Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114168.D
Acq On : 11 May 2019 22:14
Operator : JU/SJ
Sample : K2765-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-1824-01

Quant Time: May 12 05:55:36 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	292292	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1098853	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	512982	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	1035778	20.00	ng		0.00
76) Chrysene-d12	14.00	240	596800	20.00	ng		-0.02
87) Perylene-d12	15.47	264	775507	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1905969	104.94	ng		0.00
7) Phenol-d6	6.49	99	2695726	125.49	ng		0.00
23) Nitrobenzene-d5	7.41	82	1650562	84.30	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	650034	122.57	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2558017	75.43	ng		0.00
79) Terphenyl-d14	12.95	244	2300810	79.47	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	222907	16.371	ng	#	75
25) Isophorone	7.41	82	1646942	45.353	ng	#	64
32) Benzoic acid	7.91	122	248	7.040	ng		92
49) Acenaphthylene	9.74	152	128990	2.543	ng		96
50) Dimethylphthalate	9.59	163	562372	14.934	ng		99
57) 2,4-Dinitrotoluene	9.88	165	67397	5.945	ng	#	25
67) 4-Bromophenyl-phenylether	10.67	248	42522	3.729	ng	#	1
71) Phenanthrene	11.39	178	641274	12.726	ng		97
75) Fluoranthene	12.58	202	914404	16.851	ng		98
78) Pyrene	12.81	202	1534247	31.957	ng		99
81) Benzo(a)anthracene	14.03	228	542852	14.063	ng		97
83) Chrysene	14.03	228	542852	14.346	ng		97
86) Indeno(1,2,3-cd)pyrene	16.92	276	331457	9.911	ng		96
88) Benzo(b)fluoranthene	15.04	252	757549	15.248	ng	#	98
89) Benzo(k)fluoranthene	15.04	252	757549	16.599	ng		97
90) Benzo(a)pyrene	15.40	252	392905	8.986	ng		98
92) Benzo(g,h,i)perylene	17.36	276	398438	10.942	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 : BF114168.D
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Sample : K2765-02
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Instrument :
BNA_F
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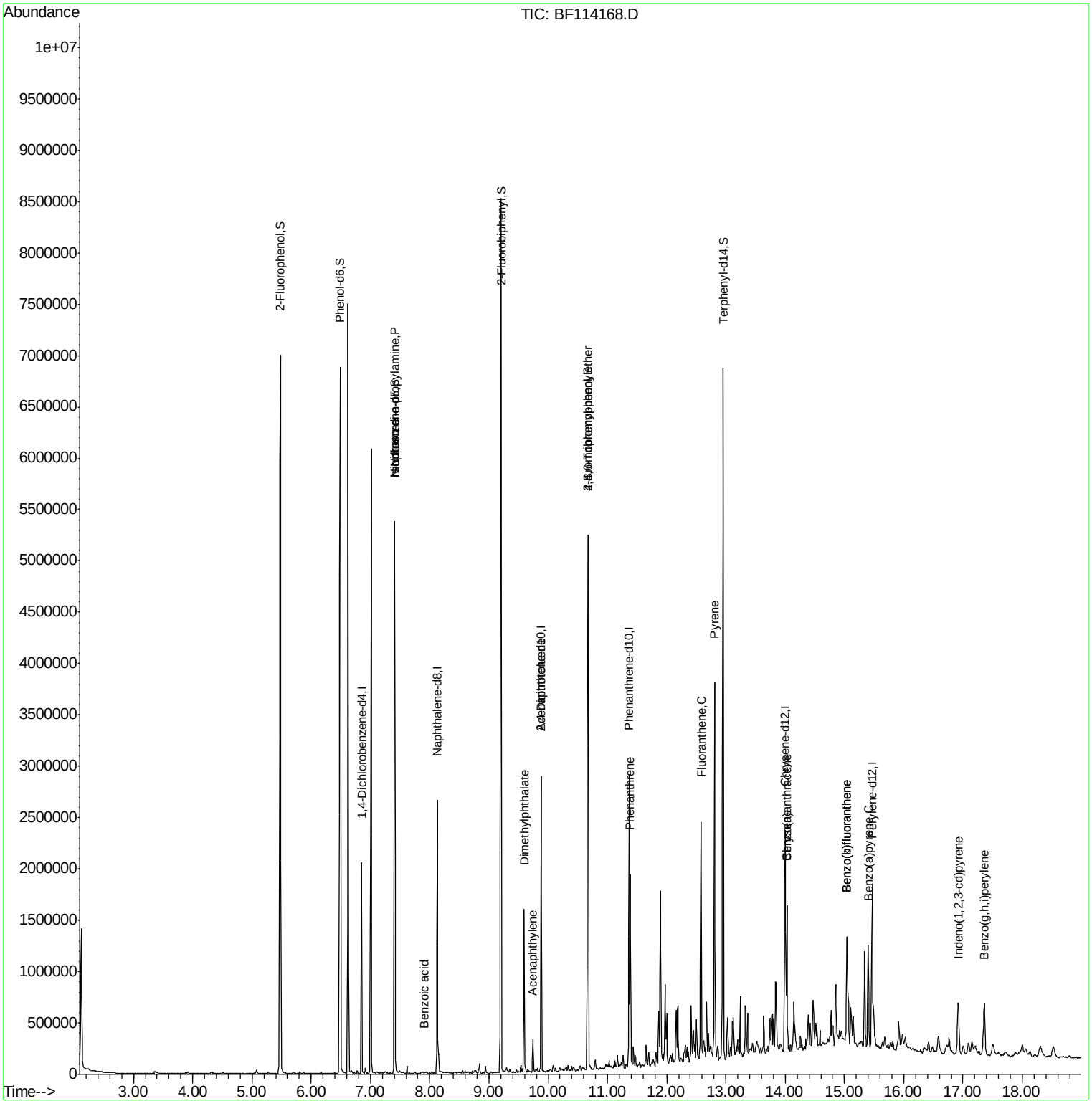
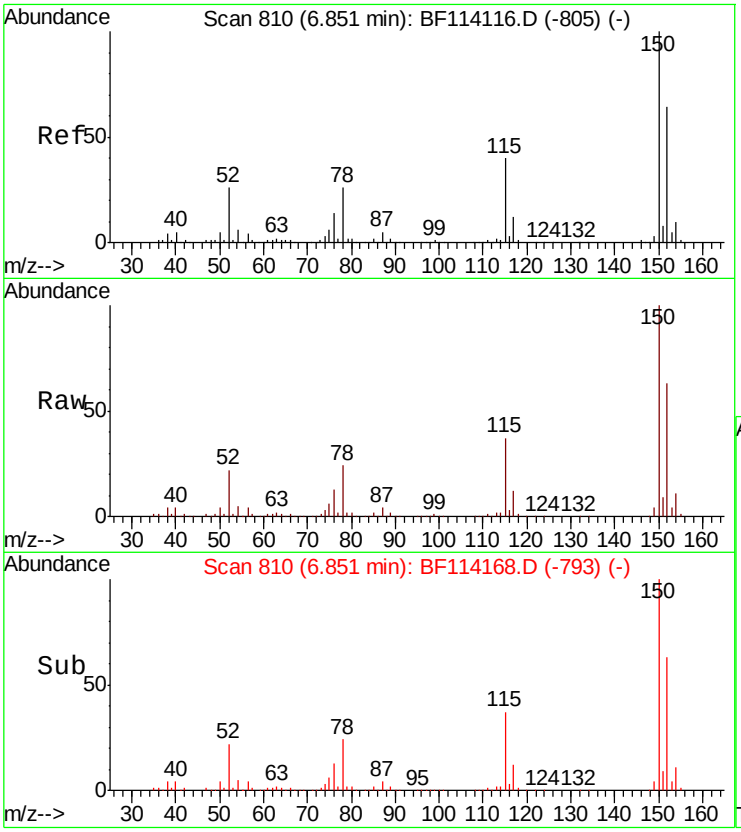
P026-SS002-1824-01

Quant Time: May 12 05:55:36 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



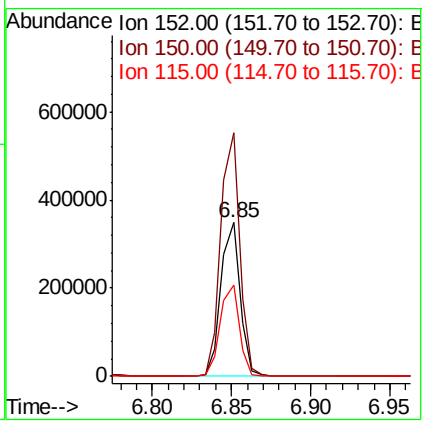


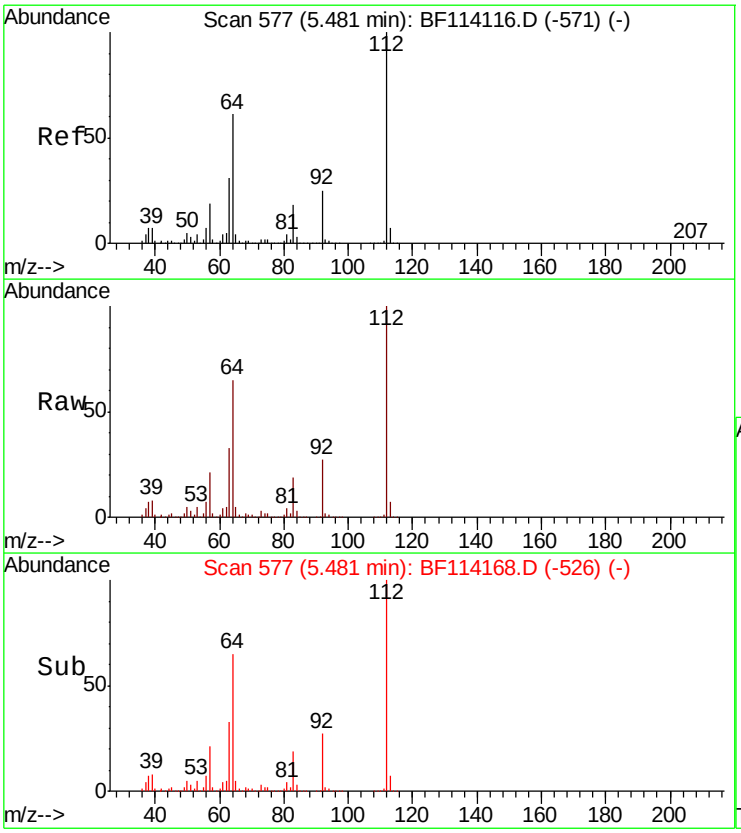
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1824-01

