Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114179.D
Acq On : 12 May 2019 3:04
Operator : JU/SJ
Sample : K2765-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-0206-01

Quant Time: May 12 05:59:43 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	302807	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1109609	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	509031	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	926076	20.00	ng		0.00
76) Chrysene-d12	14.02	240	628611	20.00	ng		0.00
87) Perylene-d12	15.49	264	787168	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1883795	100.11	ng		0.00
7) Phenol-d6	6.49	99	2529705	113.67	ng		0.00
23) Nitrobenzene-d5	7.41	82	1619308	81.90	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	551359	104.77	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2314968	68.79	ng		0.00
79) Terphenyl-d14	12.96	244	1828887	59.98	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	212188	15.042	ng	#	76
25) Isophorone	7.41	82	1599633	43.623	ng	#	64
31) Naphthalene	8.15	128	280360	5.409	ng		97
32) Benzoic acid	7.92	122	2117	7.186	ng	#	54
37) 2-Methylnaphthalene	8.85	142	120724	3.610	ng		96
38) 1-Methylnaphthalene	8.94	142	81428	2.586	ng		96
49) Acenaphthylene	9.75	152	743037	14.762	ng		98
50) Dimethylphthalate	9.60	163	509501	13.635	ng		100
54) 2,4-Dinitrophenol	10.05	184	238	6.798	ng	#	1
58) Fluorene	10.43	166	91728	2.622	ng	#	98
67) 4-Bromophenyl-phenylether	10.67	248	35964	3.527	ng	#	1
71) Phenanthrene	11.40	178	2131484	47.309	ng		99
72) Anthracene	11.45	178	433700	9.584	ng		98
75) Fluoranthene	12.59	202	3122839	64.364	ng		96
78) Pyrene	12.83	202	4986141	98.601	ng		95
81) Benzo(a)anthracene	14.04	228	2777195	68.306	ng		93
83) Chrysene	14.04	228	2777195	69.680	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1372587	38.967	ng		97
88) Benzo(b)fluoranthene	15.07	252	4055002	80.408	ng		98
89) Benzo(k)fluoranthene	15.07	252	4055002	87.533	ng		99
90) Benzo(a)pyrene	15.43	252	2070742	46.656	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	378193	10.255	ng		96
92) Benzo(g,h,i)perylene	17.42	276	1503938	40.692	ng		99

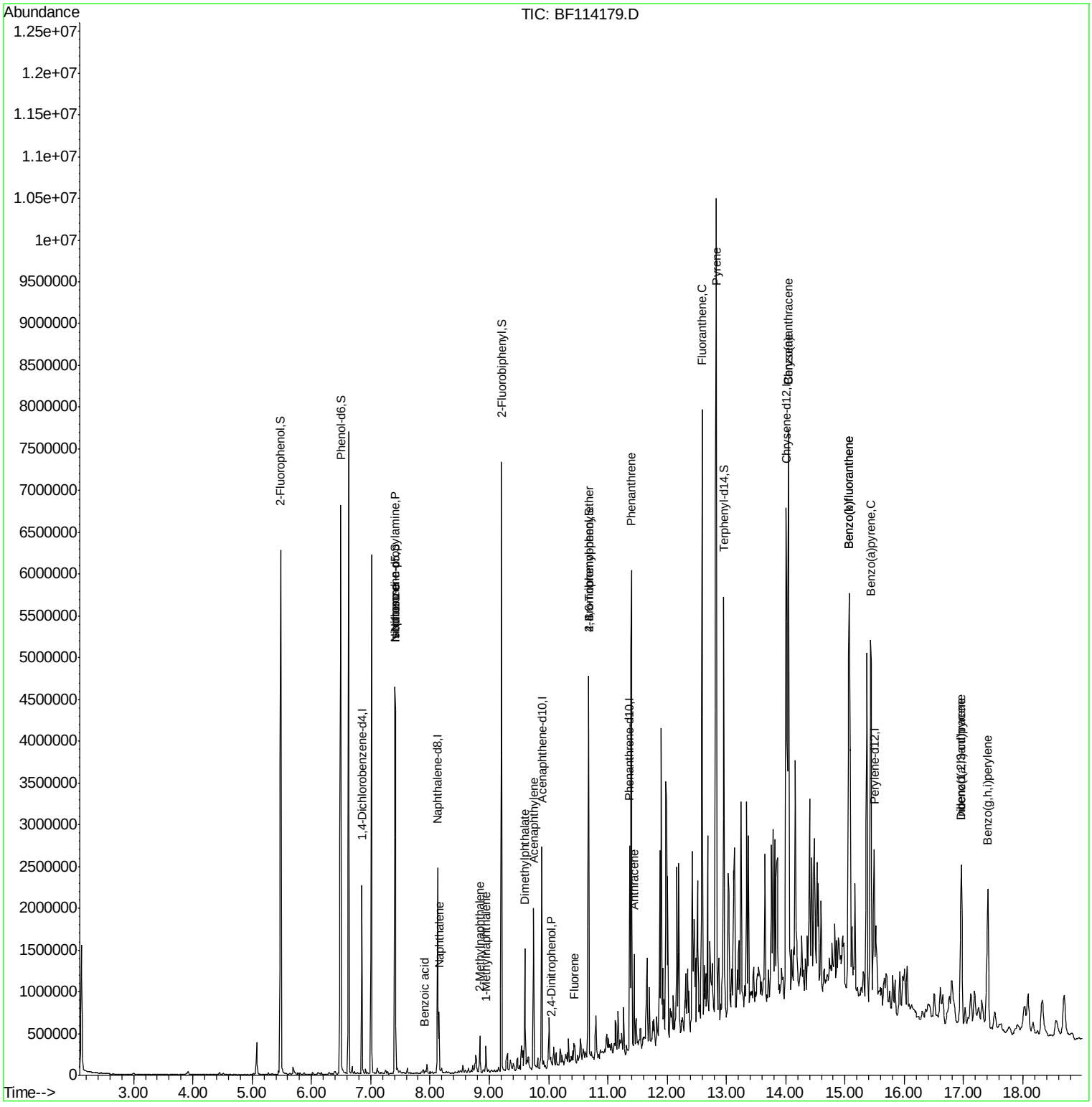
(#) = qualifier out of range (m) = manual integration (+) = signals summed

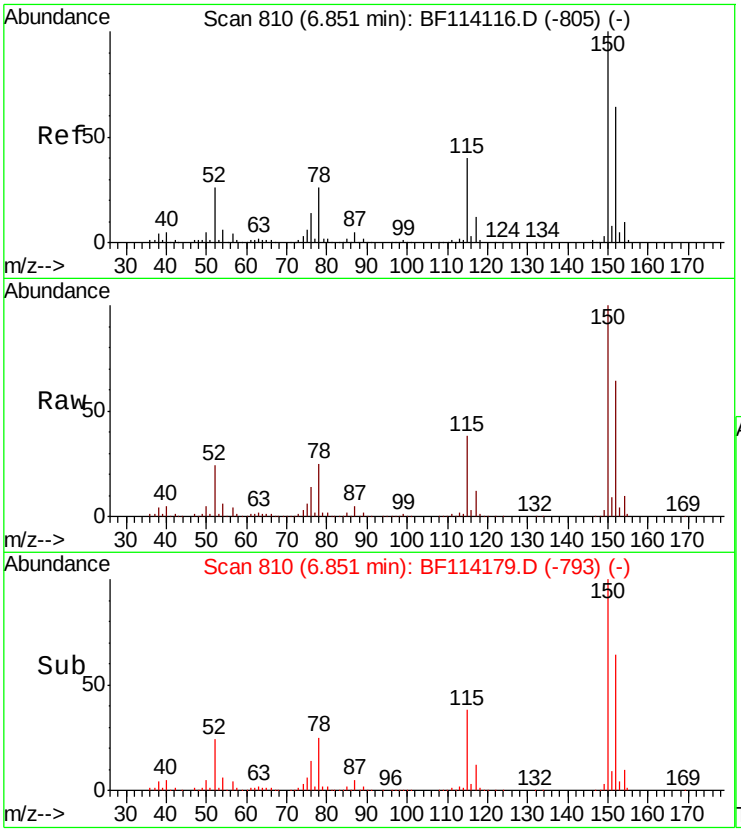
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114179.D
Acq On : 12 May 2019 3:04
Operator : JU/SJ
Sample : K2765-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Quant Time: May 12 05:59:43 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



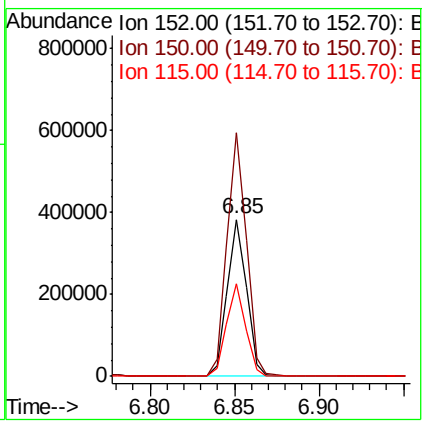


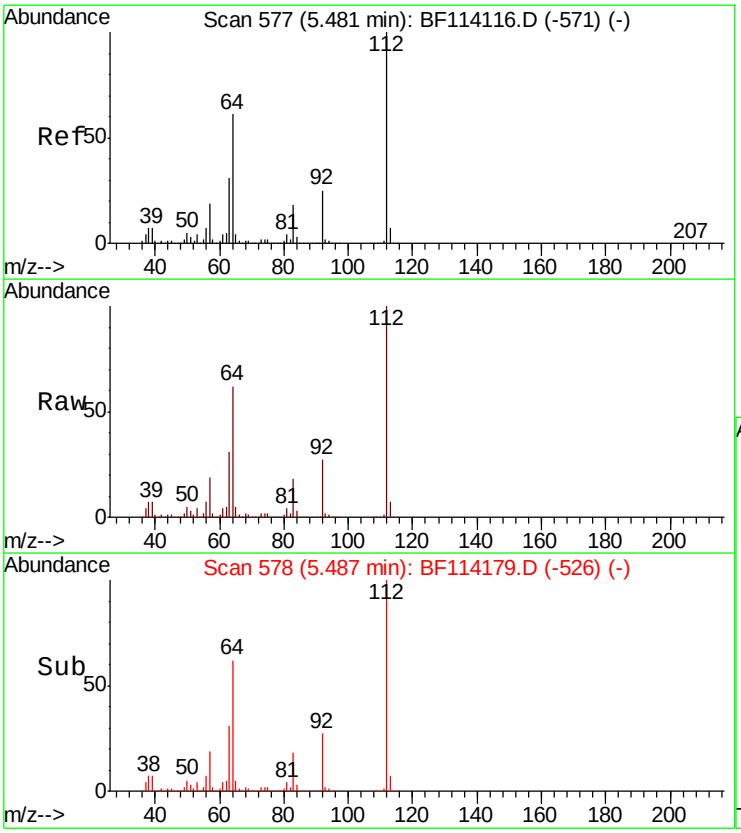
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:152 Resp: 302807

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.3	186.5
115	59.4	49.1	73.7

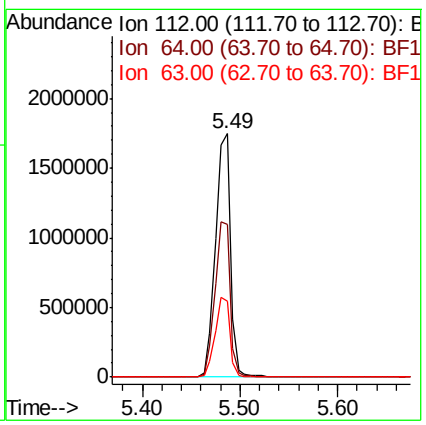


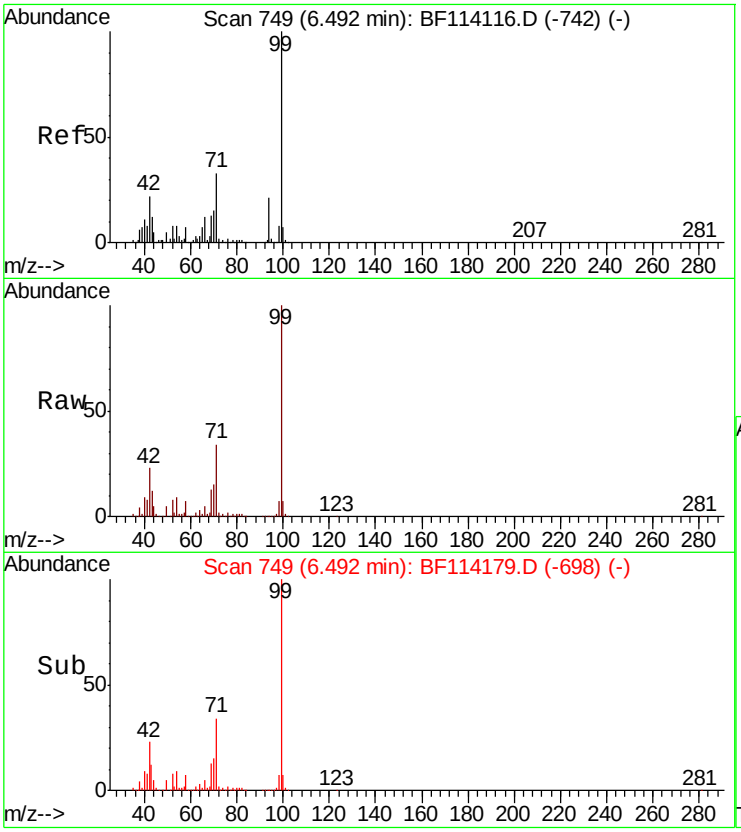


#5
2-Fluorophenol
Concen: 100.114 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion:112 Resp: 1883795

