Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114167.D
Acq On : 11 May 2019 21:48
Operator : JU/SJ
Sample : K2765-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-1218-02

Quant Time: May 12 05:55:19 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	271336	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	957791	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	462130	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	948420	20.00	ng		0.00
76) Chrysene-d12	14.00	240	664015	20.00	ng		-0.02
87) Perylene-d12	15.47	264	727216	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1975326	117.15	ng		0.00
7) Phenol-d6	6.49	99	2638398	132.30	ng		0.00
23) Nitrobenzene-d5	7.41	82	1541395	90.32	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	626839	131.20	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2403919	78.69	ng		0.00
79) Terphenyl-d14	12.95	244	2374640	73.72	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	208352	16.483	ng	#	78
25) Isophorone	7.41	82	1541386	48.698	ng	#	64
32) Benzoic acid	7.92	122	115	7.031	ng	#	70
49) Acenaphthylene	9.74	152	116362	2.546	ng		97
50) Dimethylphthalate	9.59	163	524308	15.455	ng		99
57) 2,4-Dinitrotoluene	9.88	165	60403	5.914	ng	#	25
67) 4-Bromophenyl-phenylether	10.67	248	40759	3.903	ng	#	1
71) Phenanthrene	11.39	178	740845	16.056	ng		98
75) Fluoranthene	12.58	202	1015213	20.431	ng		99
78) Pyrene	12.81	202	1799013	33.679	ng		99
81) Benzo(a)anthracene	14.03	228	607353	14.142	ng		96
83) Chrysene	14.03	228	607353	14.426	ng		98
86) Indeno(1,2,3-cd)pyrene	16.92	276	314676	8.457	ng		95
88) Benzo(b)fluoranthene	15.04	252	756137	16.230	ng	#	98
89) Benzo(k)fluoranthene	15.04	252	756137	17.668	ng		97
90) Benzo(a)pyrene	15.41	252	375395	9.155	ng		98
91) Dibenzo(a,h)anthracene	16.93	278	79313	2.328	ng		96
92) Benzo(g,h,i)perylene	17.37	276	373894	10.950	ng		99

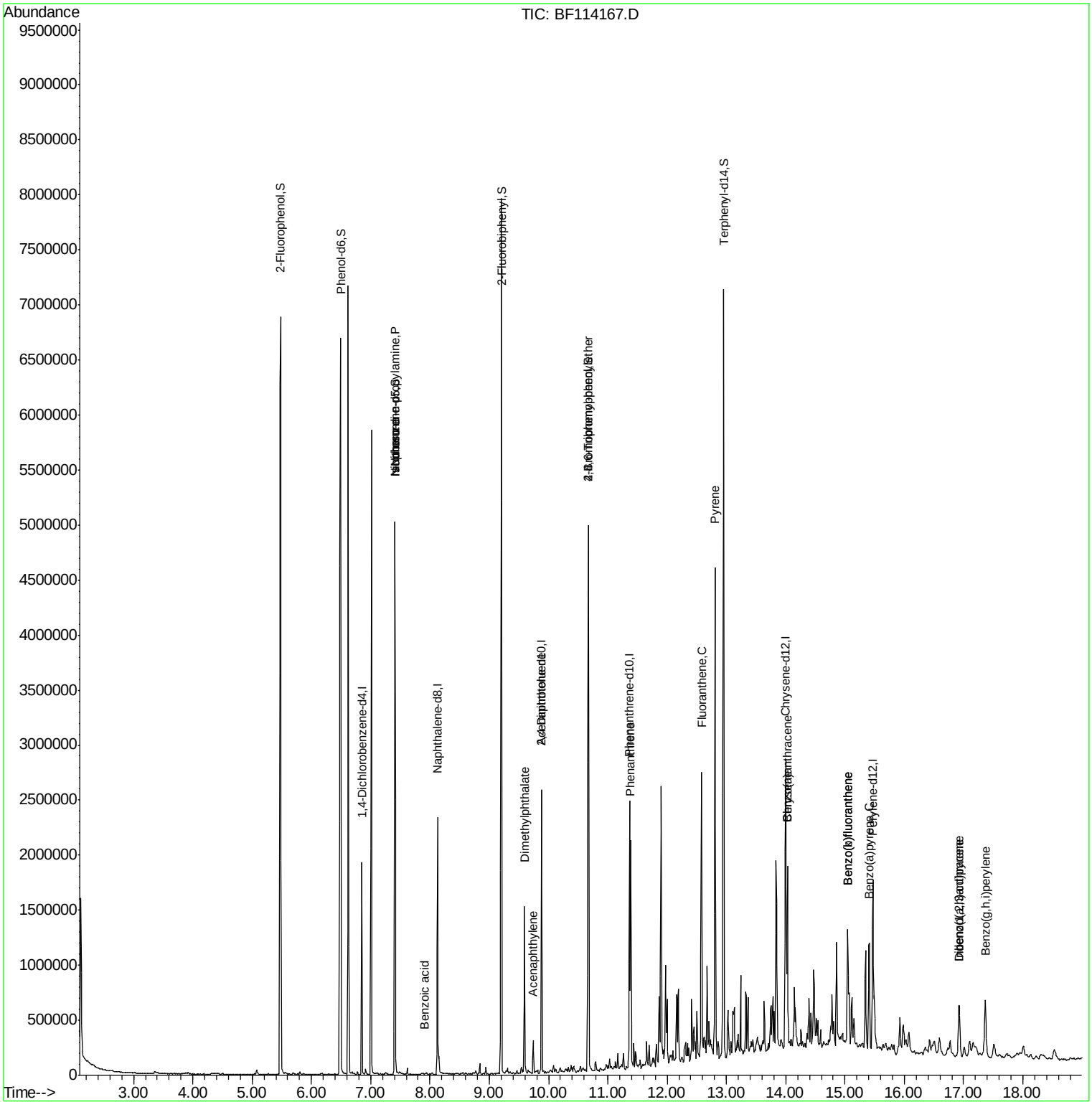
(#) = qualifier out of range (m) = manual integration (+) = signals summed