Tgt Ion:152 Resp: 292292

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.3	186.5
115	59.1	49.1	73.7

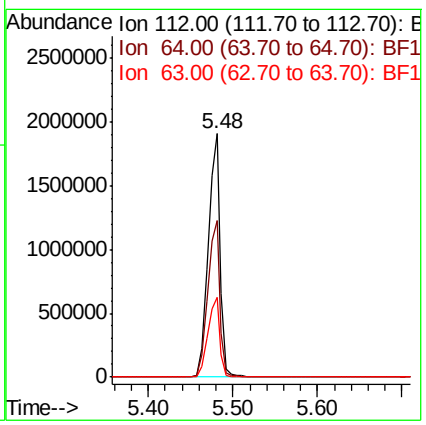


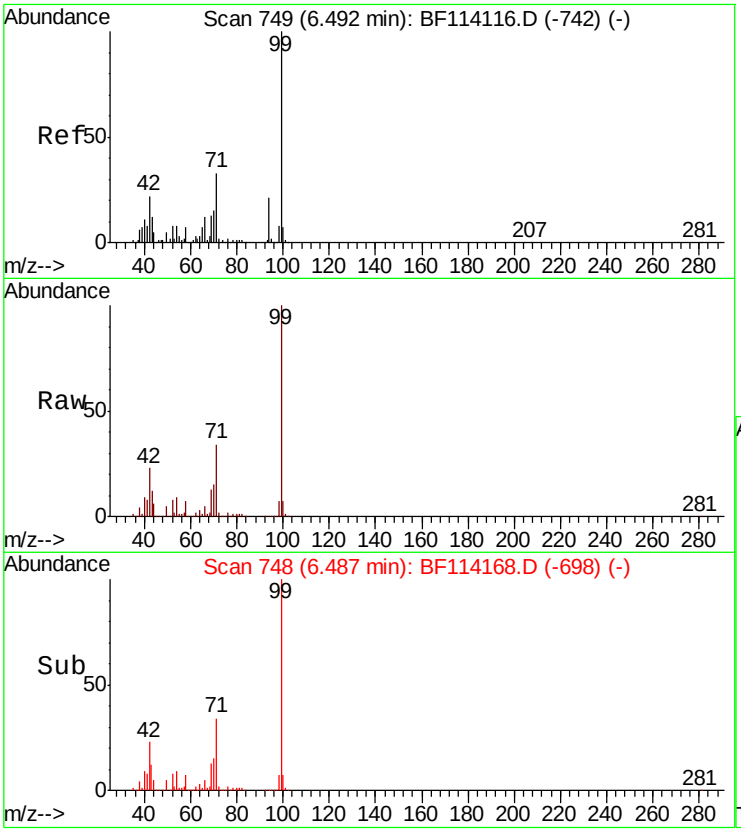


#5
2-Fluorophenol
Concen: 104.936 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Tgt Ion:112 Resp: 1905969

Ion	Ratio	Lower	Upper
112	100		
64	64.5	49.0	73.6
63	32.8	24.6	37.0



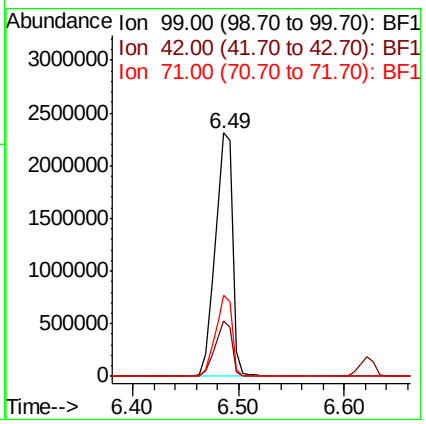


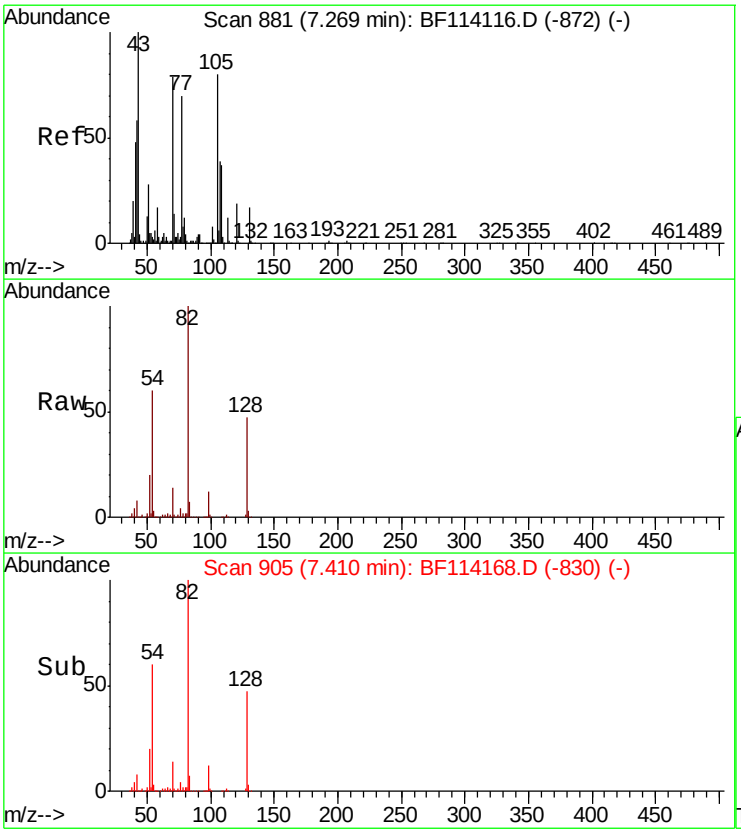
#7
Phenol-d6
Concen: 125.487 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1824-01

Tgt Ion: 99 Resp: 2695726

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.9	26.9
71	33.5	26.2	39.2

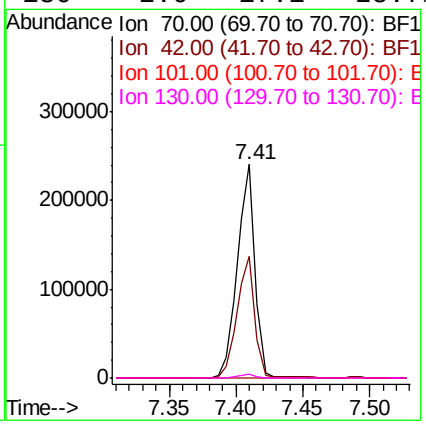


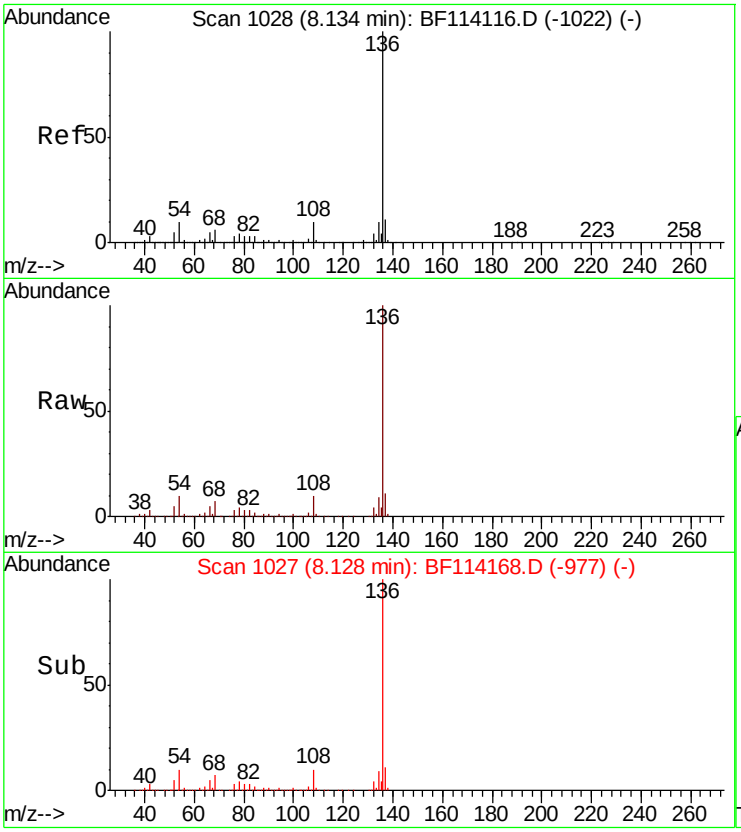


#19
n-Nitroso-di-n-propylamine
Concen: 16.371 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Tgt Ion: 70 Resp: 222907

Ion	Ratio	Lower	Upper
70	100		
42	56.8	58.6	87.8#
101	0.0	7.8	11.8#
130	2.0	17.1	25.7#



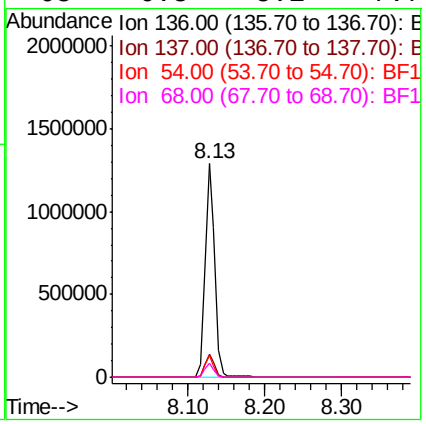


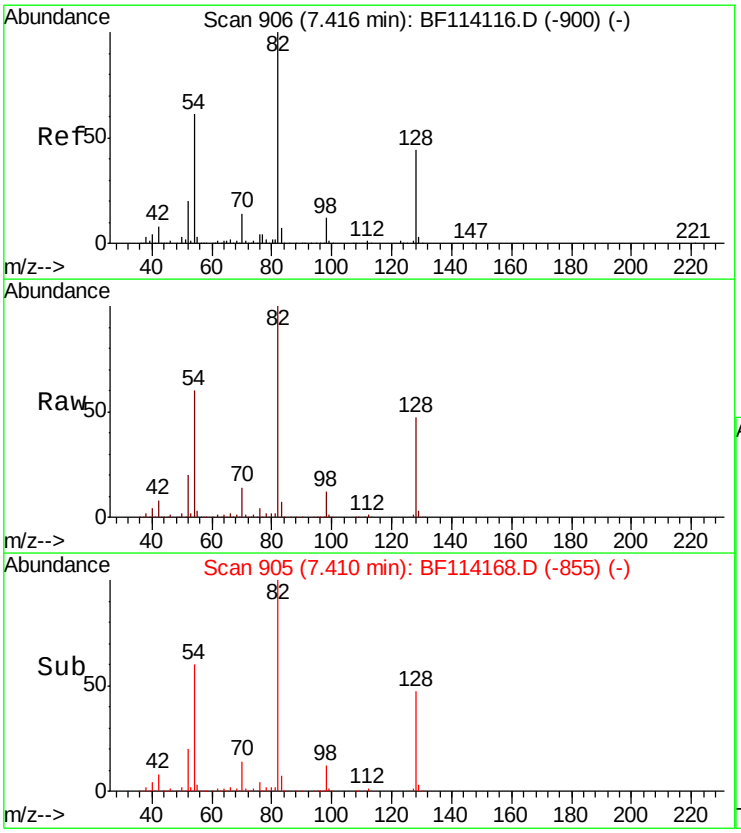
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1824-01