Ion	Ratio	Lower	Upper
112	100		
64	62.5	49.0	73.6
63	31.2	24.6	37.0



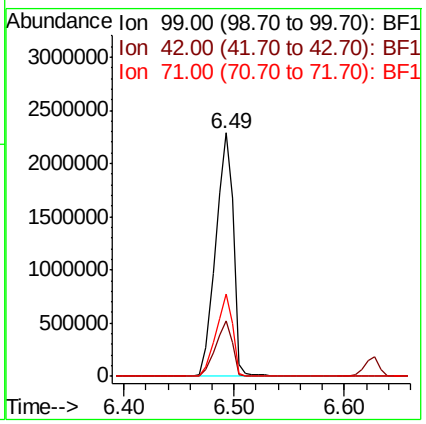


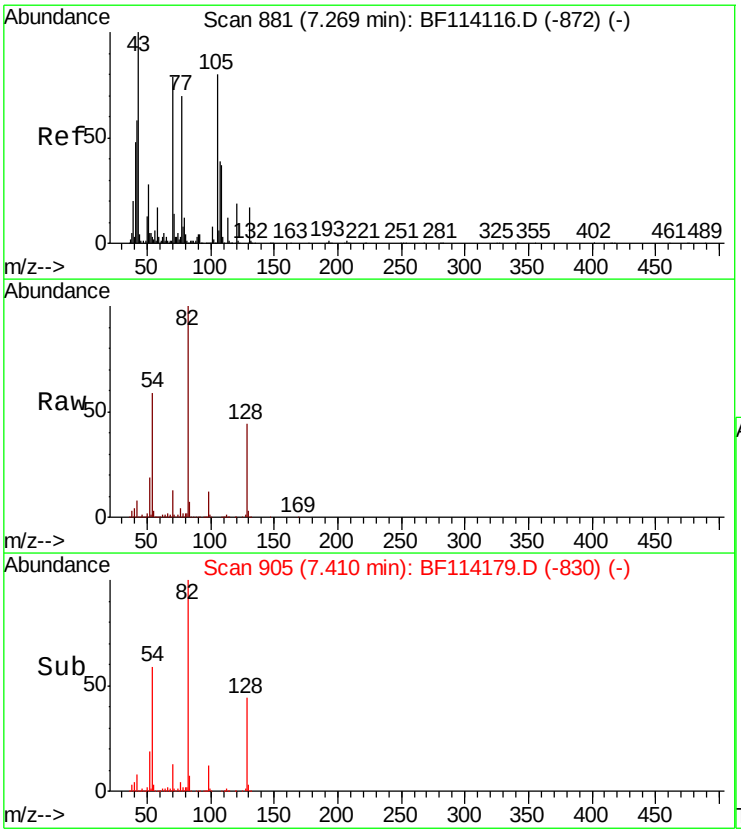
#7
Phenol-d6
Concen: 113.670 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion: 99 Resp: 2529705

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.9	26.9
71	33.6	26.2	39.2

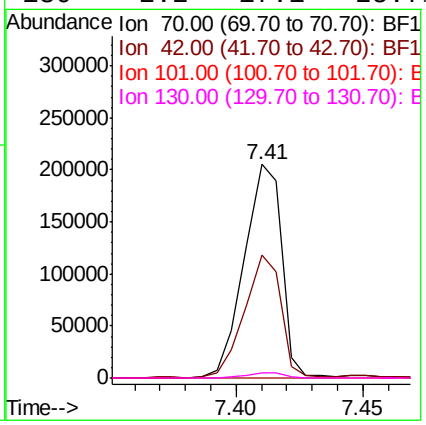


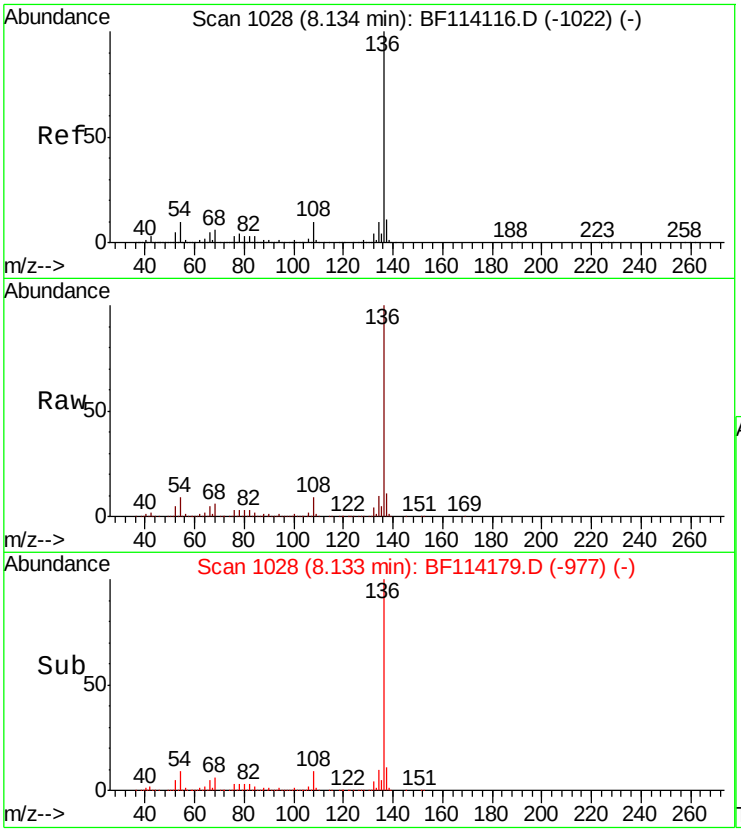


#19
n-Nitroso-di-n-propylamine
Concen: 15.042 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion: 70 Resp: 212188

Ion	Ratio	Lower	Upper
70	100		
42	57.5	58.6	87.8#
101	0.0	7.8	11.8#
130	2.2	17.1	25.7#



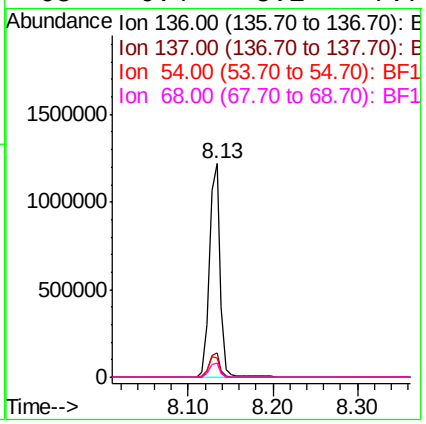


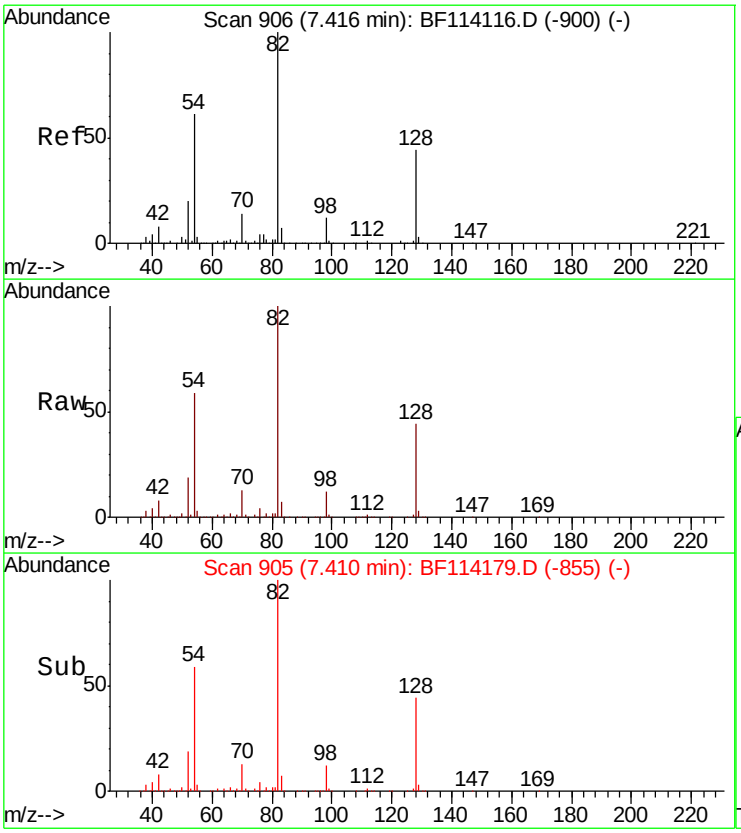
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:136 Resp: 1109609

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.0	7.8	11.8
68	6.4	5.1	7.7

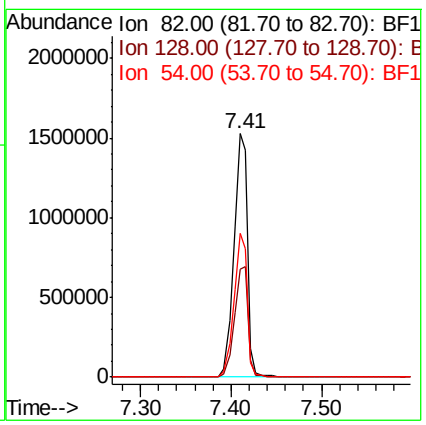


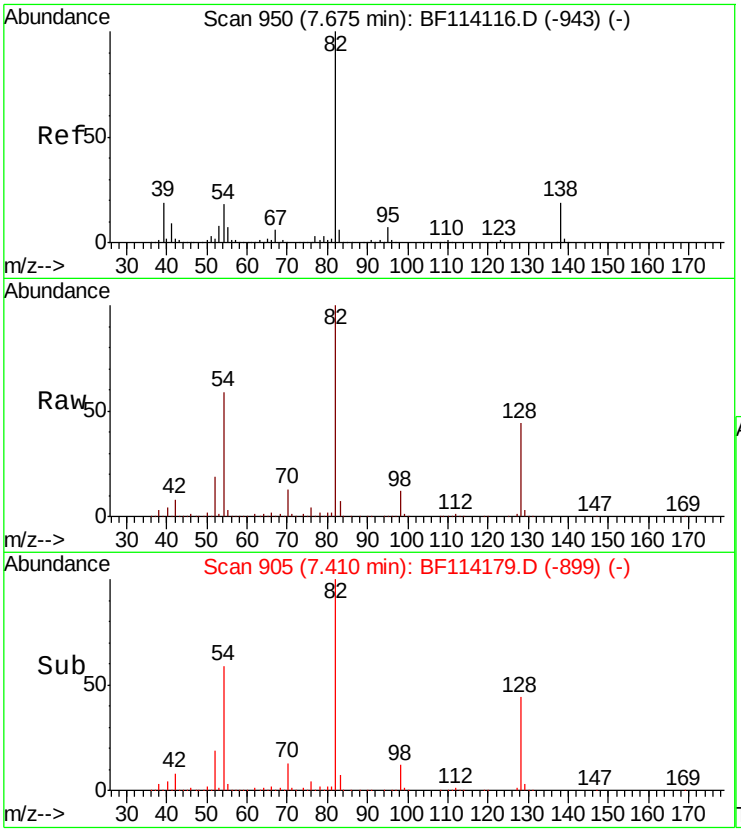


#23
Nitrobenzene-d5
Concen: 81.899 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion: 82 Resp: 1619308