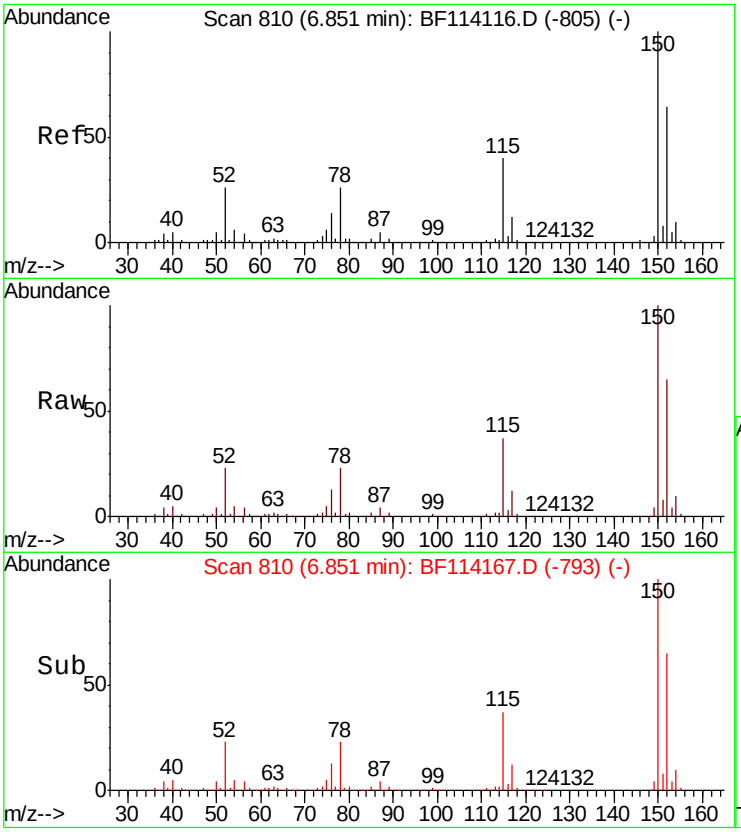
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114167.D
Acq On : 11 May 2019 21:48
Operator : JU/SJ
Sample : K2765-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Quant Time: May 12 05:55:19 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



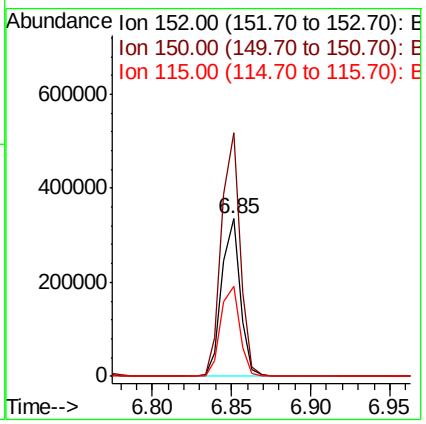


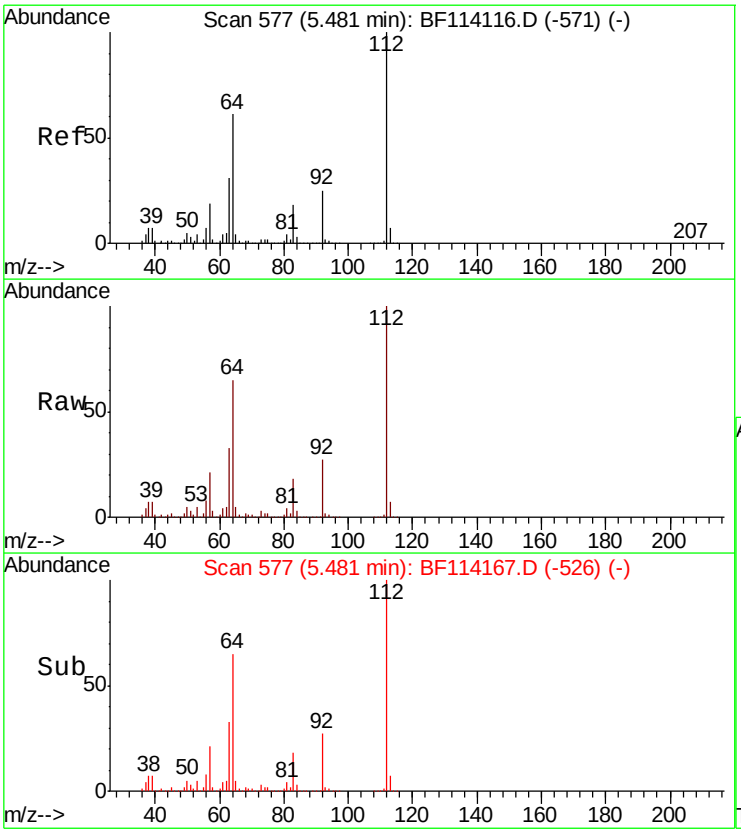
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Tgt Ion:152 Resp: 271336