Tgt Ion:136 Resp: 1098853

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.1	7.8	11.8
68	6.8	5.1	7.7

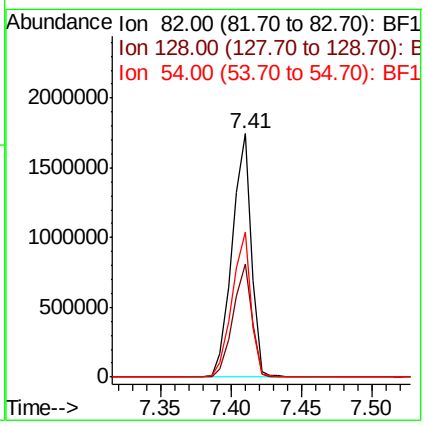


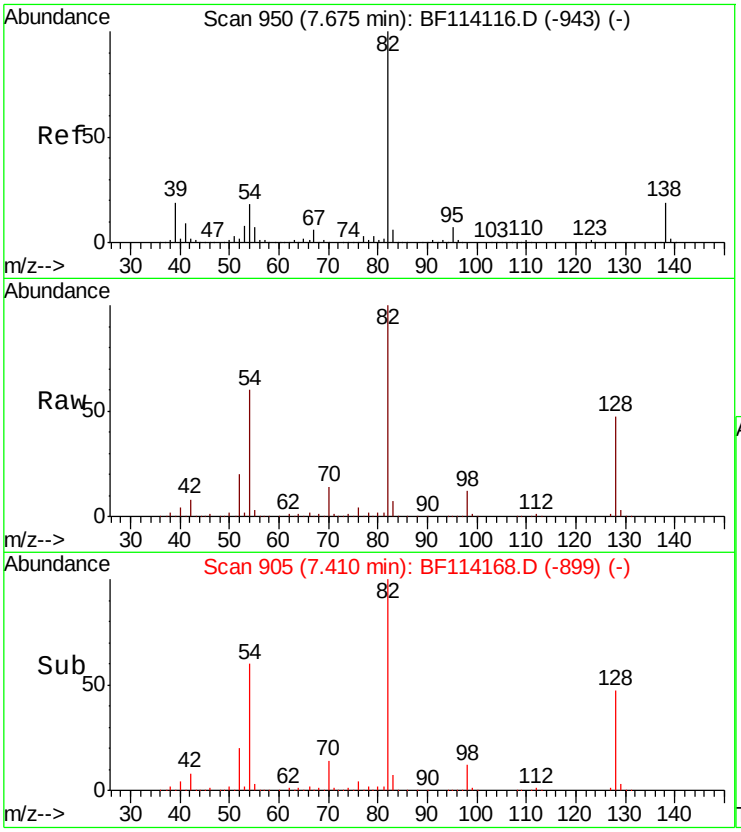


#23
Nitrobenzene-d5
Concen: 84.297 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Tgt Ion: 82 Resp: 1650562

Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.5	53.3
54	59.6	48.5	72.7



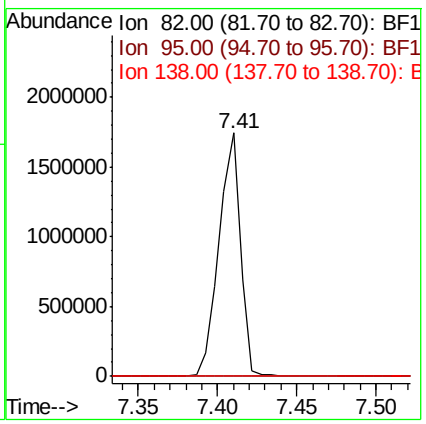


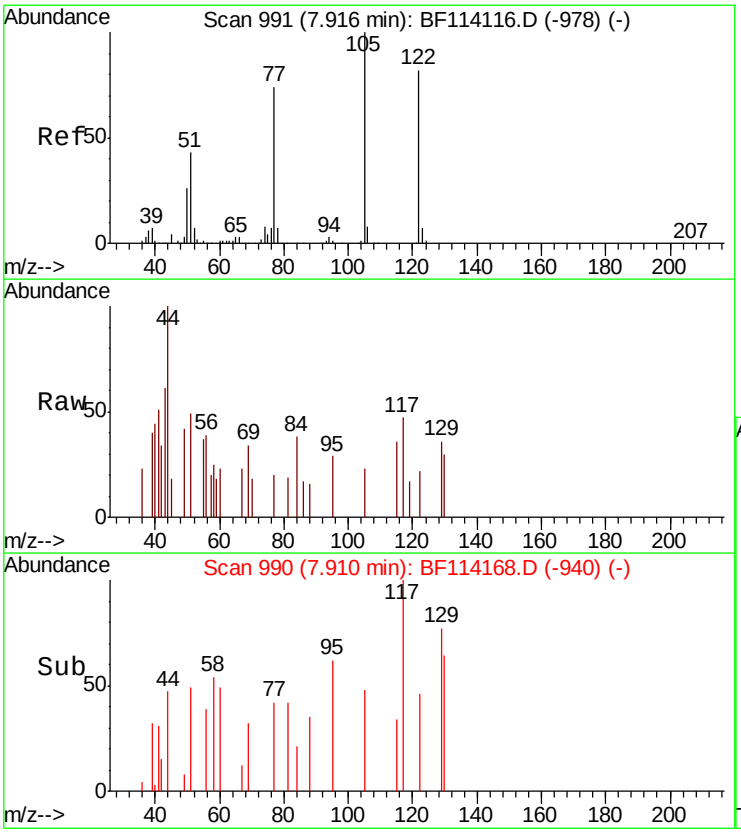
#25
Isophorone
Concen: 45.353 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1824-01

Tgt Ion: 82 Resp: 1646942

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

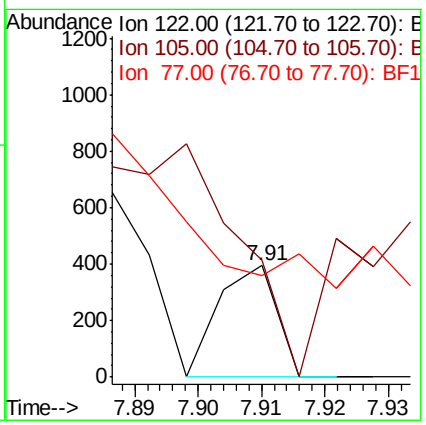


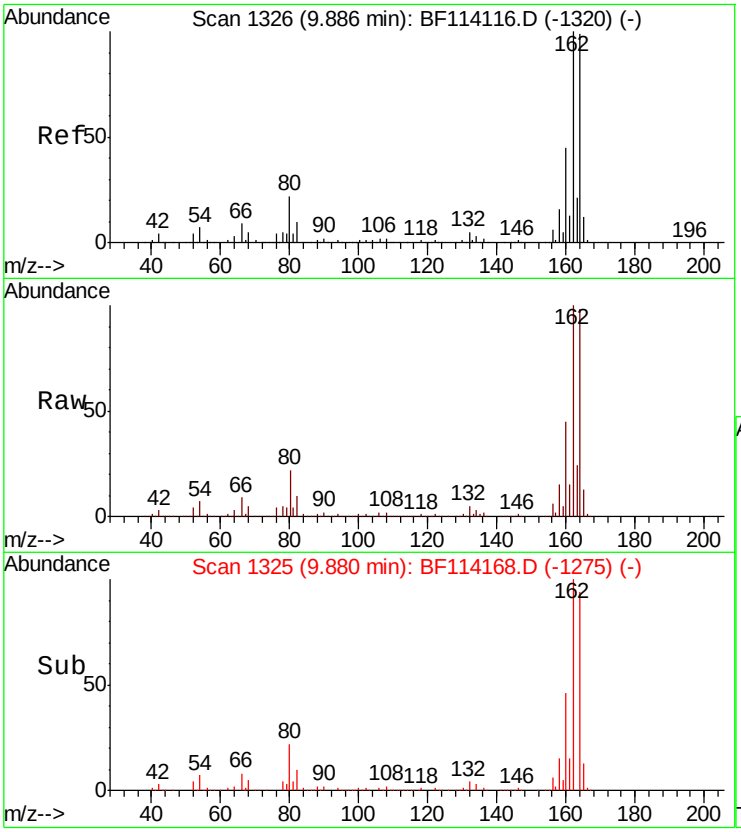


#32
Benzoic acid
Concen: 7.040 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Tgt Ion:122 Resp: 248

Ion	Ratio	Lower	Upper
122	100		
105	105.1	99.9	139.9
77	90.9	69.4	109.4



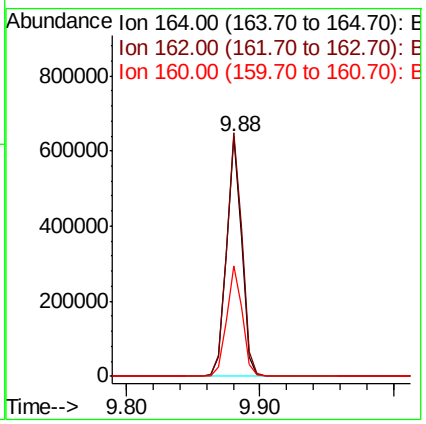


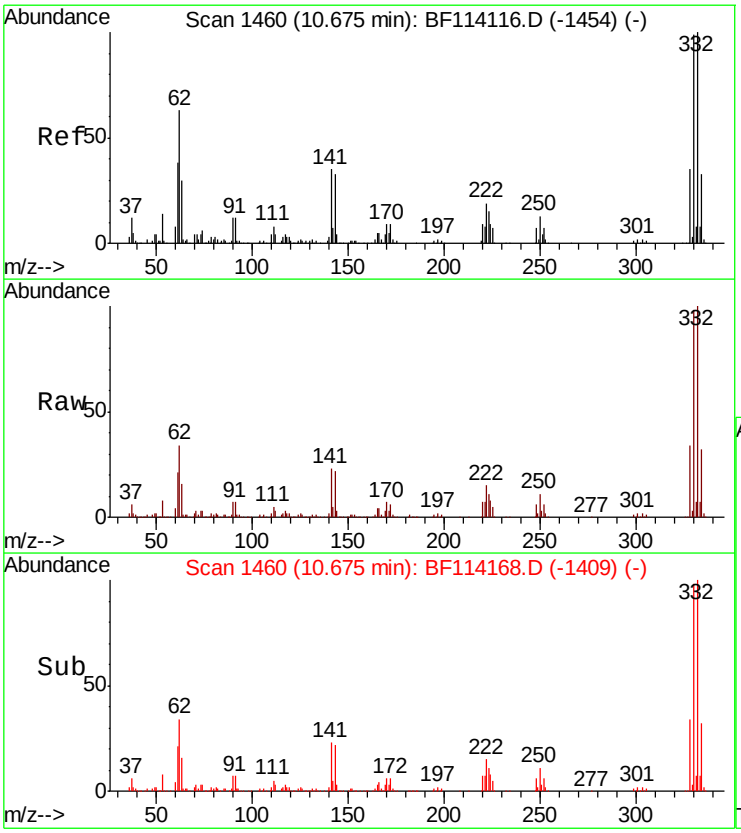
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1824-01