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.5	53.3
54	59.1	48.5	72.7



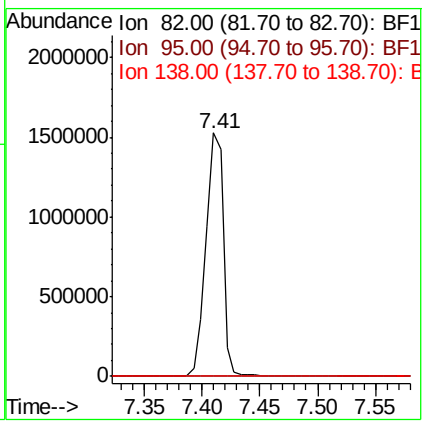


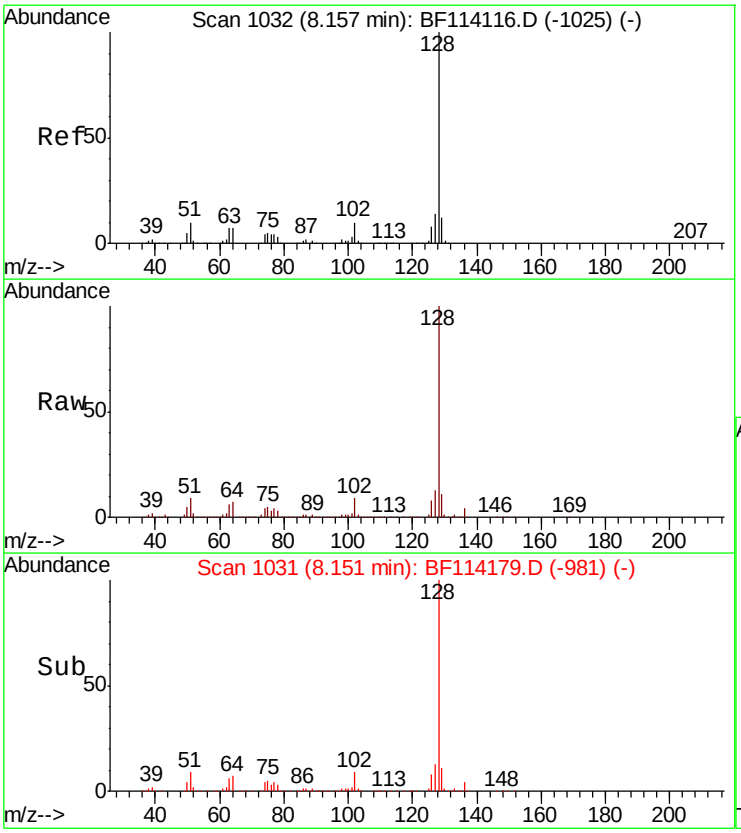
#25
Isophorone
Concen: 43.623 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion: 82 Resp: 1599633

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

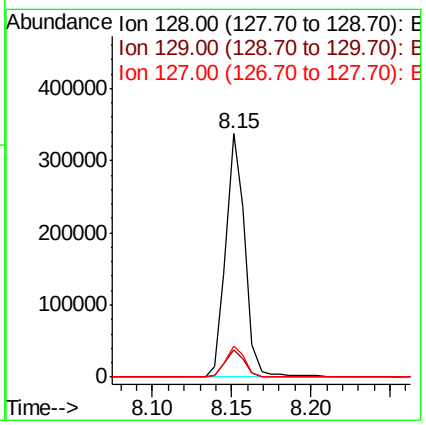


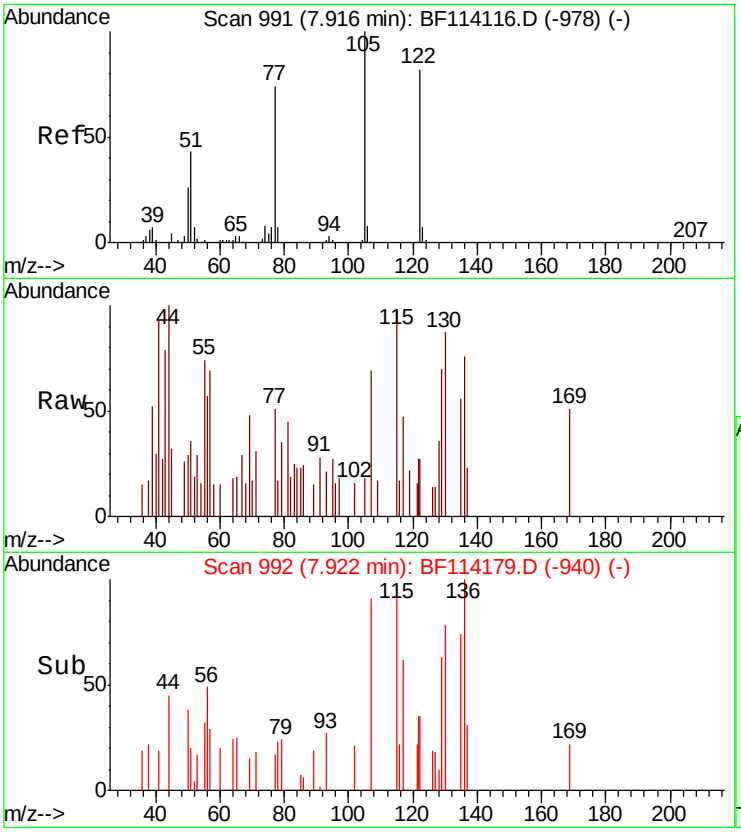


#31
Naphthalene
Concen: 5.409 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion:128 Resp: 280360

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	12.8	11.3	16.9



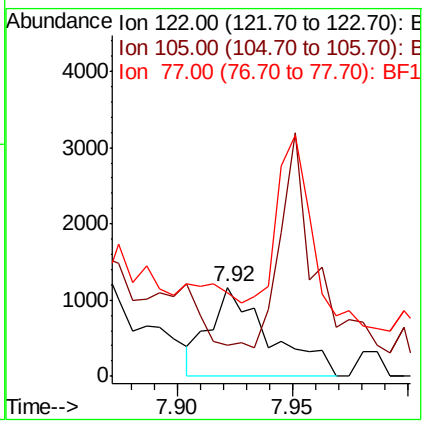


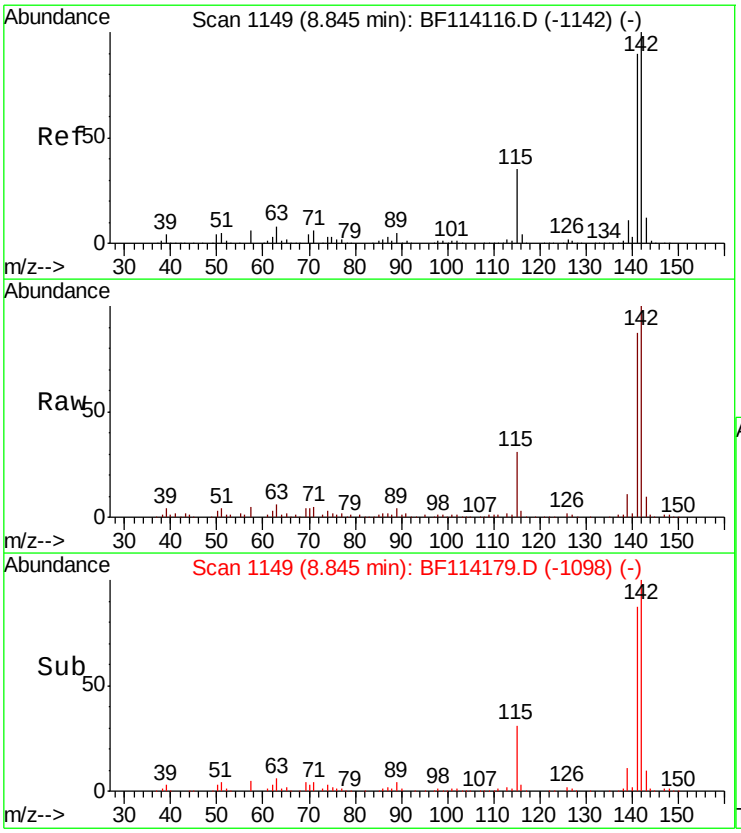
#32
Benzoic acid
Concen: 7.186 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:122 Resp: 2117

Ion	Ratio	Lower	Upper
122	100		
105	34.4	99.9	139.9#
77	94.2	69.4	109.4

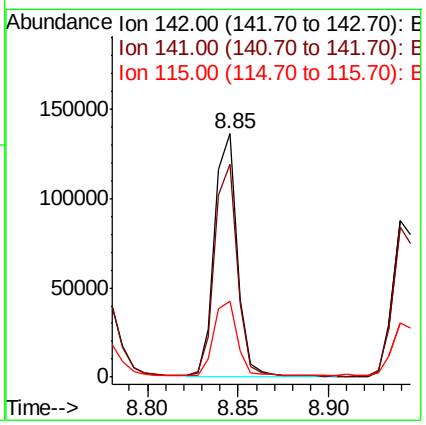


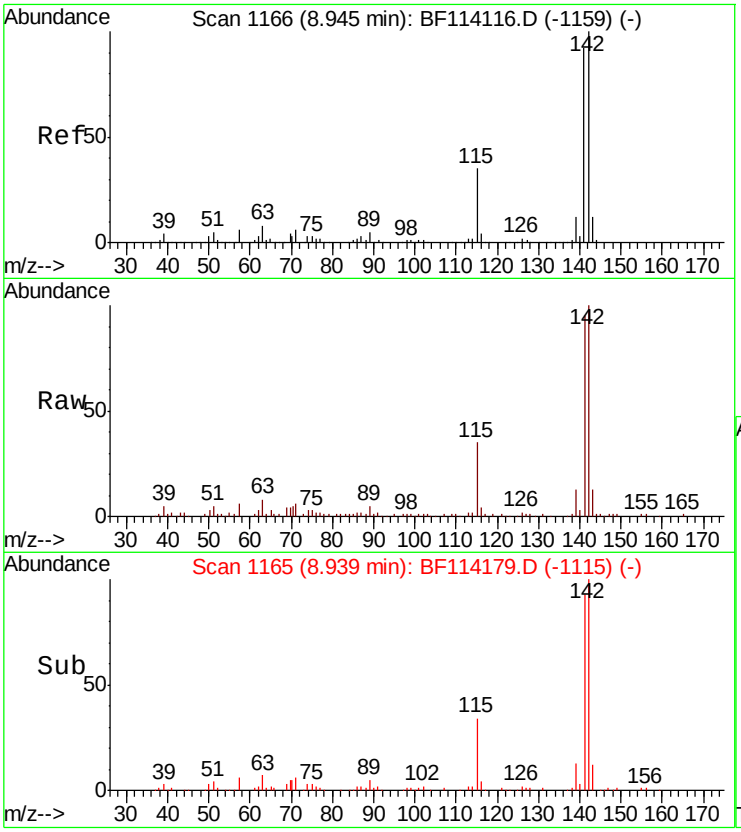


#37
2-Methylnaphthalene
Concen: 3.610 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion:142 Resp: 120724

Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.1	108.1
115	31.2	28.0	42.0



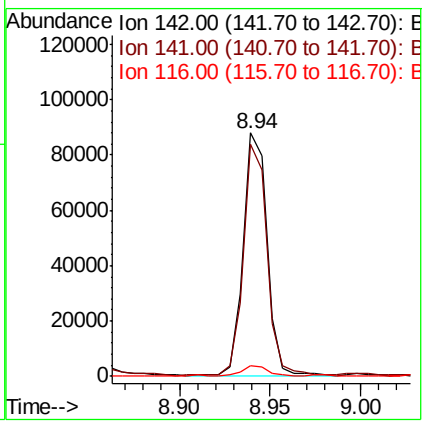


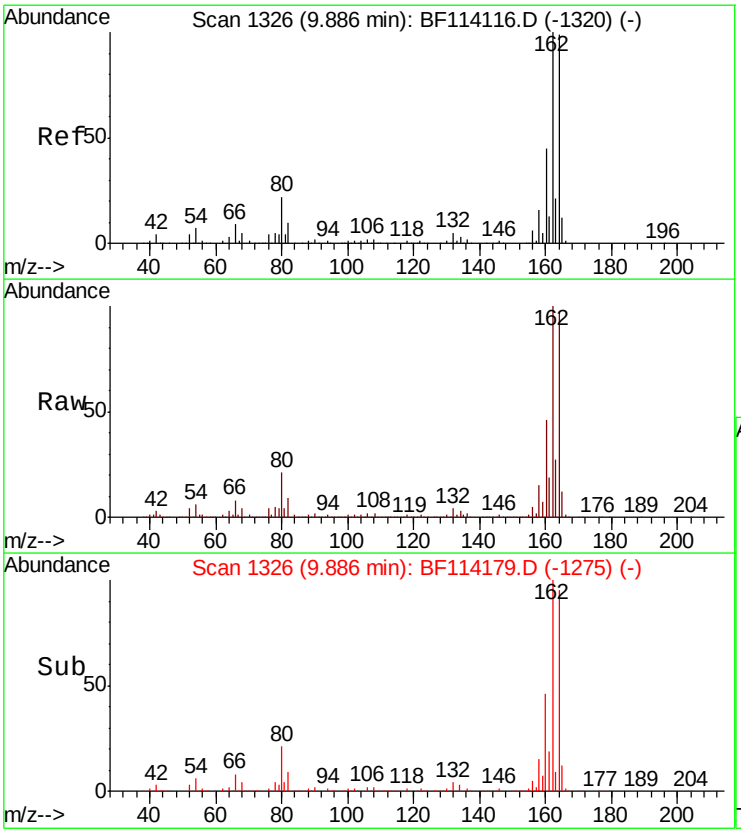
#38
1-Methylnaphthalene
Concen: 2.586 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:142 Resp: 81428