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.3	186.5
115	57.5	49.1	73.7

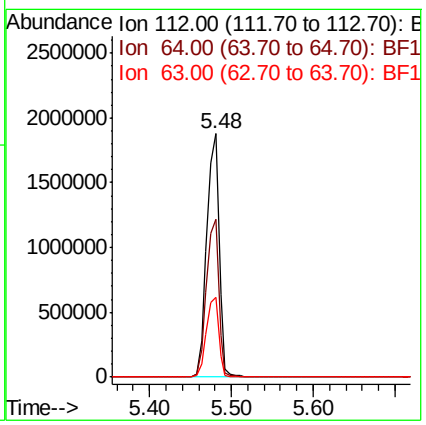


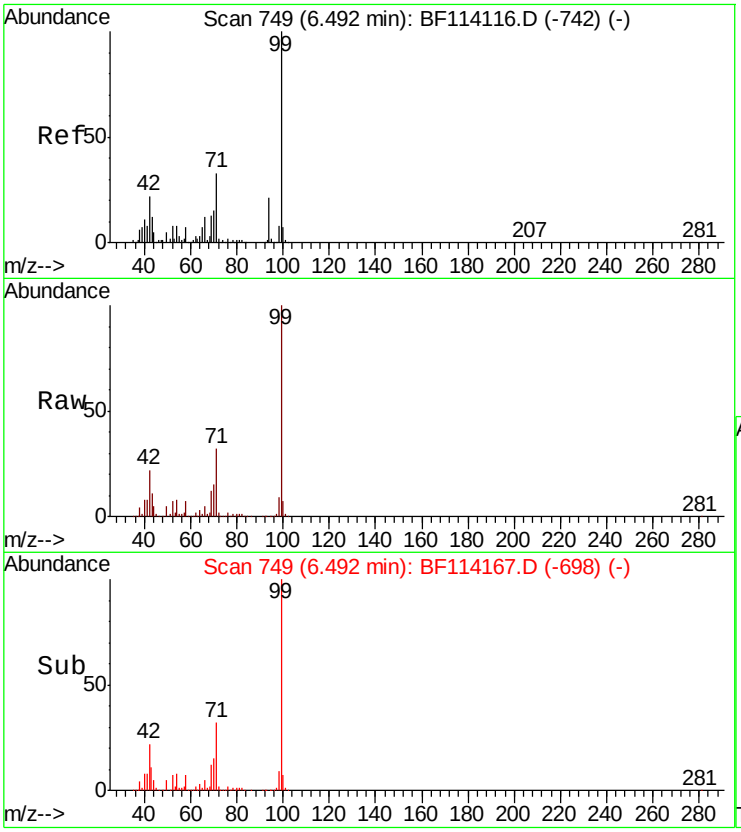


#5
2-Fluorophenol
Concen: 117.154 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Tgt Ion:112 Resp: 1975326

Ion	Ratio	Lower	Upper
112	100		
64	64.9	49.0	73.6
63	32.9	24.6	37.0



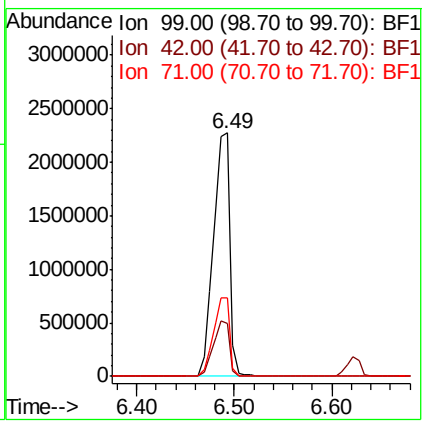


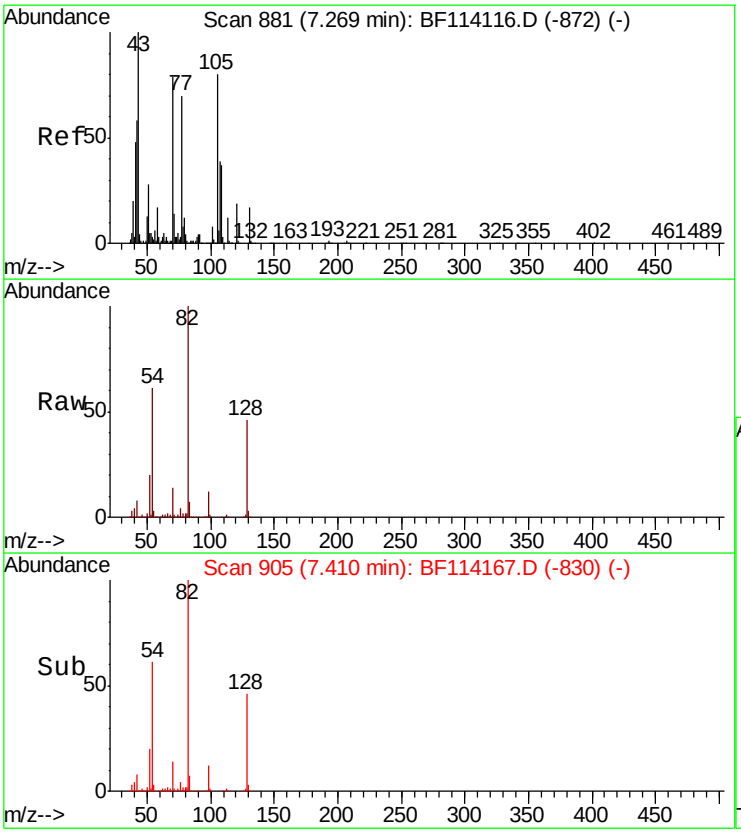
#7
Phenol-d6
Concen: 132.304 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Tgt Ion: 99 Resp: 2638398

