4	24.6
179	14.9	13.2	19.8

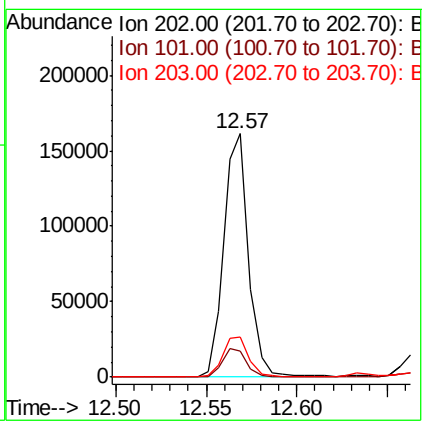


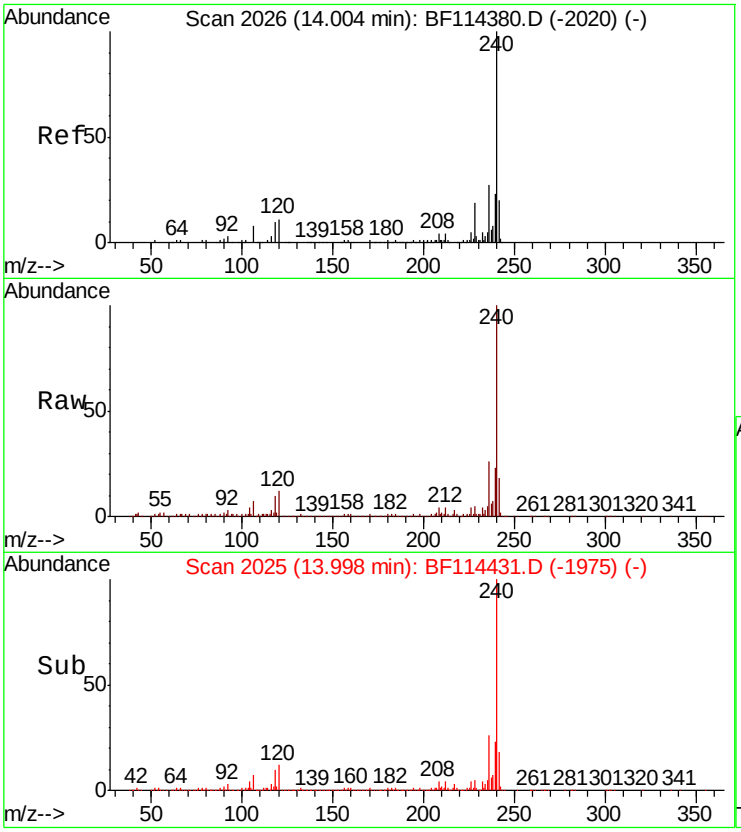


#75
Fluoranthene
Concen: 6.408 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Tgt Ion:202 Resp: 153260