Ion	Ratio	Lower	Upper
142	100		
141	95.4	73.4	110.0
116	4.4	3.1	4.7

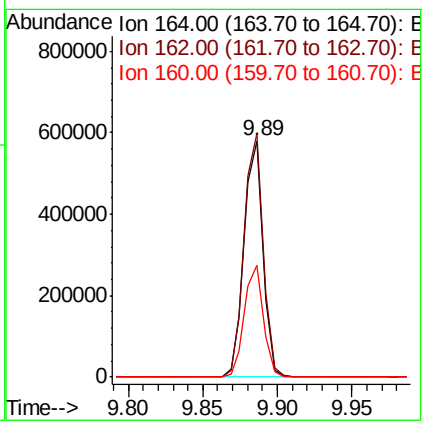


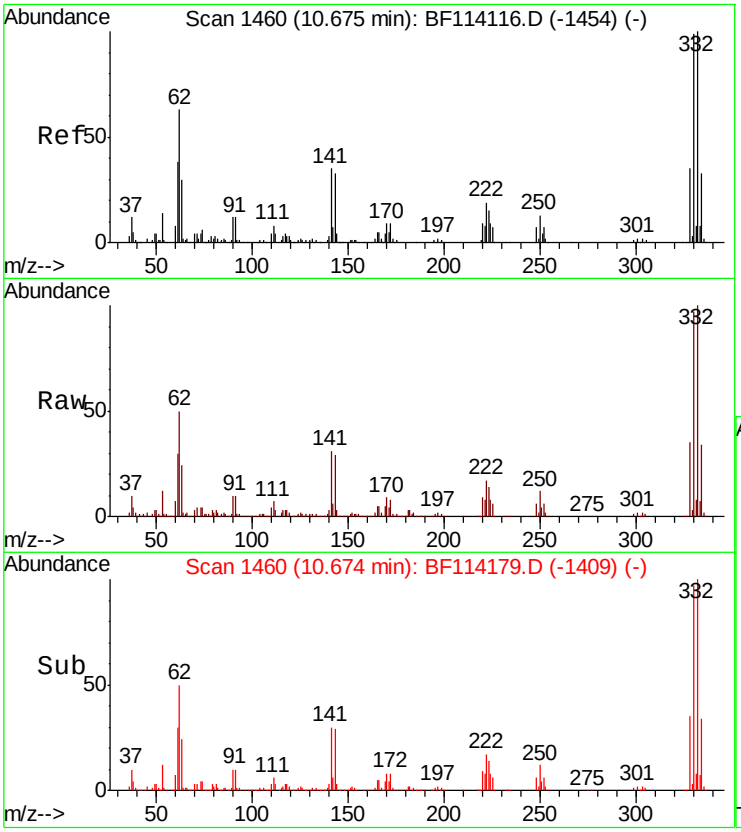


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion:164 Resp: 509031

Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	120.8
160	47.4	36.5	54.7



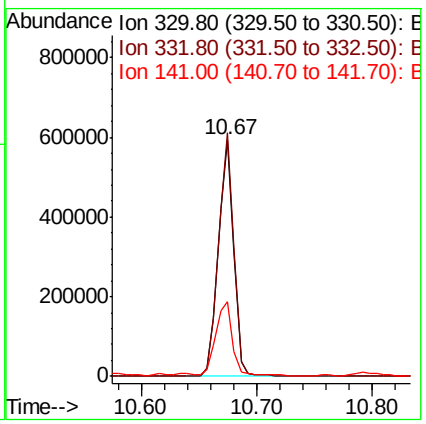


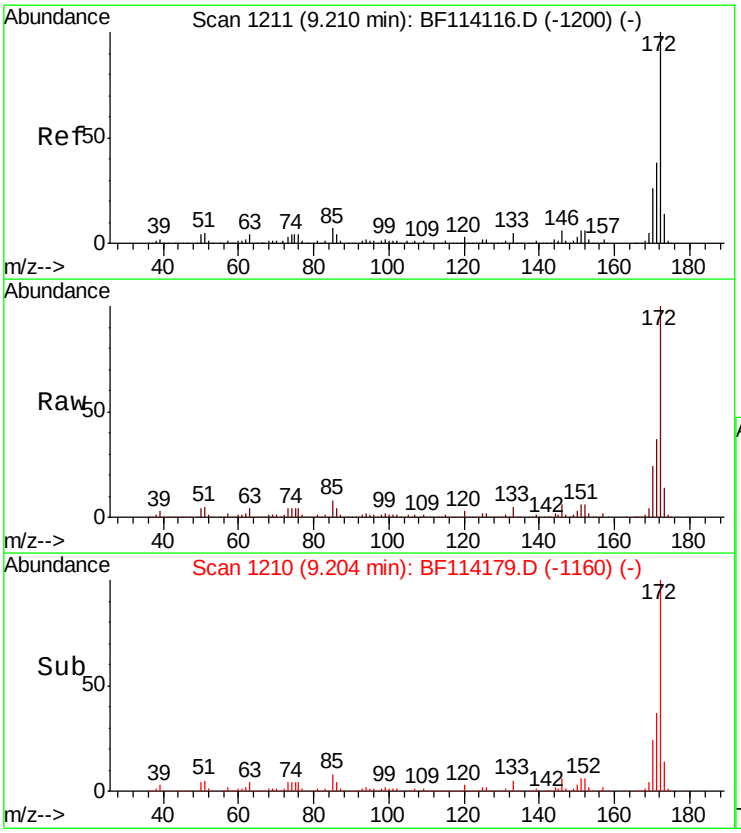
#42
2,4,6-Tribromophenol
Concen: 104.771 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:330 Resp: 551359

Ion	Ratio	Lower	Upper
330	100		
332	102.4	81.4	122.2
141	32.2	26.6	40.0

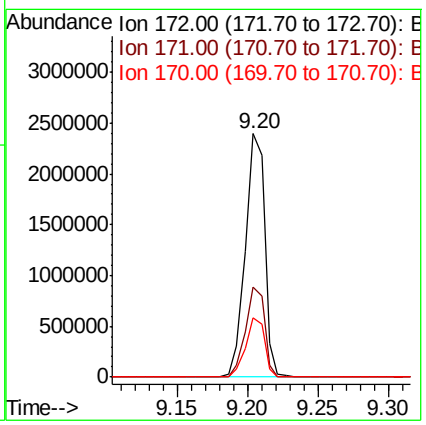


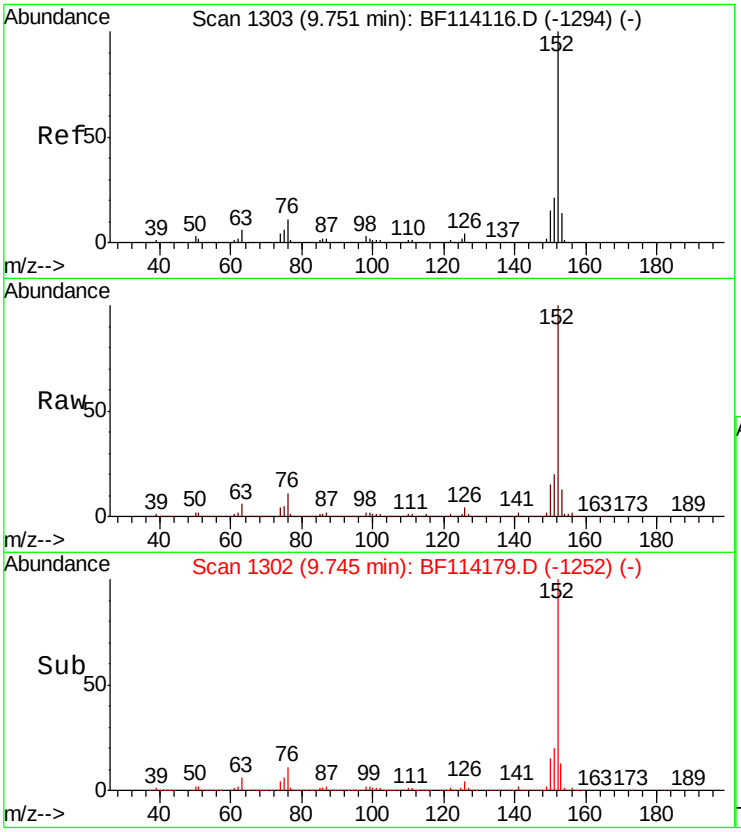


#45
2-Fluorobiphenyl
Concen: 68.793 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion:172 Resp: 2314968

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.7	46.1
170	24.3	20.5	30.7



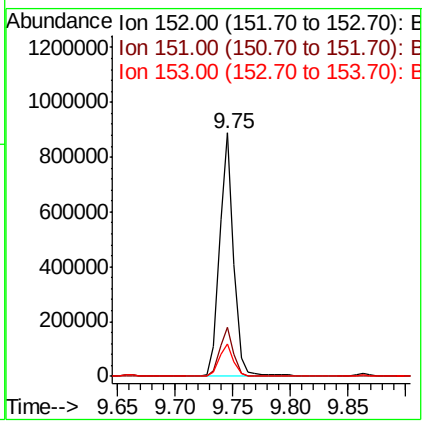


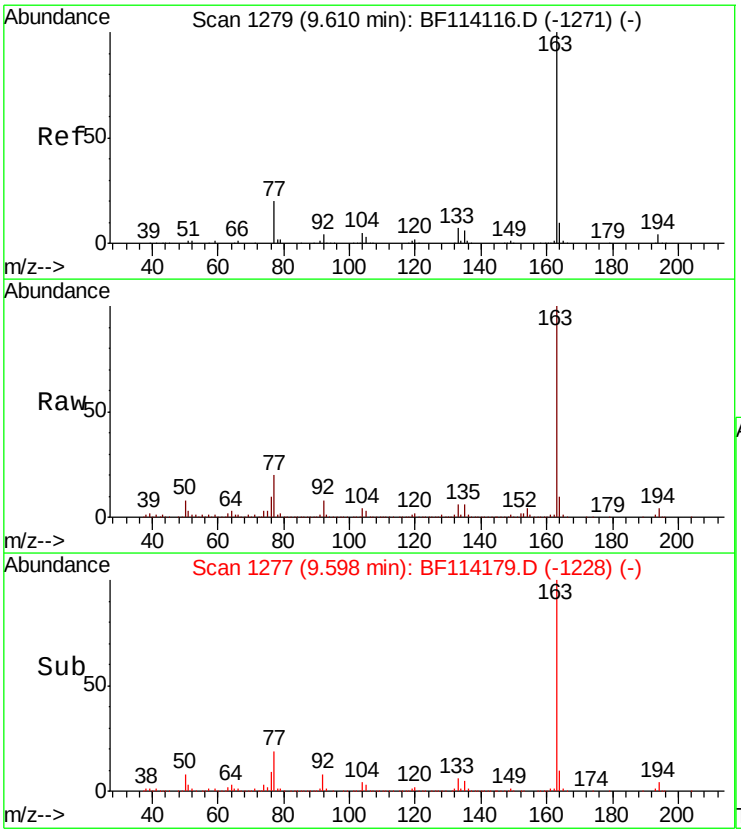
#49
Acenaphthylene
Concen: 14.762 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:152 Resp: 743037

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.5	11.4	17.2

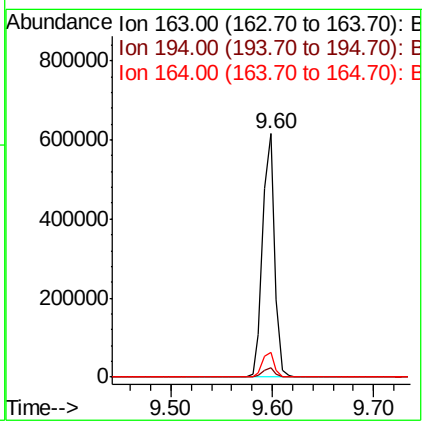


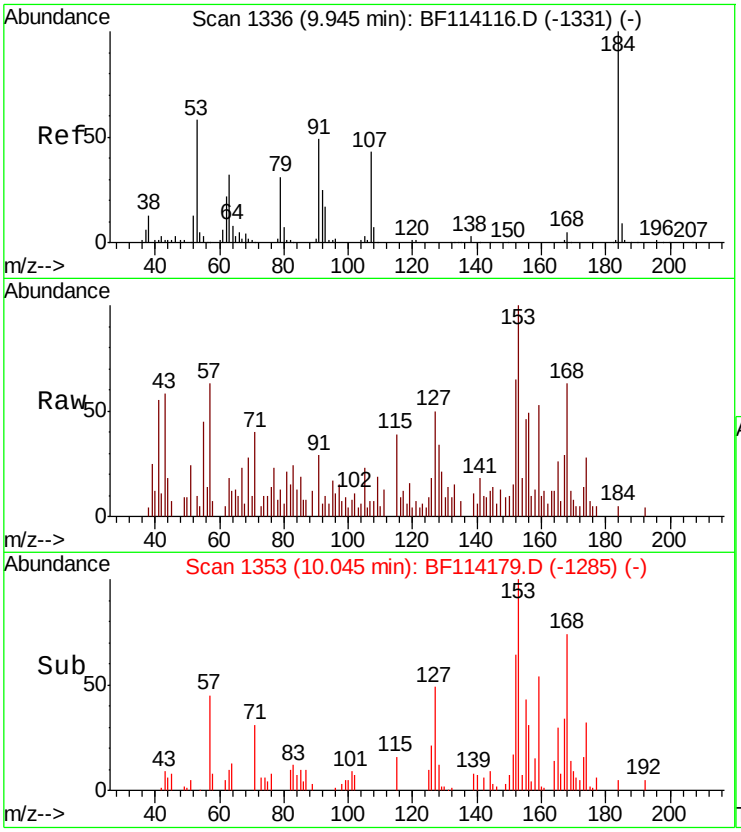


#50
Dimethylphthalate
Concen: 13.635 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion:163 Resp: 509501