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.9	26.9
71	32.2	26.2	39.2

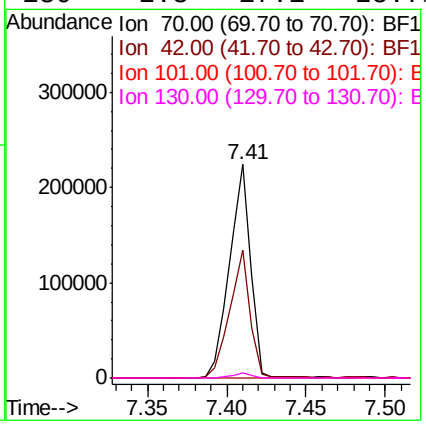


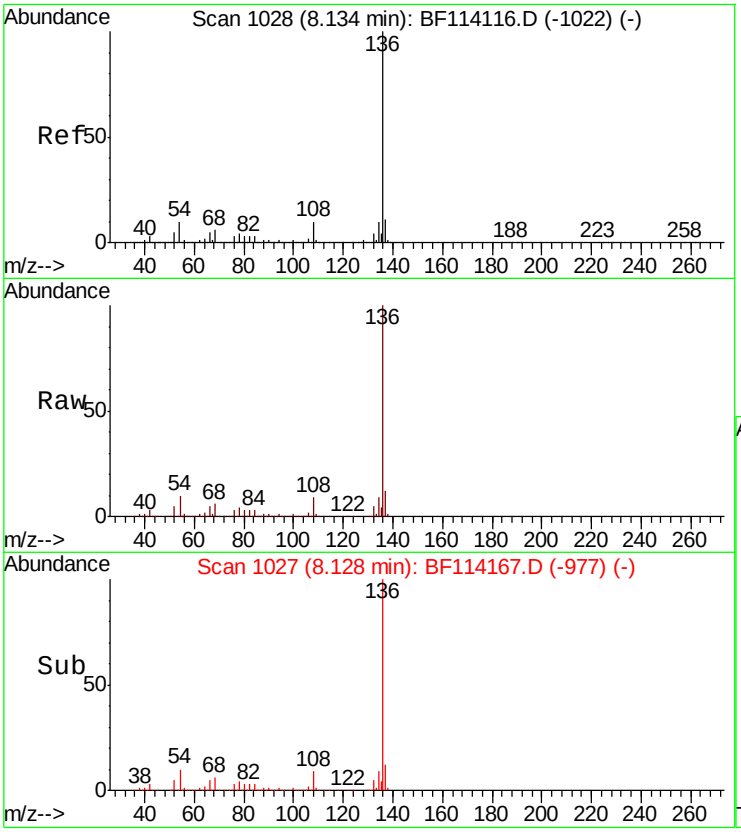


#19
n-Nitroso-di-n-propylamine
Concen: 16.483 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Tgt Ion: 70 Resp: 208352

Ion	Ratio	Lower	Upper
70	100		
42	59.7	58.6	87.8
101	0.0	7.8	11.8#
130	2.3	17.1	25.7#



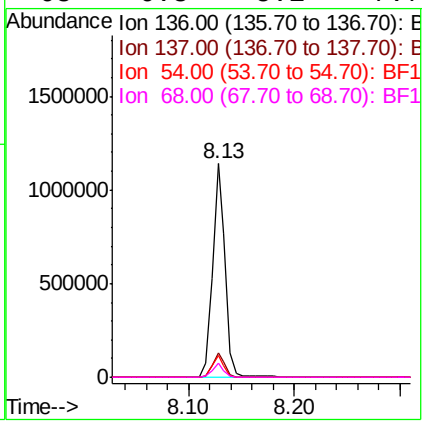


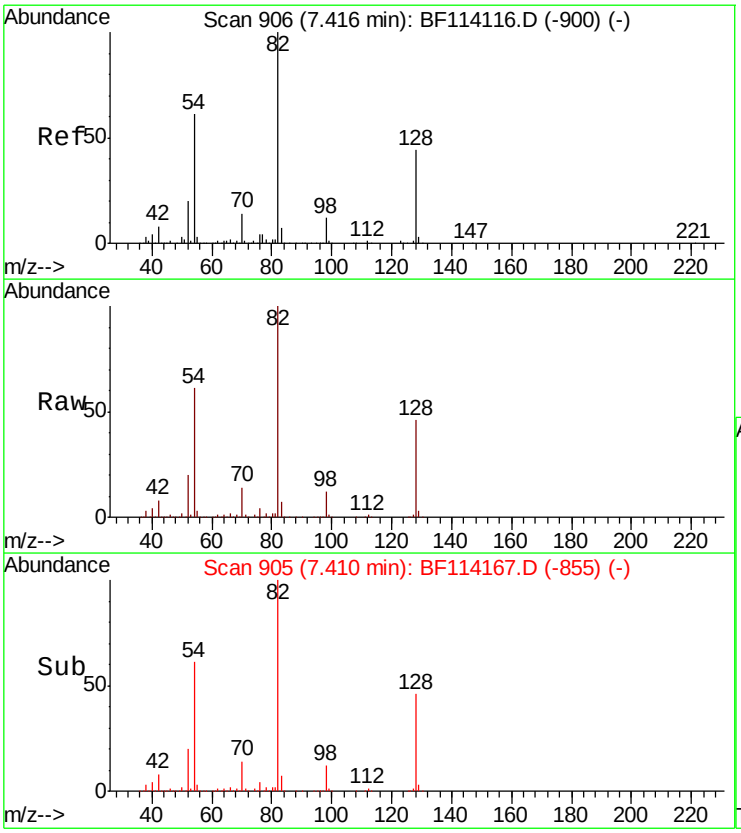
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Tgt Ion:136 Resp: 957791