Tgt Ion:164 Resp: 512982

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	46.0	36.5	54.7

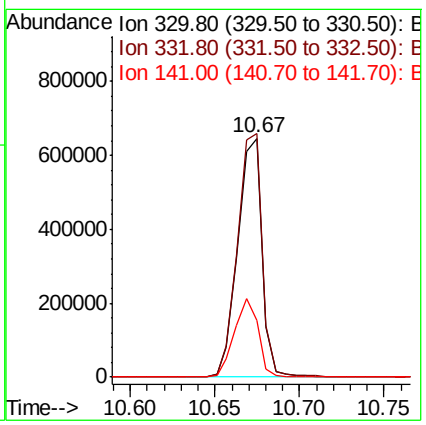


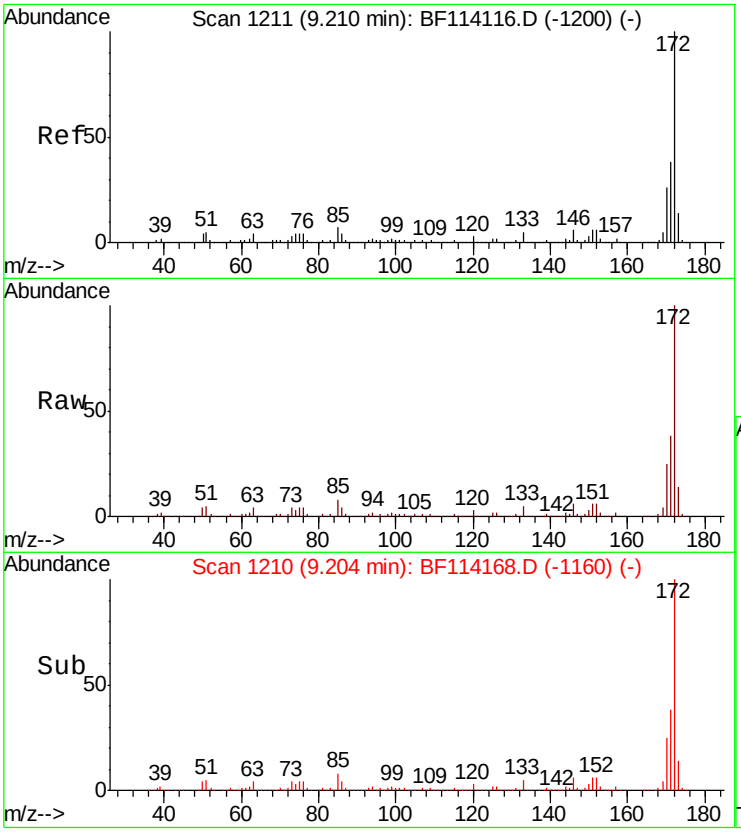


#42
2,4,6-Tribromophenol
Concen: 122.570 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Tgt Ion:330 Resp: 650034

Ion	Ratio	Lower	Upper
330	100		
332	103.8	81.4	122.2
141	32.4	26.6	40.0



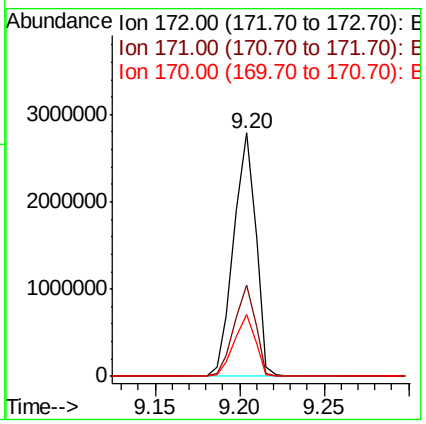


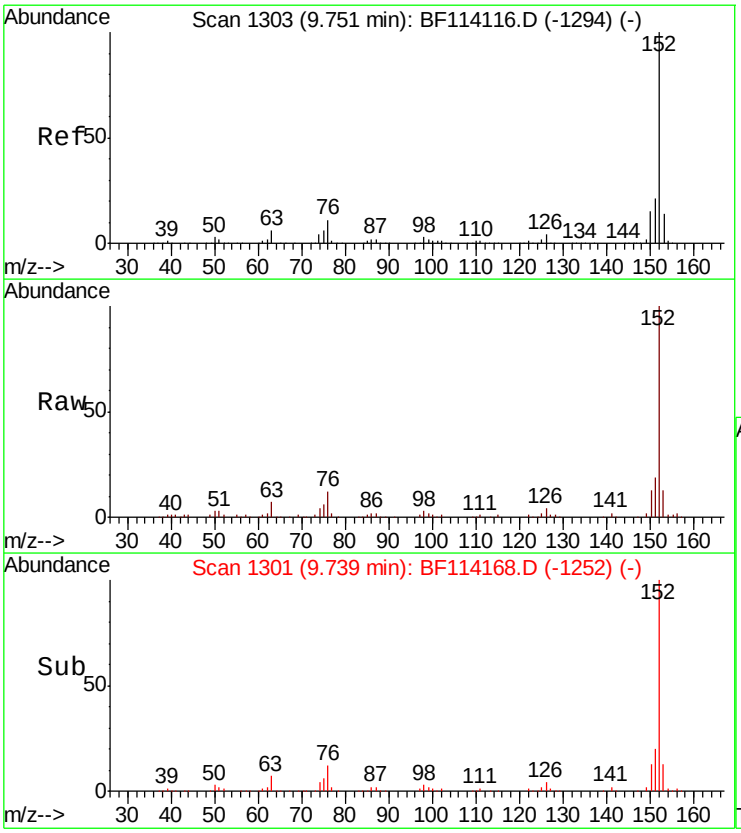
#45
2-Fluorobiphenyl
Concen: 75.430 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1824-01

Tgt Ion:172 Resp: 2558017

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.7	46.1
170	25.3	20.5	30.7

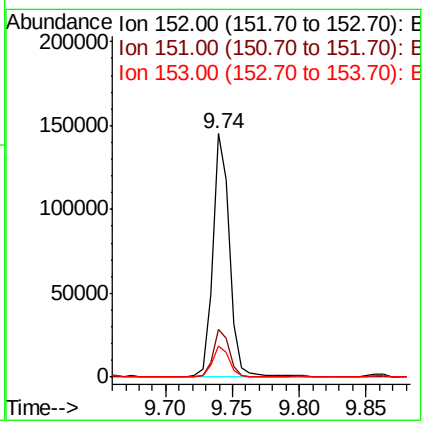


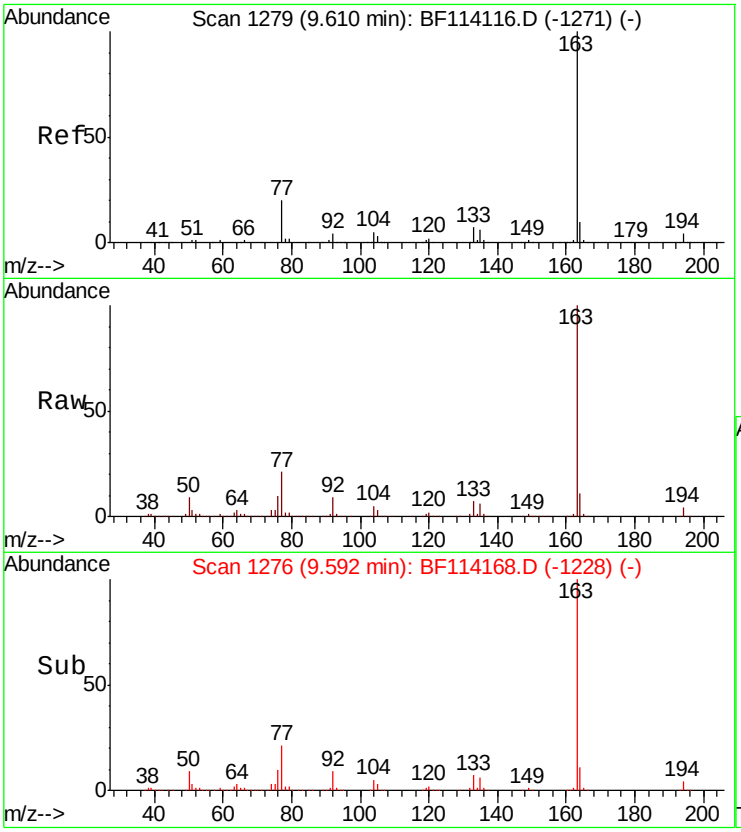


#49
Acenaphthylene
Concen: 2.543 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Tgt Ion:152 Resp: 128990

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	12.5	11.4	17.2



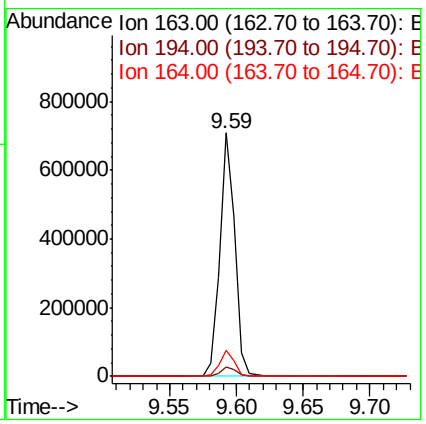


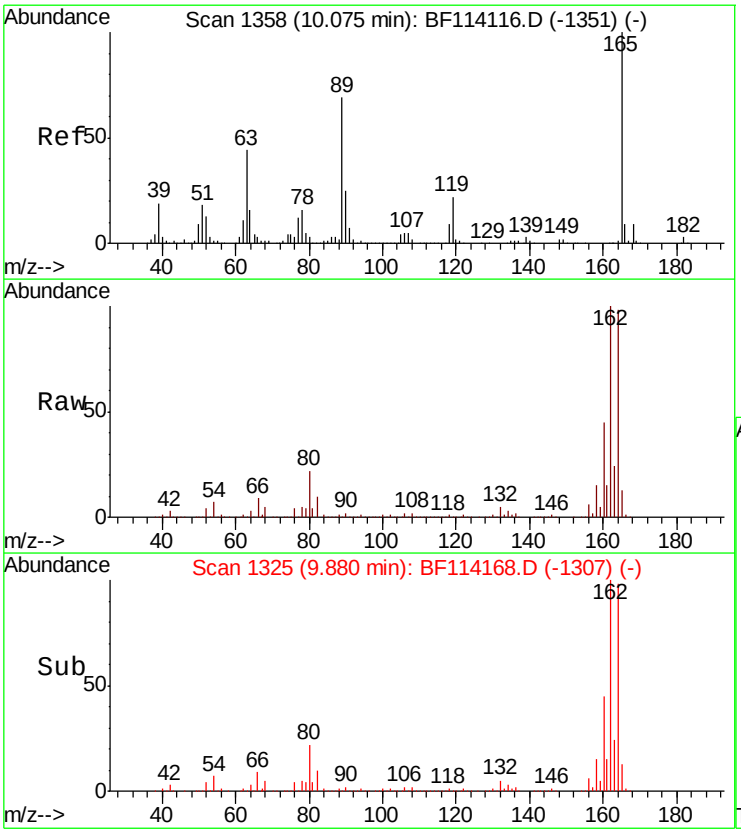
#50
Dimethylphthalate
Concen: 14.934 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1824-01

