Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114184.D
Acq On : 12 May 2019 5:15
Operator : JU/SJ
Sample : K2765-18 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS006-0002-01

Quant Time: May 13 07:01:42 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	6.85	152	273520	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1069435	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	507856	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	994306	20.00	ng		0.00
76) Chrysene-d12	14.02	240	709396	20.00	ng		0.00
87) Perylene-d12	15.48	264	731418	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	469250	27.61	ng		0.00
7) Phenol-d6	6.48	99	634443	31.56	ng		-0.01
23) Nitrobenzene-d5	7.40	82	386007	20.26	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	137222	26.14	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	555698	16.55	ng		0.00
79) Terphenyl-d14	12.95	244	513286	14.92	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	49613	3.894	ng	#	77
25) Isophorone	7.40	82	382877	10.834	ng	#	64
31) Naphthalene	8.15	128	172996	3.463	ng		96
32) Benzoic acid	7.95	122	549	7.065	ng	#	26
37) 2-Methylnaphthalene	8.85	142	70860	2.199	ng		94
49) Acenaphthylene	9.75	152	369366	7.355	ng		98
50) Dimethylphthalate	9.60	163	118367	3.175	ng		99
51) 2,6-Dinitrotoluene	9.89	165	69192	8.368	ng	#	22
71) Phenanthrene	11.39	178	1220599	25.232	ng		98
72) Anthracene	11.44	178	210436	4.331	ng		97
75) Fluoranthene	12.59	202	1964374	37.709	ng		98
78) Pyrene	12.82	202	3373638	59.117	ng		98
81) Benzo(a)anthracene	14.04	228	1484546	32.355	ng		97
82) 3,3'-Dichlorobenzidine	14.04	252	43100	2.421	ng	#	1
83) Chrysene	14.04	228	1484546	33.006	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	594497	14.955	ng		96
88) Benzo(b)fluoranthene	15.06	252	1858344	39.658	ng	#	97
89) Benzo(k)fluoranthene	15.06	252	1858344	43.173	ng		98
90) Benzo(a)pyrene	15.42	252	1006530	24.407	ng		99
92) Benzo(g,h,i)perylene	17.39	276	662872	19.302	ng		98

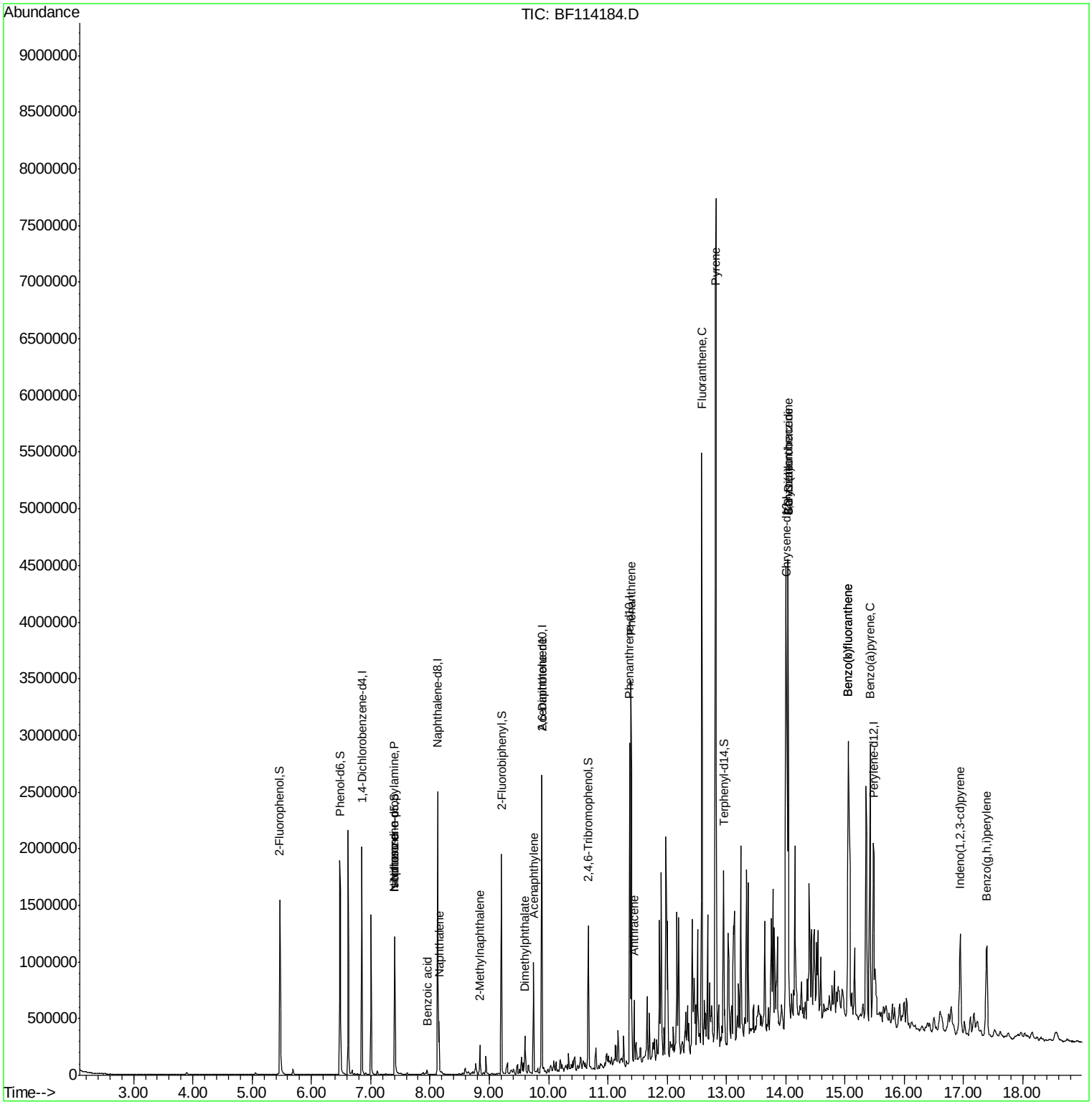
(#) = qualifier out of range (m) = manual integration (+) = signals summed

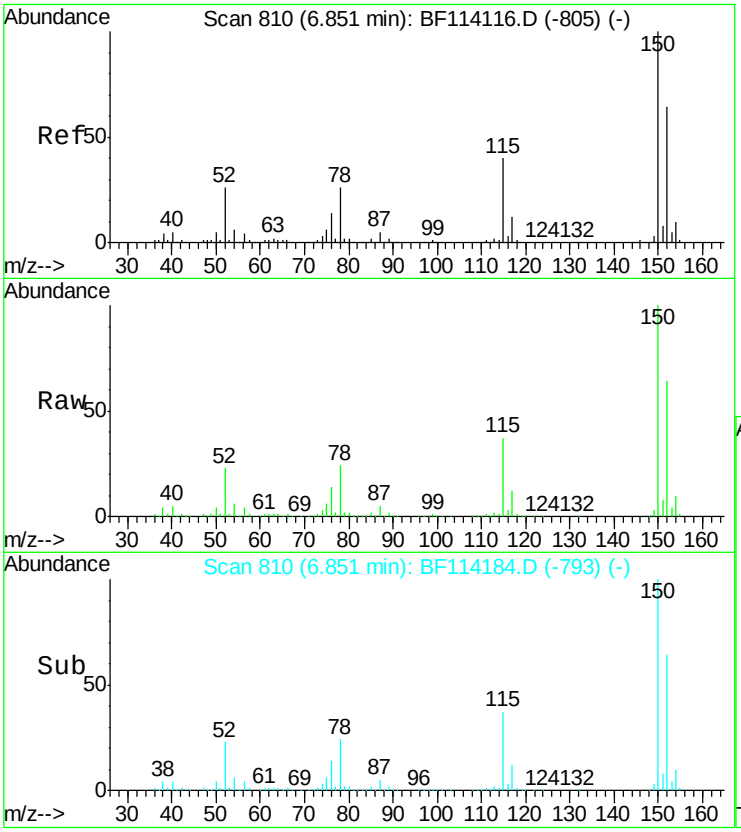
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114184.D
Acq On : 12 May 2019 5:15
Operator : JU/SJ
Sample : K2765-18 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Quant Time: May 13 07:01:42 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



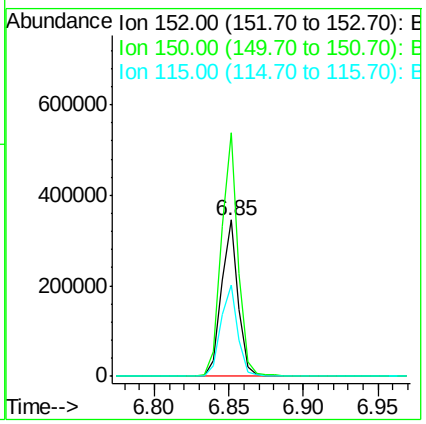


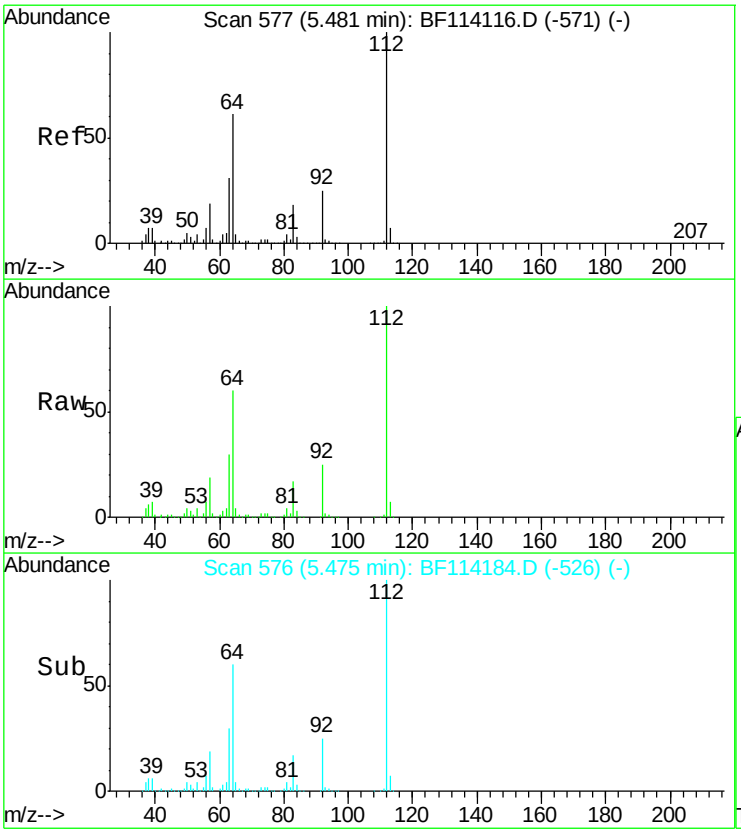
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:152 Resp: 273520