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	10.1	7.8	11.8
68	6.3	5.1	7.7

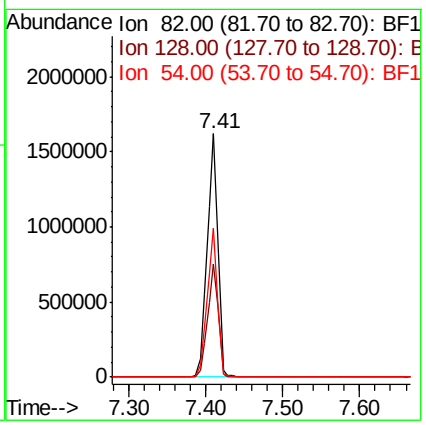


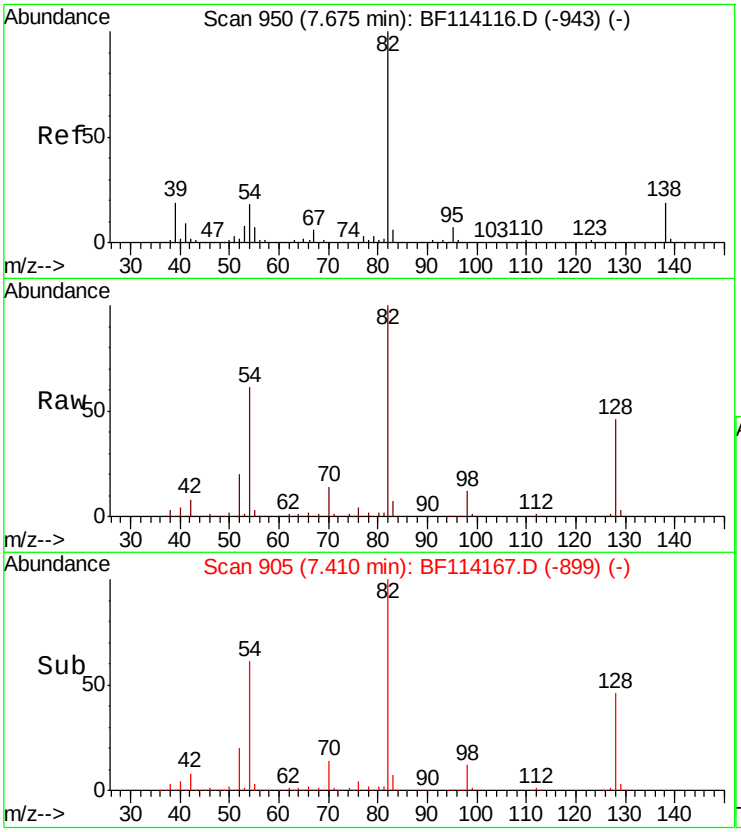


#23
Nitrobenzene-d5
Concen: 90.315 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Tgt Ion: 82 Resp: 1541395

Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.5	53.3
54	61.1	48.5	72.7



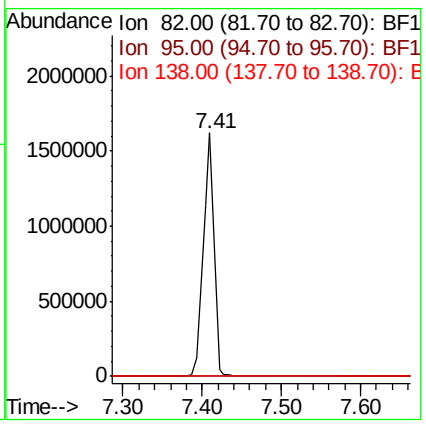


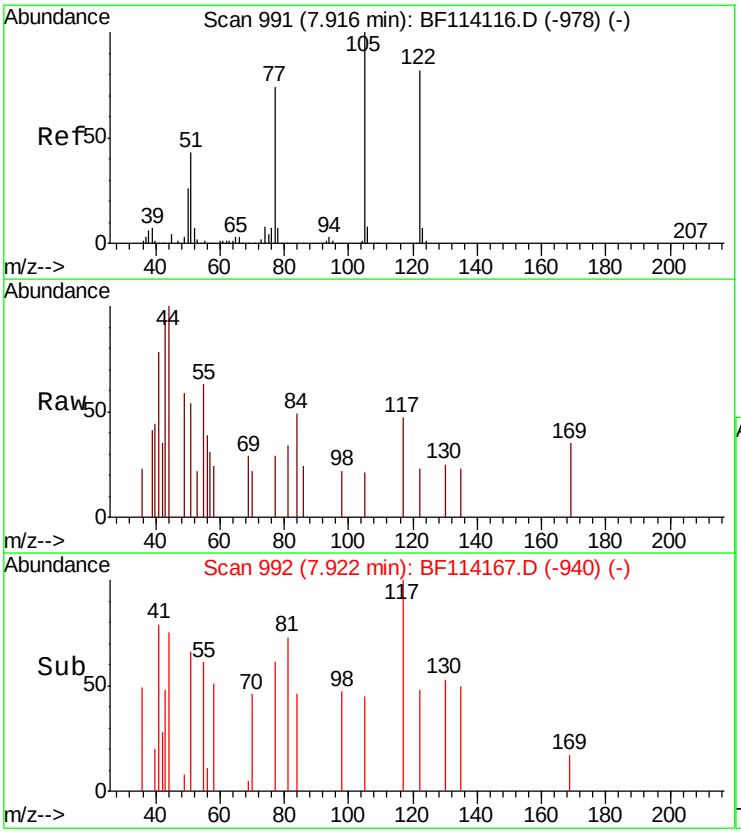
#25
Isophorone
Concen: 48.698 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Tgt Ion: 82 Resp: 1541386

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

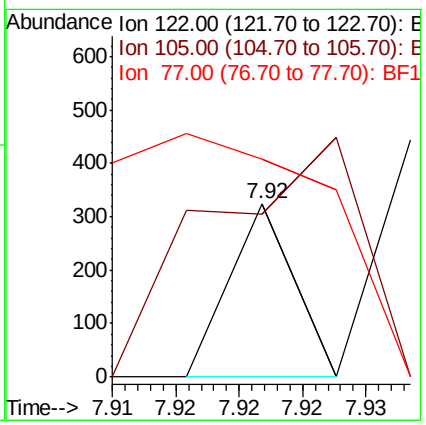


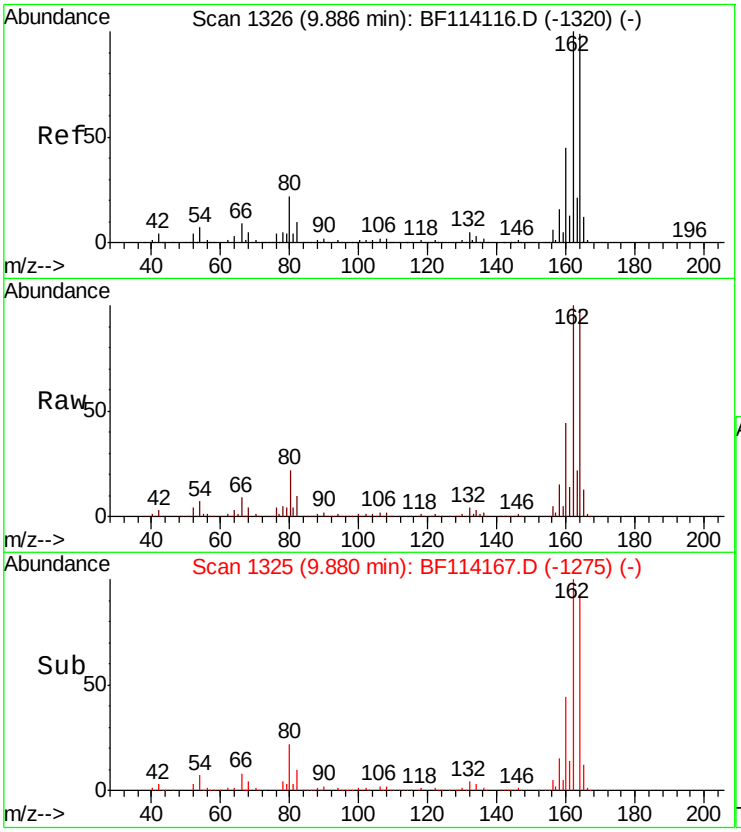


#32
Benzoic acid
Concen: 7.031 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Tgt Ion:122 Resp: 115

