Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
Data File : BF114251.D
Acq On : 14 May 2019 1:52
Operator : JU/SJ
Sample : K2767-15DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS012-0002-02DL

Quant Time: May 14 04:52:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	246424	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	996205	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	475893	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	883757	20.00	ng		0.01
76) Chrysene-d12	14.03	240	582578	20.00	ng		0.00
87) Perylene-d12	15.51	264	585409	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	289335	18.89	ng		0.00
7) Phenol-d6	6.50	99	408524	22.56	ng		0.00
23) Nitrobenzene-d5	7.41	82	249064	14.03	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	82241	16.72	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	405331	12.88	ng		0.00
79) Terphenyl-d14	12.96	244	318973	11.29	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	31544	2.748	ng	#	77
25) Isophorone	7.41	82	249063	7.565	ng	#	64
31) Naphthalene	8.16	128	201591	4.332	ng		97
32) Benzoic acid	7.92	122	2075	7.201	ng	#	78
37) 2-Methylnaphthalene	8.85	142	85603	2.851	ng		98
38) 1-Methylnaphthalene	8.95	142	58524	2.070	ng		99
49) Acenaphthylene	9.75	152	384699	8.175	ng		97
50) Dimethylphthalate	9.60	163	73382	2.101	ng		99
51) 2,6-Dinitrotoluene	9.89	165	65408	8.441	ng	#	23
54) 2,4-Dinitrophenol	10.17	184	107	6.770	ng	#	15
71) Phenanthrene	11.40	178	1200314	27.917	ng		99
72) Anthracene	11.45	178	170054	3.938	ng		96
75) Fluoranthene	12.60	202	1400225	30.242	ng		99
78) Pyrene	12.83	202	2443194	52.132	ng		99
81) Benzo(a)anthracene	14.05	228	1042867	27.676	ng		96
83) Chrysene	14.05	228	1042867	28.233	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	376384	11.530	ng		95
88) Benzo(b)fluoranthene	15.08	252	1297394	34.593	ng	#	98
89) Benzo(k)fluoranthene	15.08	252	1297394	37.658	ng		98
90) Benzo(a)pyrene	15.44	252	740291	22.428	ng		99
92) Benzo(g,h,i)perylene	17.44	276	425437	15.478	ng		97

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

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Quant Time: May 14 04:52:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
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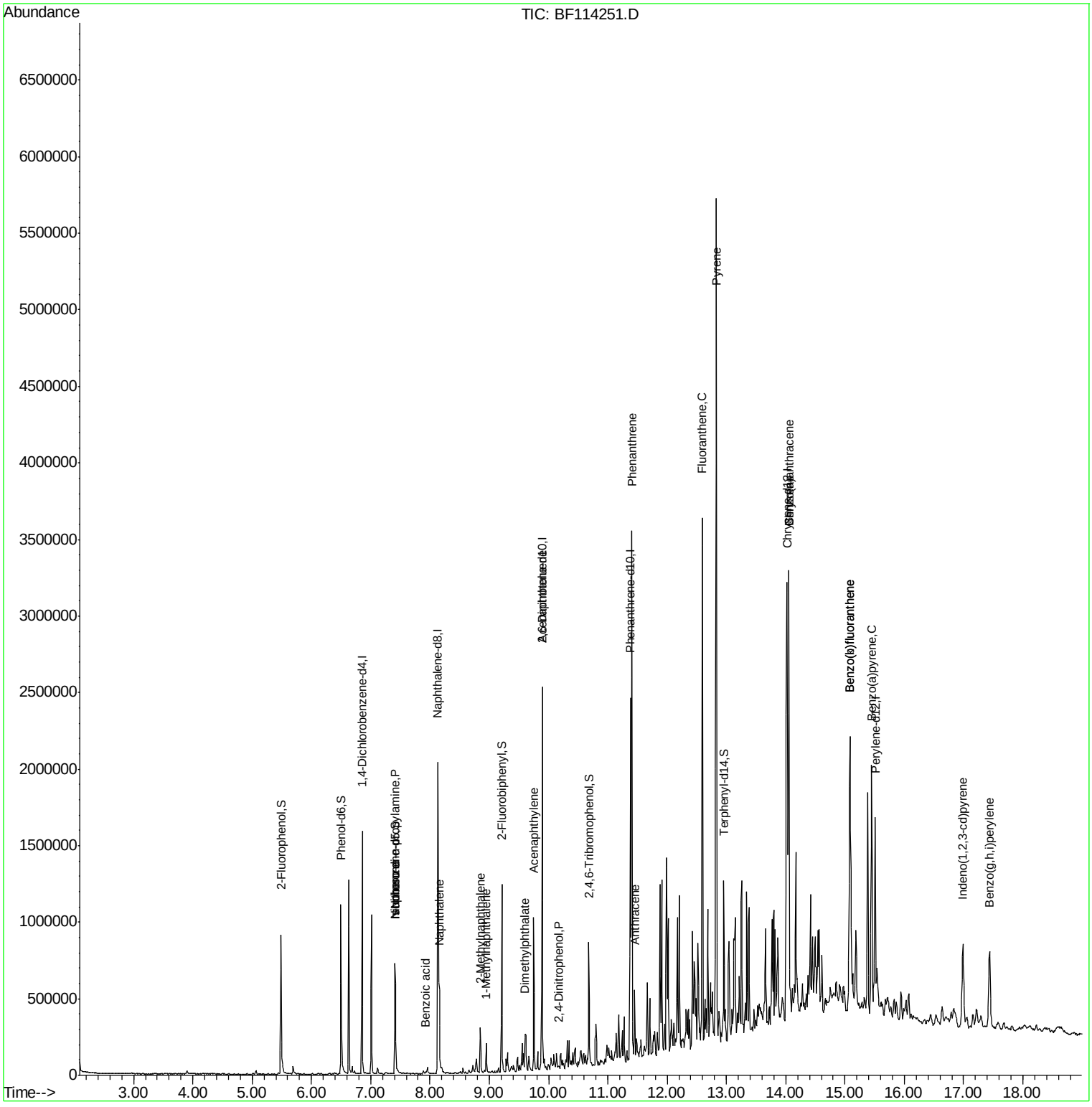
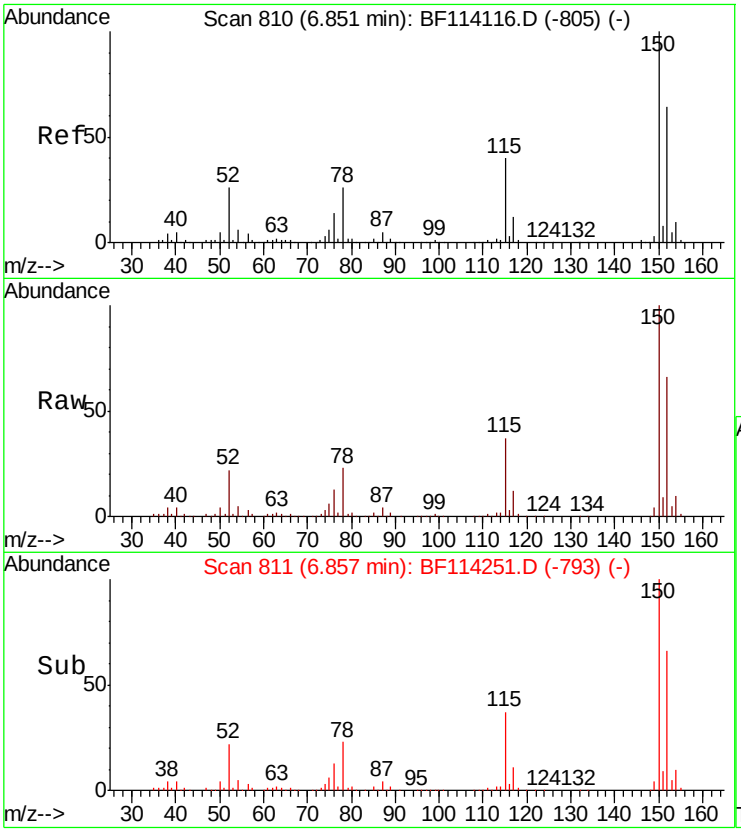


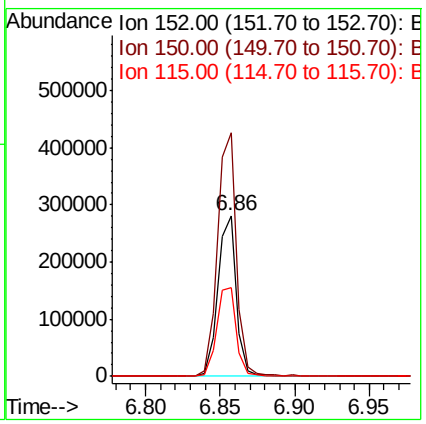


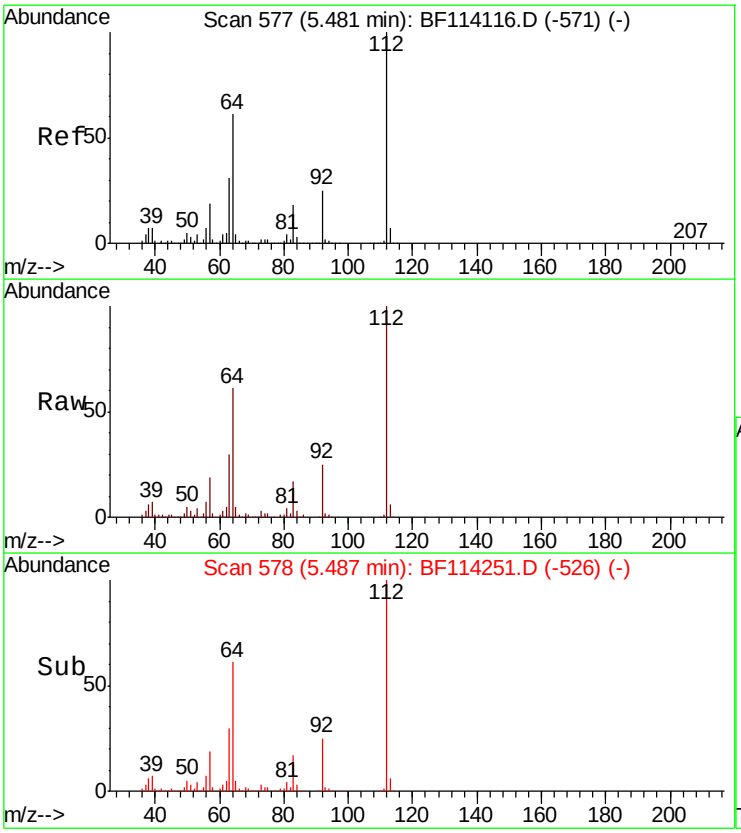
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion:152 Resp: 246424

Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.3	186.5
115	55.3	49.1	73.7

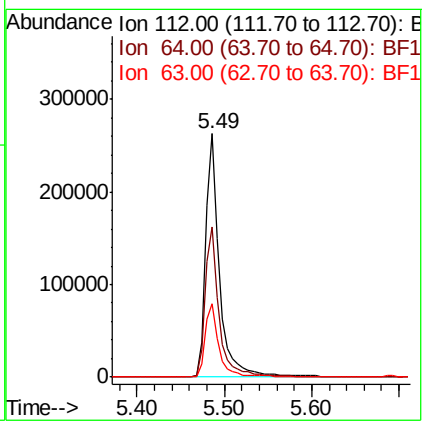


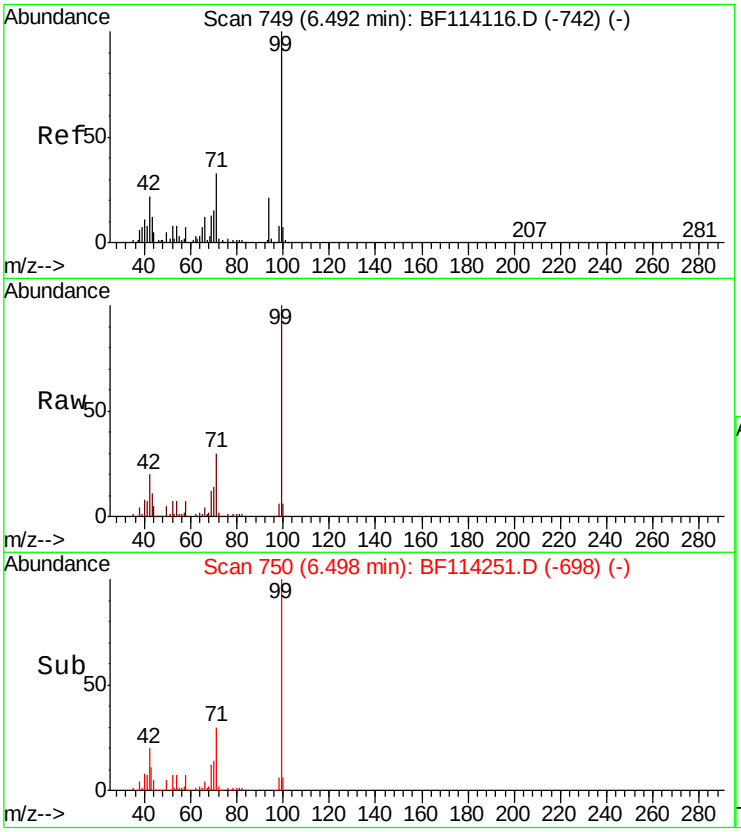


#5
2-Fluorophenol
Concen: 18.895 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion:112 Resp: 289335