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.0
203	16.2	0.0	38.4



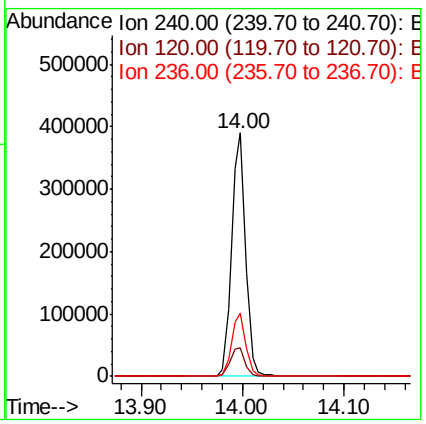


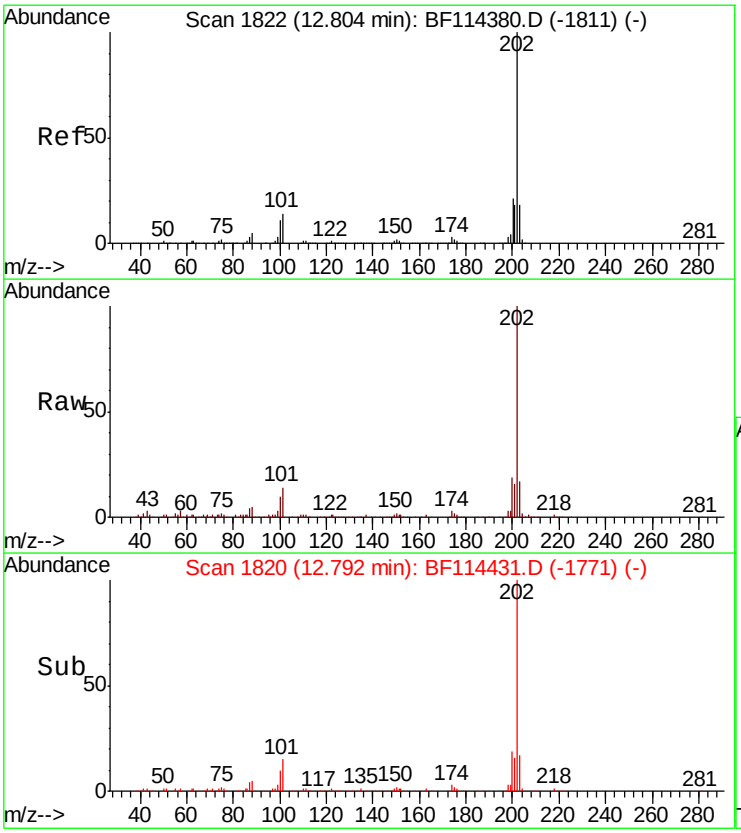
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10

Tgt Ion:240 Resp: 370366

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	25.8	20.8	31.2

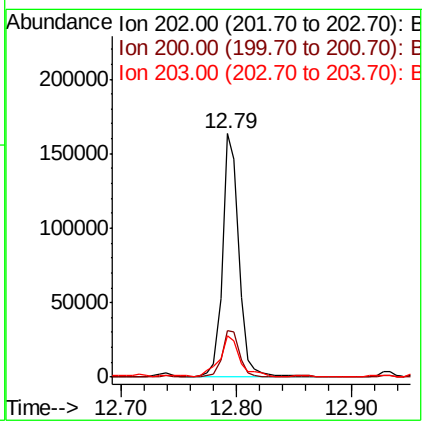


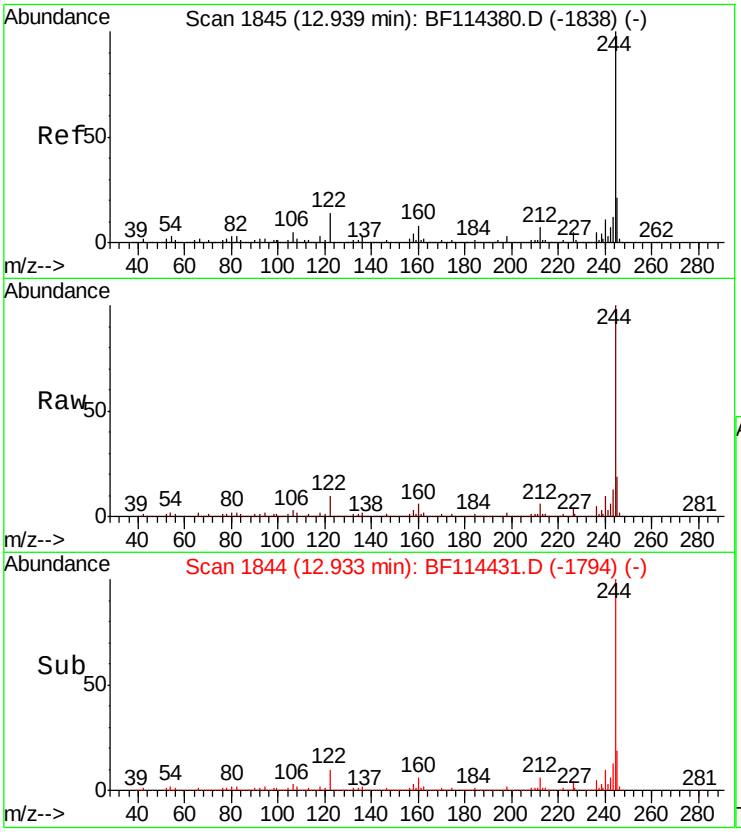


#78
Pyrene
Concen: 5.362 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Tgt Ion:202 Resp: 159767