Tgt Ion:163 Resp: 562372

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.7	8.2	12.2

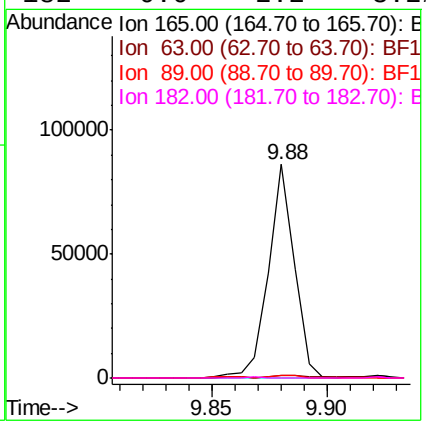


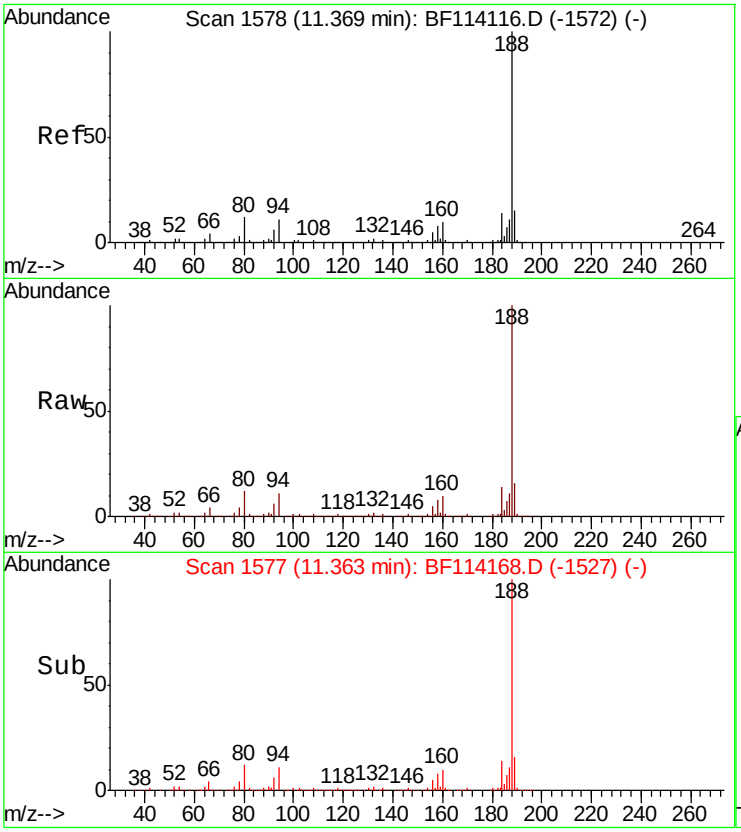


#57
2,4-Dinitrotoluene
Concen: 5.945 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Tgt Ion:165 Resp: 67397

Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.5	53.3#
89	1.5	55.2	82.8#
182	0.0	2.2	3.2#



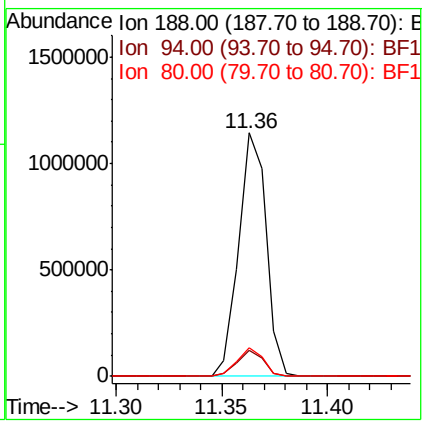


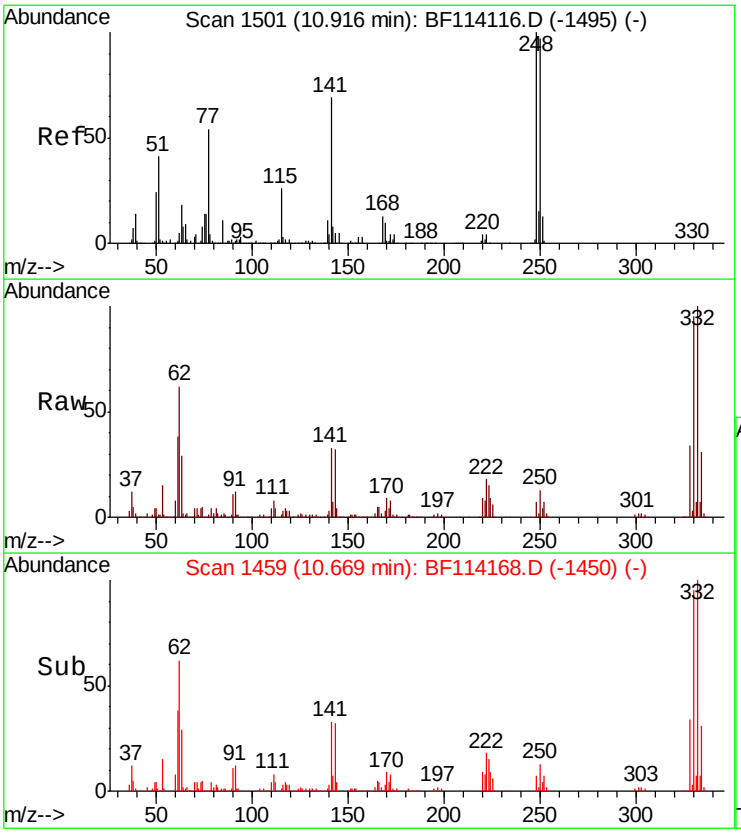
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1824-01

Tgt Ion:188 Resp: 1035778

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.4	12.6
80	11.8	9.2	13.8

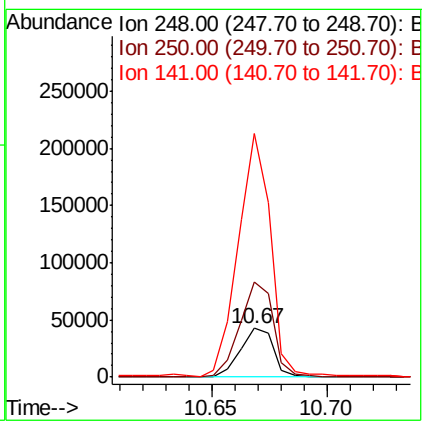


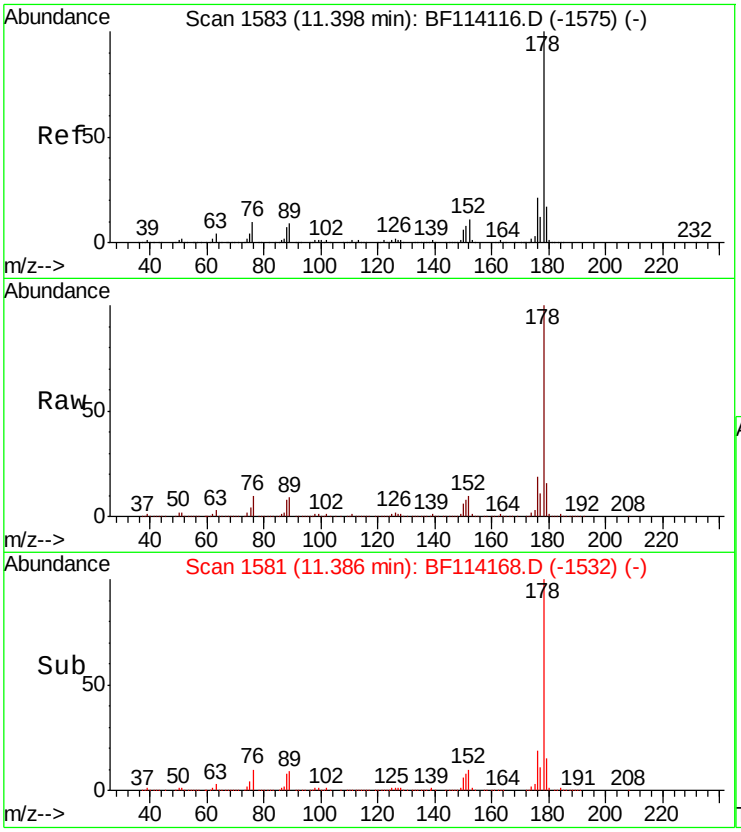


#67
4-Bromophenyl-phenylether
Concen: 3.729 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Tgt Ion:248 Resp: 42522