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.0	8.2	12.2



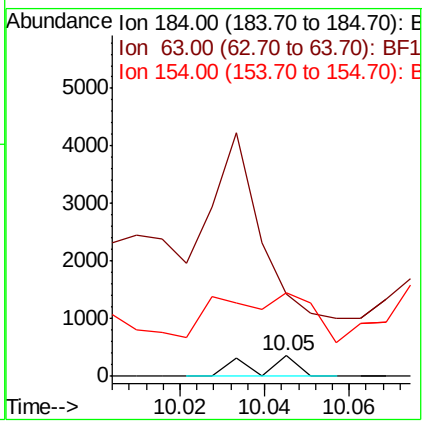


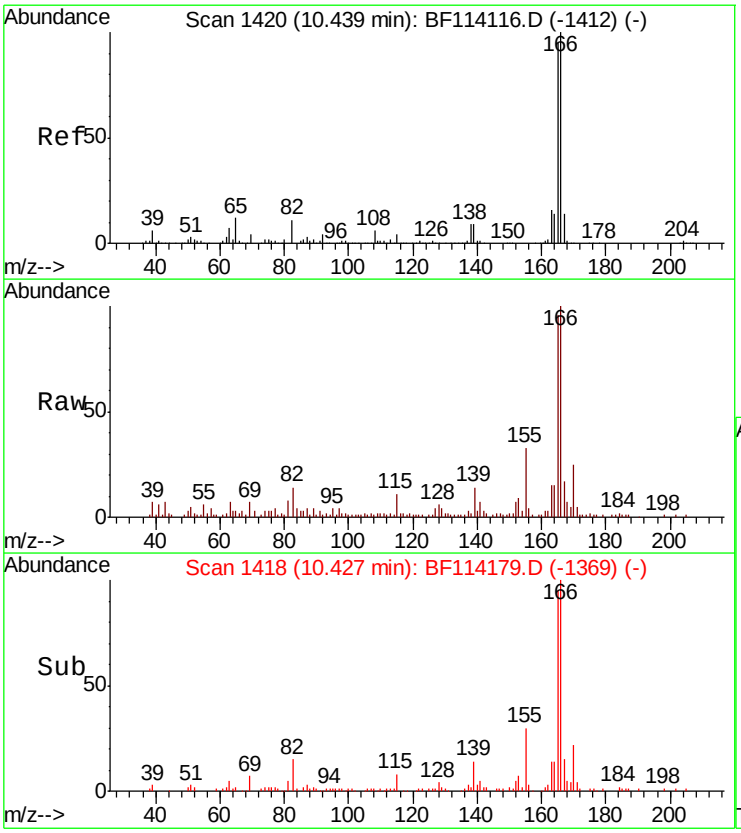
#54
2,4-Dinitrophenol
Concen: 6.798 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.10 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:184 Resp: 238

Ion	Ratio	Lower	Upper
184	100		
63	404.8	55.6	83.4#
154	406.5	46.0	69.0#

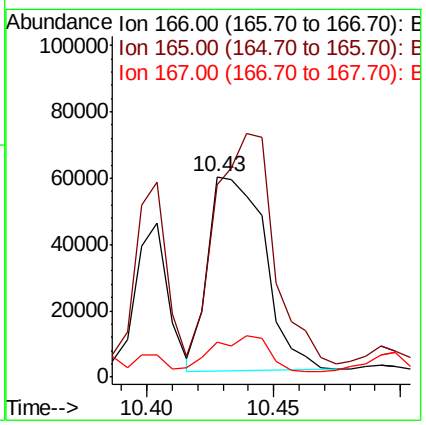


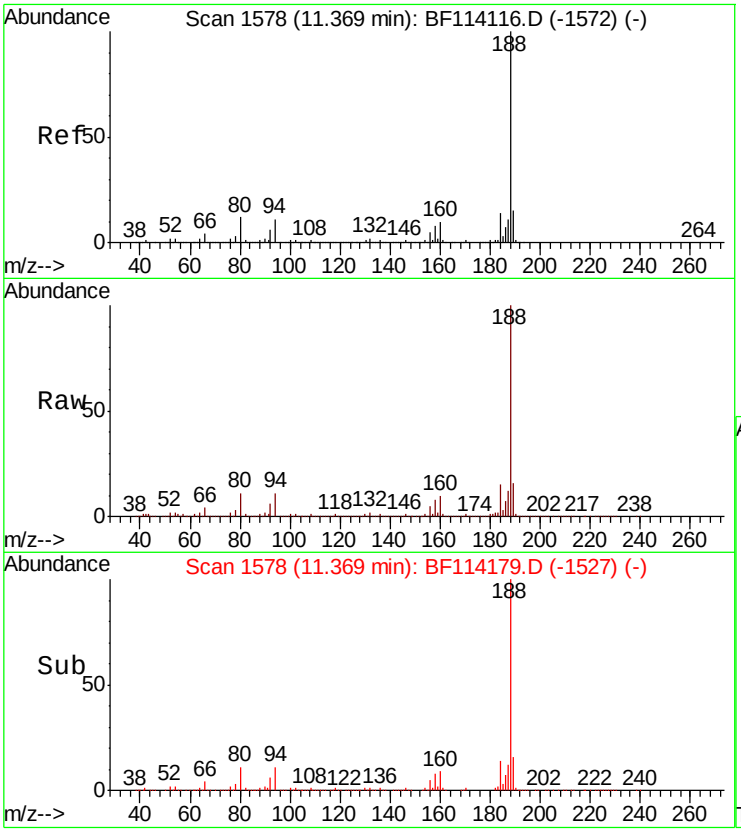


#58
Fluorene
Concen: 2.622 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion:166 Resp: 91728

Ion	Ratio	Lower	Upper
166	100		
165	96.3	76.1	114.1
167	17.4	11.1	16.7#



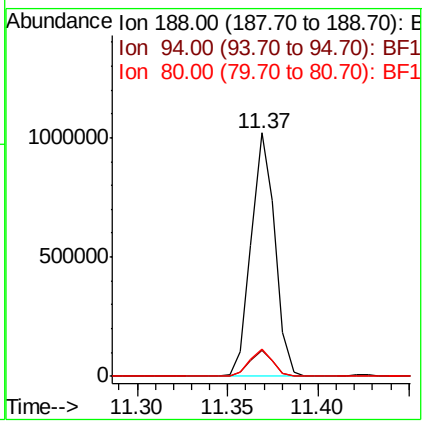


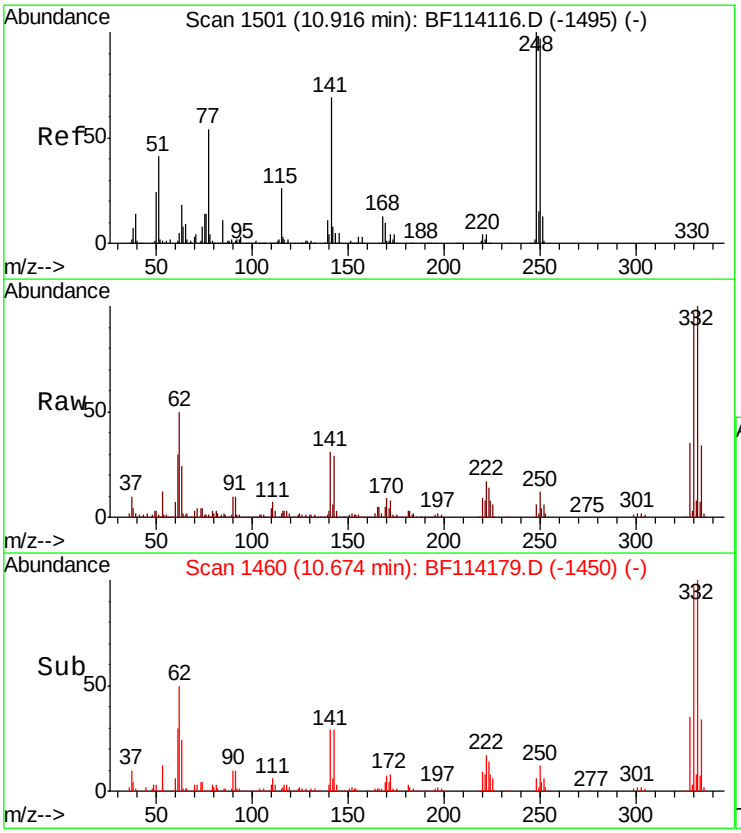
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:188 Resp: 926076

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.4	12.6
80	11.3	9.2	13.8

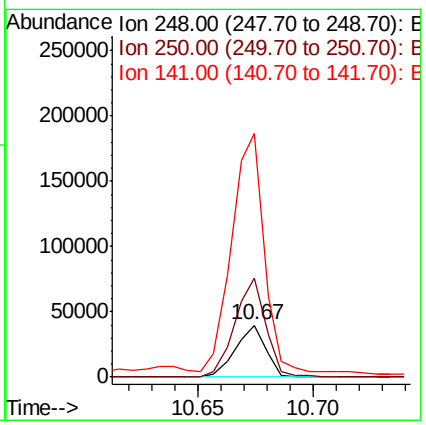


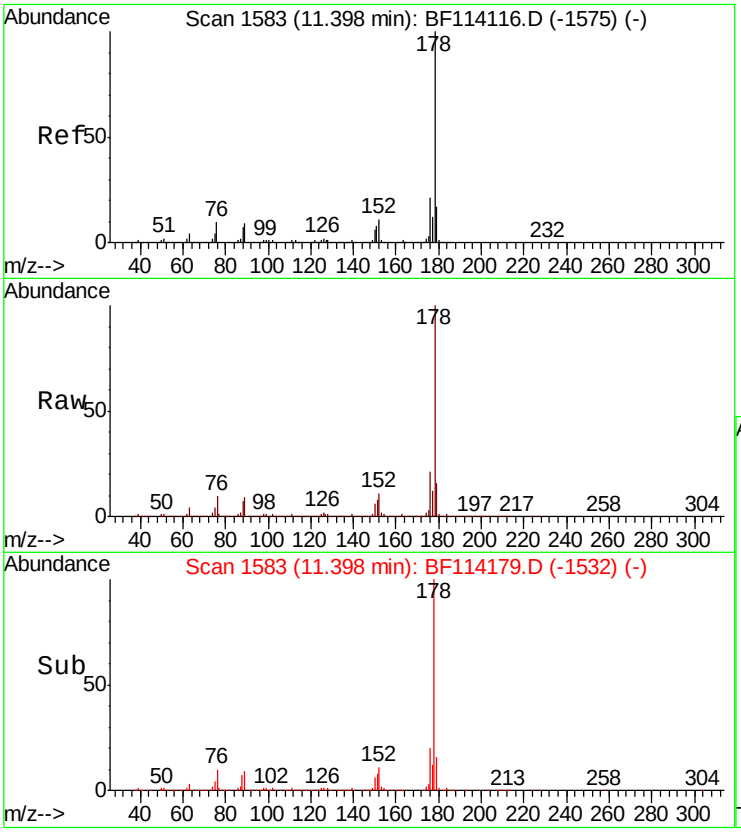


#67
4-Bromophenyl-phenylether
Concen: 3.527 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion:248 Resp: 35964