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.3	186.5
115	58.3	49.1	73.7

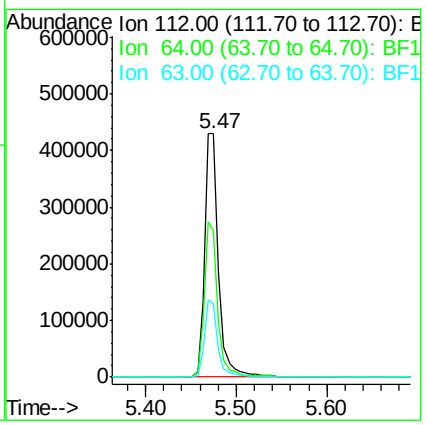


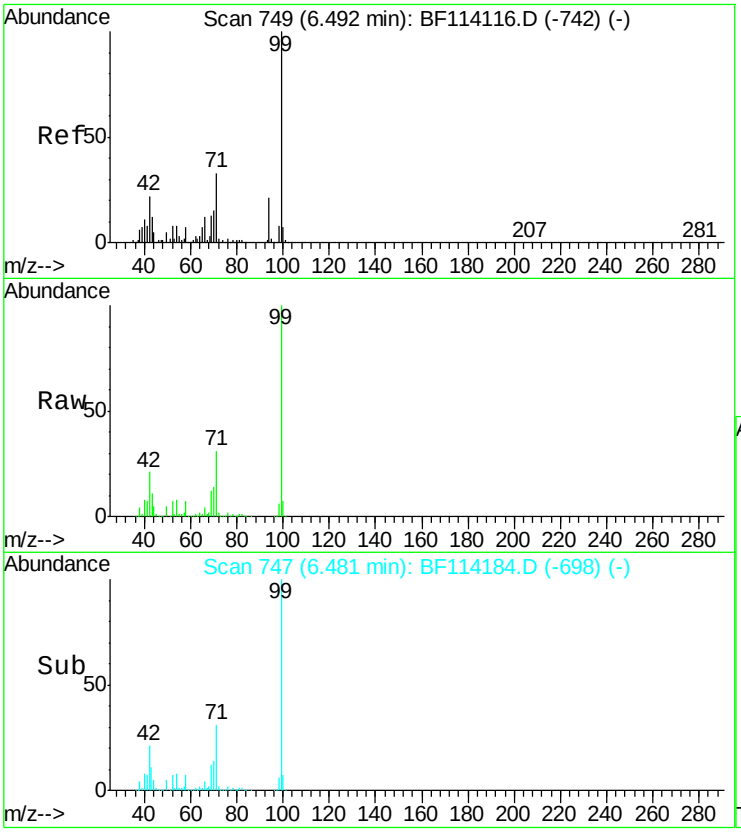


#5
2-Fluorophenol
Concen: 27.608 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion:112 Resp: 469250

Ion	Ratio	Lower	Upper
112	100		
64	60.1	49.0	73.6
63	30.0	24.6	37.0



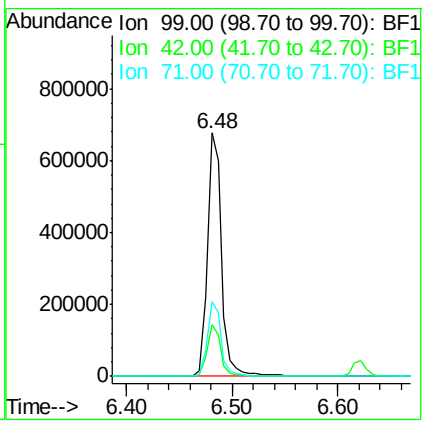


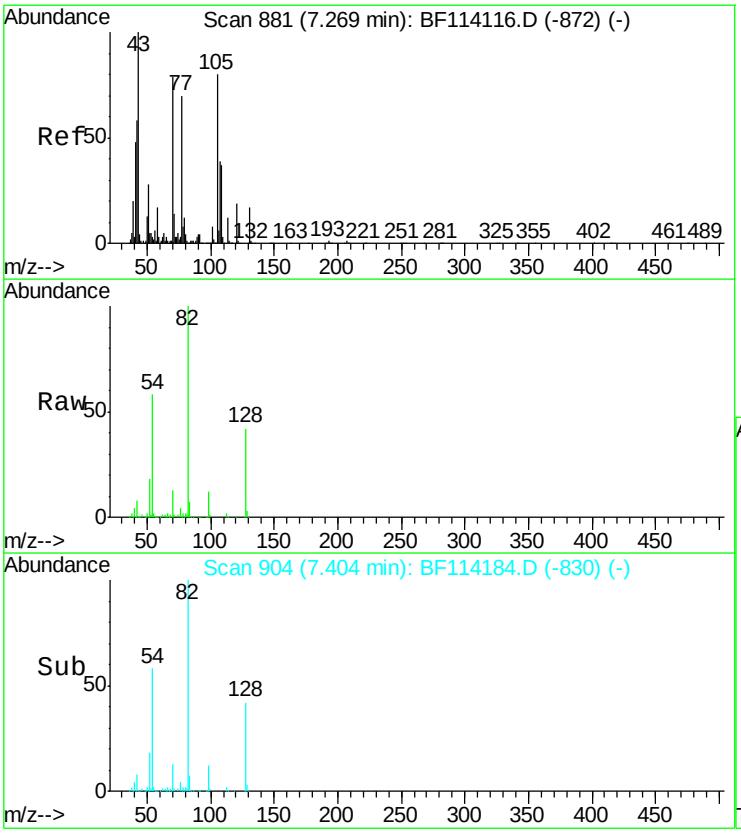
#7
Phenol-d6
Concen: 31.561 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion: 99 Resp: 634443

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.9	26.9
71	30.7	26.2	39.2

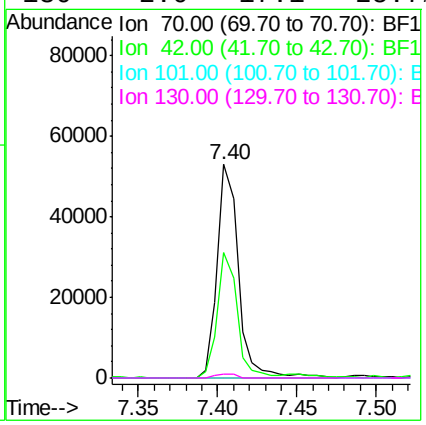


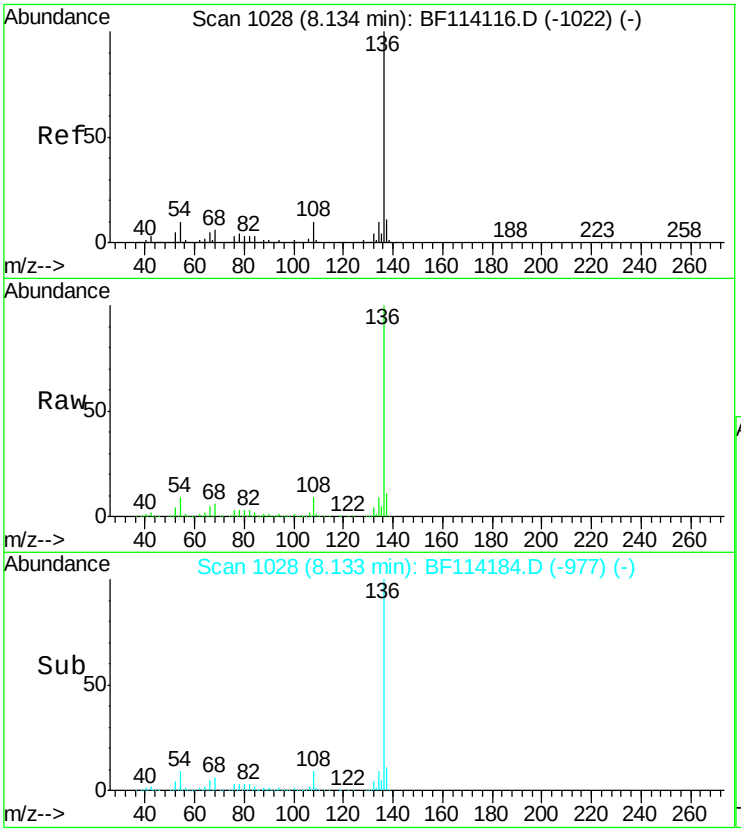


#19
n-Nitroso-di-n-propylamine
Concen: 3.894 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion: 70 Resp: 49613

Ion	Ratio	Lower	Upper
70	100		
42	58.6	58.6	87.8
101	0.0	7.8	11.8#
130	2.0	17.1	25.7#



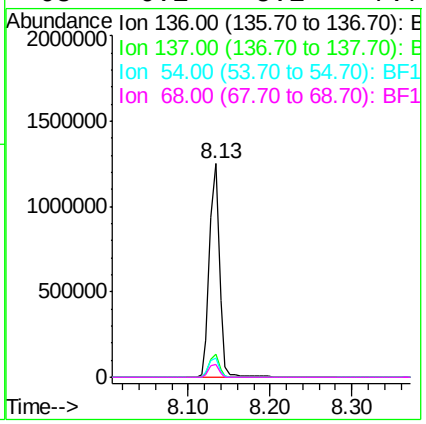


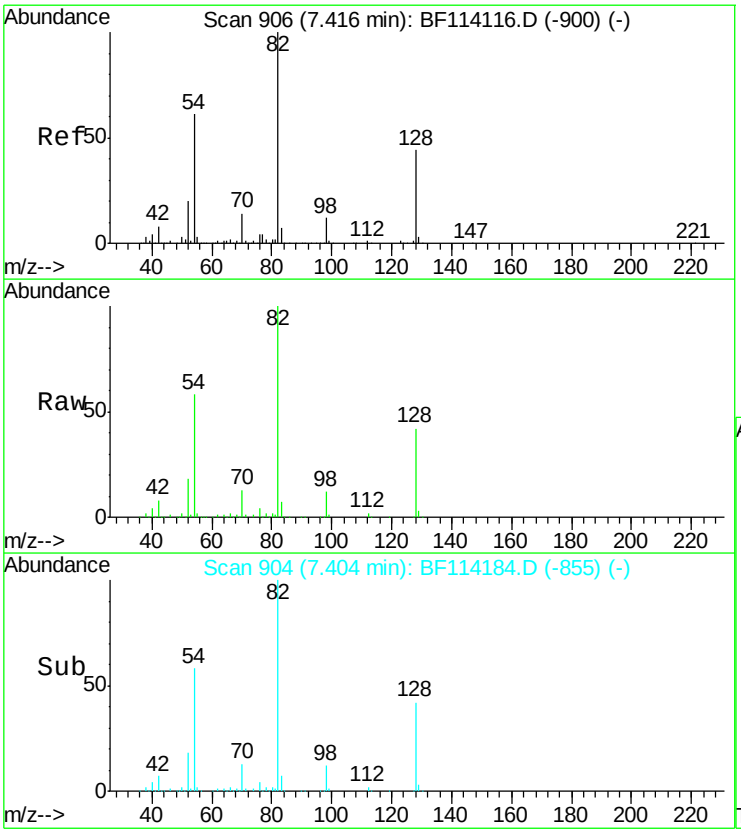
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:136 Resp: 1069435

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.9	7.8	11.8
68	6.1	5.1	7.7

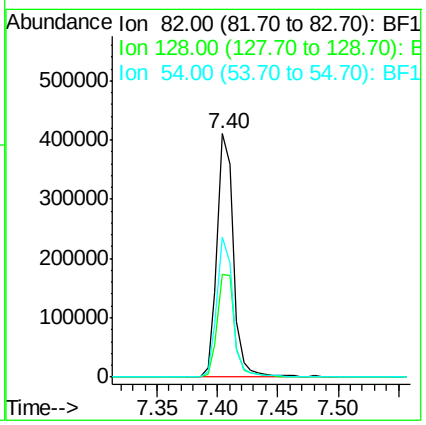


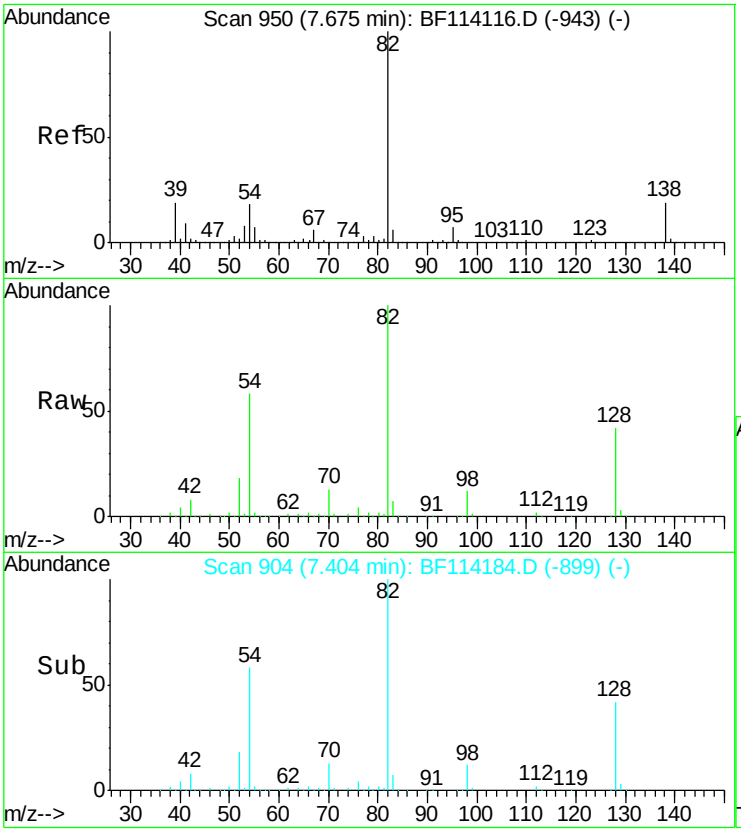


#23
Nitrobenzene-d5
Concen: 20.256 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion: 82 Resp: 386007