Ion	Ratio	Lower	Upper
112	100		
64	61.5	49.0	73.6
63	30.1	24.6	37.0



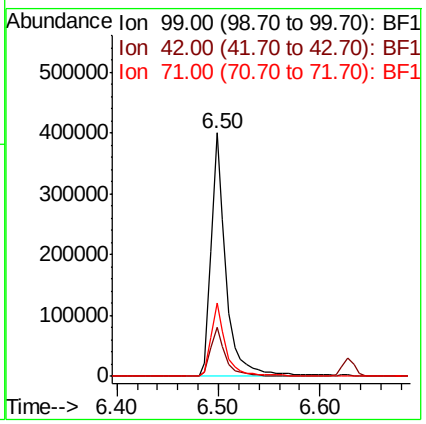


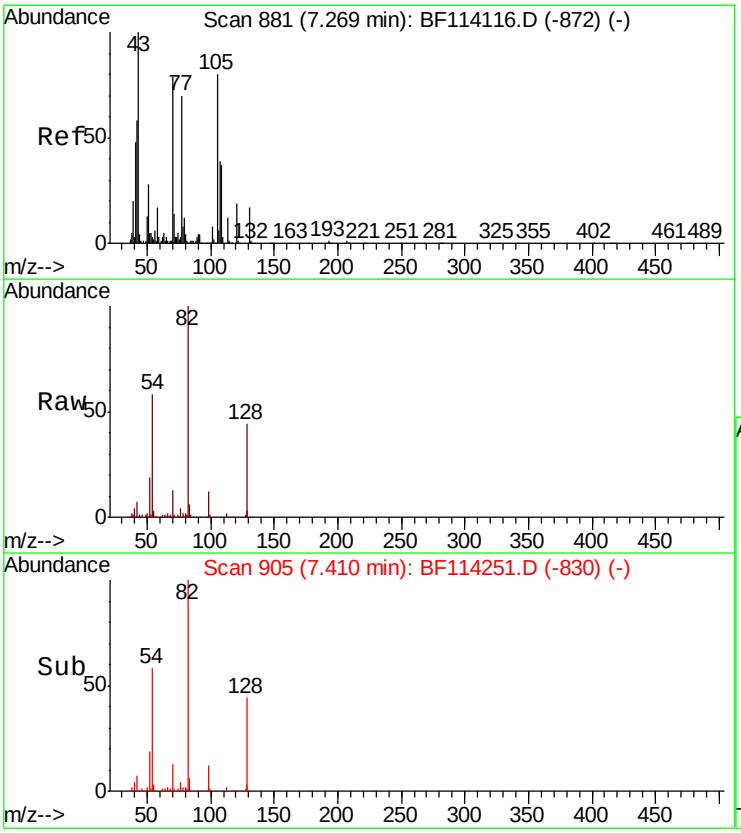
#7
Phenol-d6
Concen: 22.557 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion: 99 Resp: 408524

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.9	26.9
71	30.2	26.2	39.2

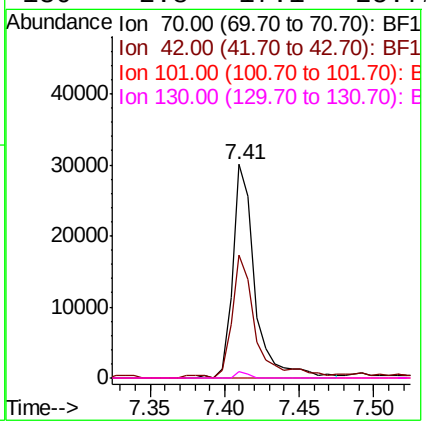


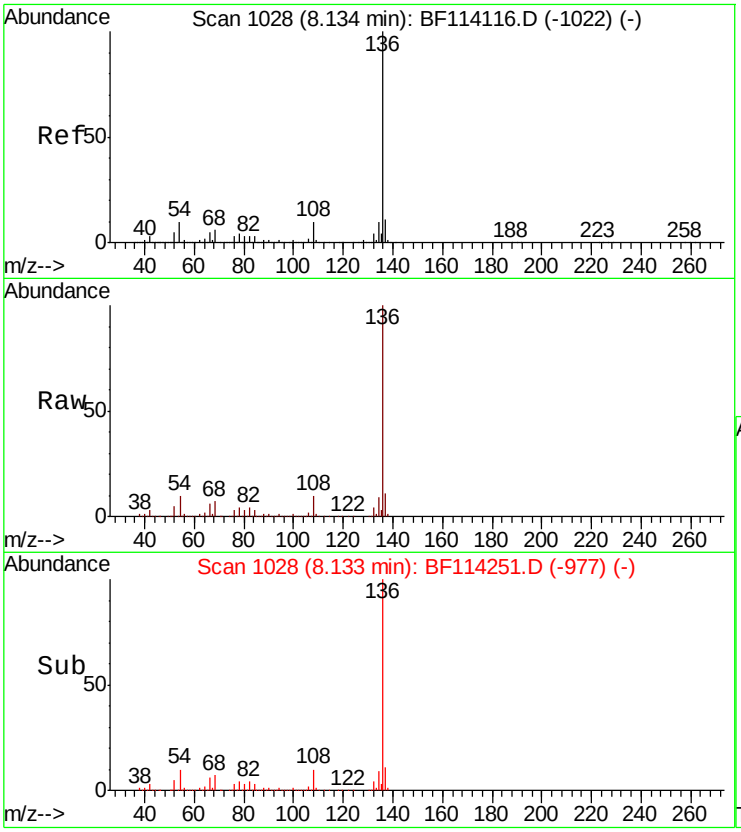


#19
n-Nitroso-di-n-propylamine
Concen: 2.748 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion: 70 Resp: 31544

Ion	Ratio	Lower	Upper
70	100		
42	57.8	58.6	87.8#
101	0.0	7.8	11.8#
130	2.8	17.1	25.7#



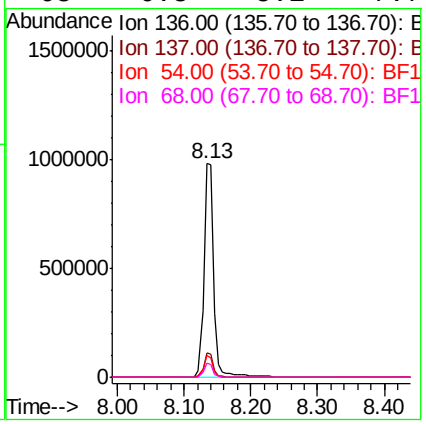


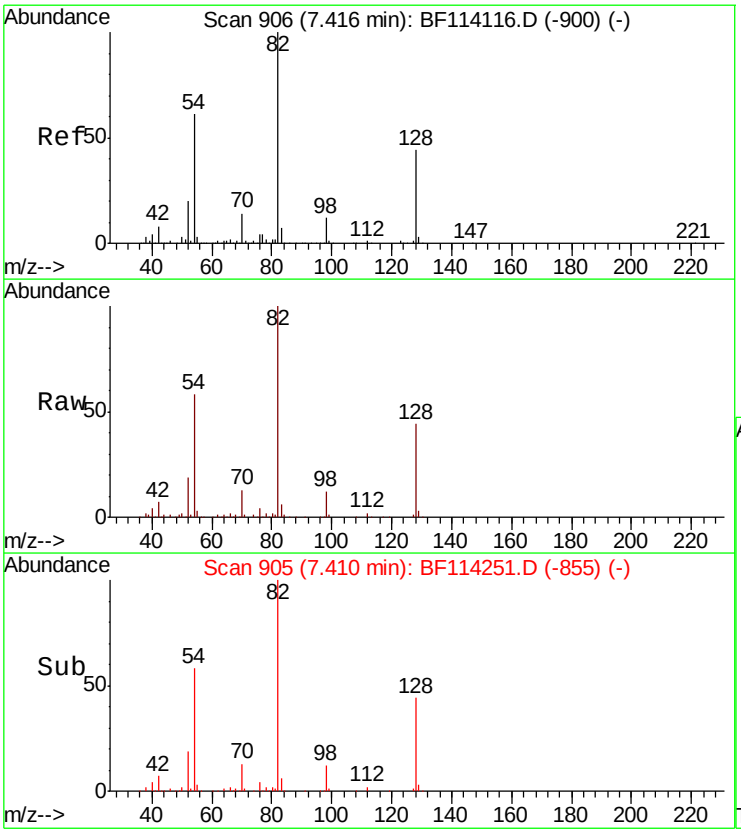
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion:136 Resp: 996205

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.3	7.8	11.8
68	6.8	5.1	7.7

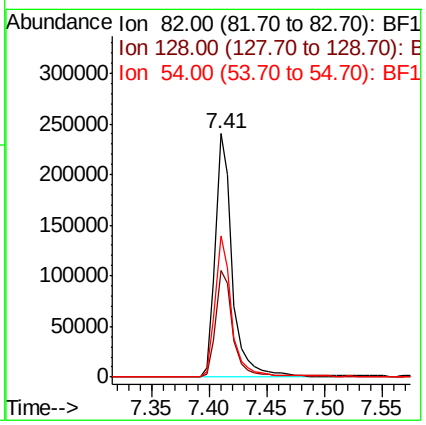


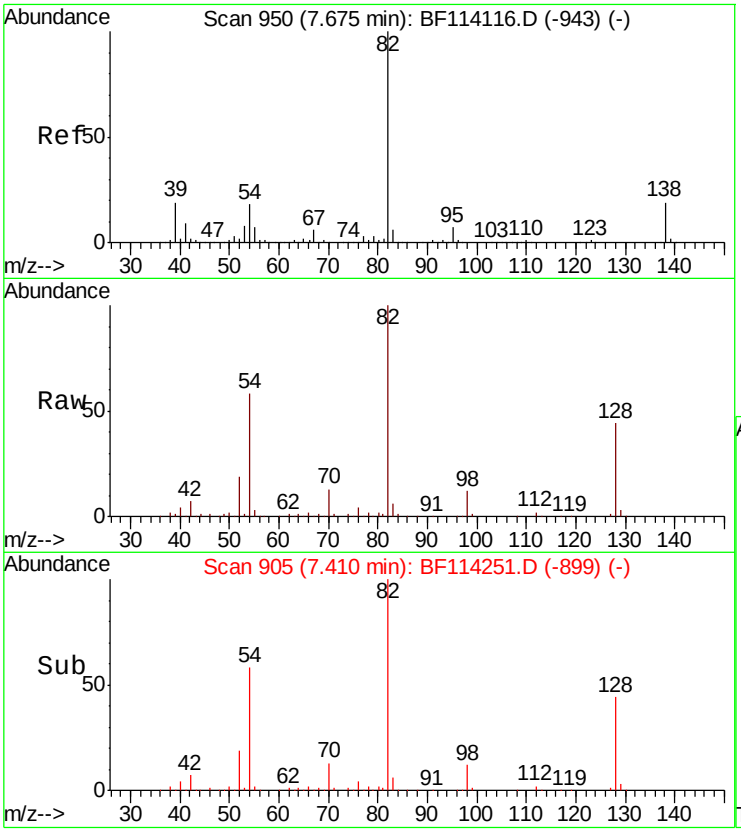


#23
Nitrobenzene-d5
Concen: 14.031 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion: 82 Resp: 249064