Ion	Ratio	Lower	Upper
248	100		
250	192.7	77.4	116.2#
141	471.1	55.6	83.4#



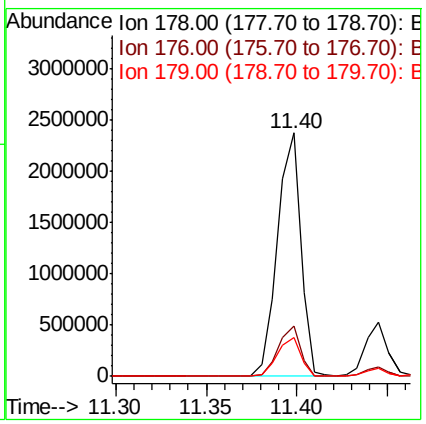


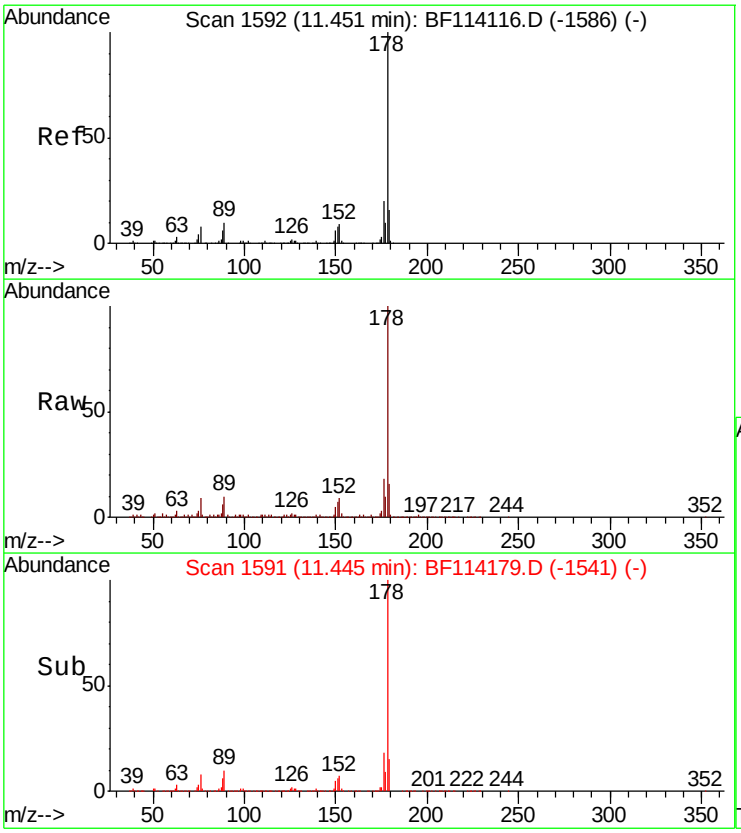
#71
Phenanthrene
Concen: 47.309 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:178 Resp: 2131484

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.4	24.6
179	16.0	13.2	19.8

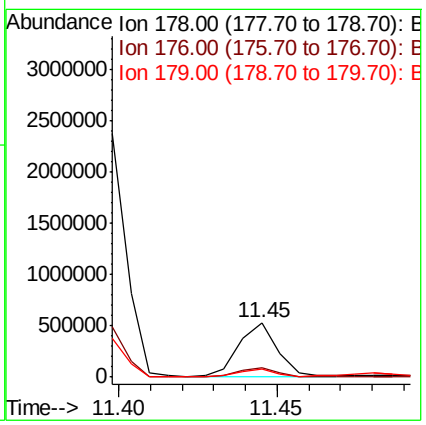


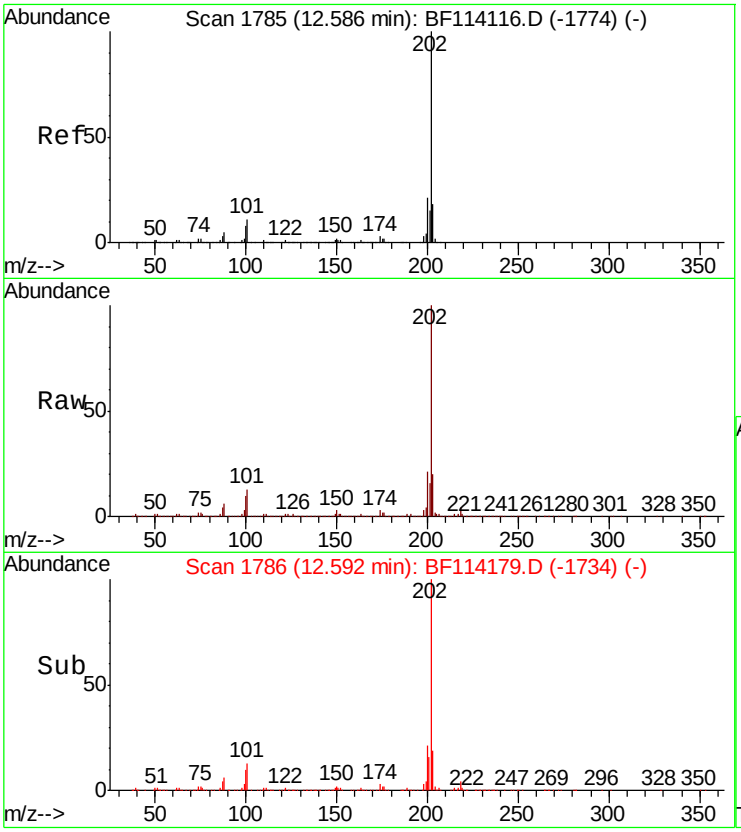


#72
Anthracene
Concen: 9.584 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion:178 Resp: 433700

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



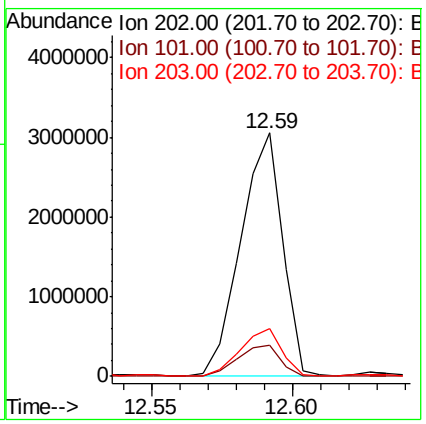


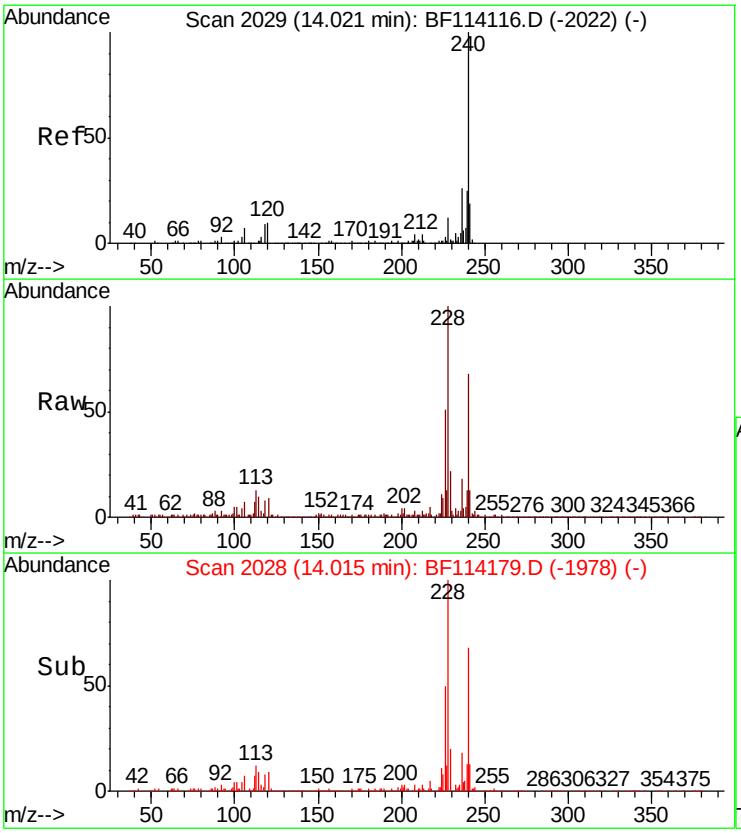
#75
Fluoranthene
Concen: 64.364 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:202 Resp: 3122839

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.0
203	19.5	0.0	38.4

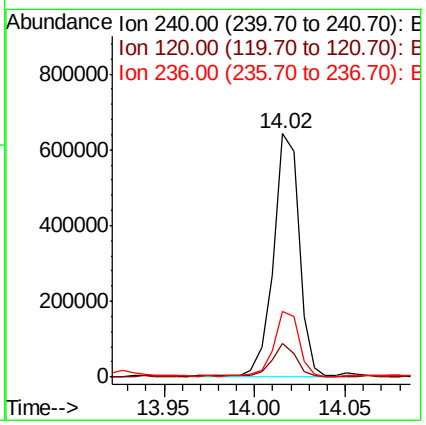


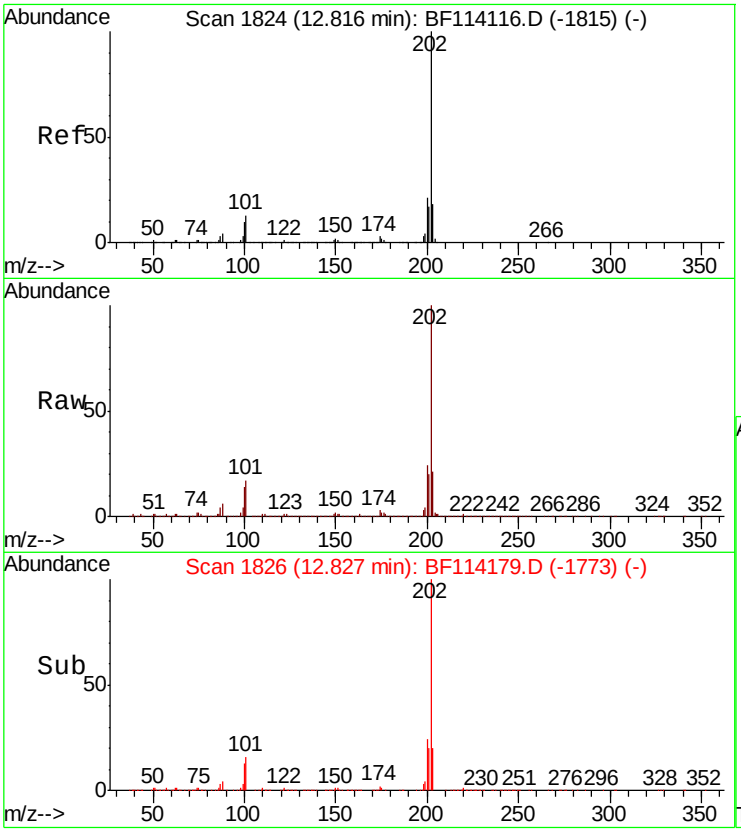


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion:240 Resp: 628611

Ion	Ratio	Lower	Upper
240	100		
120	14.0	8.3	12.5#
236	26.8	20.8	31.2



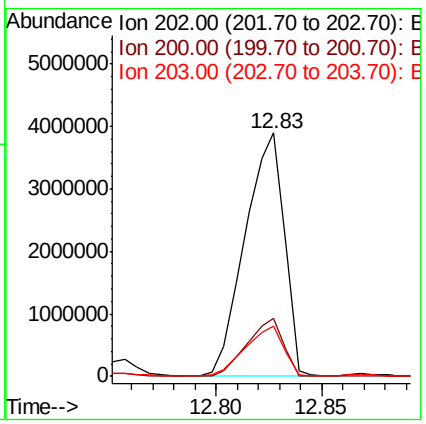


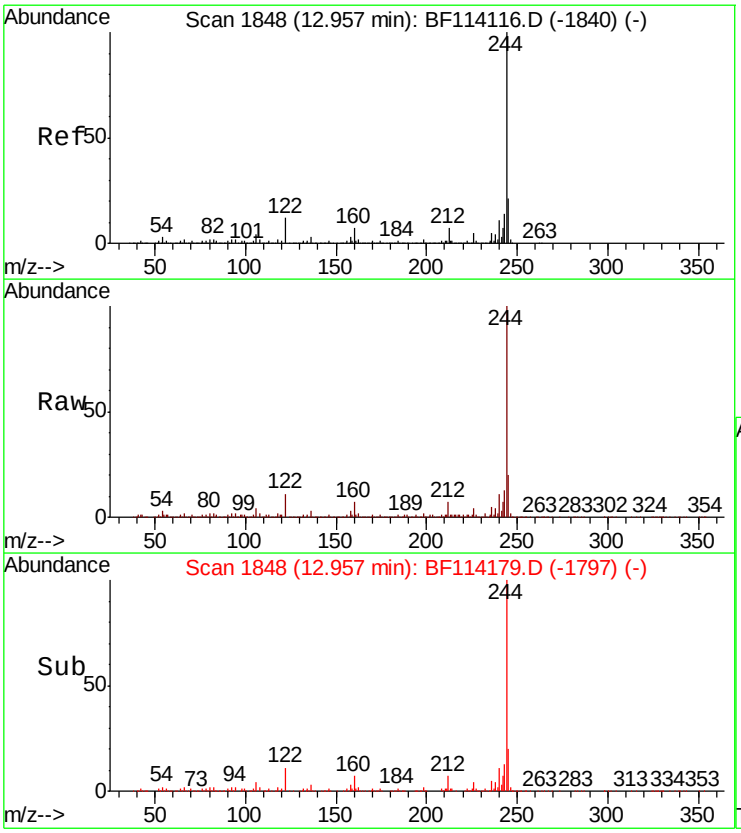
#78
Pyrene
Concen: 98.601 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:202 Resp: 4986141