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.5	53.3
54	57.5	48.5	72.7



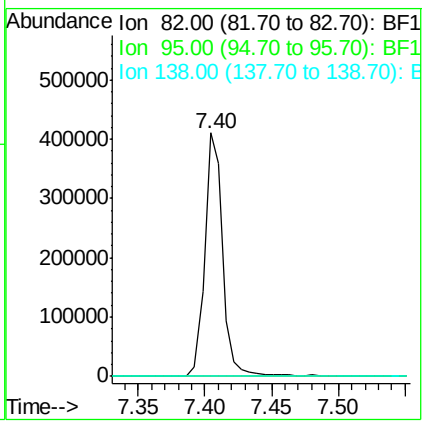


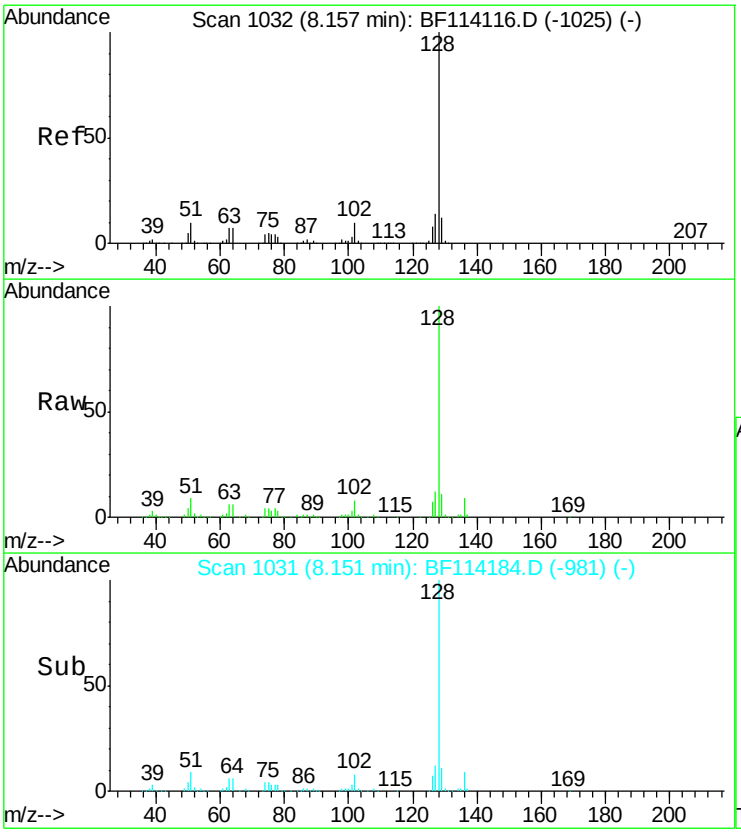
#25
Isophorone
Concen: 10.834 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion: 82 Resp: 382877

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

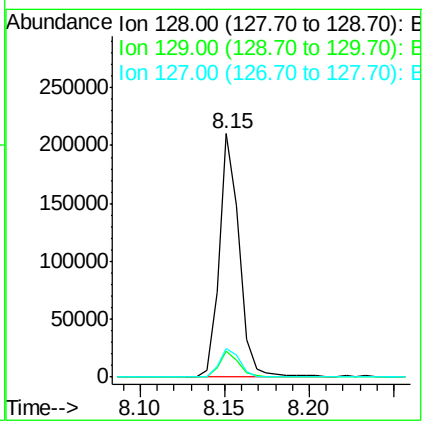


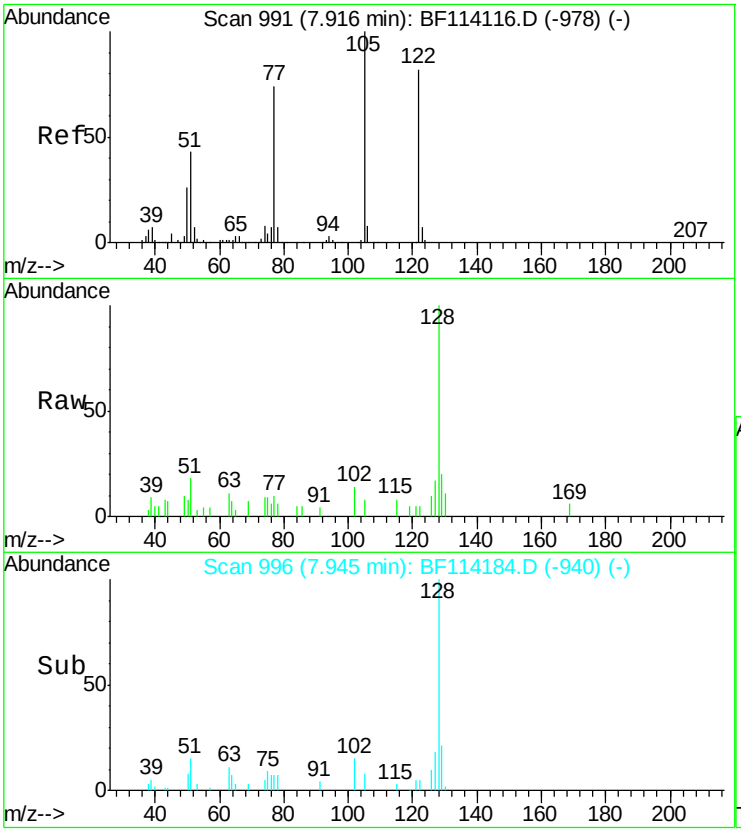


#31
Naphthalene
Concen: 3.463 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion:128 Resp: 172996

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.6	14.4
127	12.0	11.3	16.9



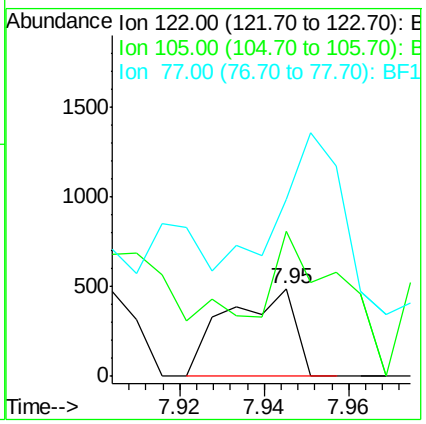


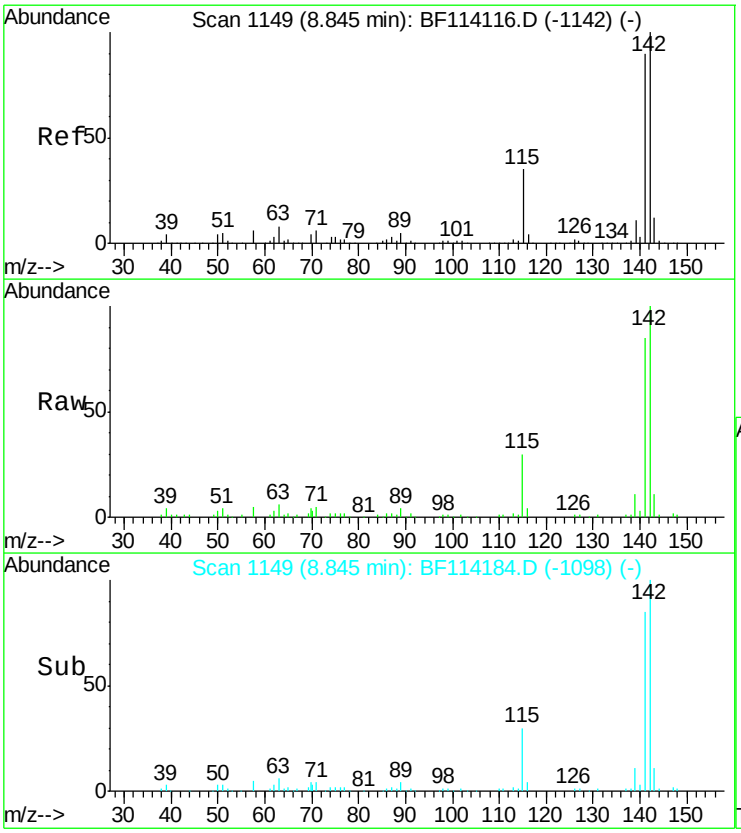
#32
Benzoic acid
Concen: 7.065 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.03 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:122 Resp: 549

Ion	Ratio	Lower	Upper
122	100		
105	164.1	99.9	139.9#
77	201.6	69.4	109.4#

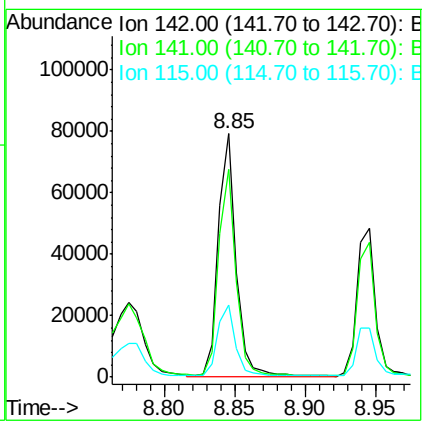


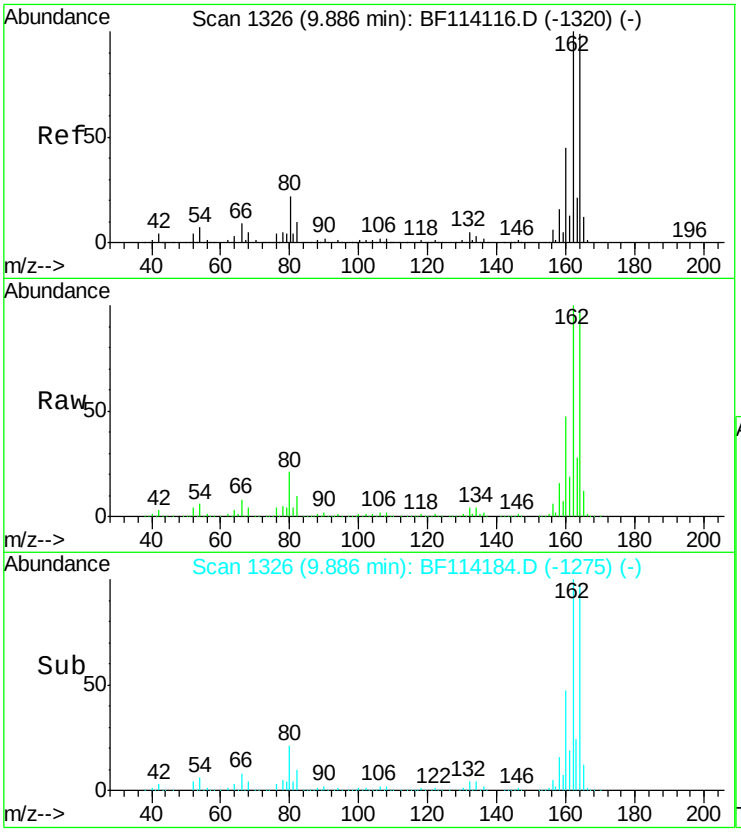


#37
2-Methylnaphthalene
Concen: 2.199 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion:142 Resp: 70860