Ion	Ratio	Lower	Upper
202	100		
200	19.2	16.9	25.3
203	16.9	14.5	21.7



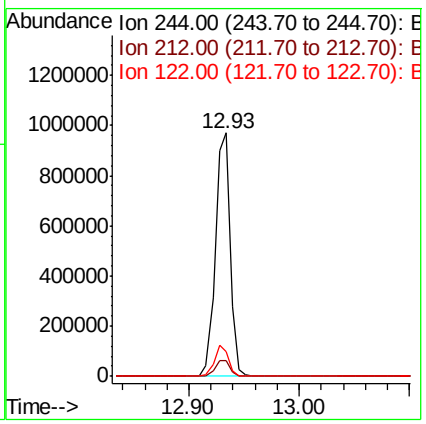


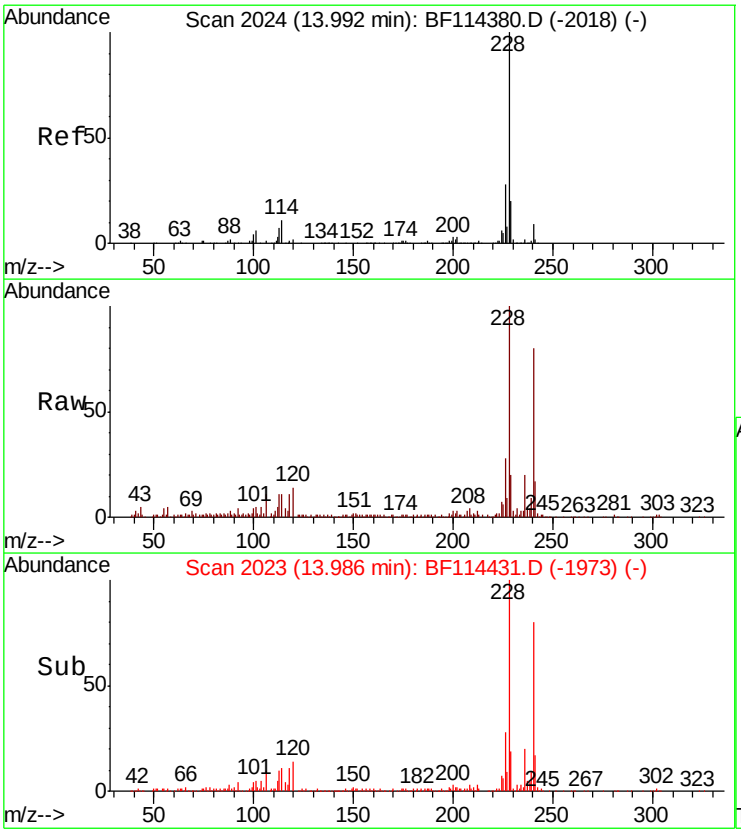
#79
Terphenyl-d14
Concen: 50.263 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10