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.5	53.3
54	58.1	48.5	72.7



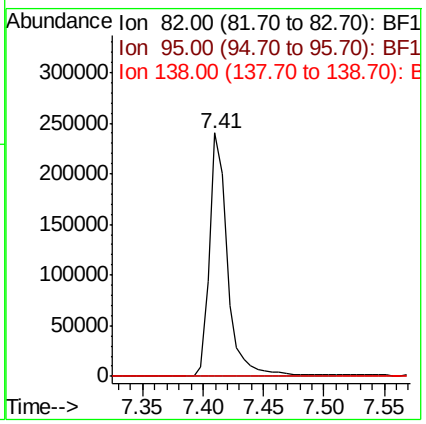


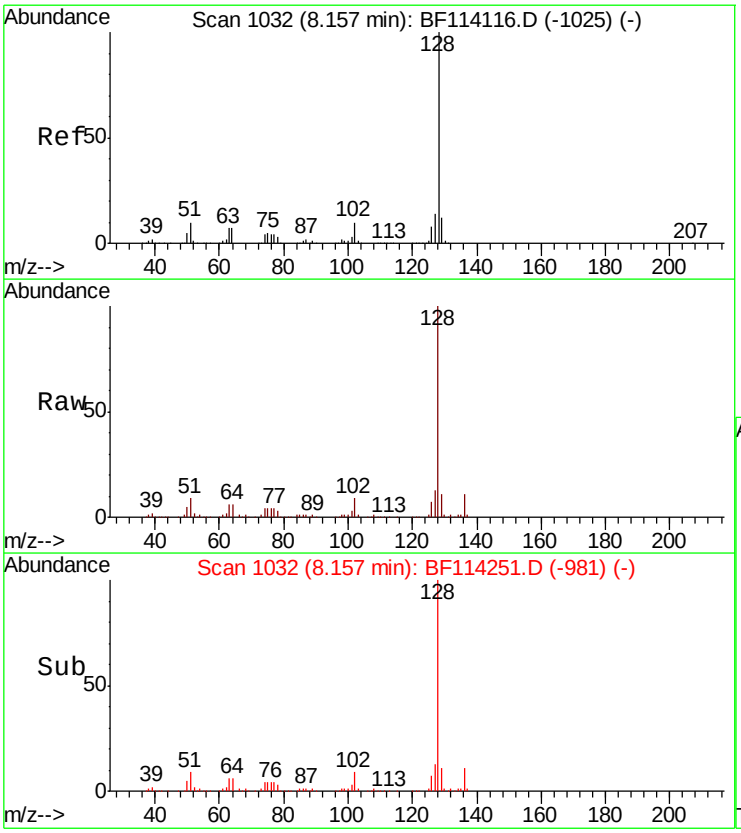
#25
Isophorone
Concen: 7.565 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion: 82 Resp: 249063

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

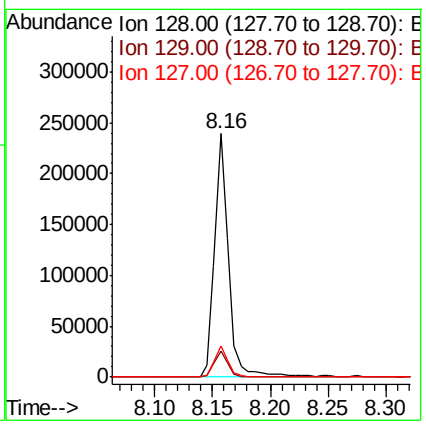


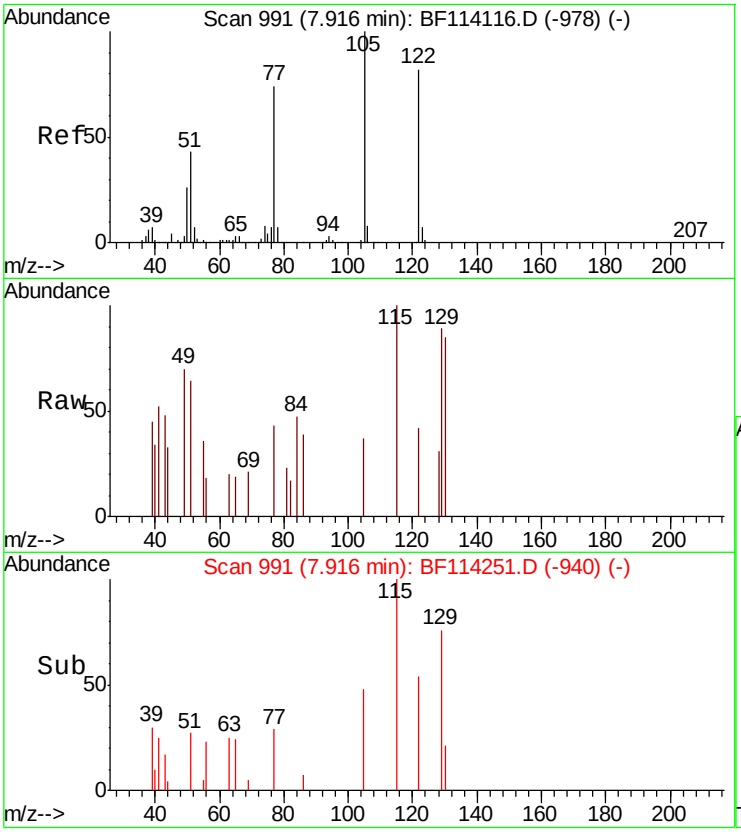


#31
Naphthalene
Concen: 4.332 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion:128 Resp: 201591

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.6	14.4
127	12.6	11.3	16.9



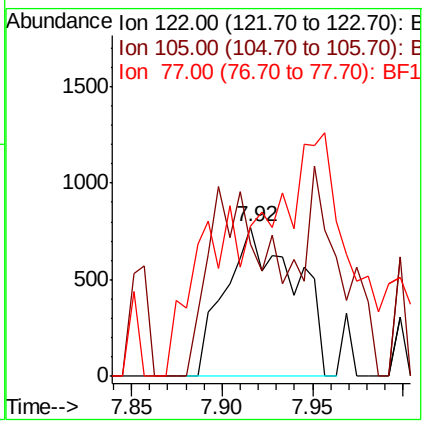


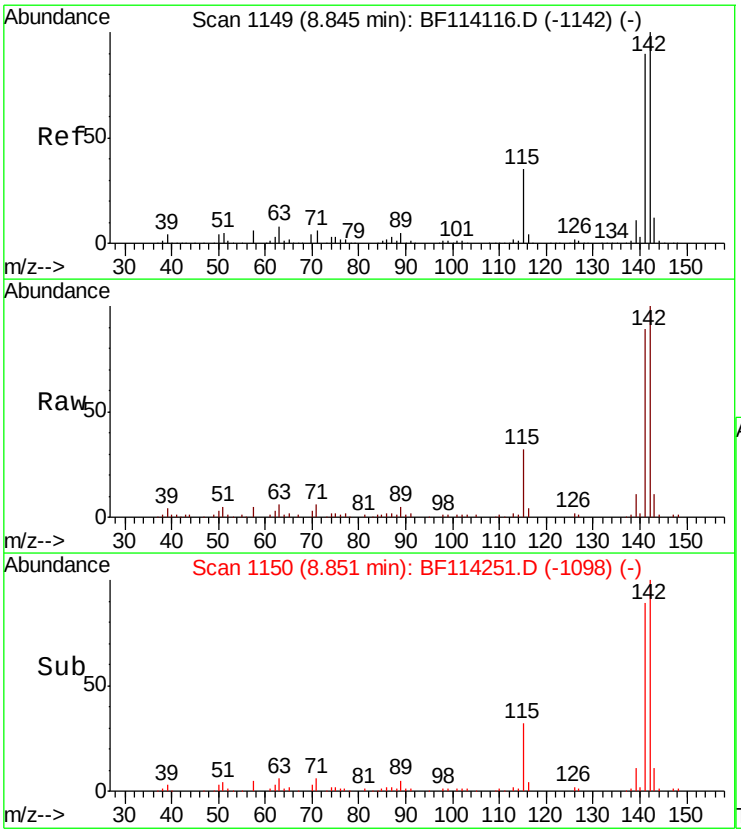
#32
Benzoic acid
Concen: 7.201 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion:122 Resp: 2075

Ion	Ratio	Lower	Upper
122	100		
105	88.5	99.9	139.9#
77	101.0	69.4	109.4

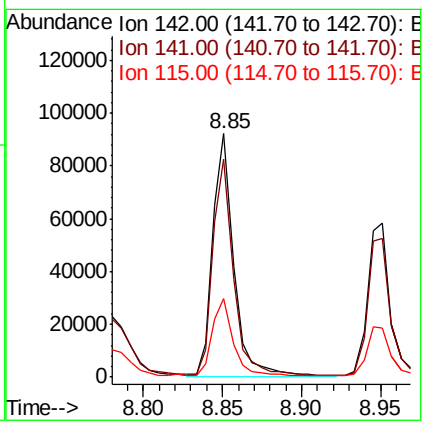


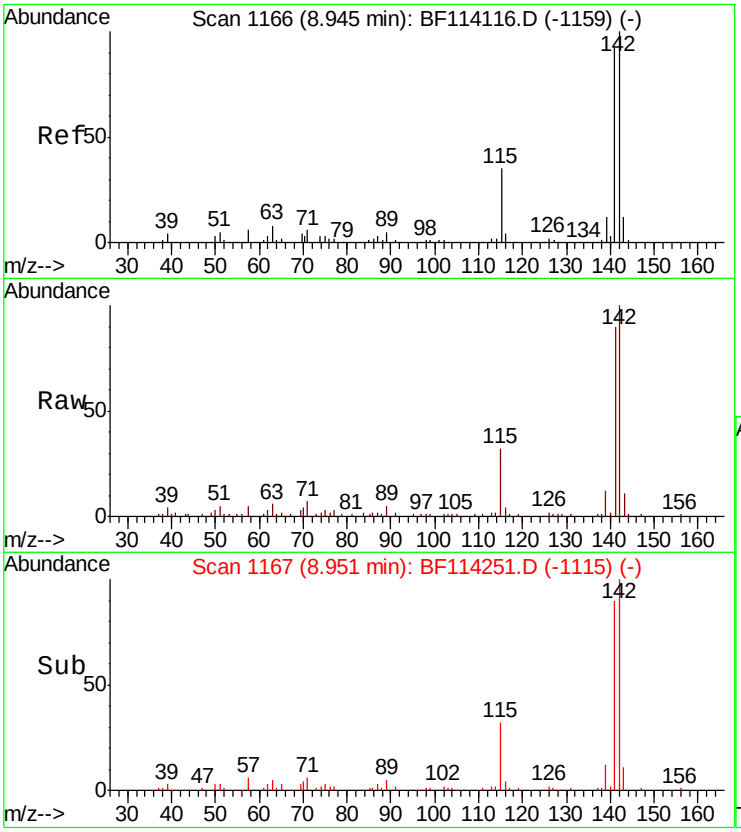


#37
2-Methylnaphthalene
Concen: 2.851 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion:142 Resp: 85603