Ion	Ratio	Lower	Upper
248	100		
250	195.3	77.4	116.2#
141	496.8	55.6	83.4#



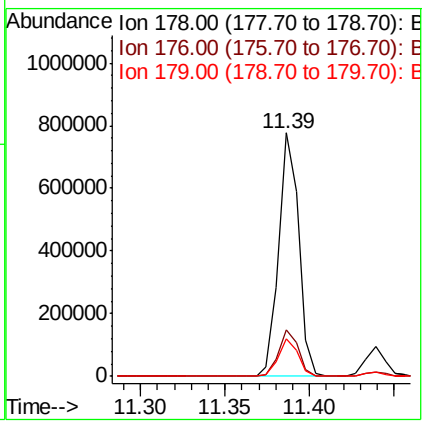


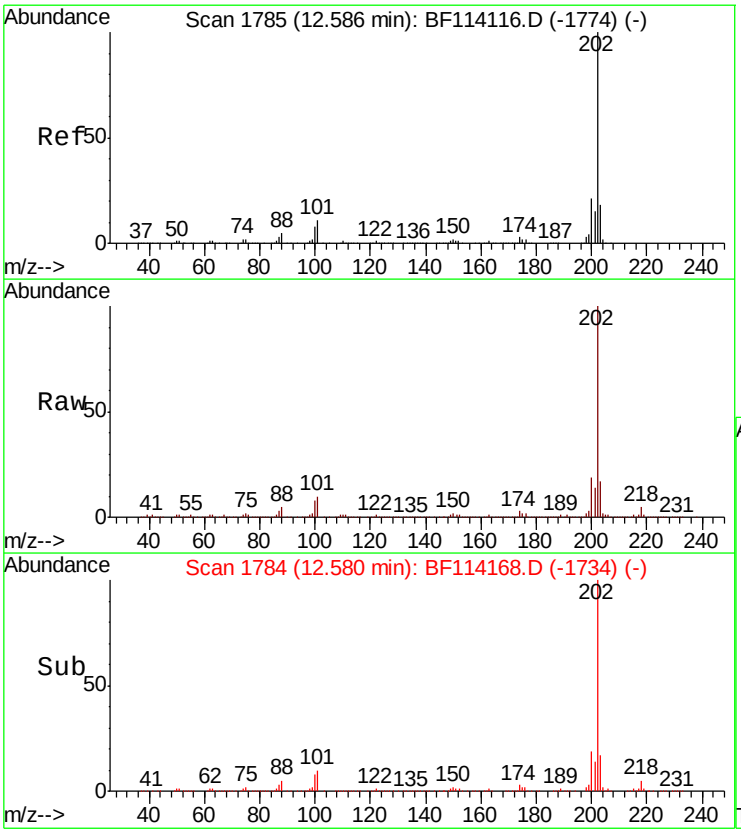
#71
Phenanthrene
Concen: 12.726 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1824-01

Tgt Ion:178 Resp: 641274

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.4	24.6
179	15.5	13.2	19.8

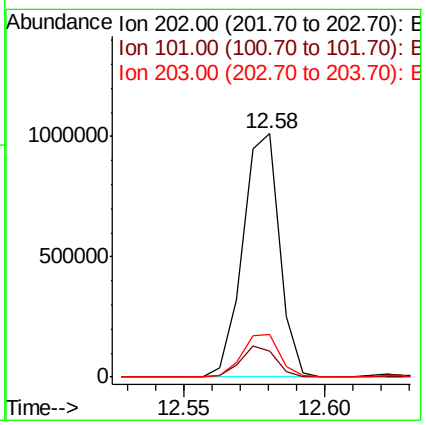


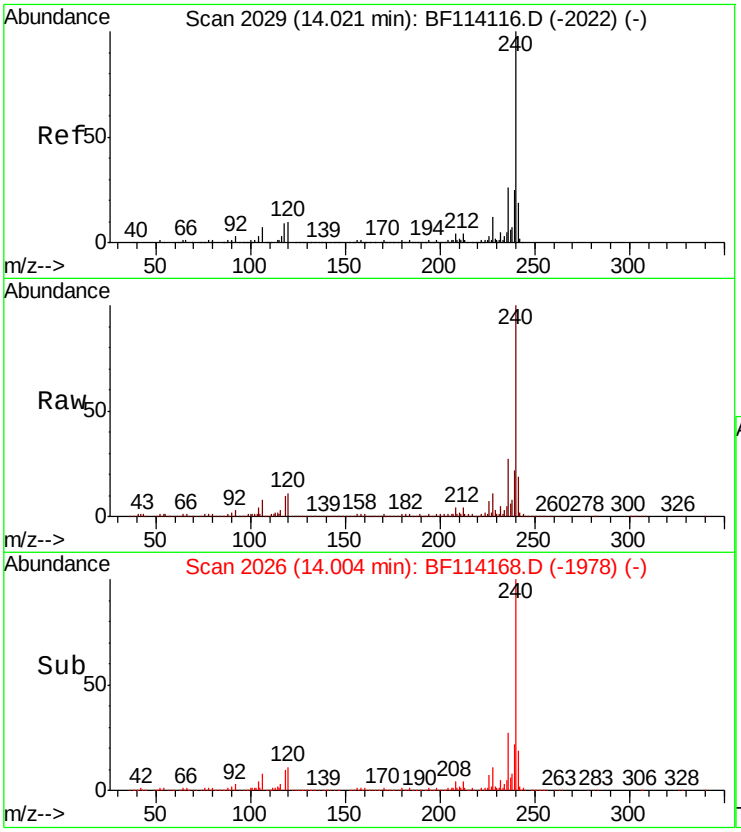


#75
Fluoranthene
Concen: 16.851 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Tgt Ion:202 Resp: 914404

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.0
203	17.5	0.0	38.4



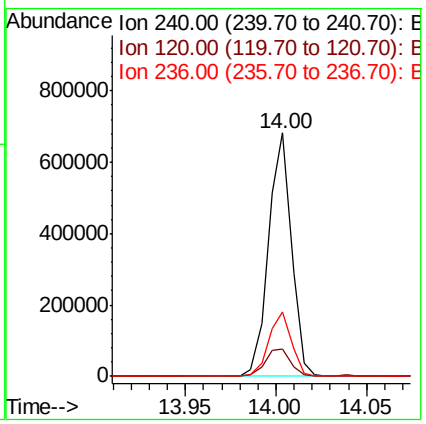


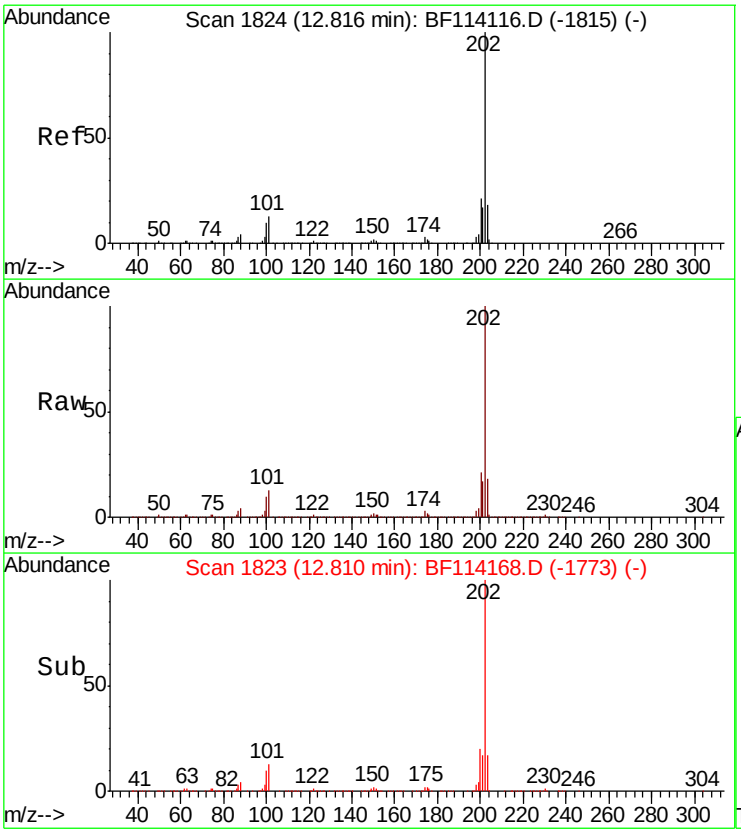
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1824-01

Tgt Ion:240 Resp: 596800

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	26.6	20.8	31.2

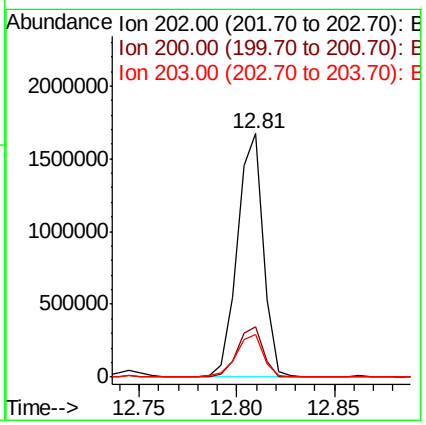


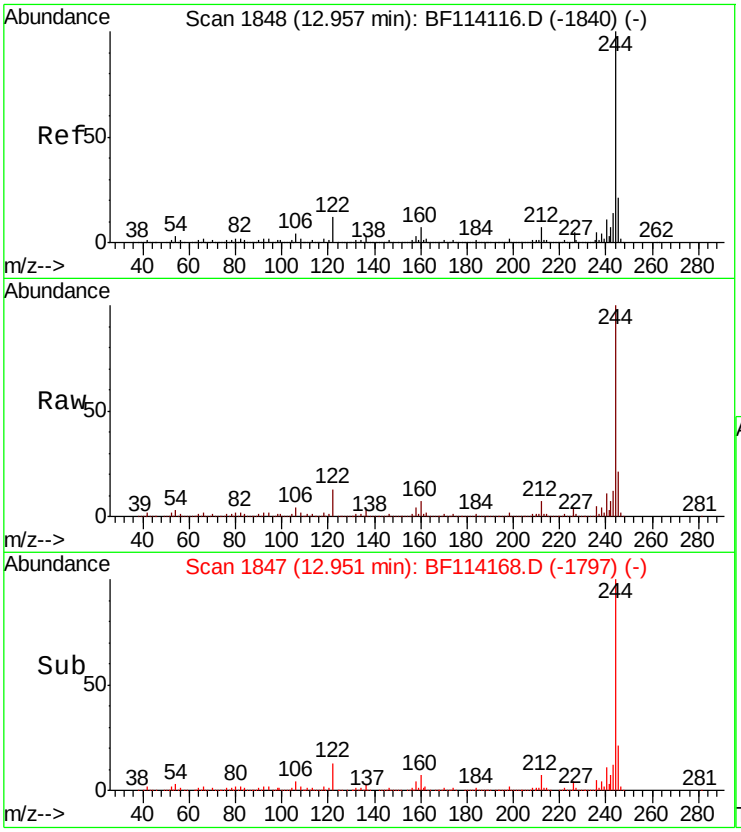


#78
Pyrene
Concen: 31.957 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Tgt Ion:202 Resp: 1534247