Tgt Ion:244 Resp: 903052

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.6
122	10.3	9.4	14.2

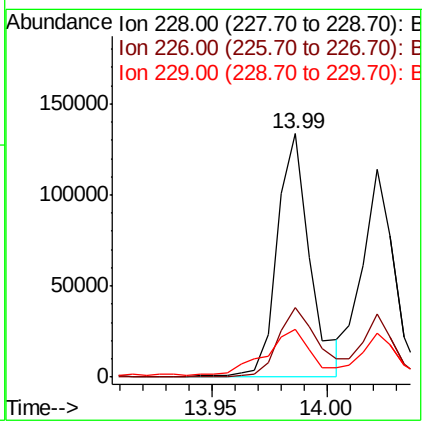


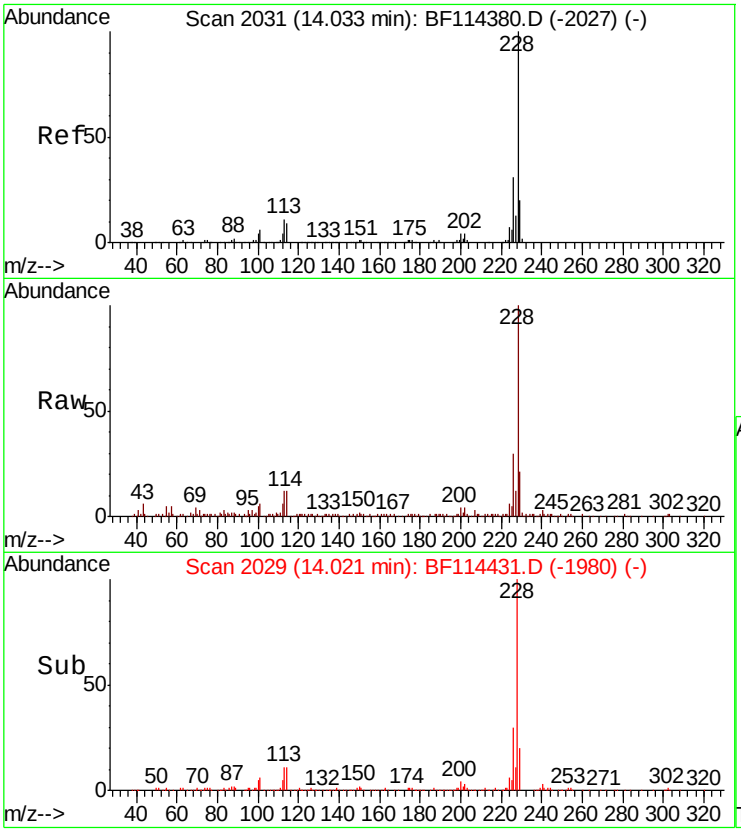


#81
Benzo(a)anthracene
Concen: 5.406 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Tgt Ion:228 Resp: 129497

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.2	33.2
229	19.7	16.4	24.6



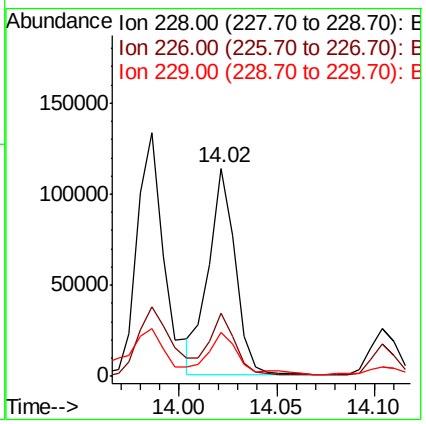


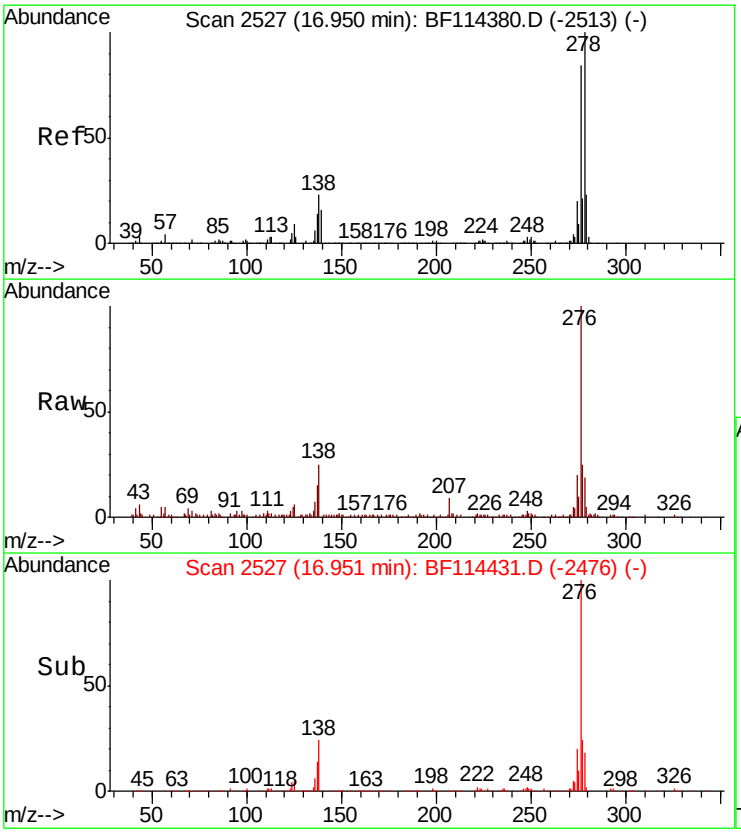
#83
Chrysene
Concen: 4.655 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10