Ion	Ratio	Lower	Upper
202	100		
200	23.6	16.9	25.3
203	20.5	14.5	21.7

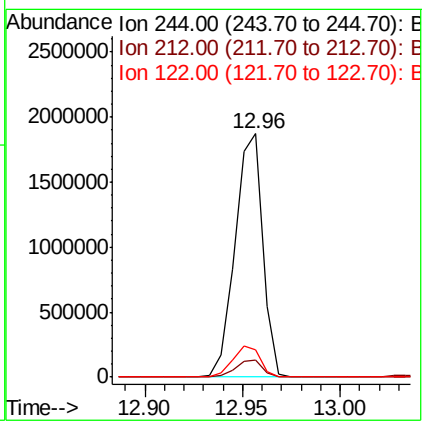


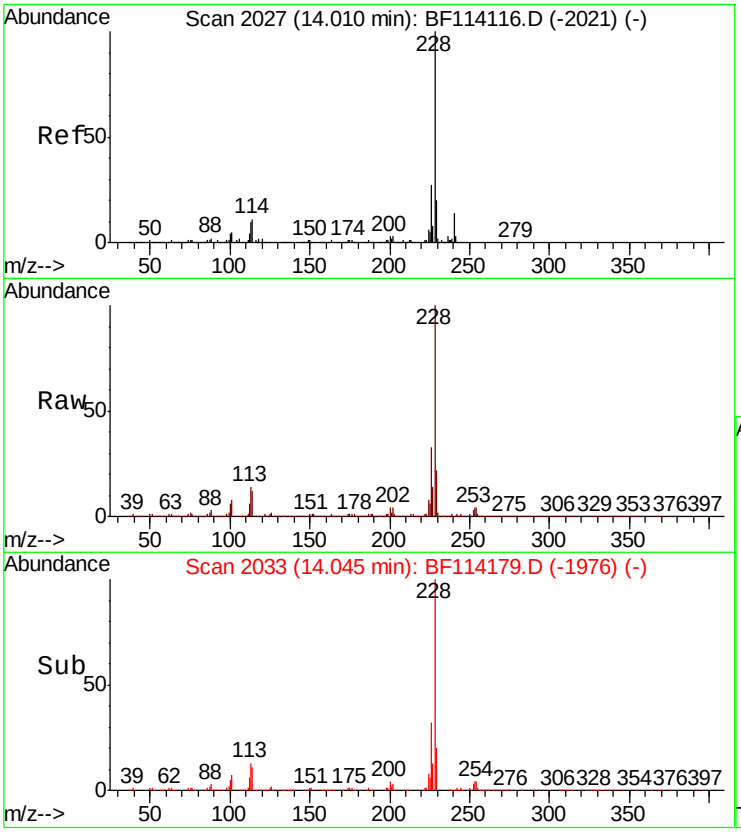


#79
Terphenyl-d14
Concen: 59.976 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion:244 Resp: 1828887

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	11.4	9.4	14.2



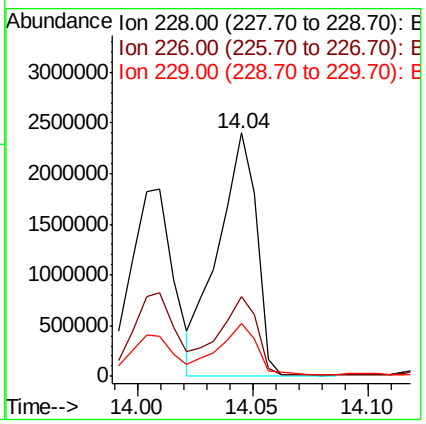


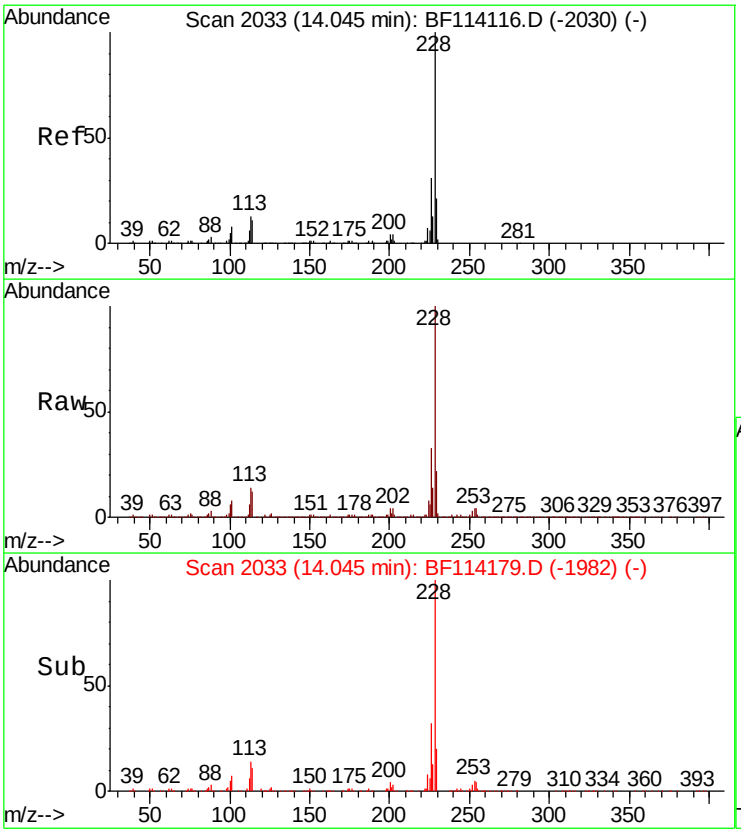
#81
Benzo(a)anthracene
Concen: 68.306 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.04 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:228 Resp: 2777195

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.2	33.2
229	21.7	16.4	24.6

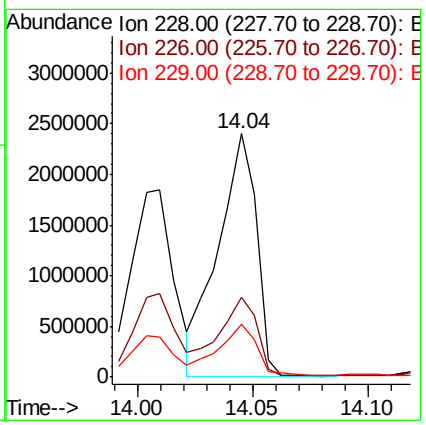


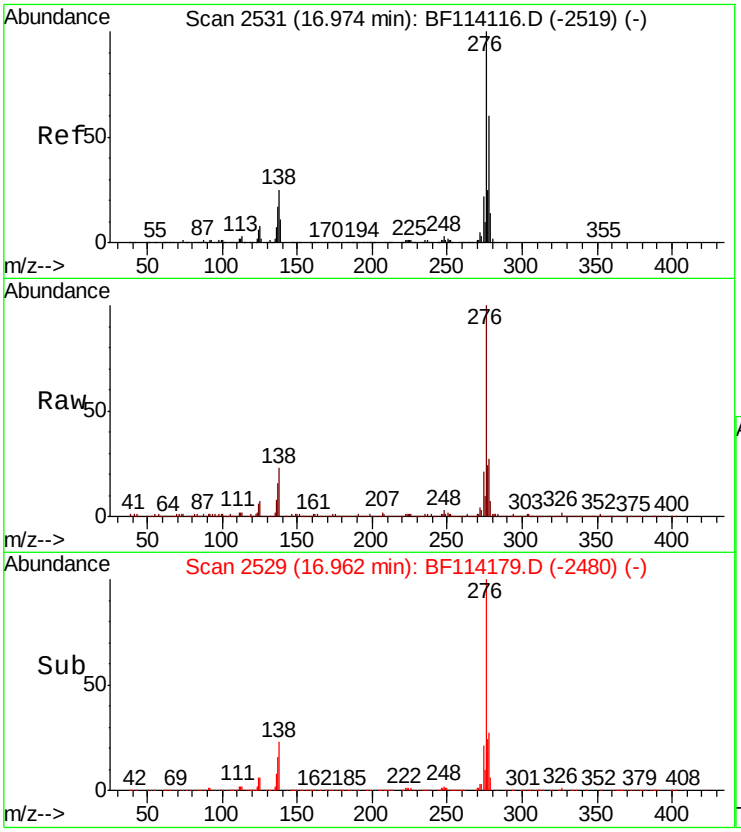


#83
Chrysene
Concen: 69.680 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion:228 Resp: 2777195

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	21.7	17.0	25.6



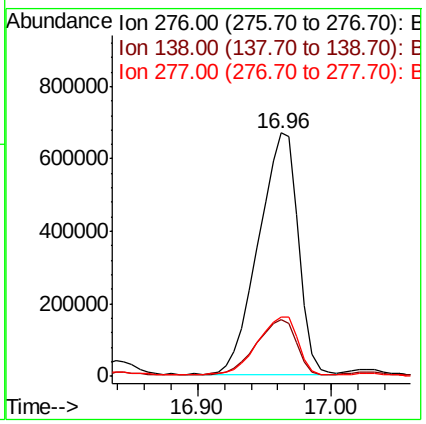


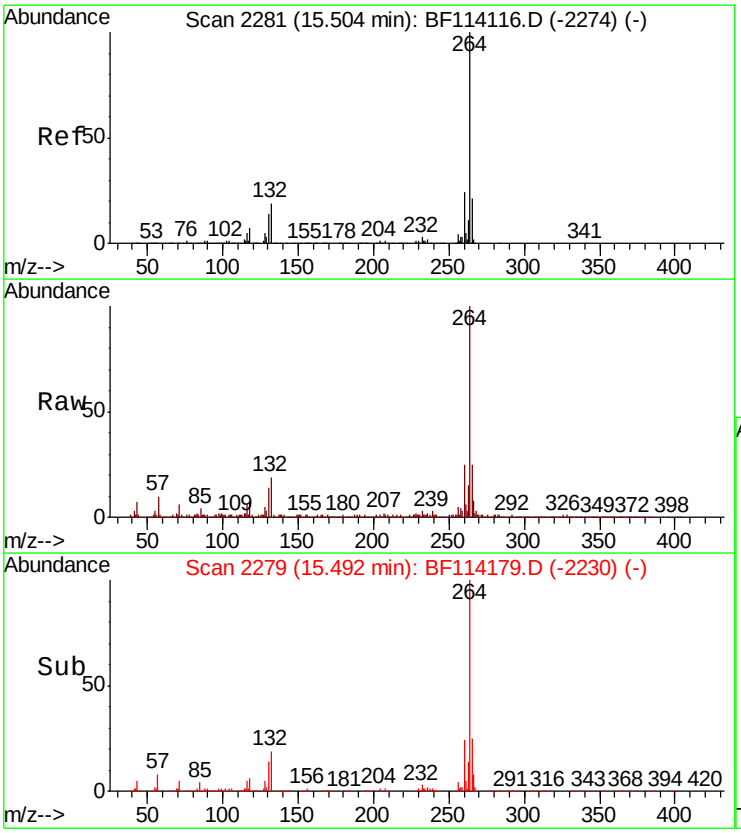
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.967 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:276 Resp: 1372587

Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.2	30.2
277	24.6	20.0	30.0

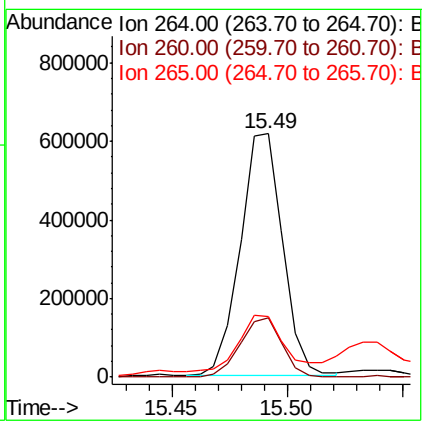


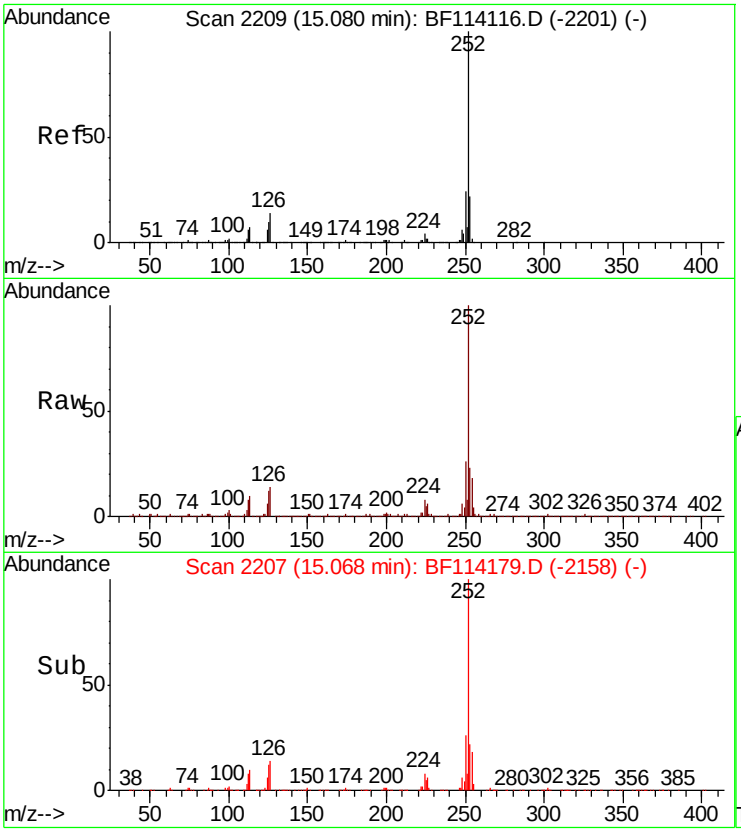


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion:264 Resp: 787168

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	25.0	16.9	25.3



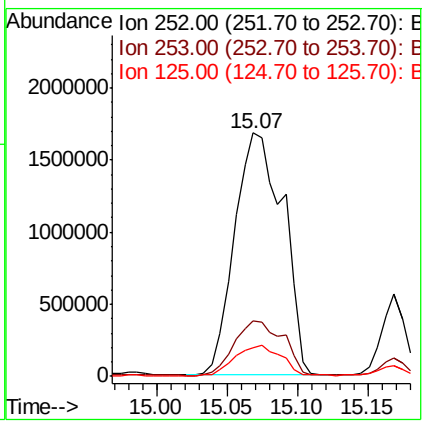


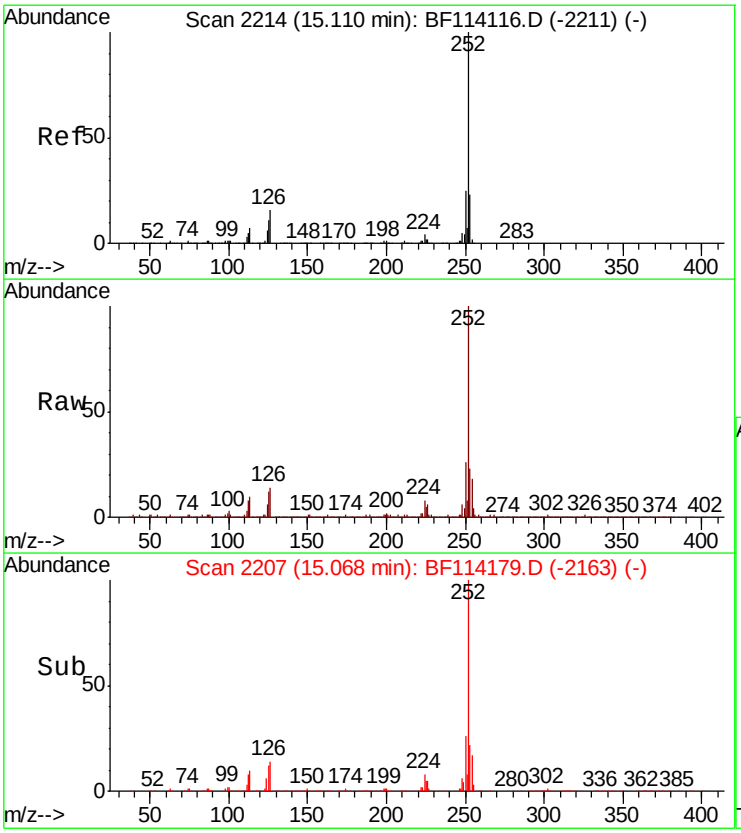
#88
Benzo(b)fluoranthene
Concen: 80.408 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:252 Resp: 4055002

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	11.9	8.3	12.5

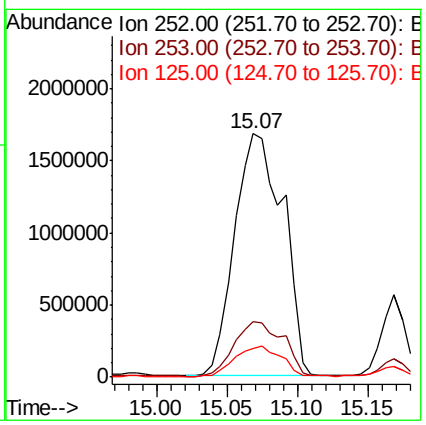


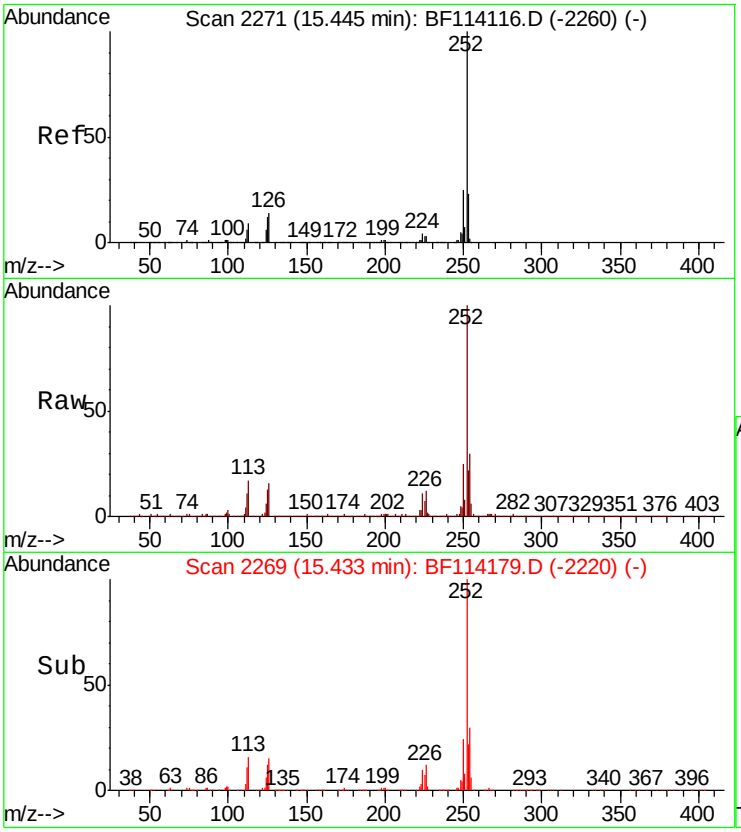


#89
Benzo(k)fluoranthene
Concen: 87.533 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion:252 Resp: 4055002

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.9	8.6	13.0



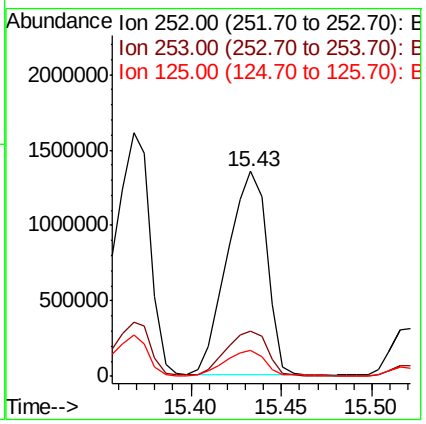


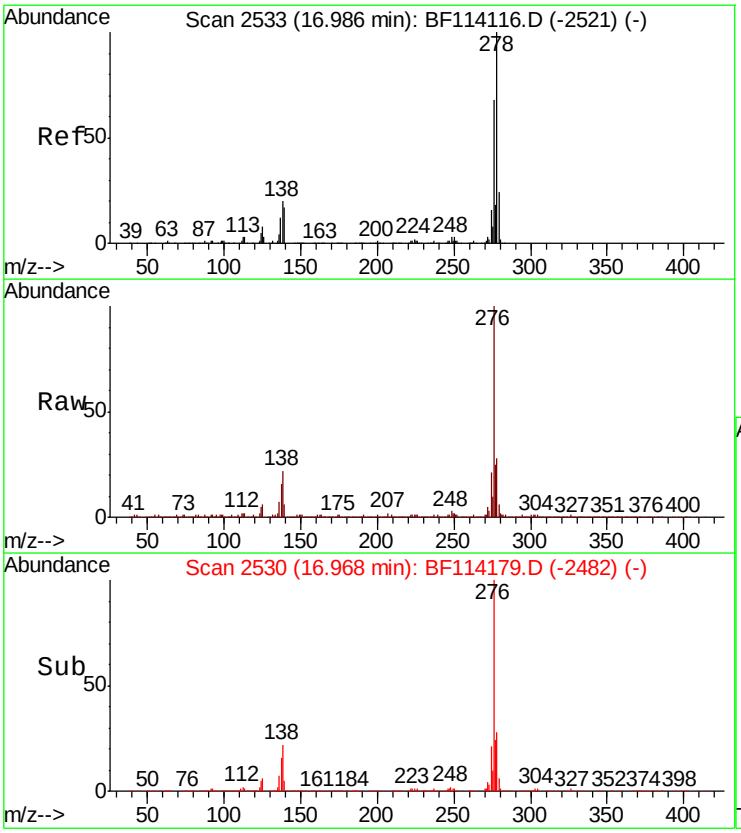
#90
Benzo(a)pyrene
Concen: 46.656 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:252 Resp: 2070742

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.6	9.5	14.3

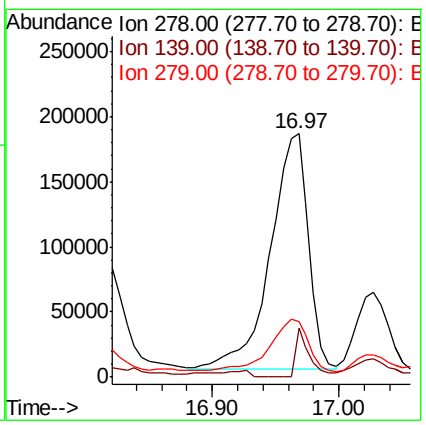


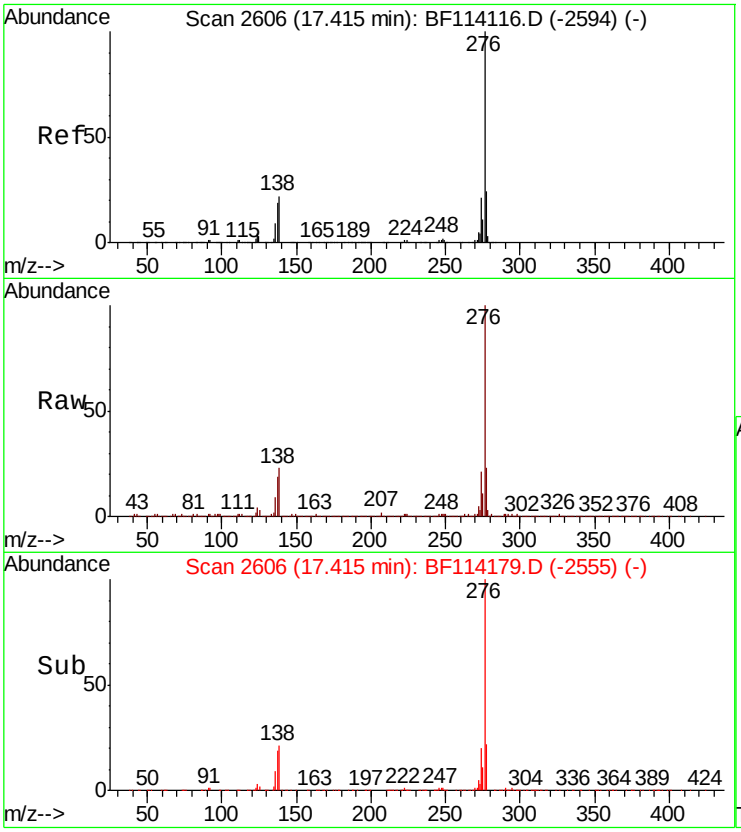


#91
Dibenzo(a,h)anthracene
Concen: 10.255 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Tgt Ion:278 Resp: 378193

Ion	Ratio	Lower	Upper
278	100		
139	19.9	13.5	20.3
279	22.9	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 40.692 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.00 min
Lab File: BF114179.D
Acq: 12 May 2019 3:04

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0206-01

Tgt Ion:276 Resp: 1503938

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	22.5	17.8	26.6