Ion	Ratio	Lower	Upper
122	100		
105	93.5	99.9	139.9#
77	125.5	69.4	109.4#



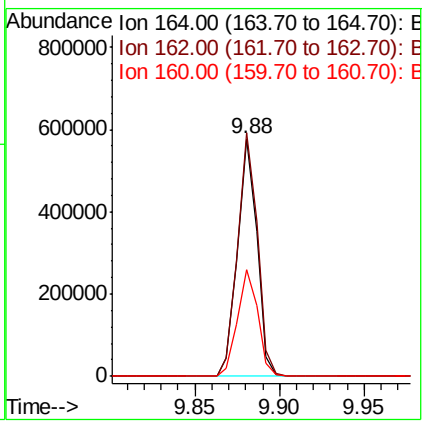


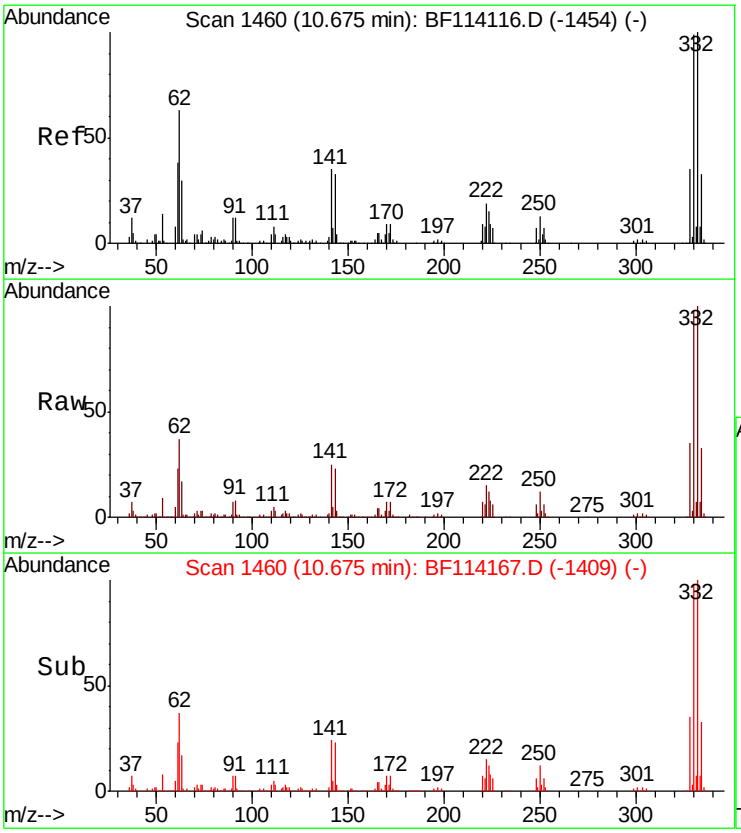
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Tgt Ion:164 Resp: 462130

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	120.8
160	45.1	36.5	54.7

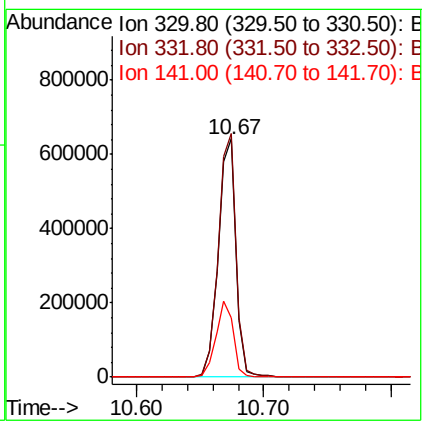


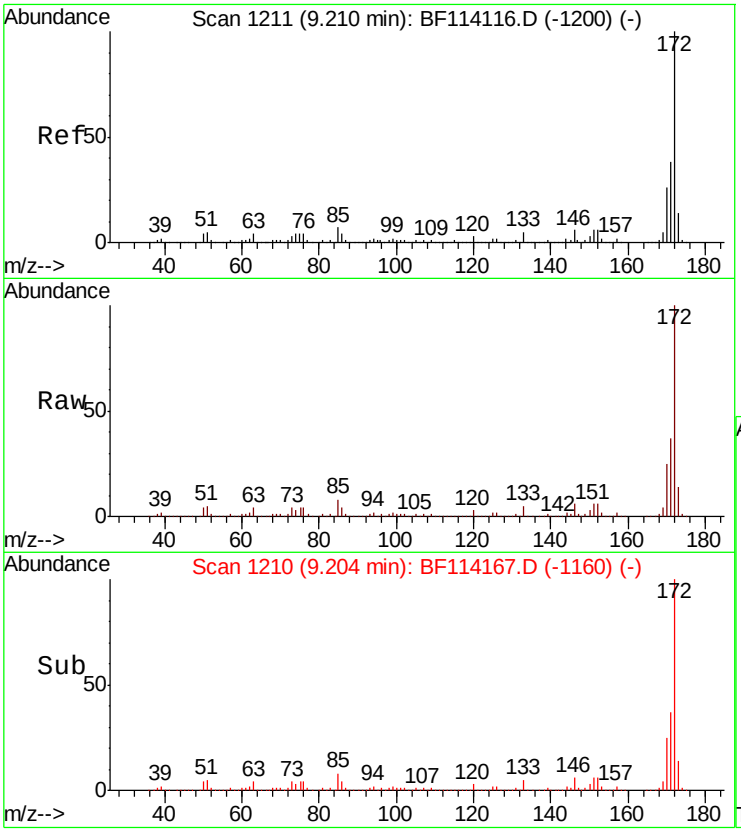


#42
2,4,6-Tribromophenol
Concen: 131.202 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Tgt Ion:330 Resp: 626839