Tgt Ion:228 Resp: 109311

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.1	17.0	25.6

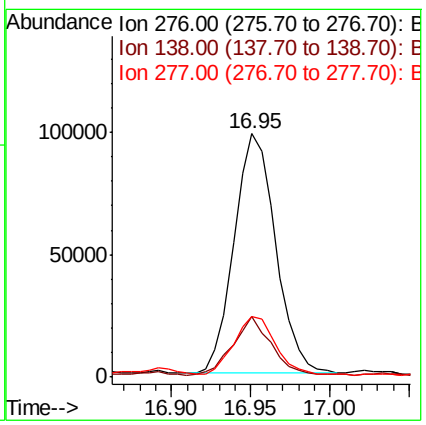


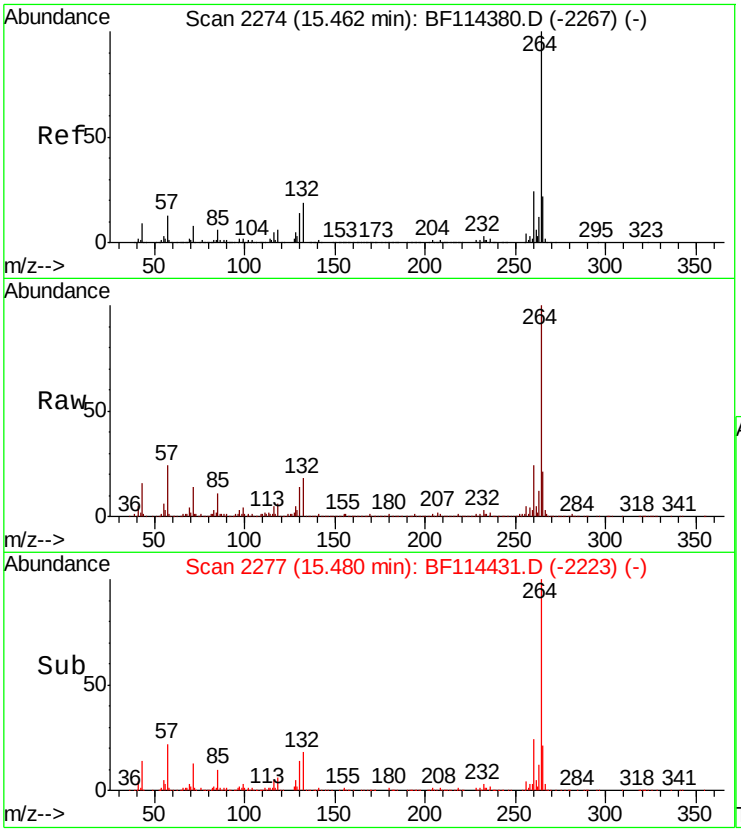


#86
Indeno(1,2,3-cd)pyrene
Concen: 8.555 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Tgt Ion:276 Resp: 177547

Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.2	30.2
277	24.4	20.0	30.0



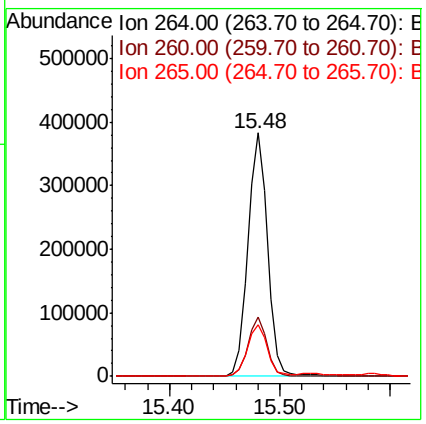


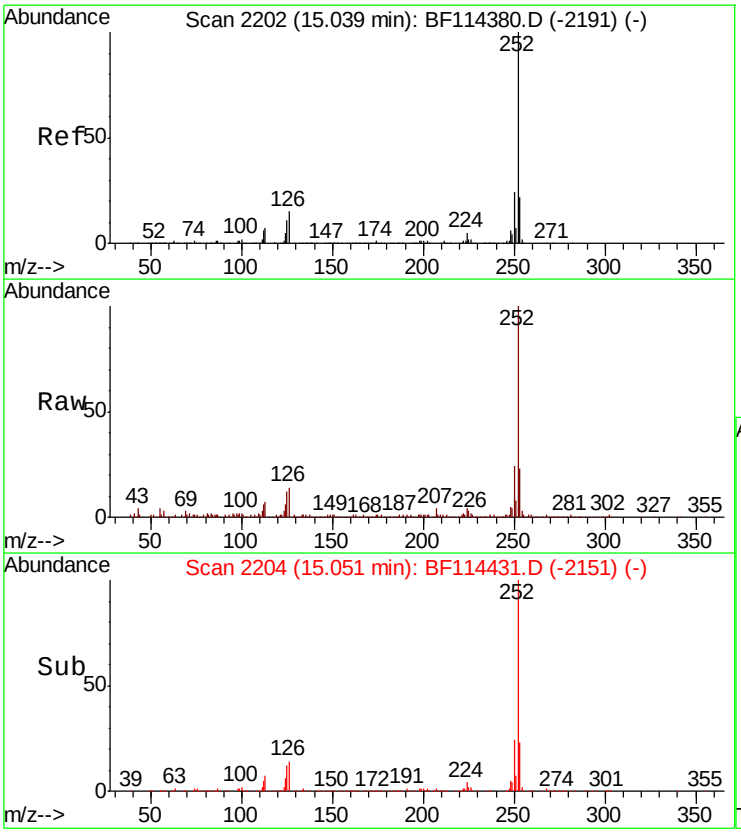
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10