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	17.7	14.5	21.7



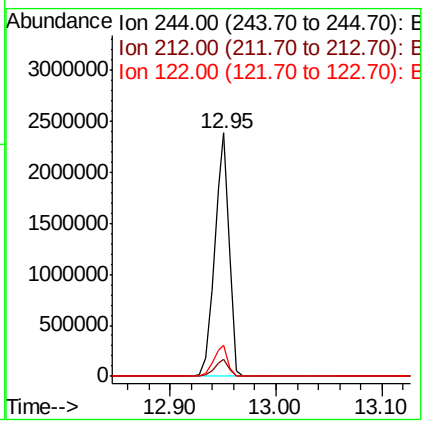


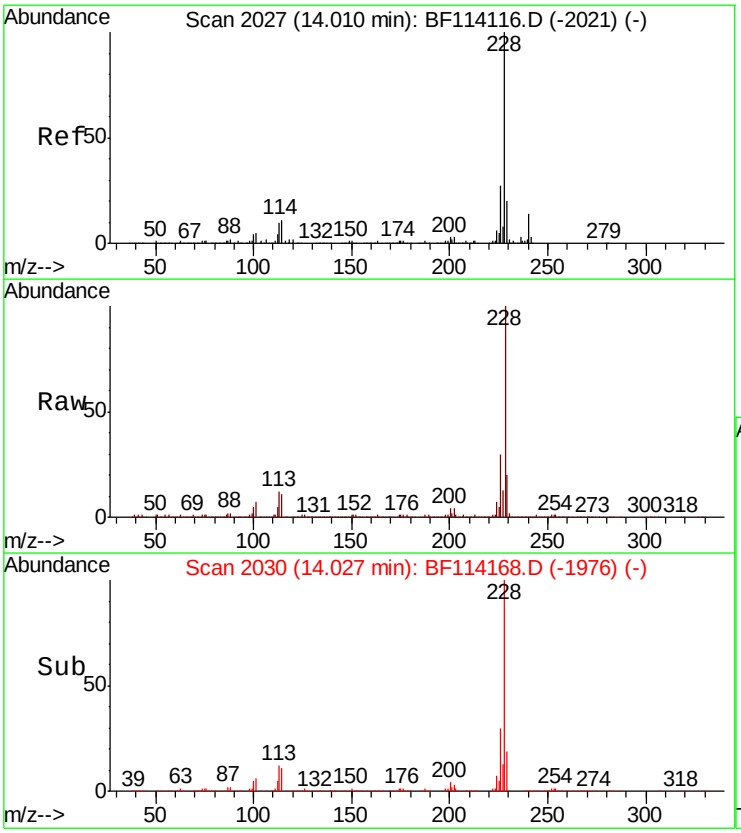
#79
Terphenyl-d14
Concen: 79.473 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1824-01

Tgt Ion:244 Resp: 2300810

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	13.0	9.4	14.2

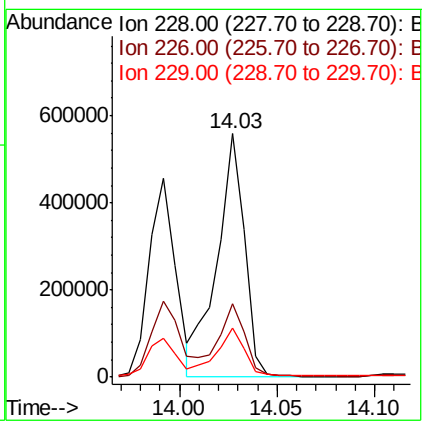


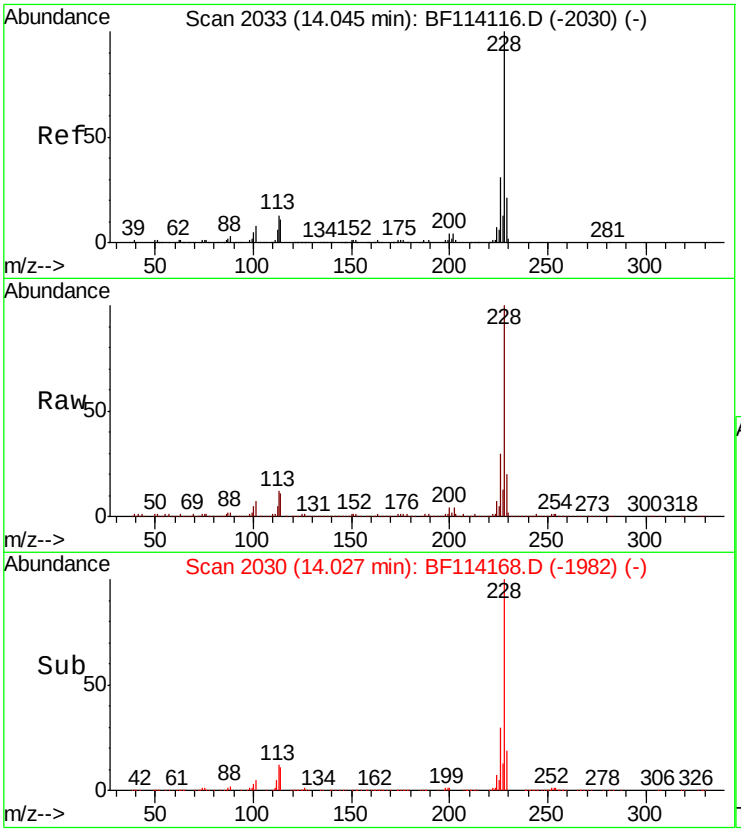


#81
Benzo(a)anthracene
Concen: 14.063 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.02 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Tgt Ion:228 Resp: 542852

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.2	33.2
229	20.1	16.4	24.6



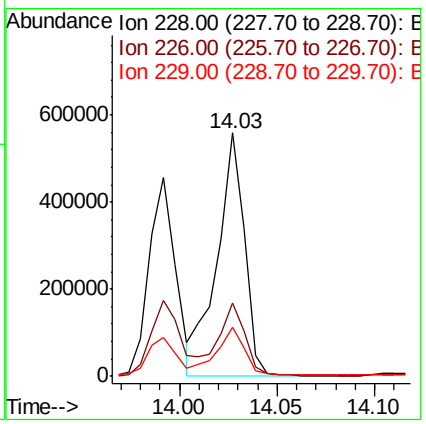


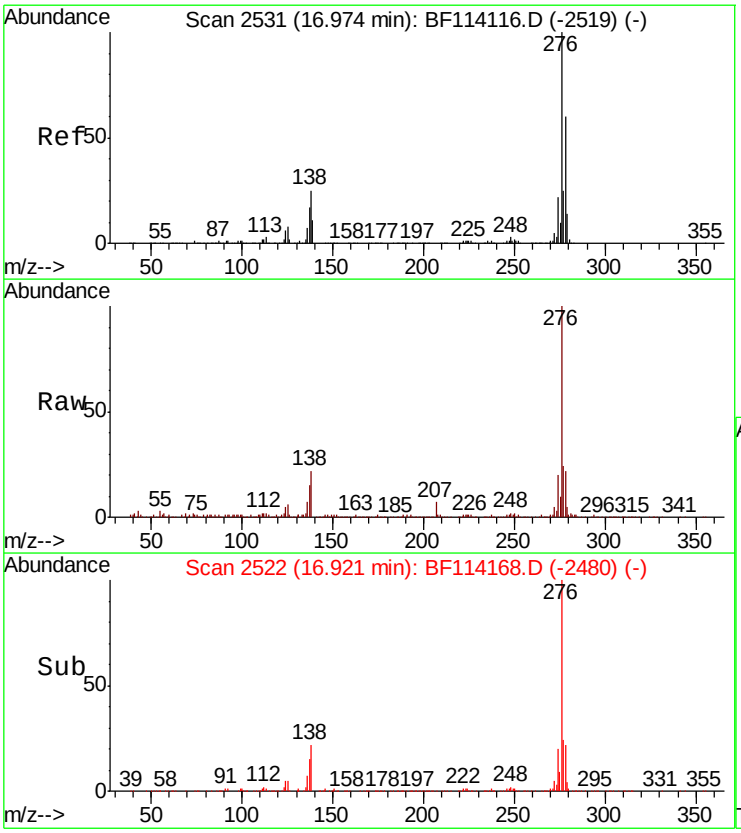
#83
Chrysene
Concen: 14.346 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1824-01

Tgt Ion:228 Resp: 542852

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.1	17.0	25.6

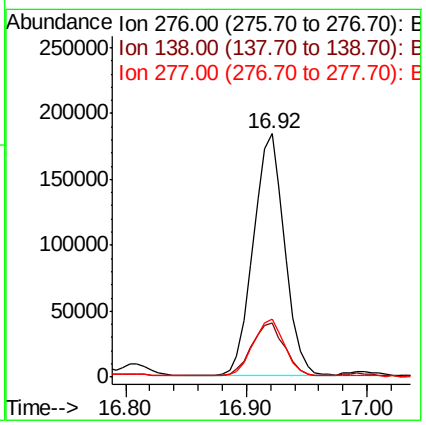


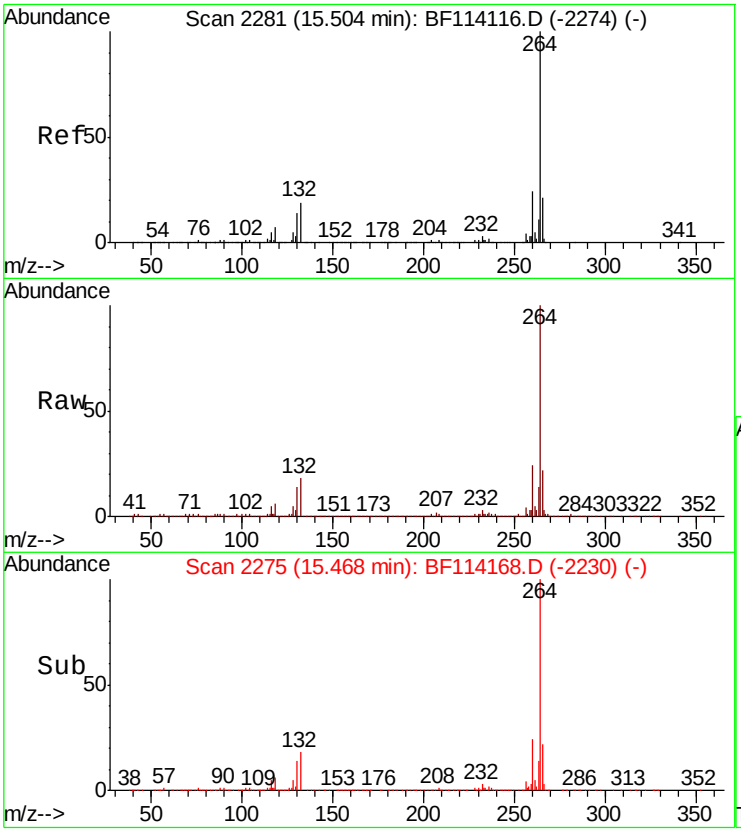


#86
Indeno(1,2,3-cd)pyrene
Concen: 9.911 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.05 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Tgt Ion:276 Resp: 331457