Ion	Ratio	Lower	Upper
142	100		
141	85.3	72.1	108.1
115	29.8	28.0	42.0



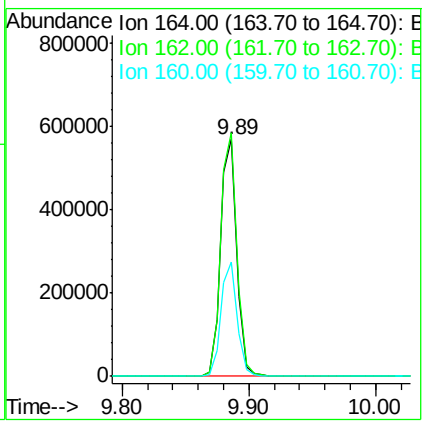


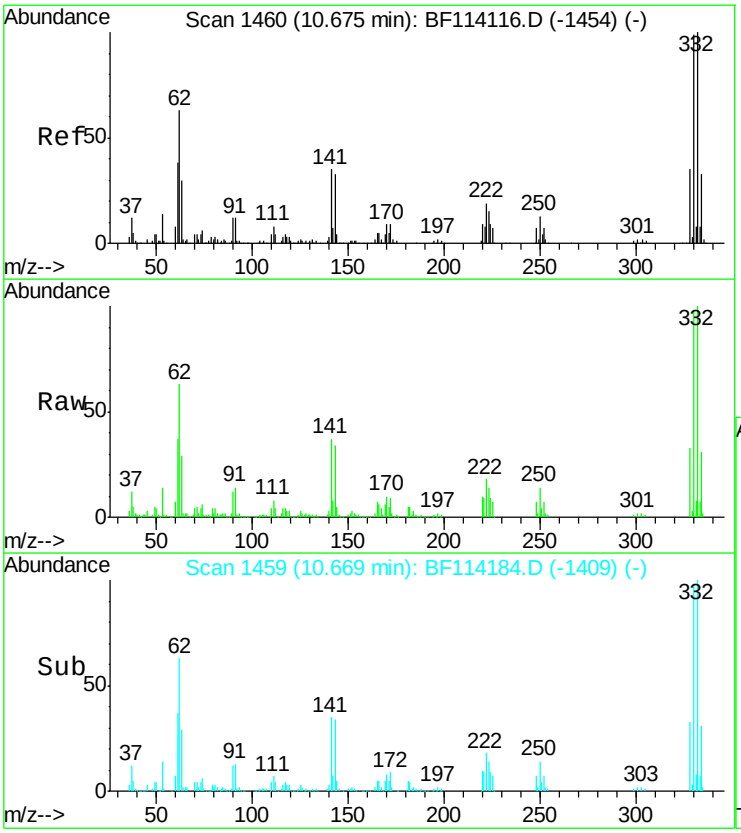
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:164 Resp: 507856

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	120.8
160	48.1	36.5	54.7

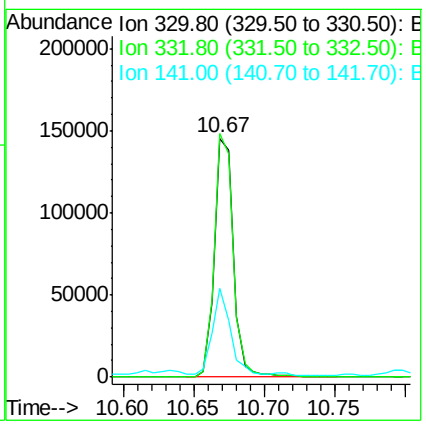


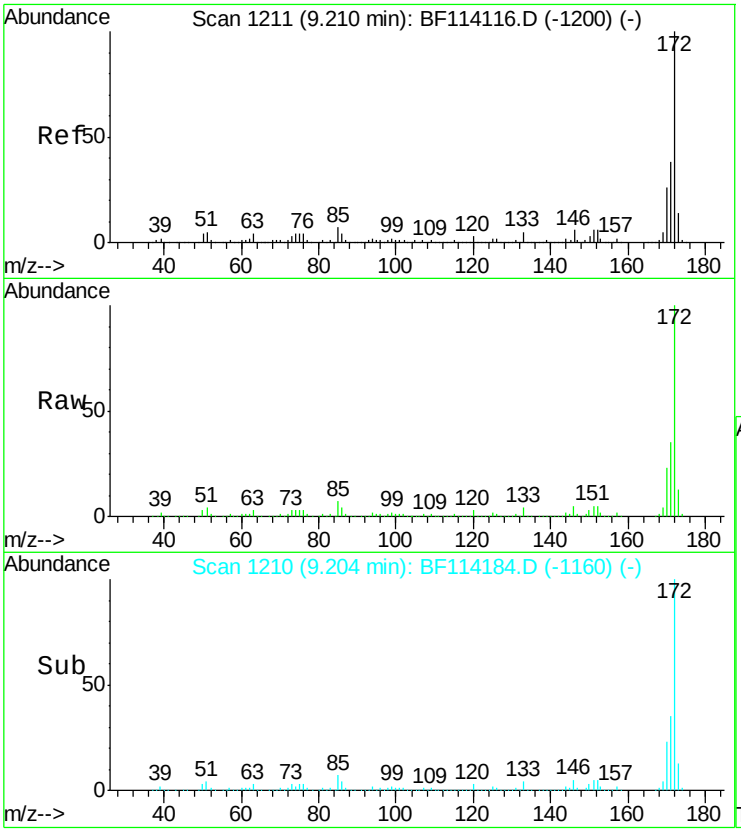


#42
2,4,6-Tribromophenol
Concen: 26.136 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion:330 Resp: 137222

Ion	Ratio	Lower	Upper
330	100		
332	100.4	81.4	122.2
141	35.3	26.6	40.0



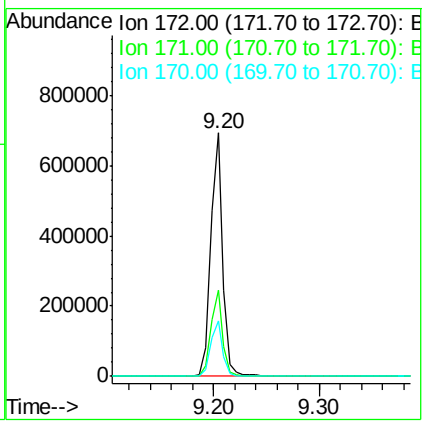


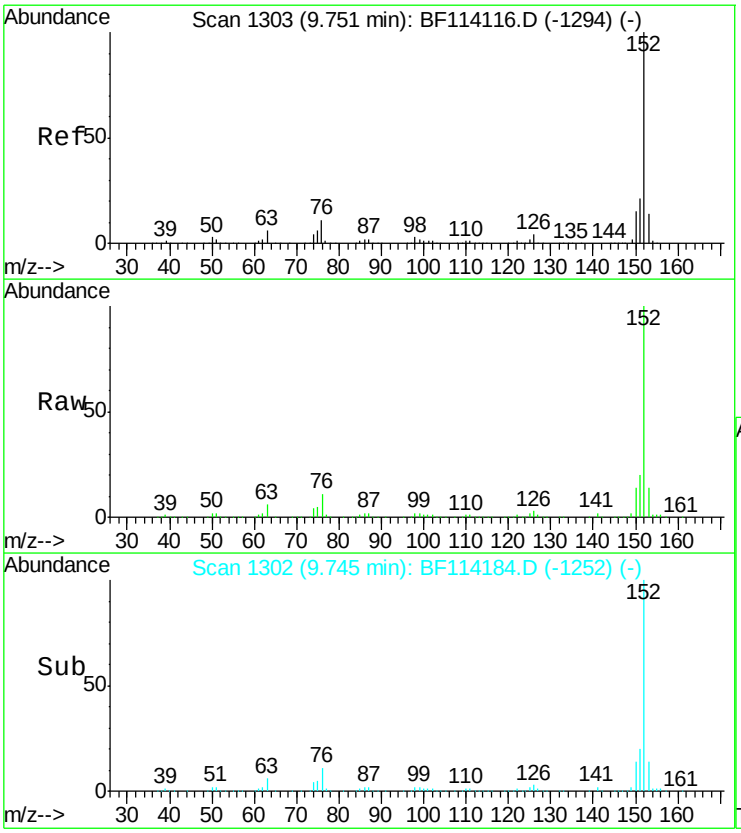
#45
2-Fluorobiphenyl
Concen: 16.552 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:172 Resp: 555698

Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.7	46.1
170	22.8	20.5	30.7

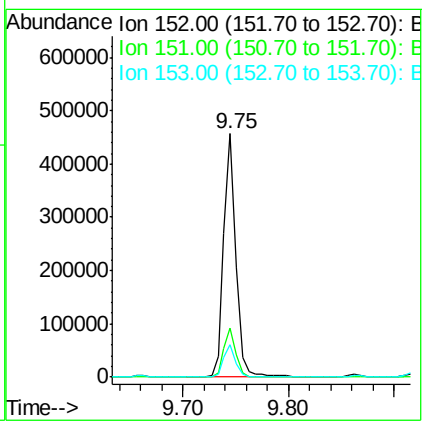


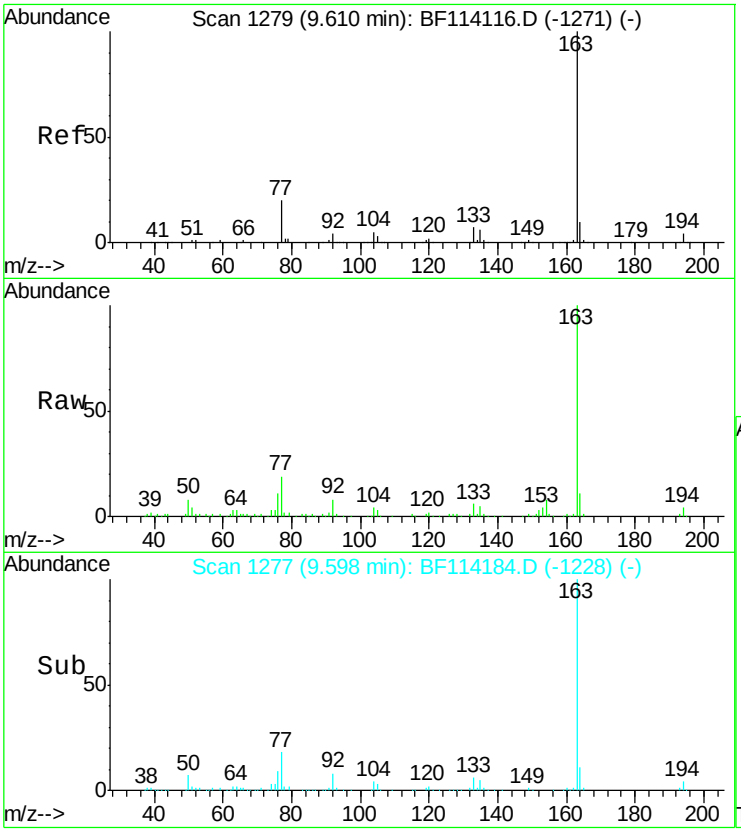


#49
Acenaphthylene
Concen: 7.355 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion:152 Resp: 369366