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.1	108.1
115	32.0	28.0	42.0



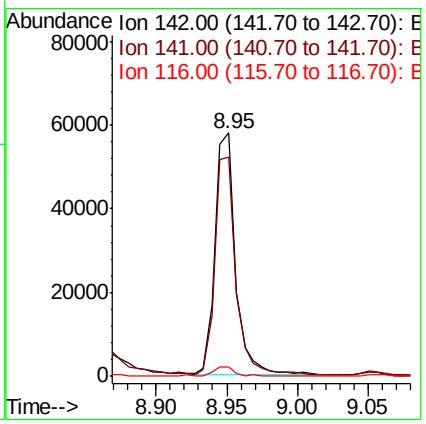


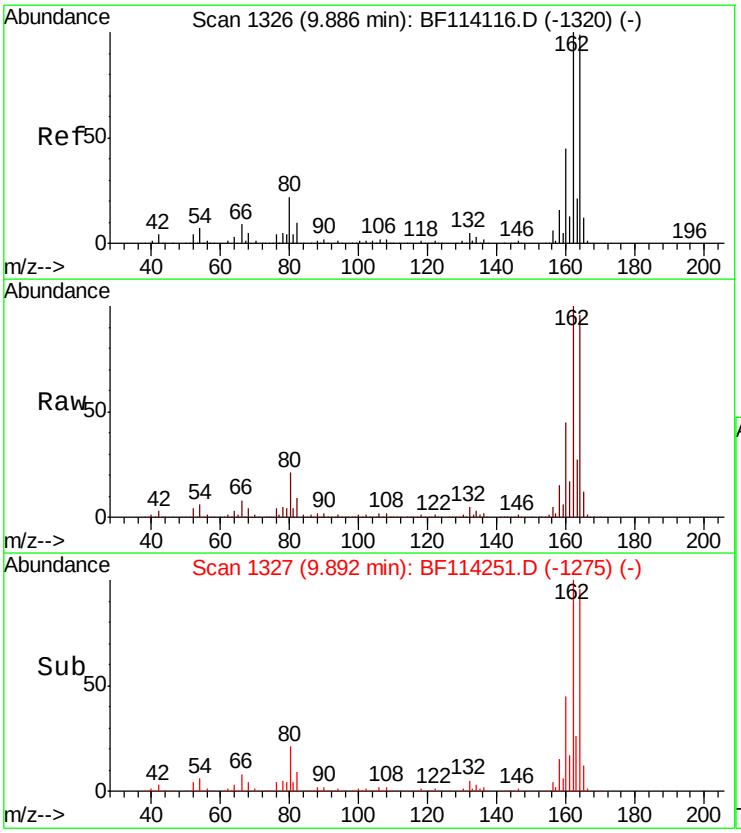
#38
1-Methylnaphthalene
Concen: 2.070 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion:142 Resp: 58524

Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.4	110.0
116	3.8	3.1	4.7

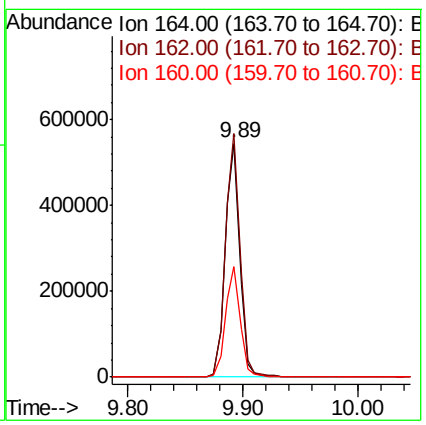


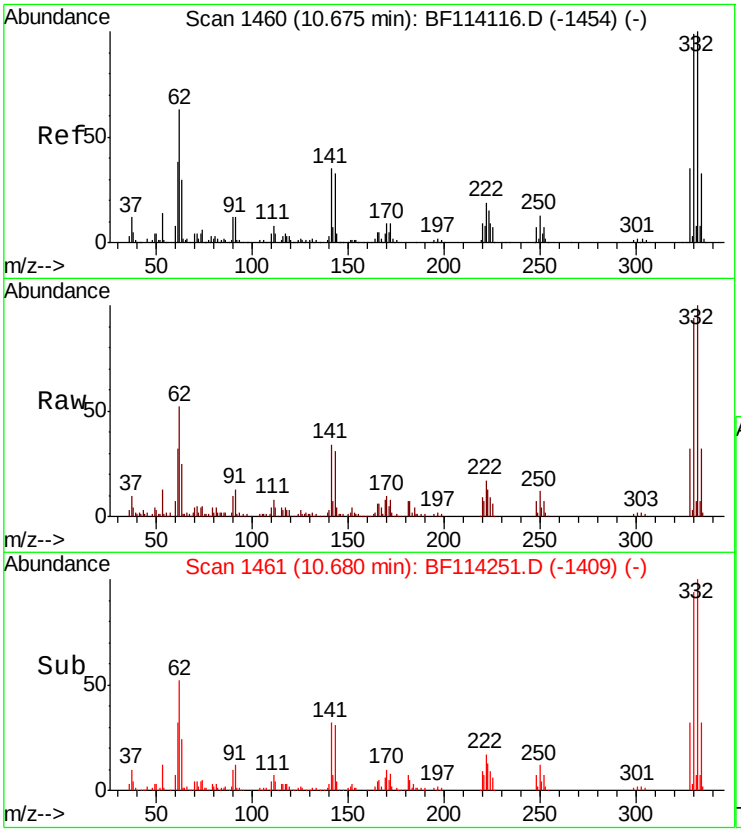


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion:164 Resp: 475893

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.6	120.8
160	47.0	36.5	54.7



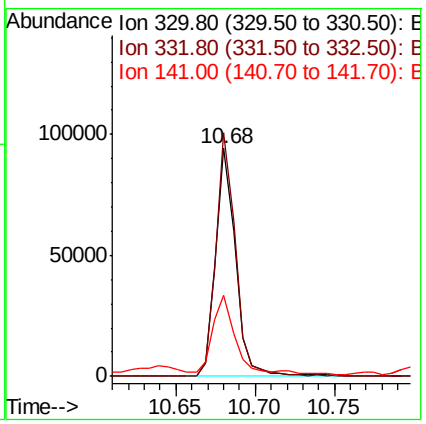


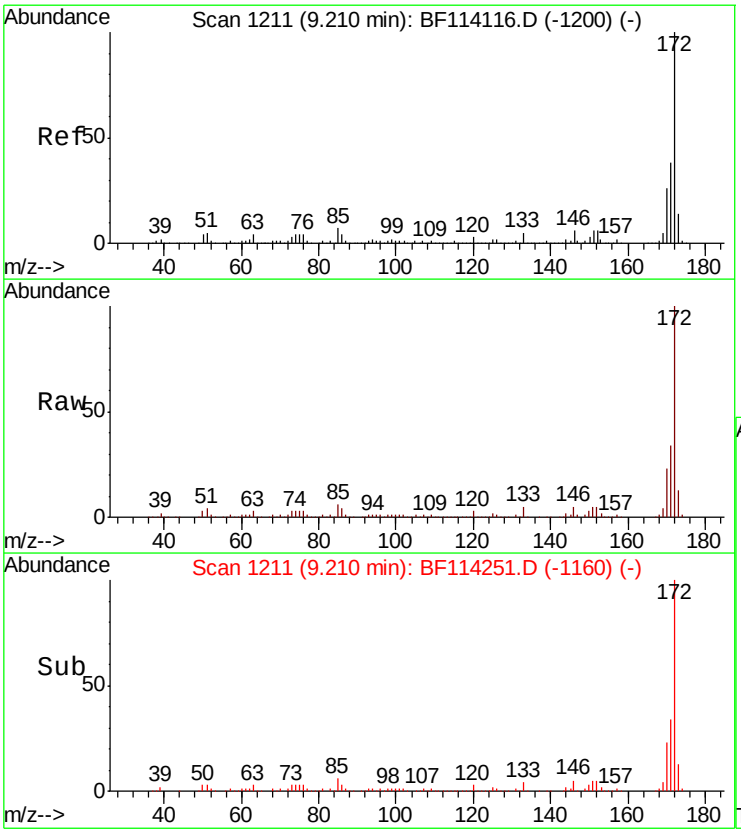
#42
2,4,6-Tribromophenol
Concen: 16.716 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion:330 Resp: 82241

Ion	Ratio	Lower	Upper
330	100		
332	105.4	81.4	122.2
141	40.4	26.6	40.0#

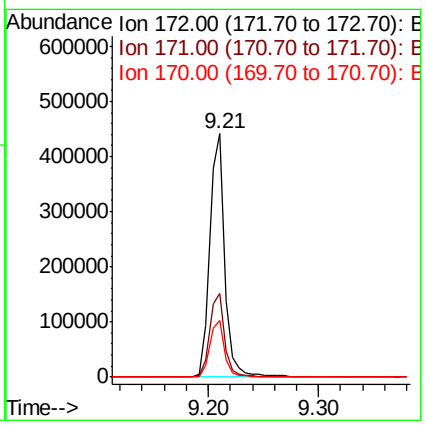


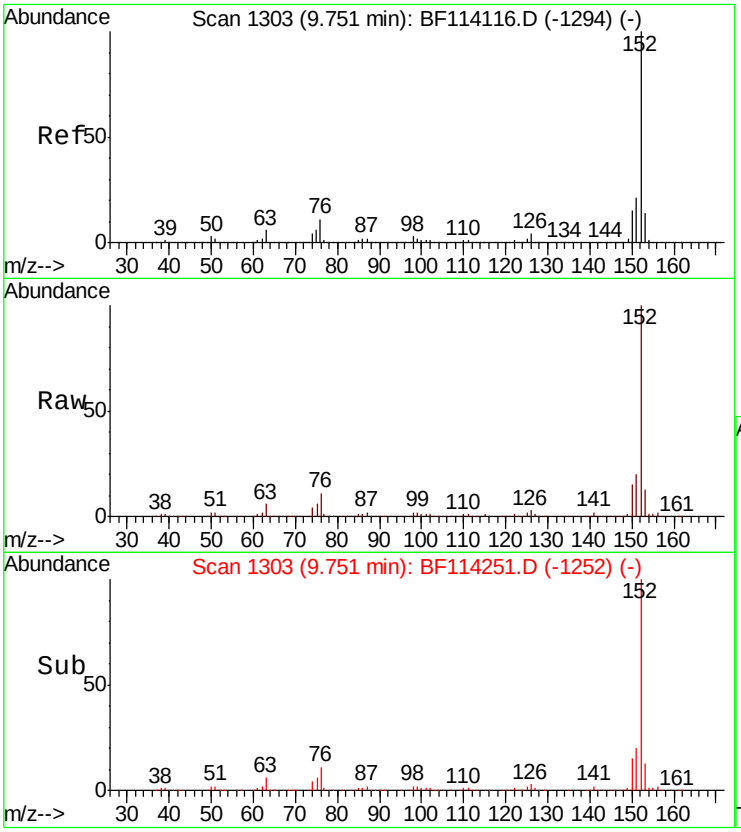


#45
2-Fluorobiphenyl
Concen: 12.884 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion:172 Resp: 405331

Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.7	46.1
170	23.2	20.5	30.7

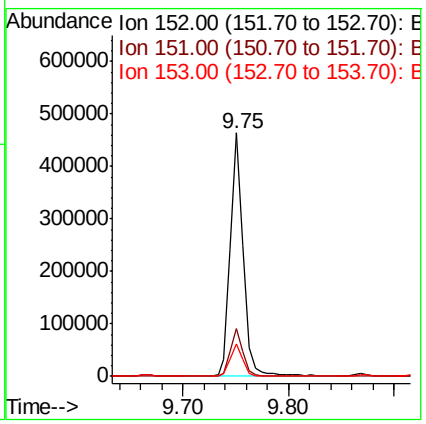




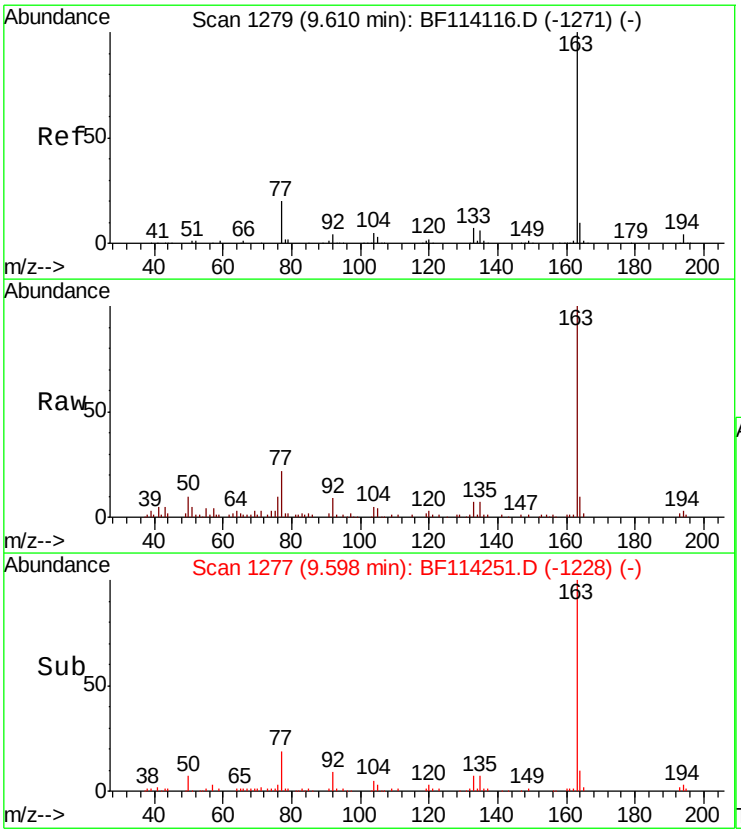
#49
Acenaphthylene
Concen: 8.175 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion:152 Resp: 384699