Ion	Ratio	Lower	Upper
276	100		
138	22.8	20.2	30.2
277	23.7	20.0	30.0



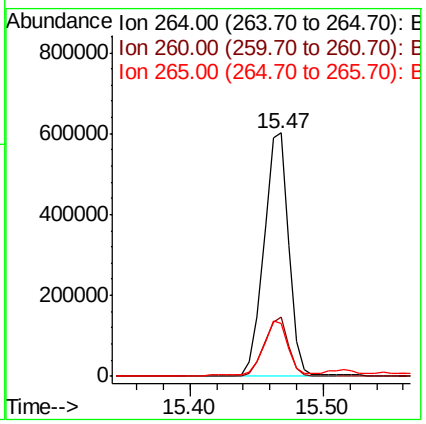


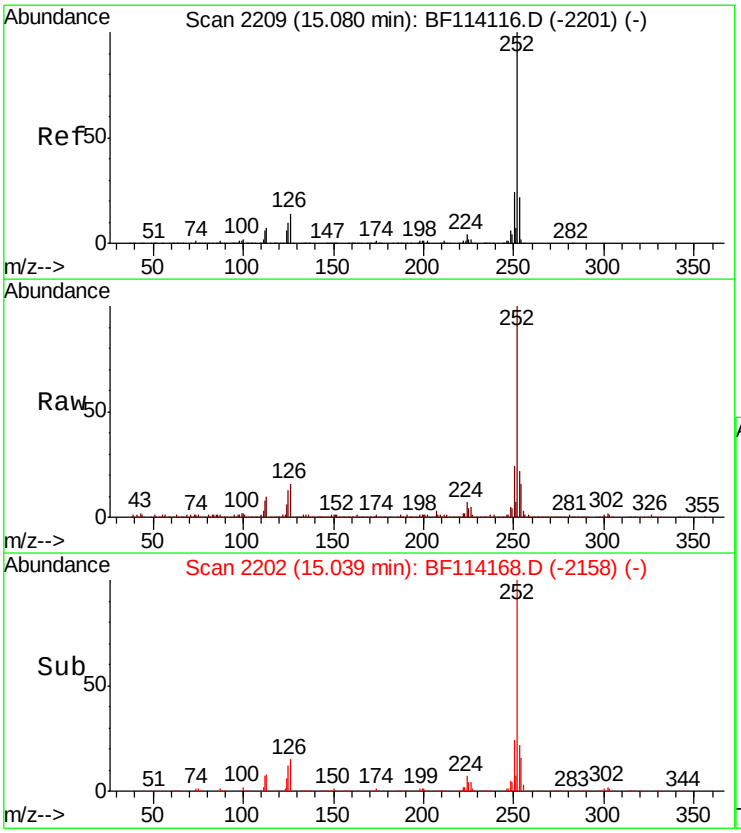
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1824-01

Tgt Ion:264 Resp: 775507

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.8	16.9	25.3

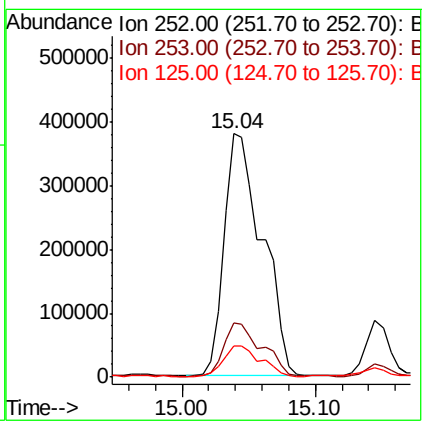


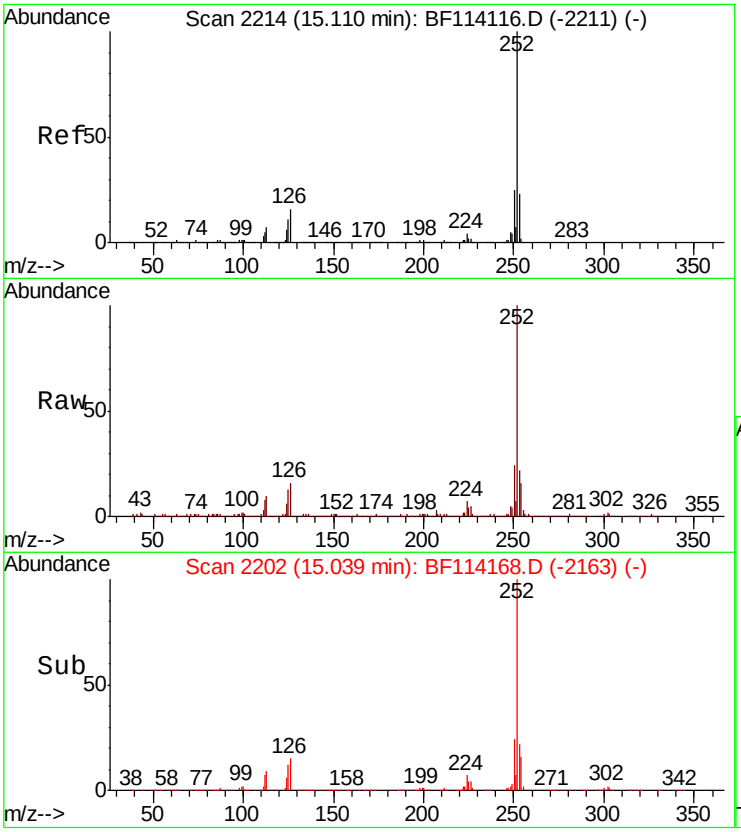


#88
Benzo(b)fluoranthene
Concen: 15.248 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Tgt Ion:252 Resp: 757549

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	12.9	8.3	12.5#



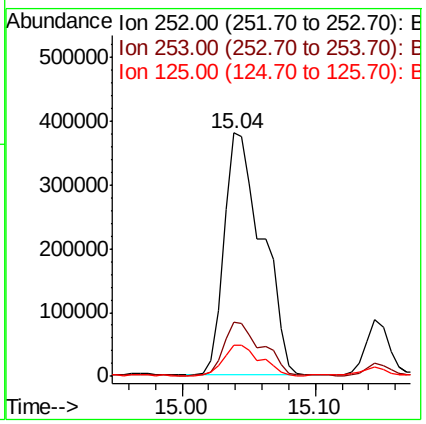


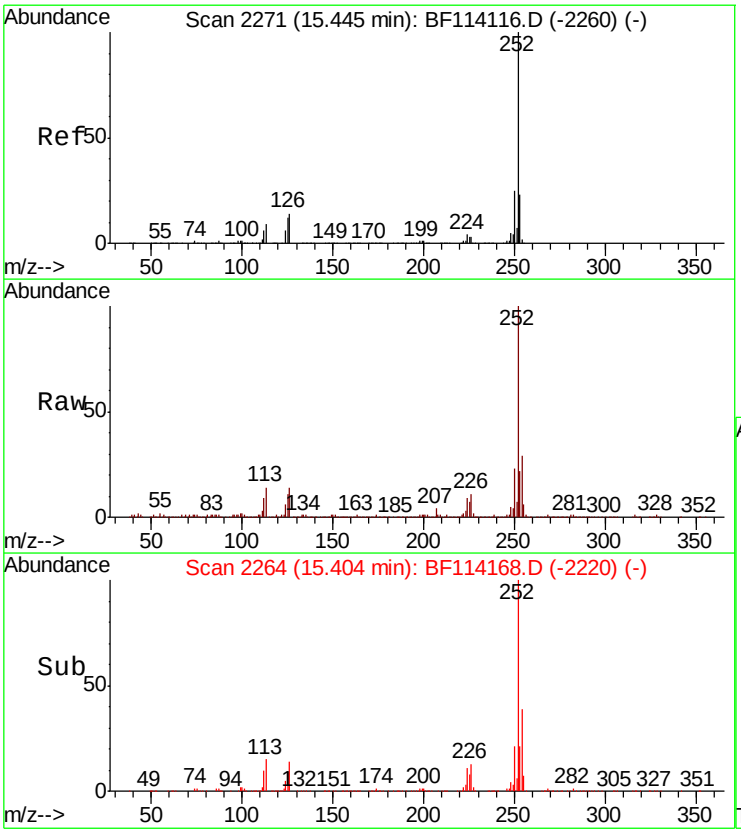
#89
Benzo(k)fluoranthene
Concen: 16.599 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.07 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1824-01

Tgt Ion:252 Resp: 757549

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	12.9	8.6	13.0

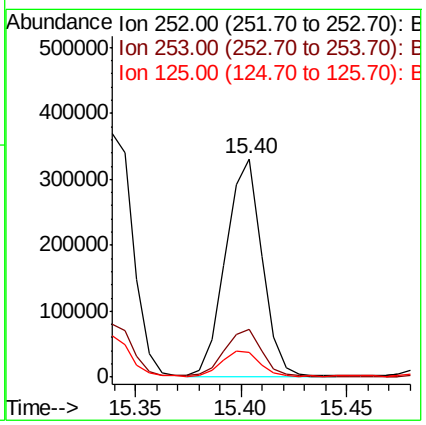


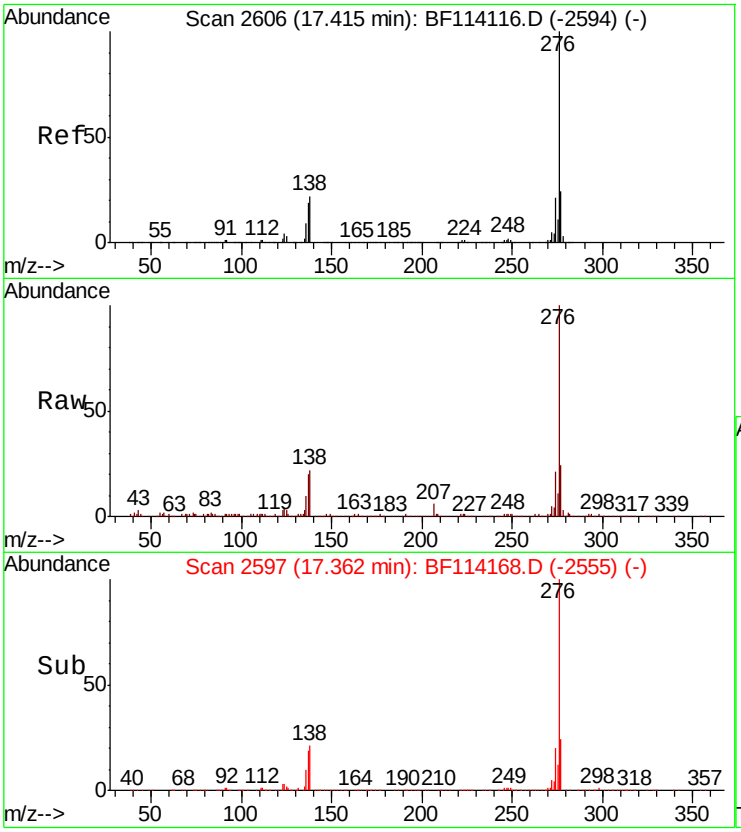


#90
Benzo(a)pyrene
Concen: 8.986 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.04 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Tgt Ion:252 Resp: 392905

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.1	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 10.942 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.05 min
Lab File: BF114168.D
Acq: 11 May 2019 22:14

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1824-01

Tgt Ion:276 Resp: 398438

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	21.8	17.8	26.6