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.5	11.4	17.2



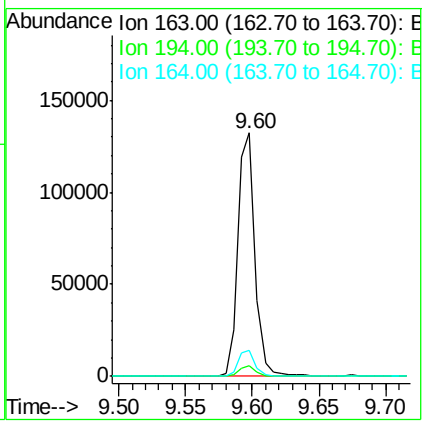


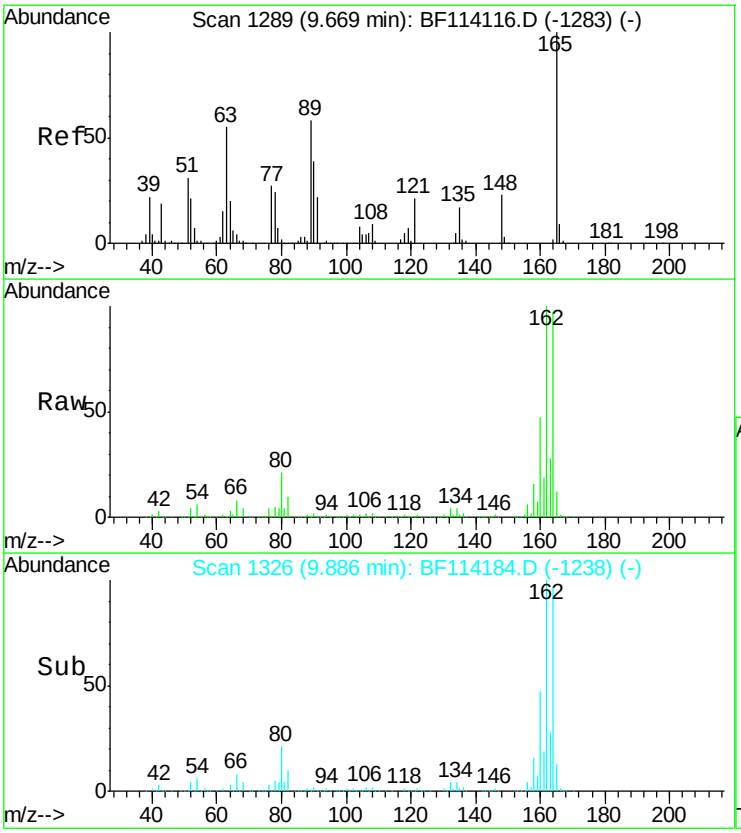
#50
Dimethylphthalate
Concen: 3.175 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:163 Resp: 118367

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.6	8.2	12.2

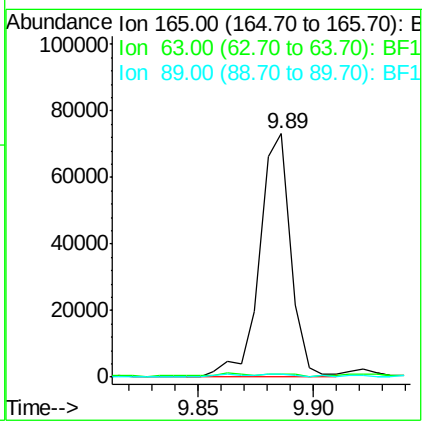


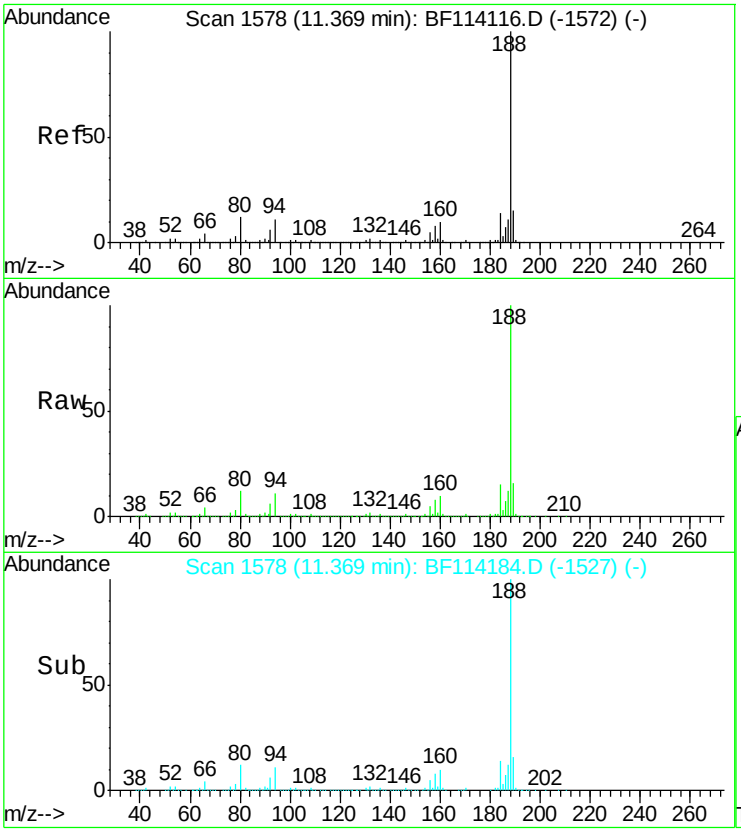


#51
2,6-Dinitrotoluene
Concen: 8.368 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.22 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion:165 Resp: 69192

Ion	Ratio	Lower	Upper
165	100		
63	1.4	50.2	75.4#
89	1.1	46.6	69.8#



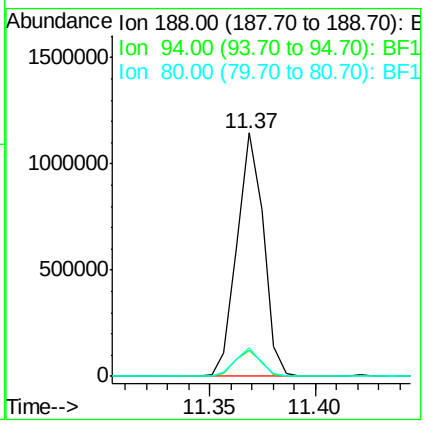


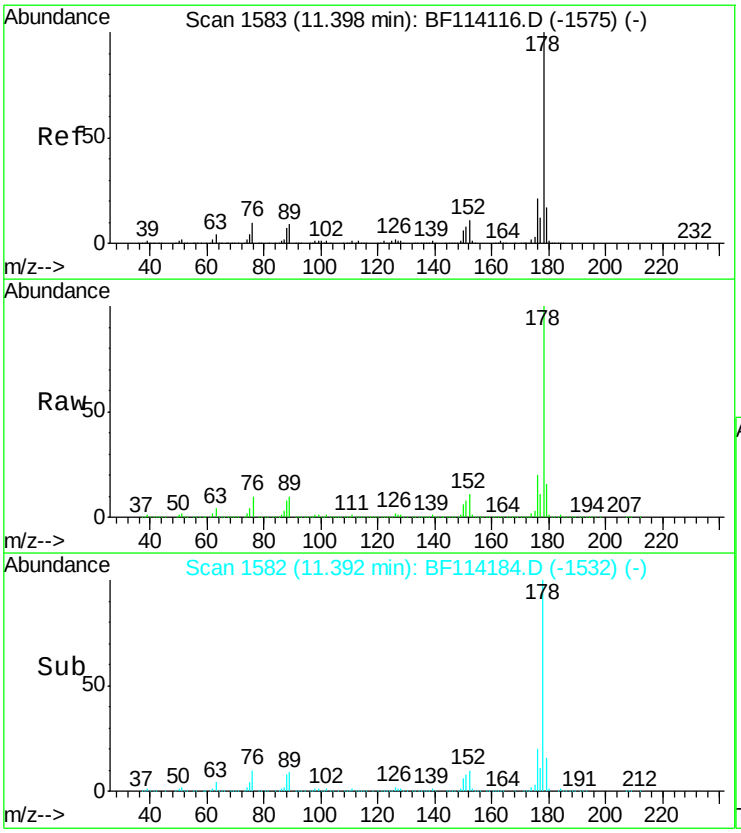
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:188 Resp: 994306

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.4	12.6
80	11.7	9.2	13.8

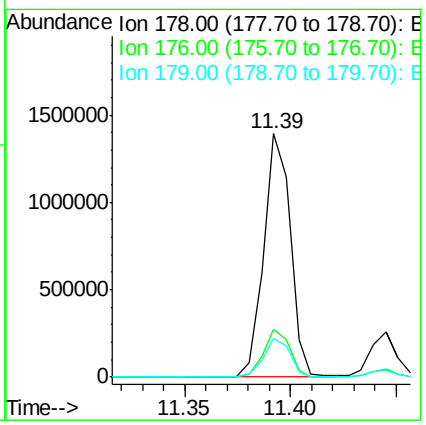


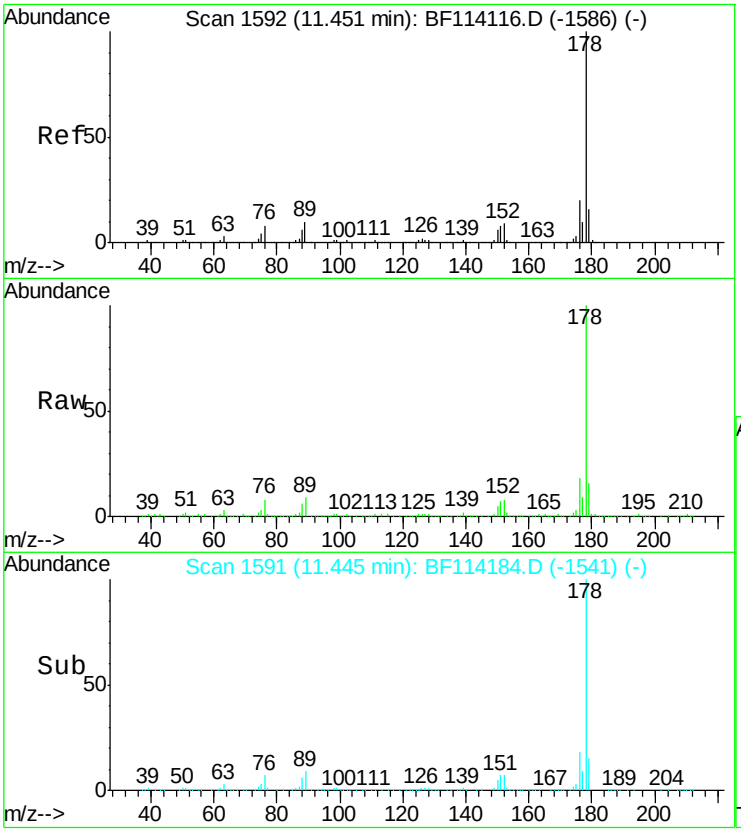


#71
Phenanthrene
Concen: 25.232 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion:178 Resp: 1220599