Tgt Ion:264 Resp: 477992

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.0	16.9	25.3

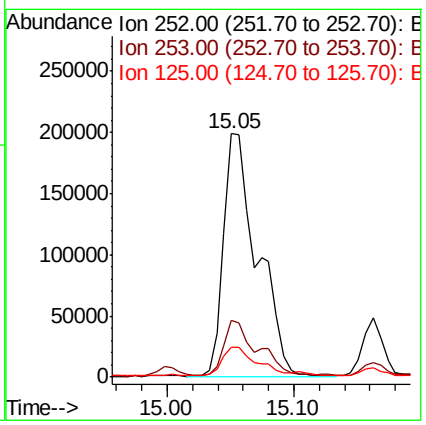


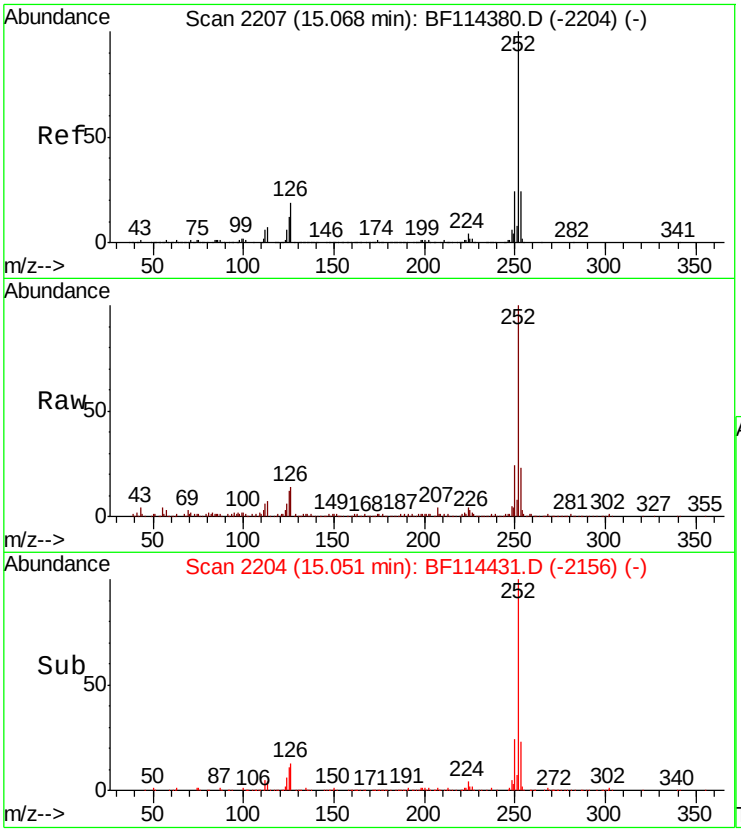


#88
Benzo(b)fluoranthene
Concen: 12.052 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Tgt Ion:252 Resp: 369062

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	12.4	8.3	12.5



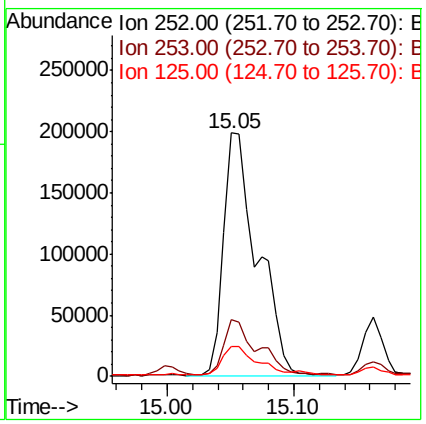


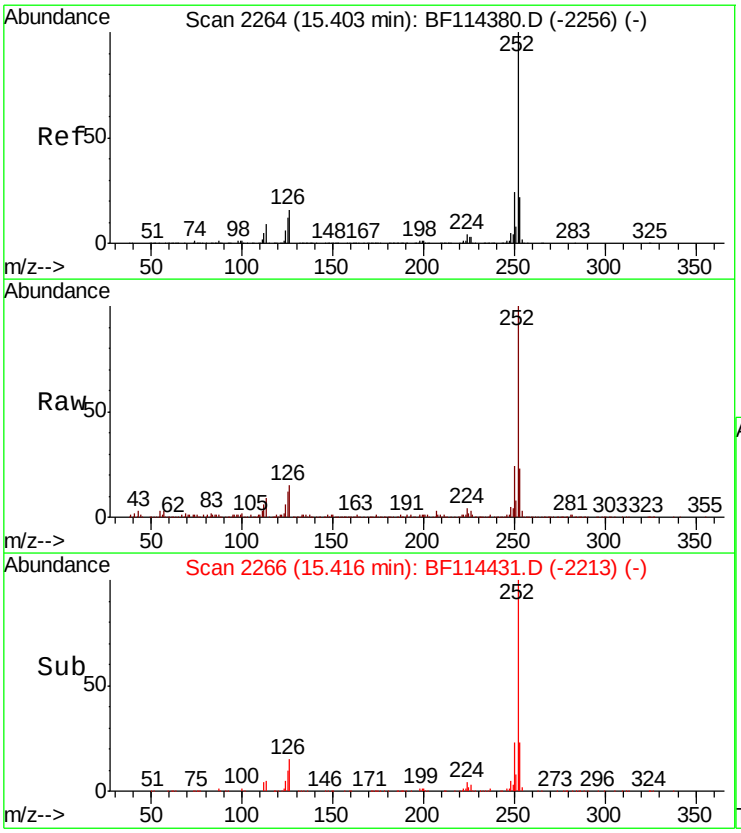
#89
Benzo(k)fluoranthene
Concen: 13.120 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10