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	13.1	11.4	17.2



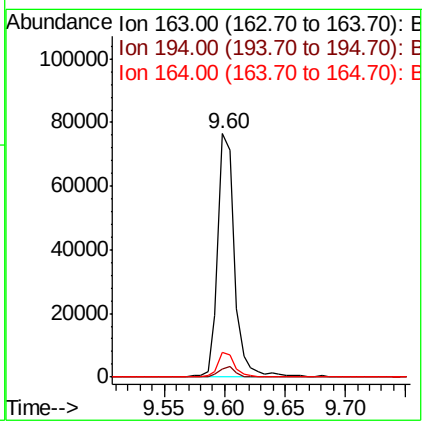
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

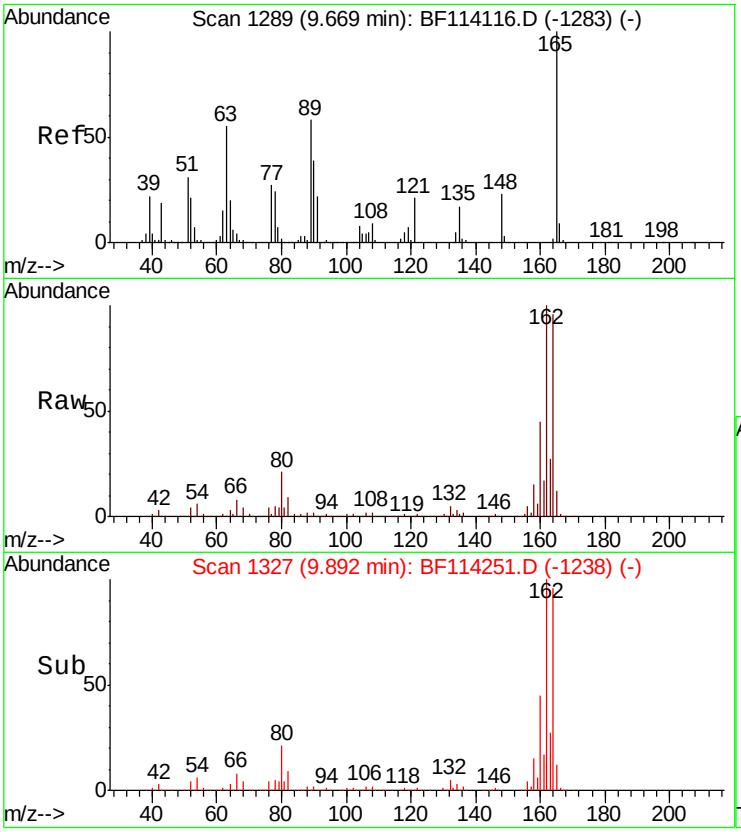


#50
Dimethylphthalate
Concen: 2.101 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion:163 Resp: 73382

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.0
164	10.1	8.2	12.2



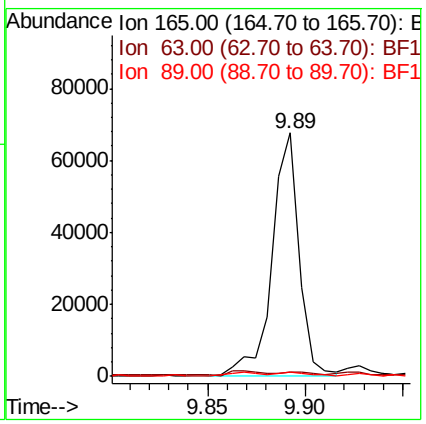


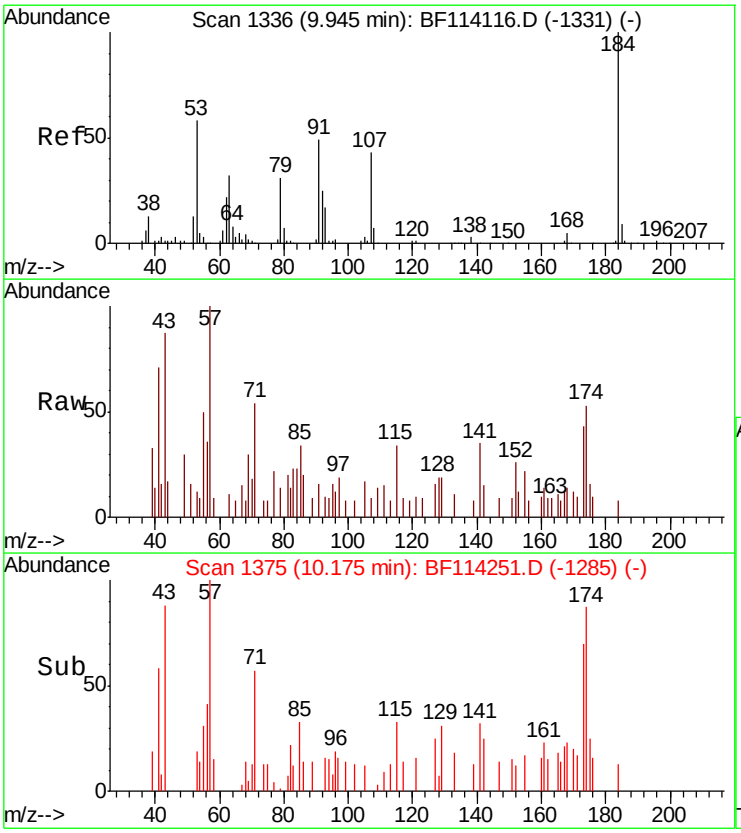
#51
2,6-Dinitrotoluene
Concen: 8.441 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.22 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion:165 Resp: 65408

Ion	Ratio	Lower	Upper
165	100		
63	1.7	50.2	75.4#
89	1.7	46.6	69.8#

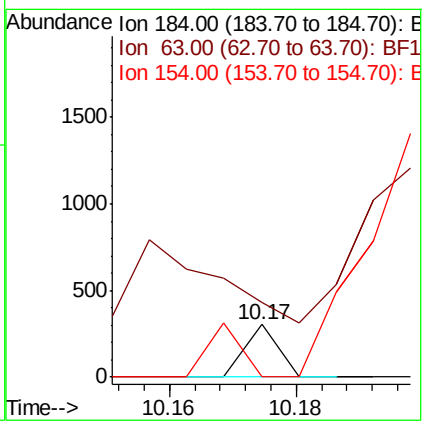


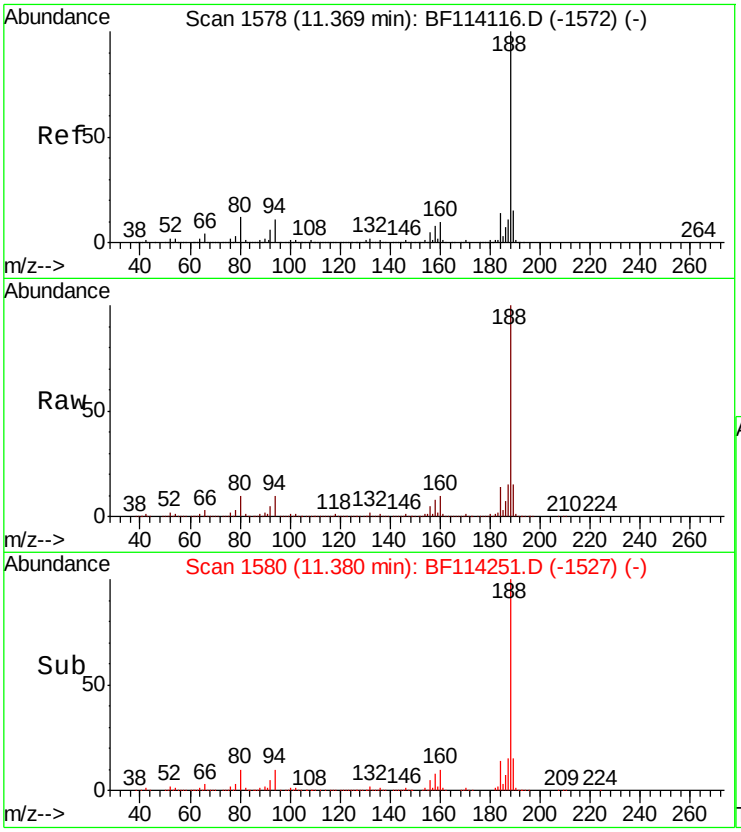


#54
2,4-Dinitrophenol
Concen: 6.770 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.23 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion:184 Resp: 107

Ion	Ratio	Lower	Upper
184	100		
63	143.7	55.6	83.4#
154	0.0	46.0	69.0#



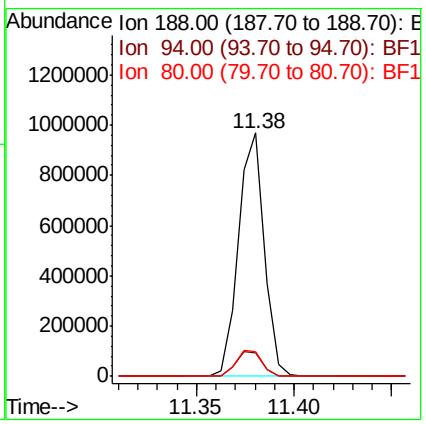


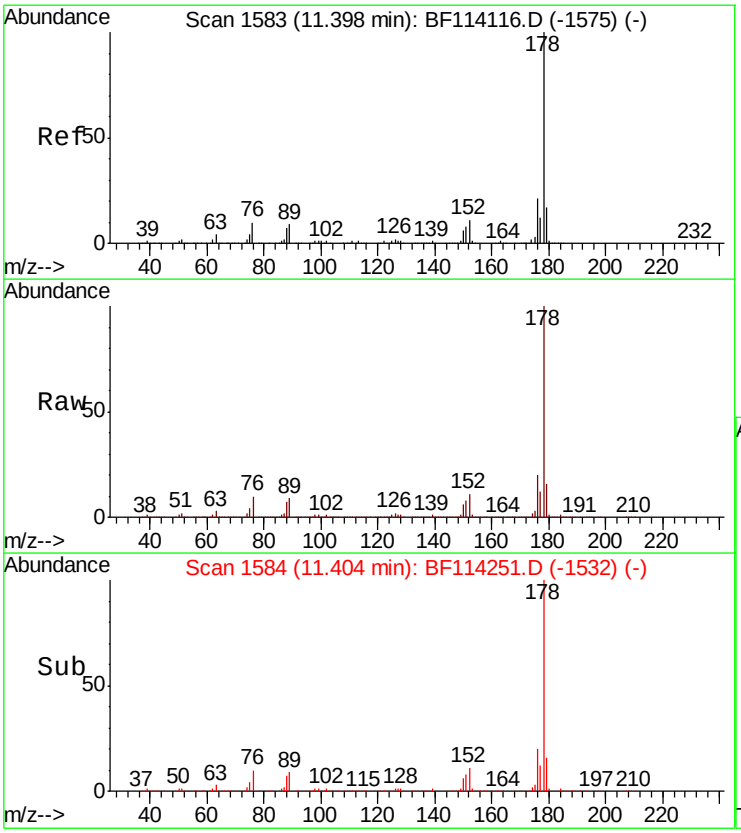
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion:188 Resp: 883757