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.4	24.6
179	15.9	13.2	19.8



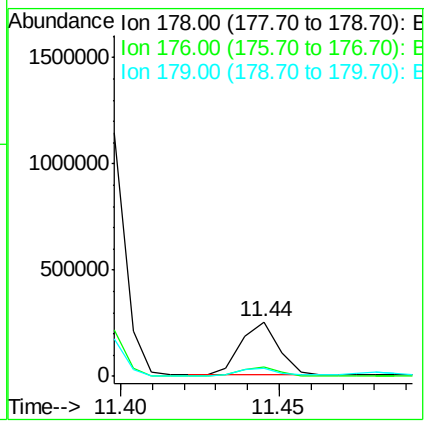


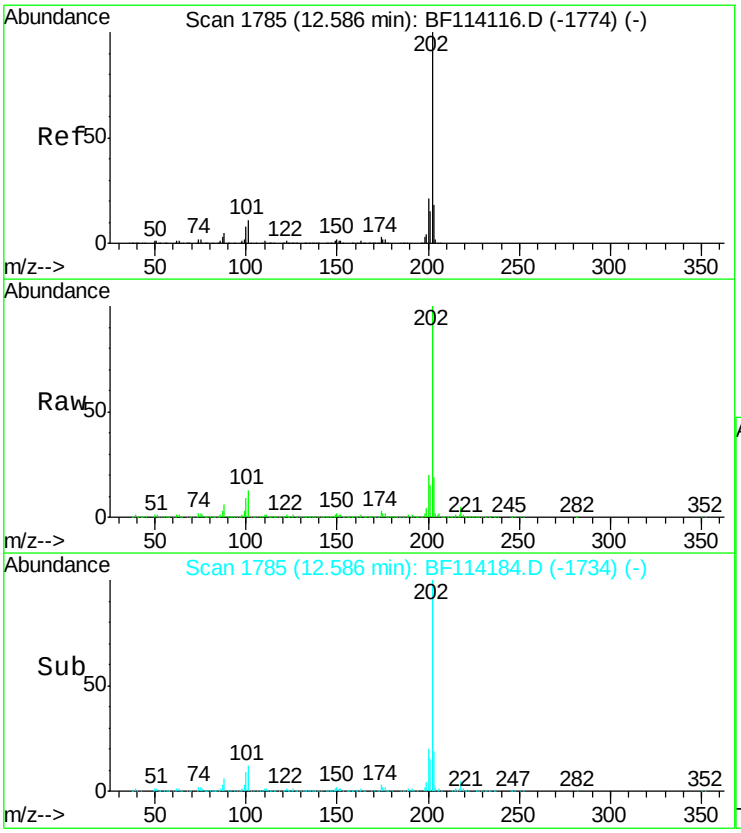
#72
Anthracene
Concen: 4.331 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:178 Resp: 210436

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	15.8	13.0	19.4

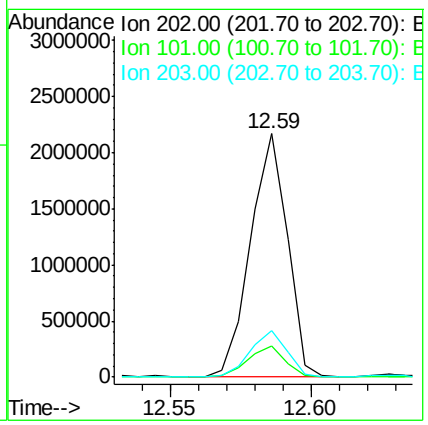


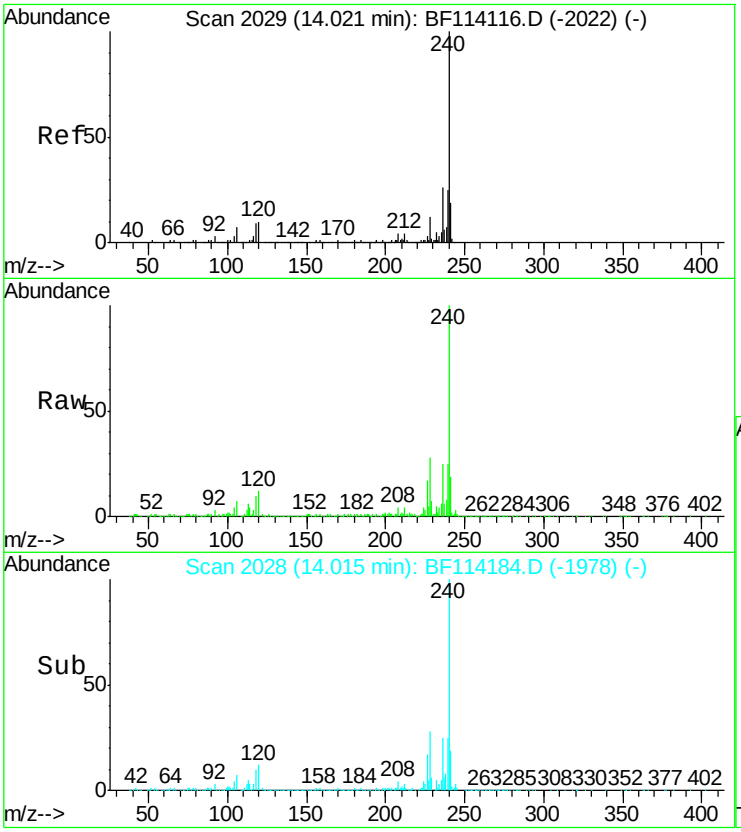


#75
Fluoranthene
Concen: 37.709 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion:202 Resp: 1964374

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.0
203	19.1	0.0	38.4



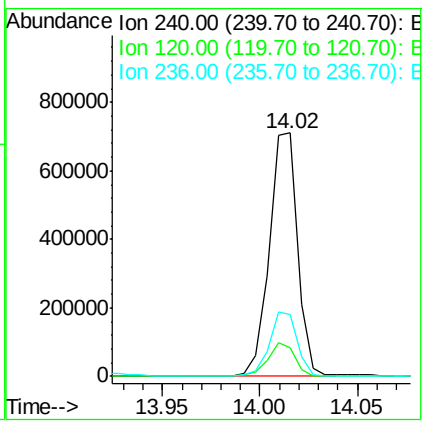


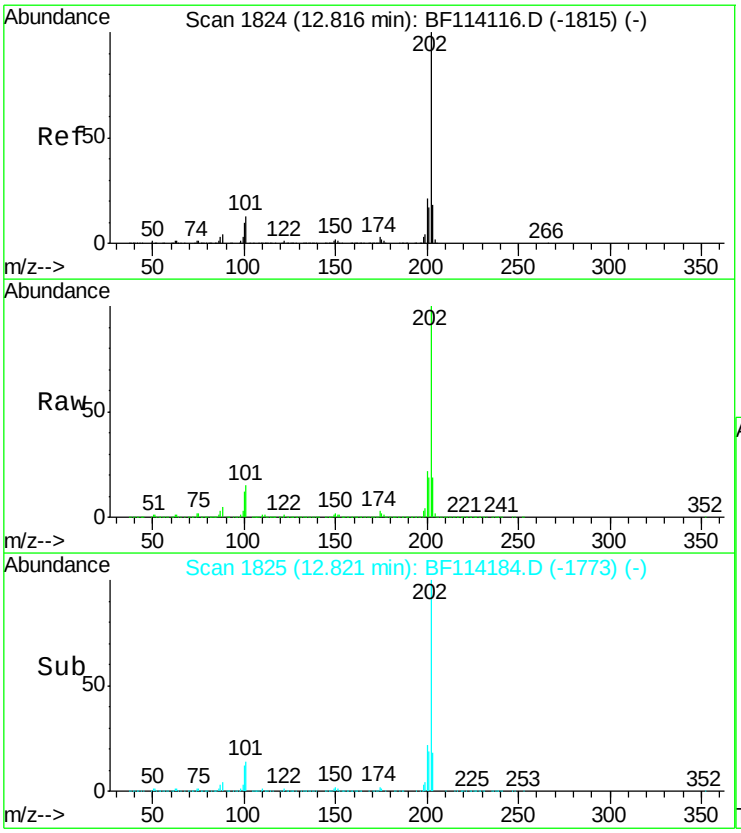
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:240 Resp: 709396

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	25.3	20.8	31.2

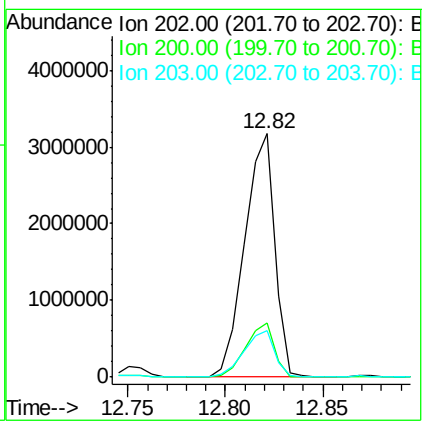


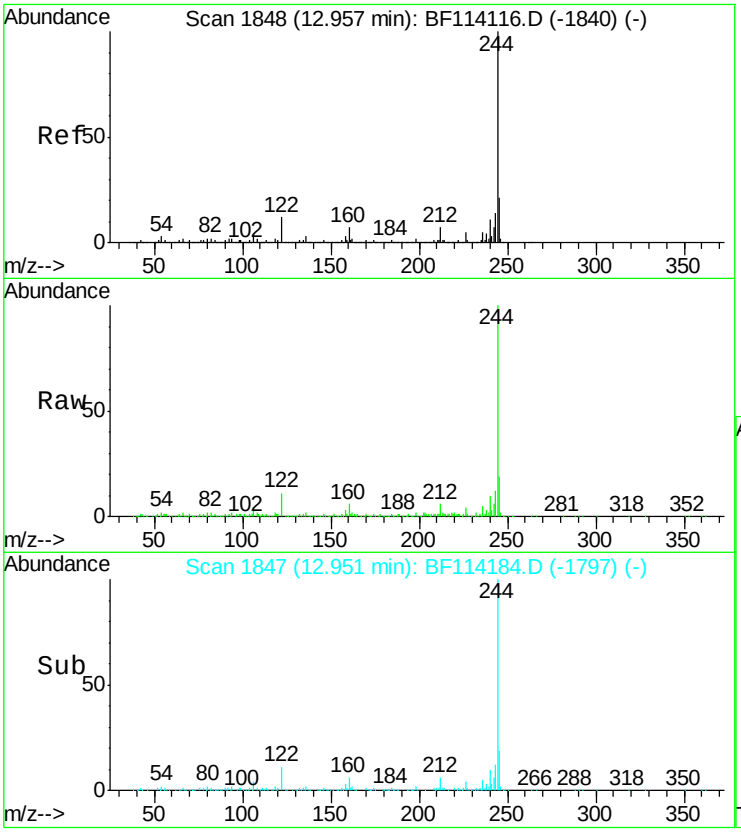


#78
Pyrene
Concen: 59.117 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion:202 Resp: 3373638

Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	19.2	14.5	21.7



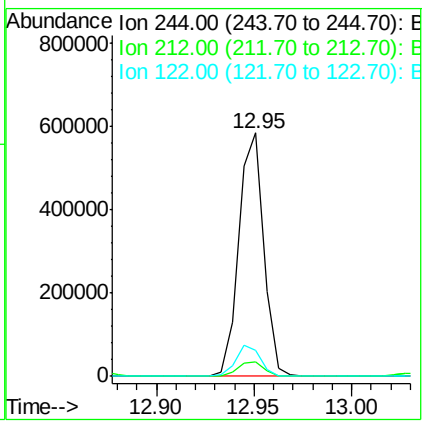


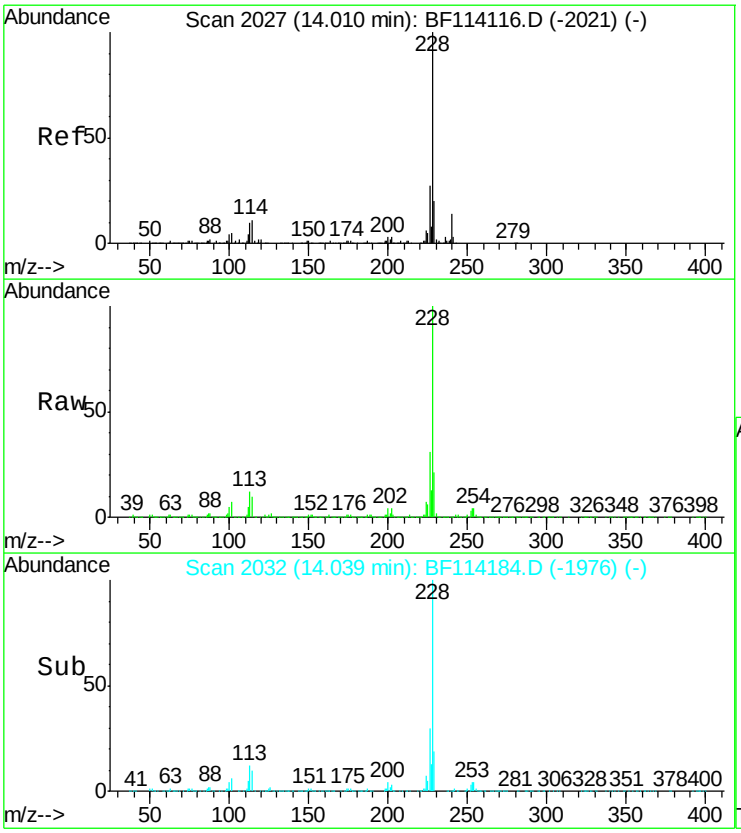
#79
Terphenyl-d14
Concen: 14.916 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:244 Resp: 513286