Tgt Ion:252 Resp: 369062

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	12.4	8.6	13.0

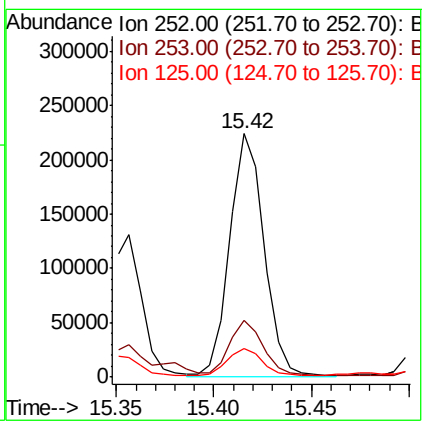


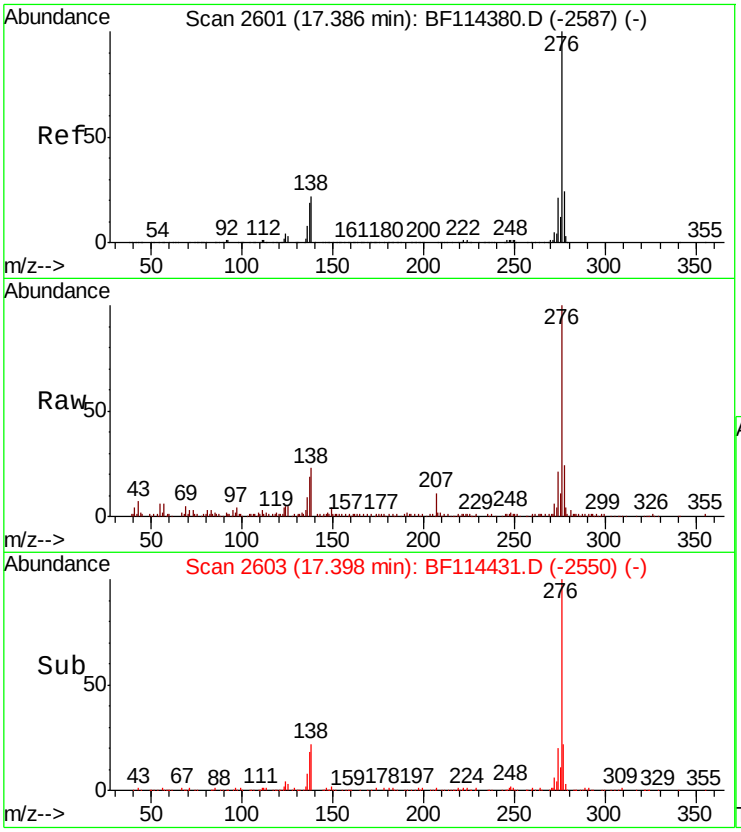


#90
Benzo(a)pyrene
Concen: 10.108 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Tgt Ion:252 Resp: 272407

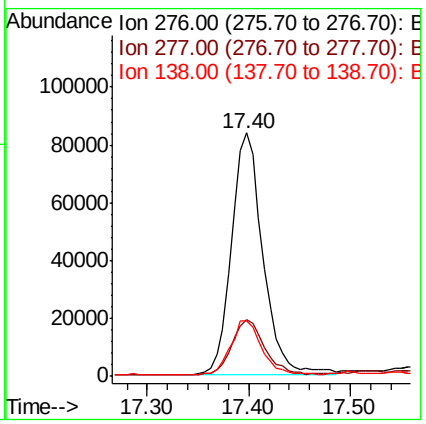
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	11.8	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 8.014 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BF114431.D
Acq: 20 May 2019 11:53

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10

Tgt Ion:276 Resp: 179866

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	22.7	17.8	26.6