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.4	12.6
80	9.9	9.2	13.8

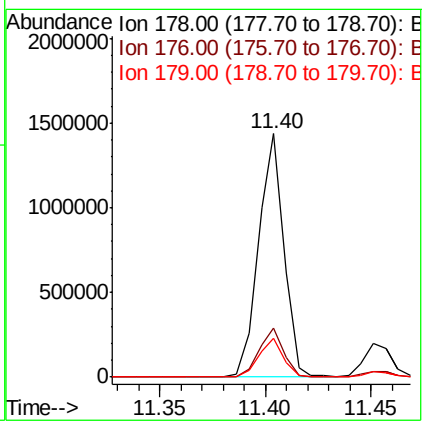


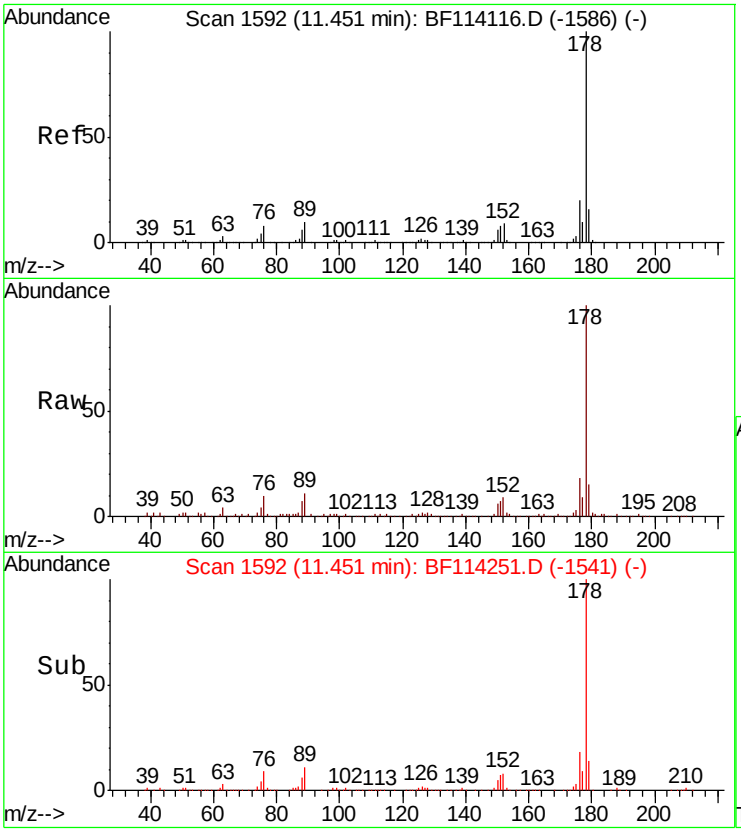


#71
Phenanthrene
Concen: 27.917 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion:178 Resp: 1200314

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.4	24.6
179	15.7	13.2	19.8



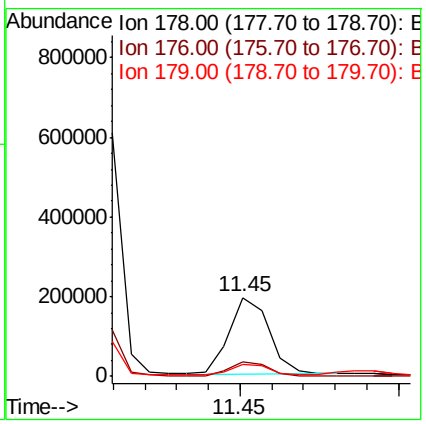


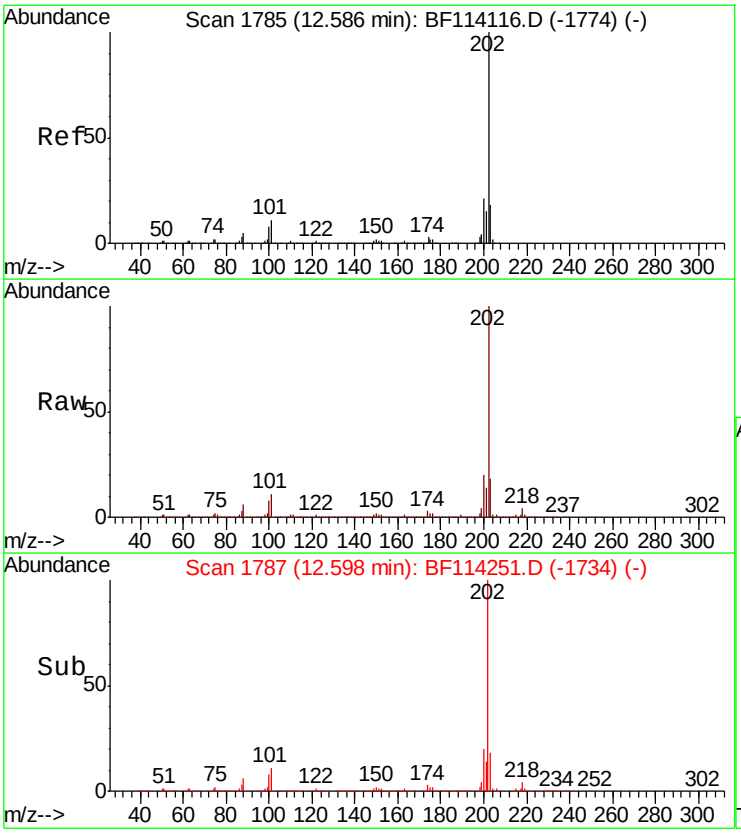
#72
Anthracene
Concen: 3.938 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion:178 Resp: 170054

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	14.6	13.0	19.4

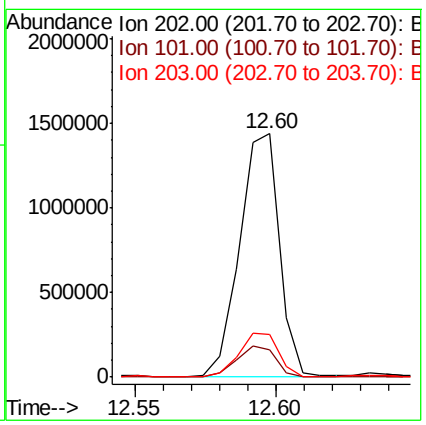


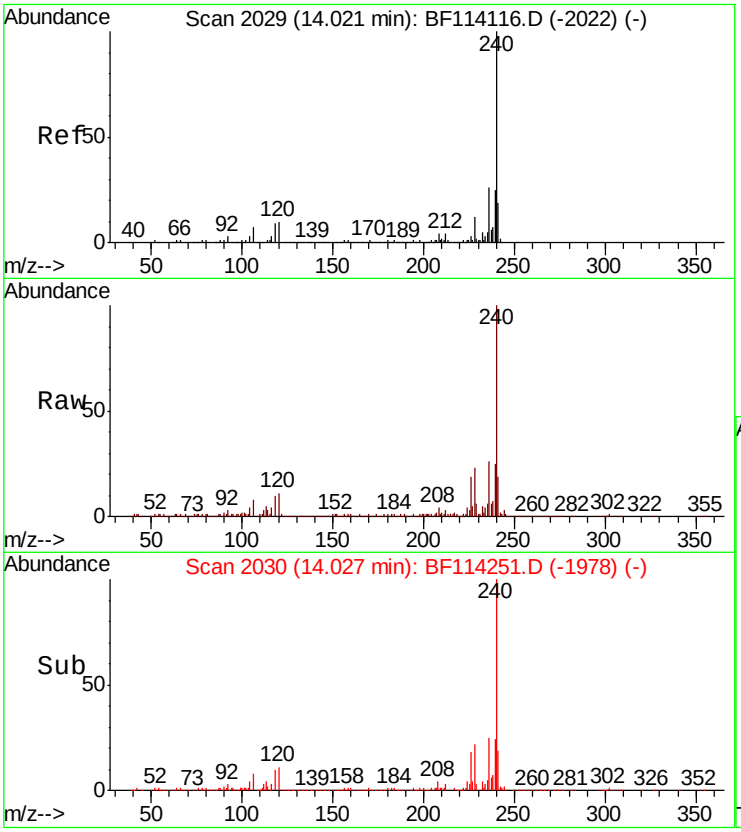


#75
Fluoranthene
Concen: 30.242 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion:202 Resp: 1400225

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.0
203	17.8	0.0	38.4



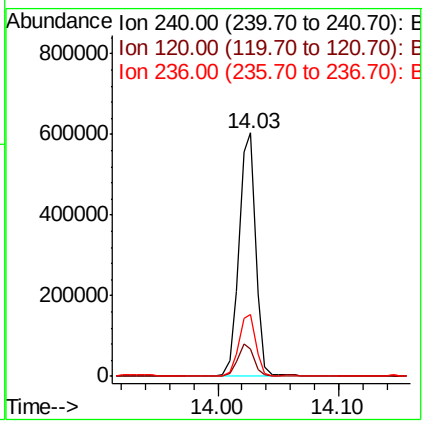


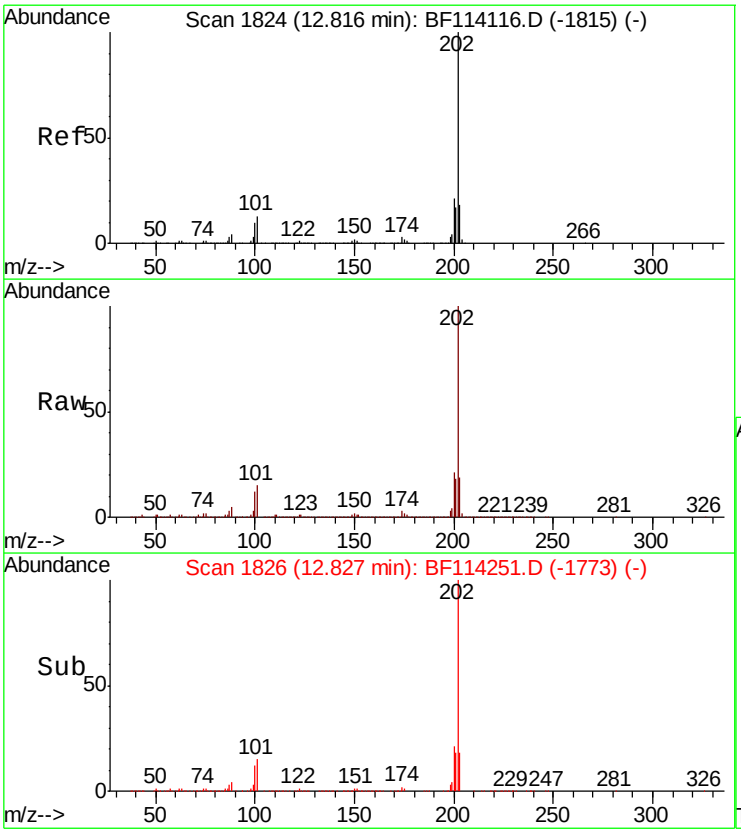
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion:240 Resp: 582578