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.8	8.6
122	10.9	9.4	14.2

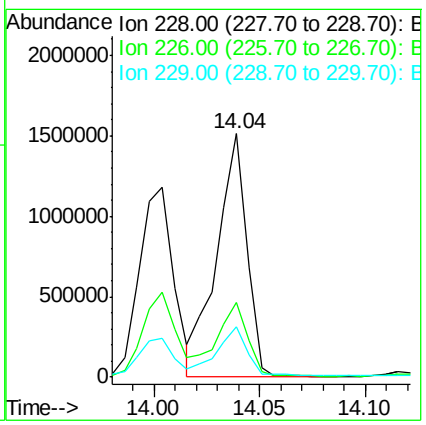


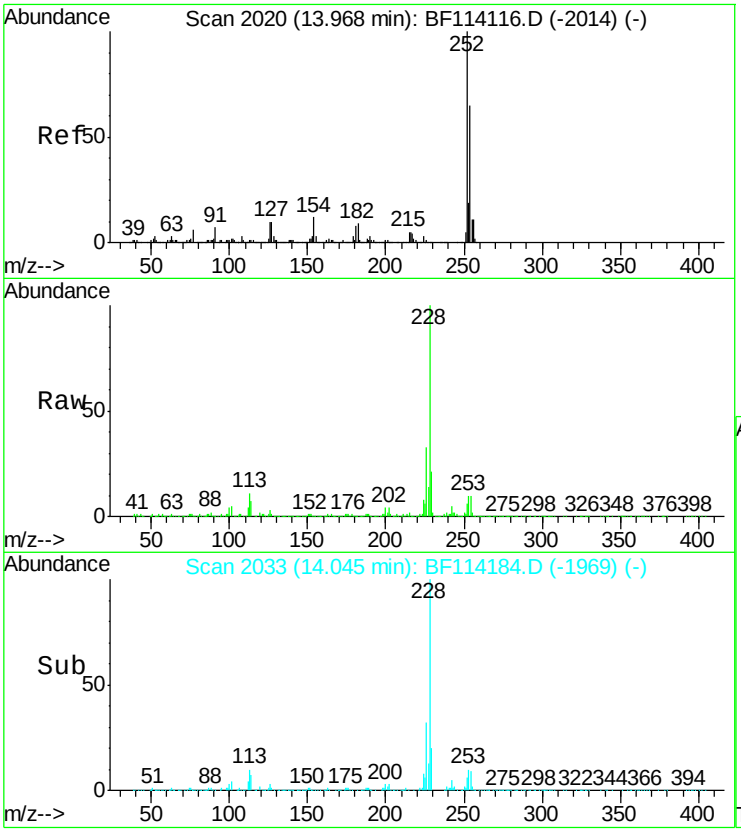


#81
Benzo(a)anthracene
Concen: 32.355 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.03 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion:228 Resp: 1484546

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.2	33.2
229	20.6	16.4	24.6



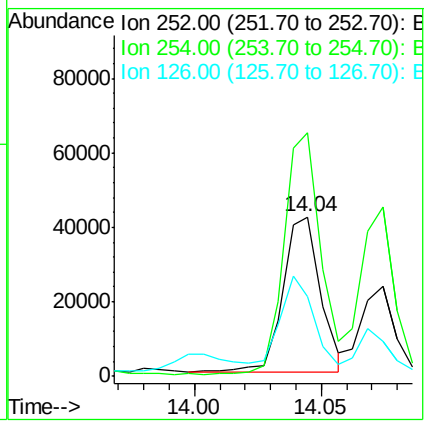


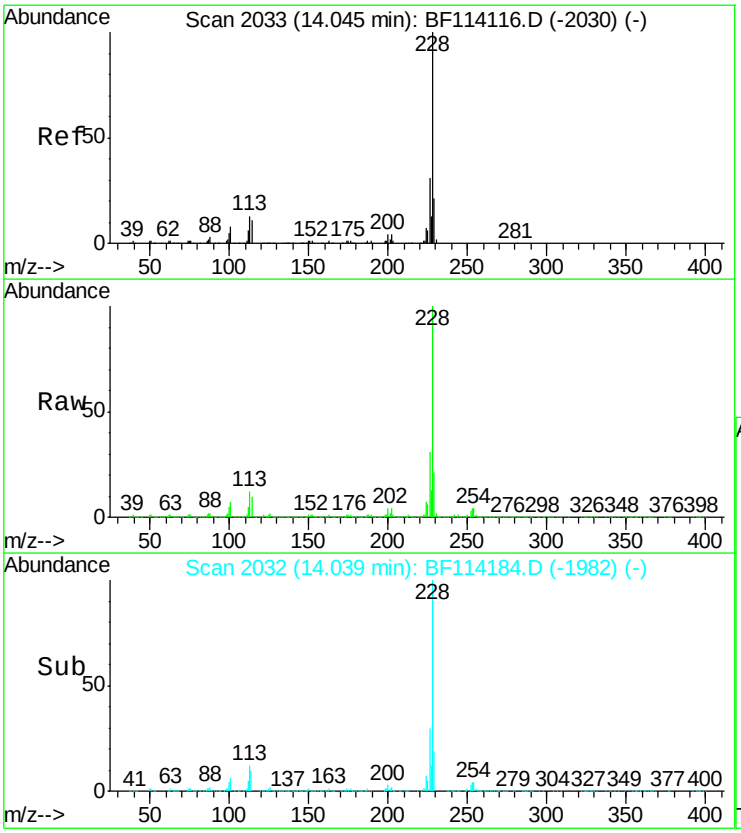
#82
3,3'-Dichlorobenzidine
Concen: 2.421 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.08 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:252 Resp: 43100

Ion	Ratio	Lower	Upper
252	100		
254	152.8	51.9	77.9#
126	49.7	7.9	11.9#

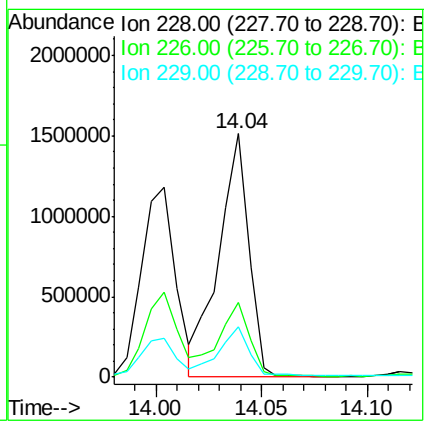


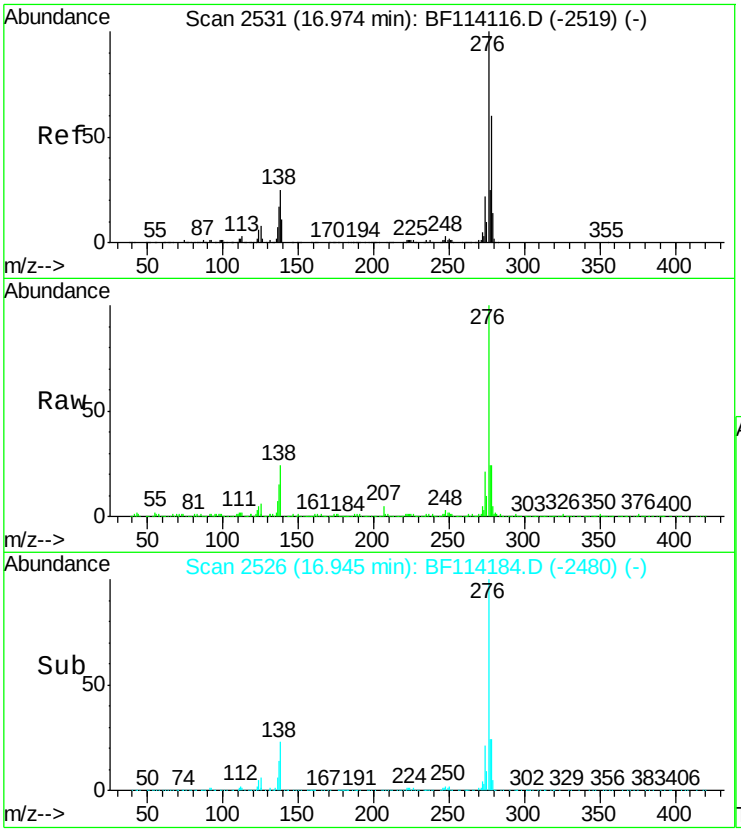


#83
Chrysene
Concen: 33.006 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion:228 Resp: 1484546

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.6	17.0	25.6



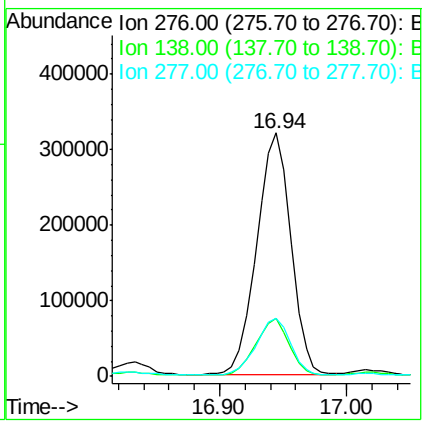


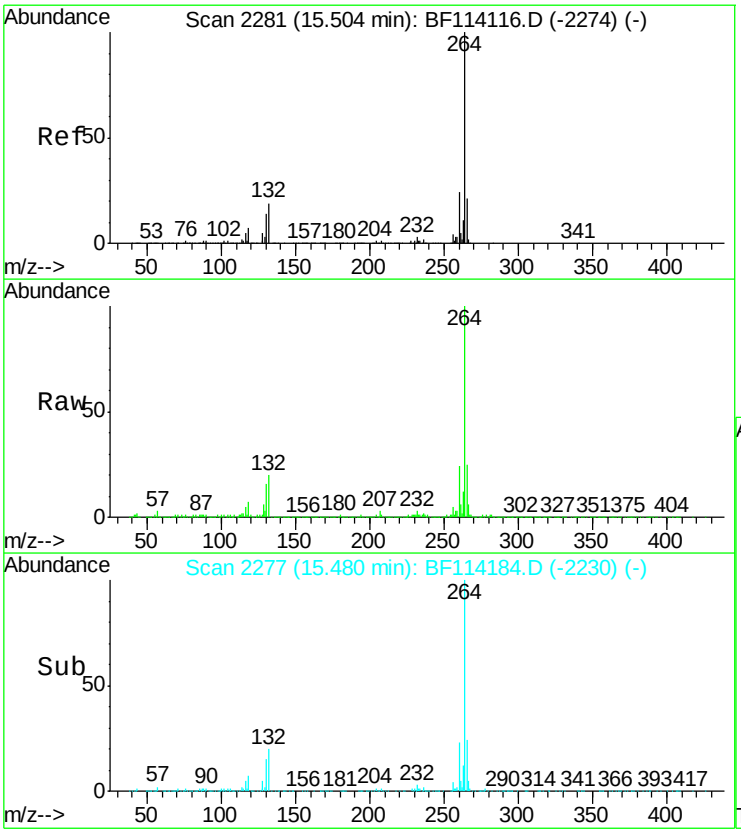
#86
Indeno(1,2,3-cd)pyrene
Concen: 14.955 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.03 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:276 Resp: 594497

Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.2	30.2
277	23.8	20.0	30.0

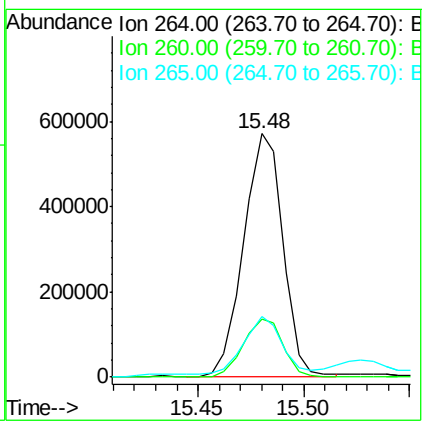


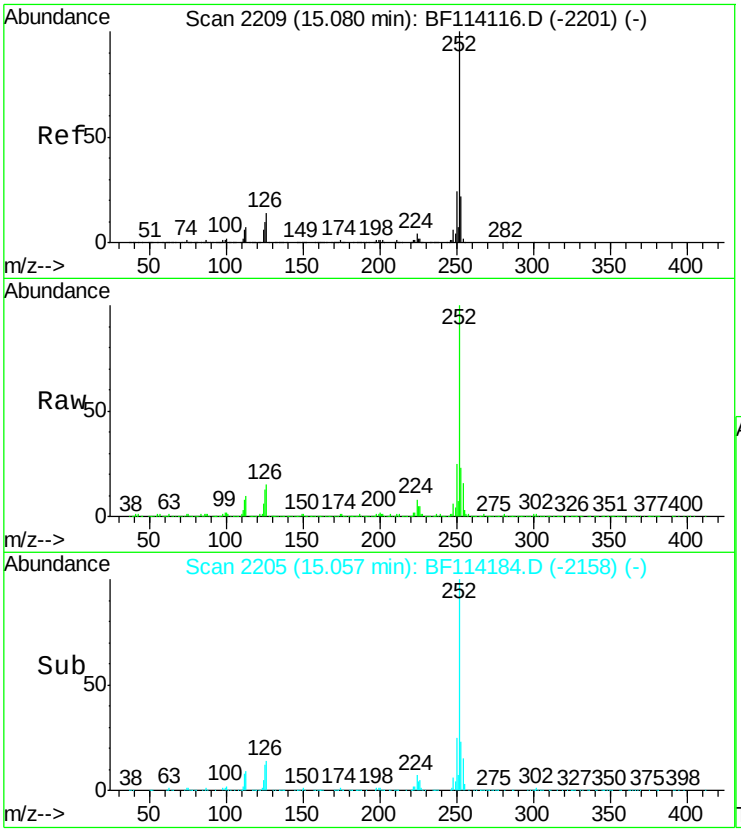


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion:264 Resp: 731418

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	24.7	16.9	25.3



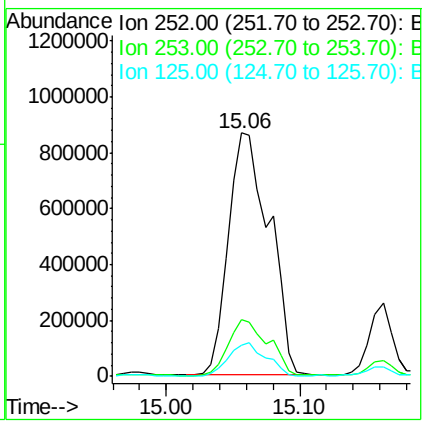


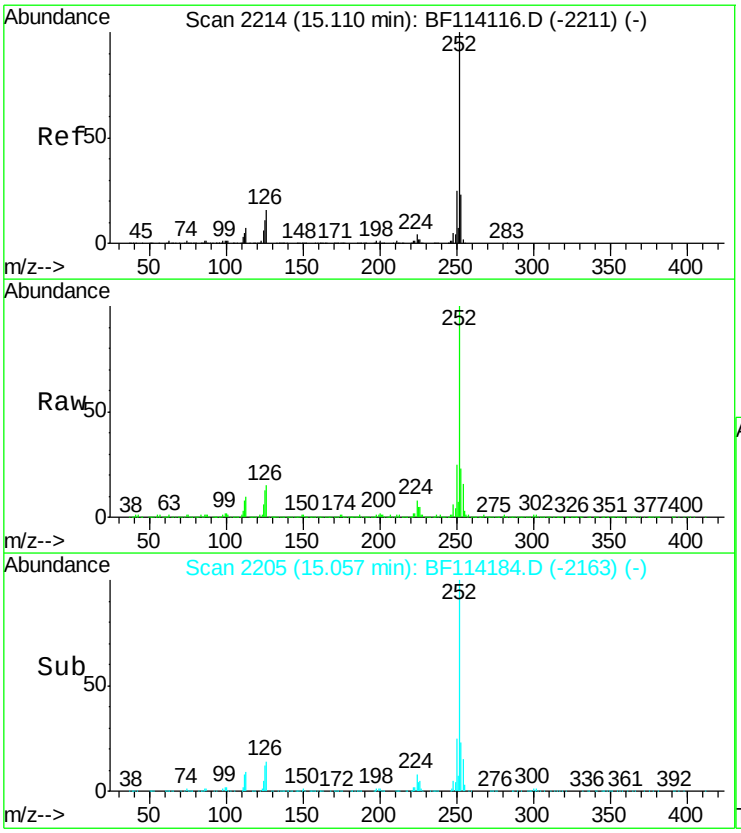
#88
Benzo(b)fluoranthene
Concen: 39.658 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:252 Resp: 1858344

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	12.6	8.3	12.5#

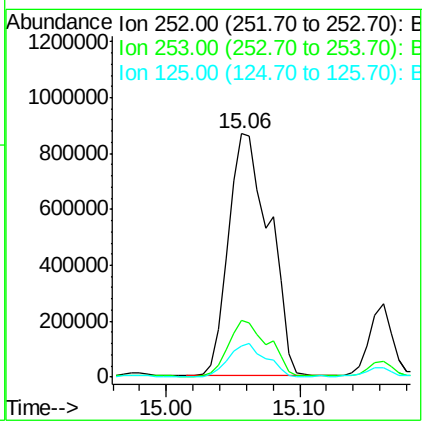


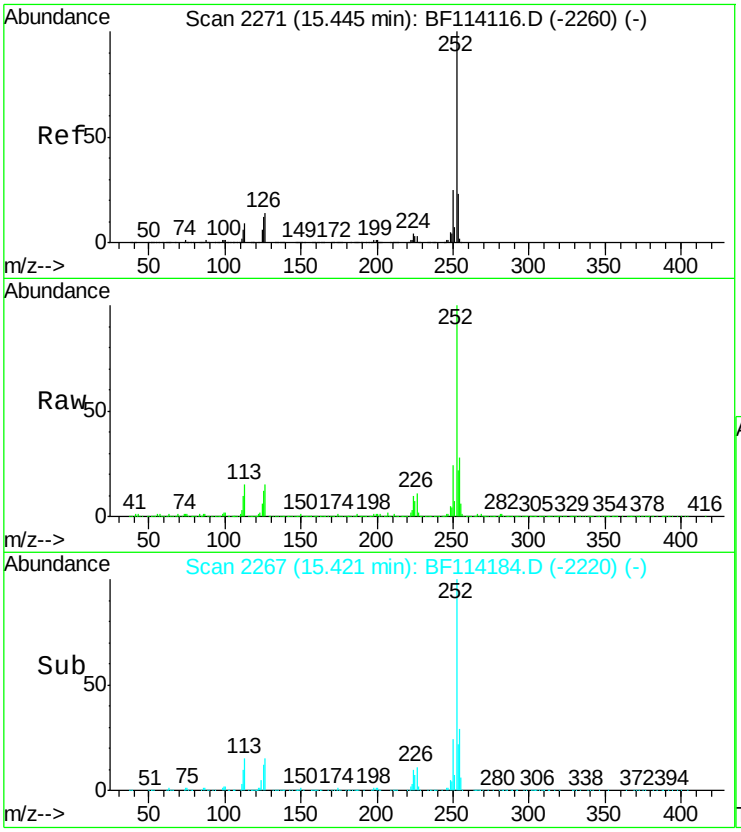


#89
Benzo(k)fluoranthene
Concen: 43.173 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.05 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion:252 Resp: 1858344

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	12.6	8.6	13.0



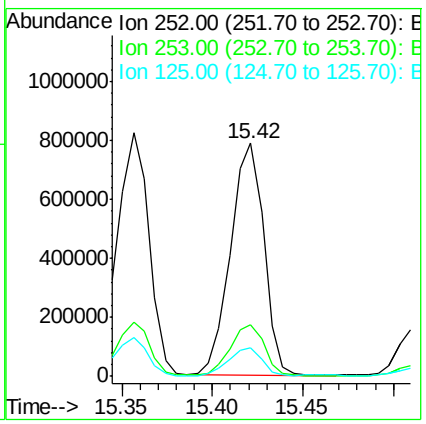


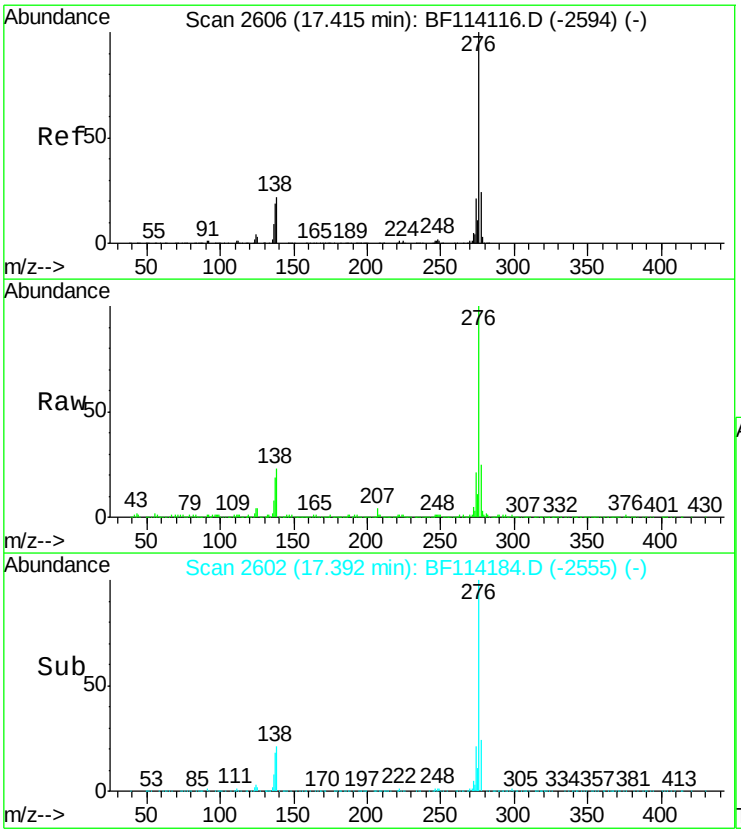
#90
Benzo(a)pyrene
Concen: 24.407 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:252 Resp: 1006530

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.2	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 19.302 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.02 min
Lab File: BF114184.D
Acq: 12 May 2019 5:15

Tgt Ion:276 Resp: 662872

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.4
138	23.1	17.8	26.6