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	25.5	20.8	31.2

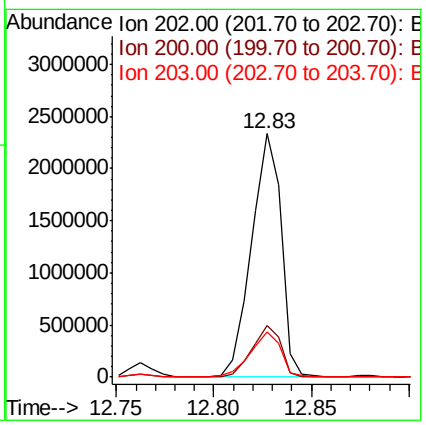


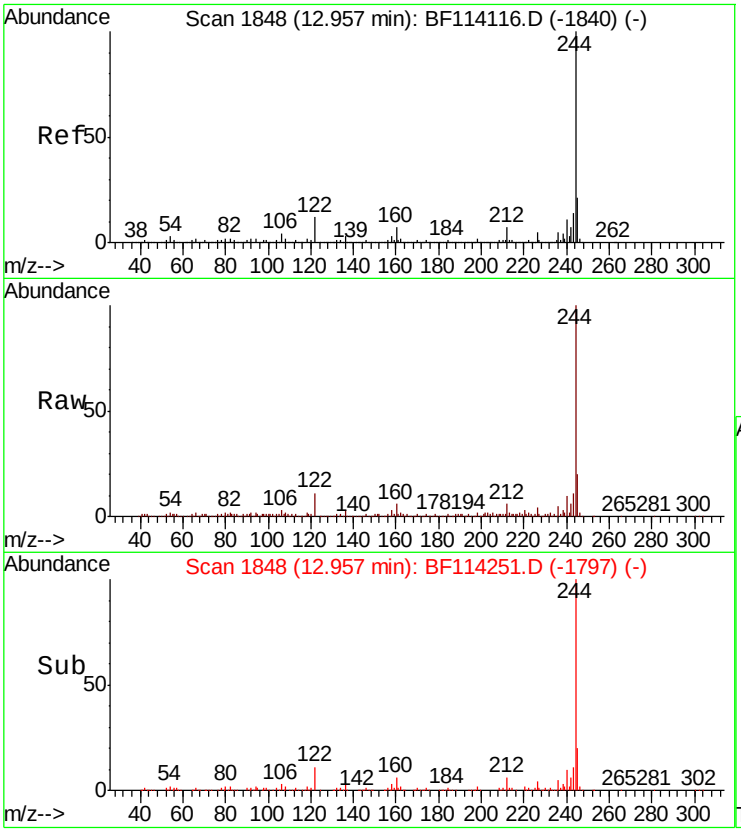


#78
Pyrene
Concen: 52.132 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion:202 Resp: 2443194

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.7	14.5	21.7



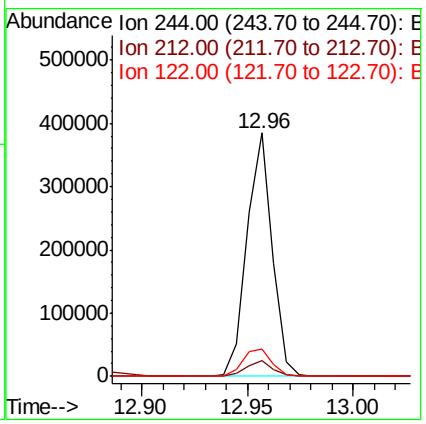


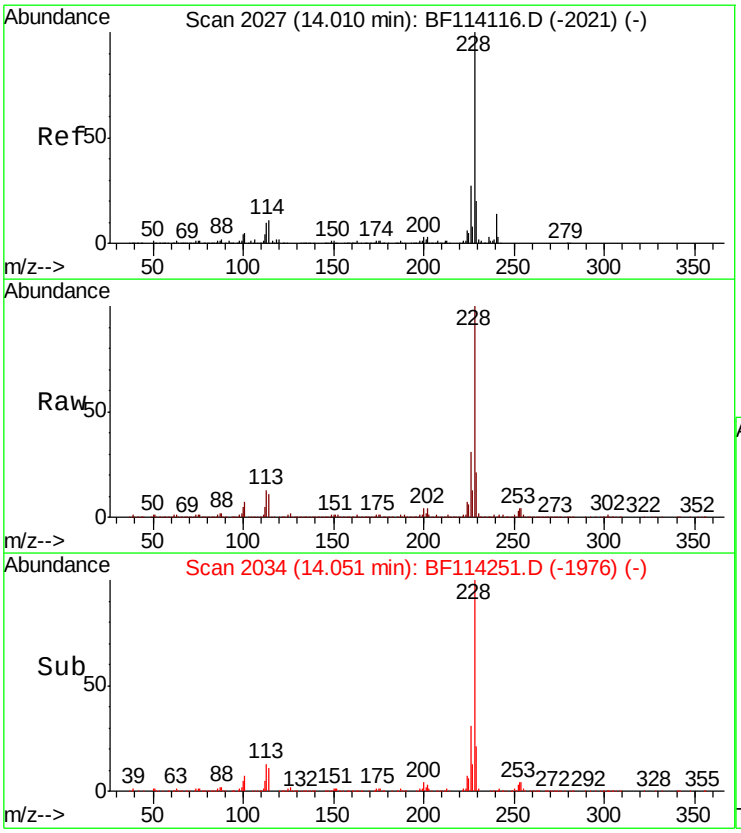
#79
Terphenyl-d14
Concen: 11.287 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion:244 Resp: 318973

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.6
122	11.2	9.4	14.2

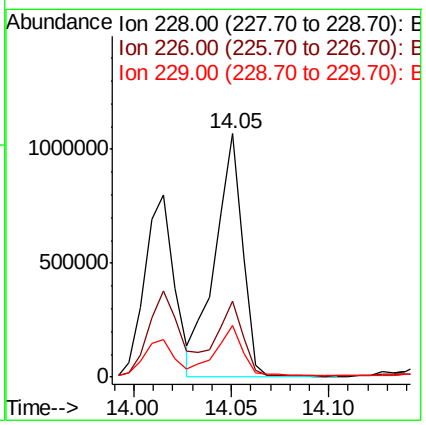


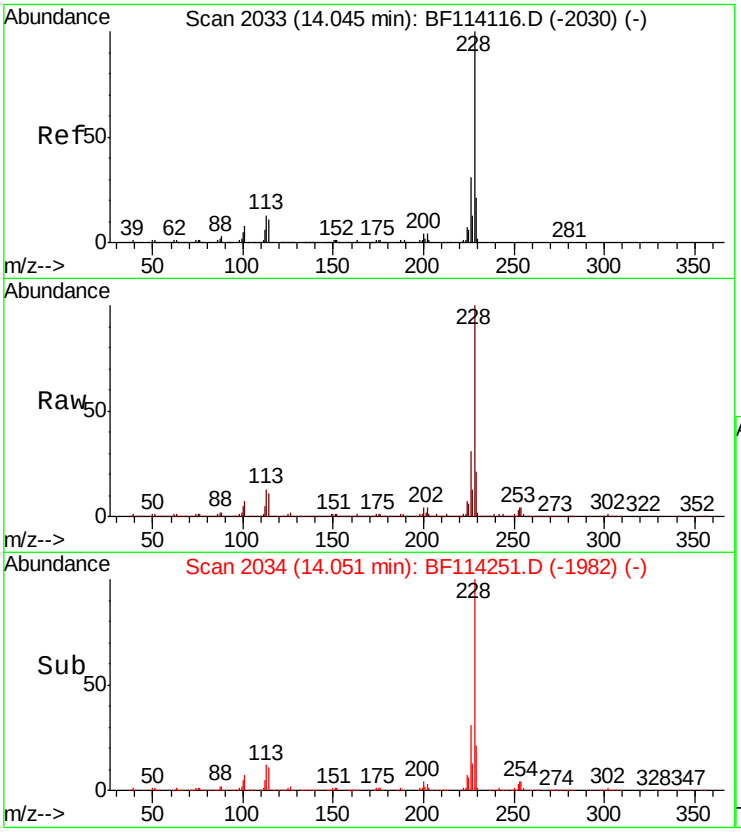


#81
Benzo(a)anthracene
Concen: 27.676 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.04 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion:228 Resp: 1042867

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.2	33.2
229	21.0	16.4	24.6



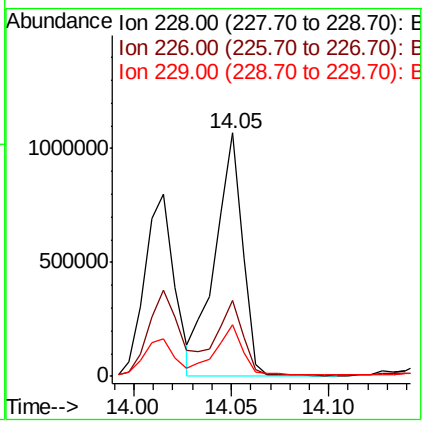


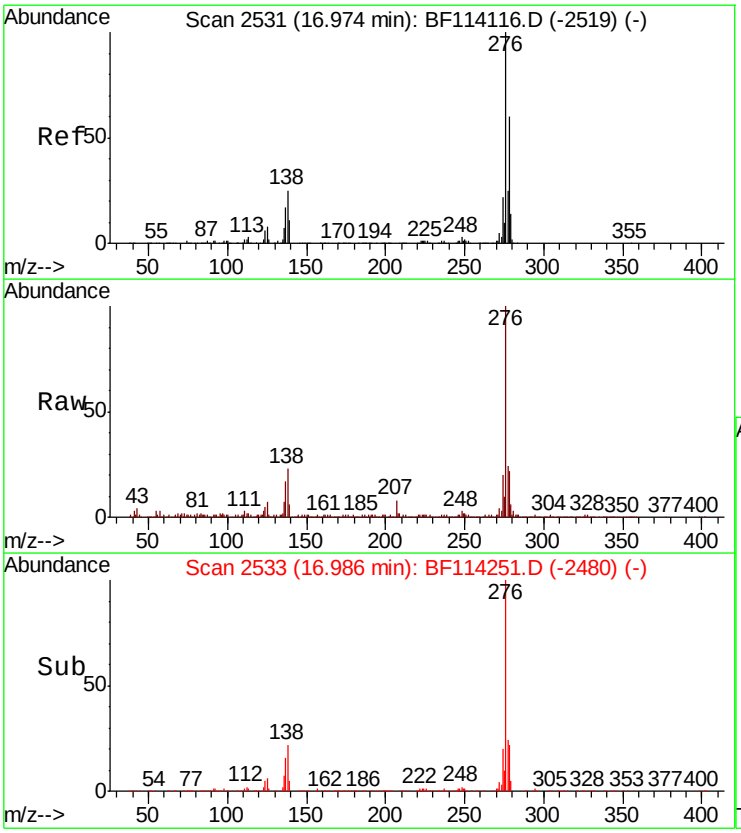
#83
Chrysene
Concen: 28.233 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion:228 Resp: 1042867

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	21.0	17.0	25.6

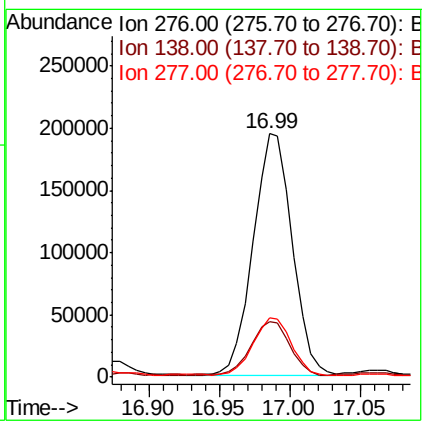


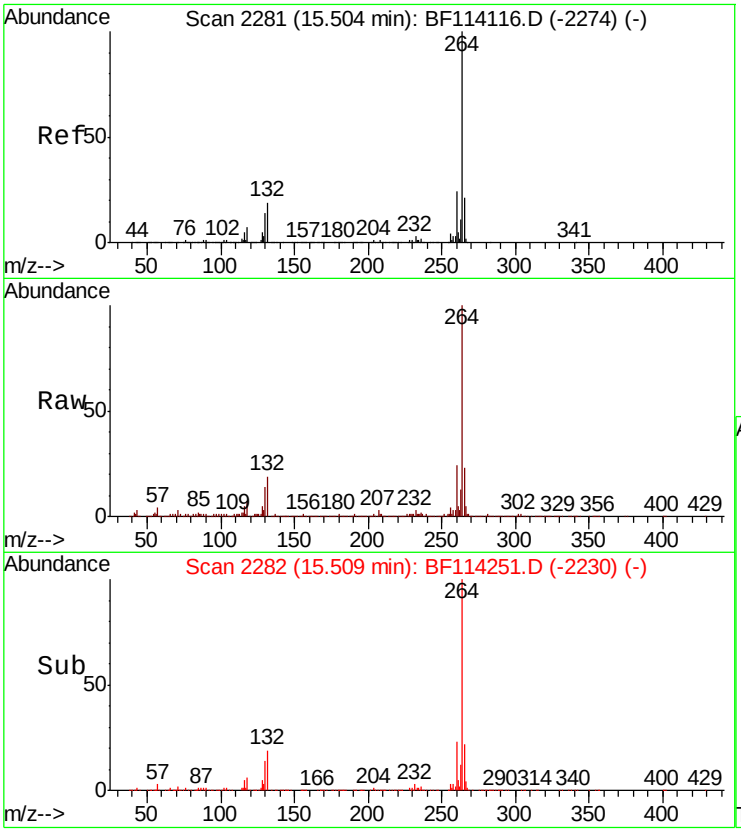


#86
Indeno(1,2,3-cd)pyrene
Concen: 11.530 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion:276 Resp: 376384

Ion	Ratio	Lower	Upper
276	100		
138	22.1	20.2	30.2
277	23.3	20.0	30.0



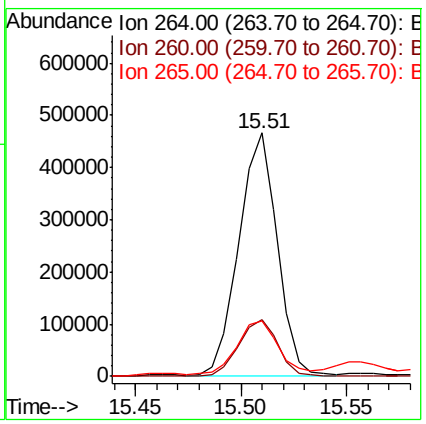


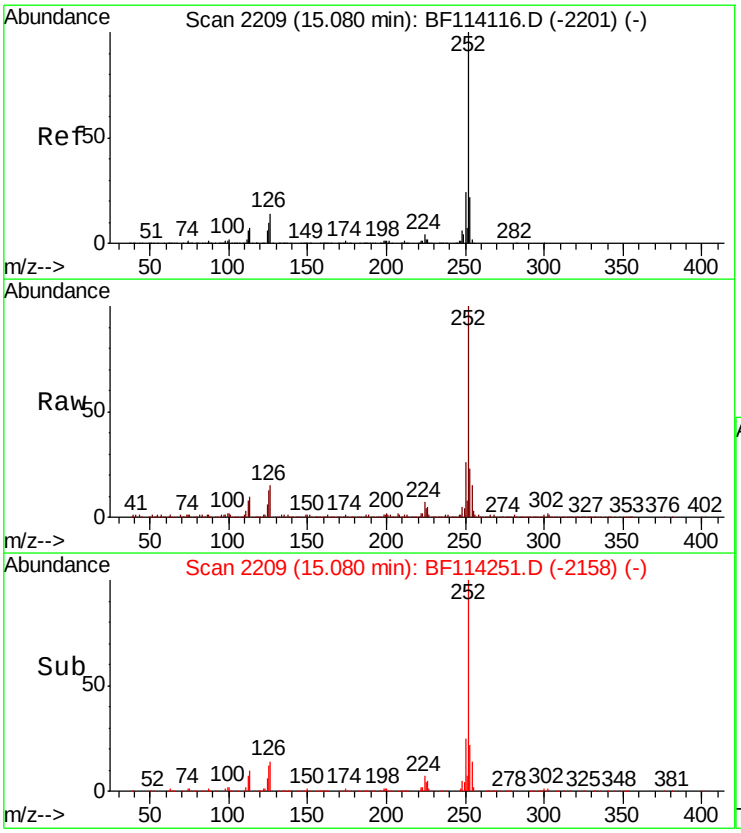
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion:264 Resp: 585409

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.8	16.9	25.3

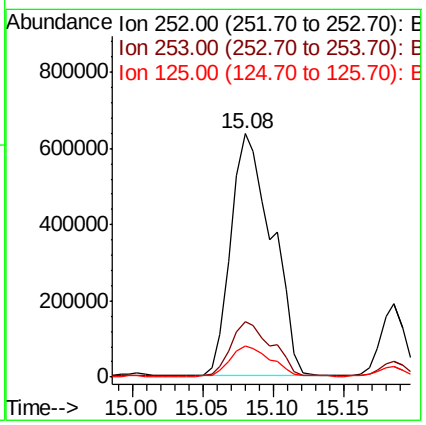


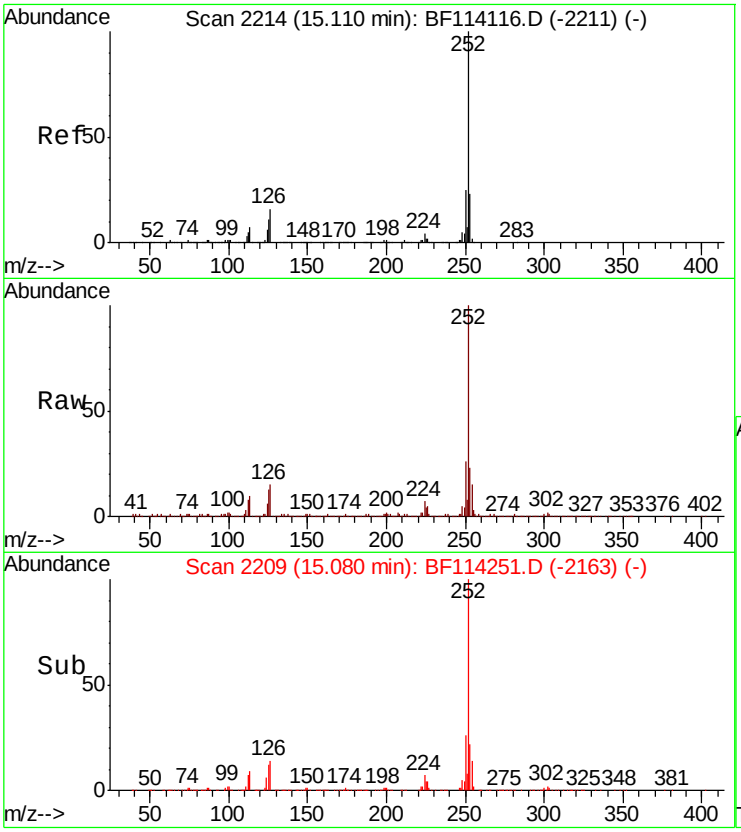


#88
Benzo(b)fluoranthene
Concen: 34.593 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion:252 Resp: 1297394

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	12.8	8.3	12.5#



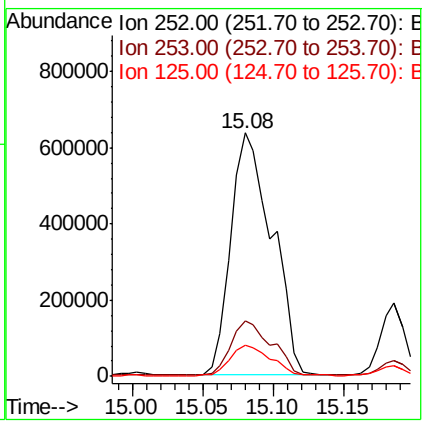


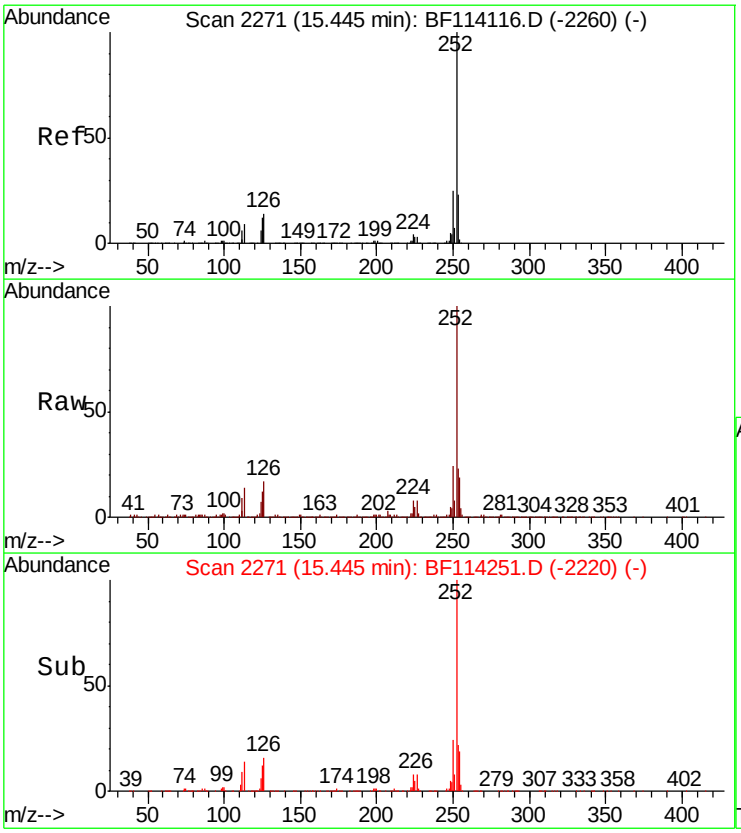
#89
Benzo(k)fluoranthene
Concen: 37.658 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.03 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion:252 Resp: 1297394

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	12.8	8.6	13.0

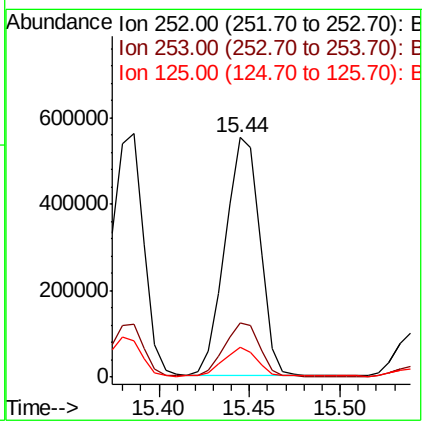


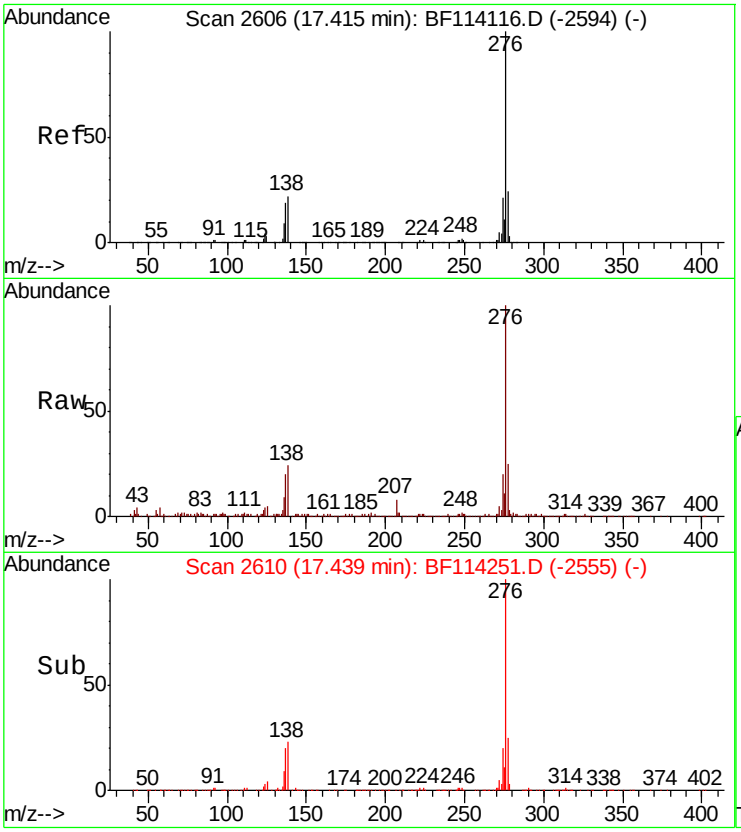


#90
Benzo(a)pyrene
Concen: 22.428 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Tgt Ion:252 Resp: 740291

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.5	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 15.478 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.02 min
Lab File: BF114251.D
Acq: 14 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-02DL

Tgt Ion:276 Resp: 425437

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.0	28.4
138	23.6	17.8	26.6