Ion	Ratio	Lower	Upper
330	100		
332	102.8	81.4	122.2
141	31.9	26.6	40.0



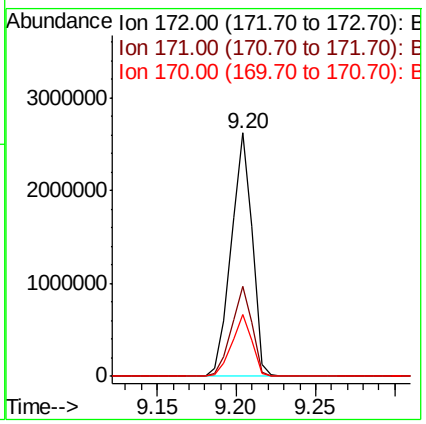


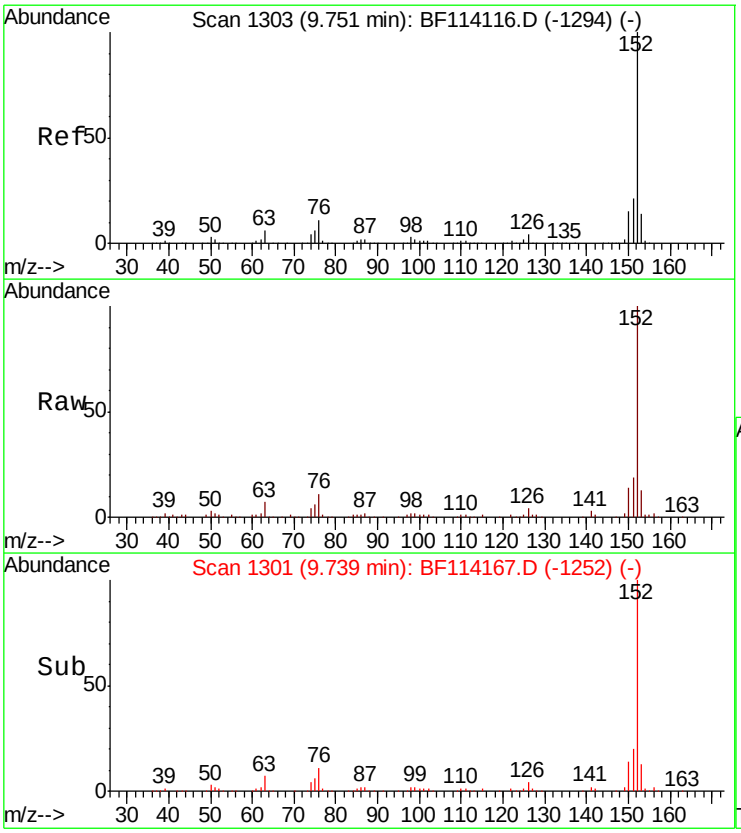
#45
2-Fluorobiphenyl
Concen: 78.686 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Tgt Ion:172 Resp: 2403919

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.7	46.1
170	25.2	20.5	30.7

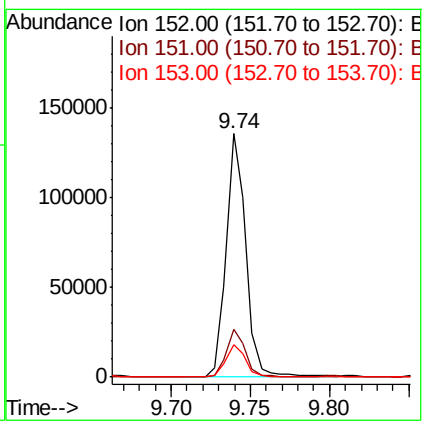


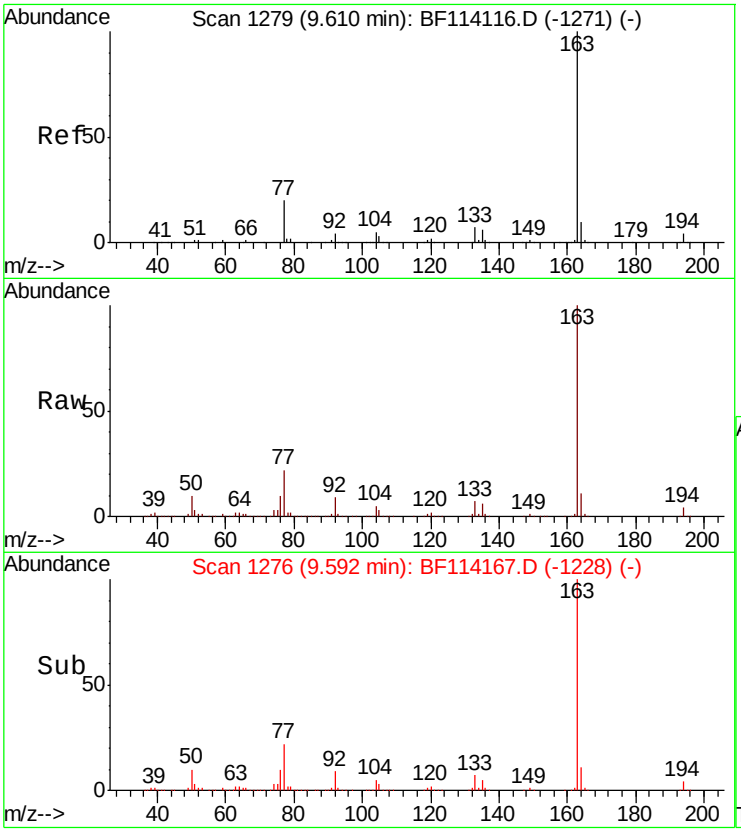


#49
Acenaphthylene
Concen: 2.546 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Tgt Ion:152 Resp: 116362

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	13.2	11.4	17.2



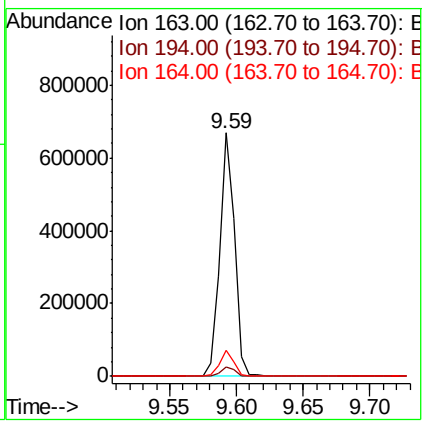


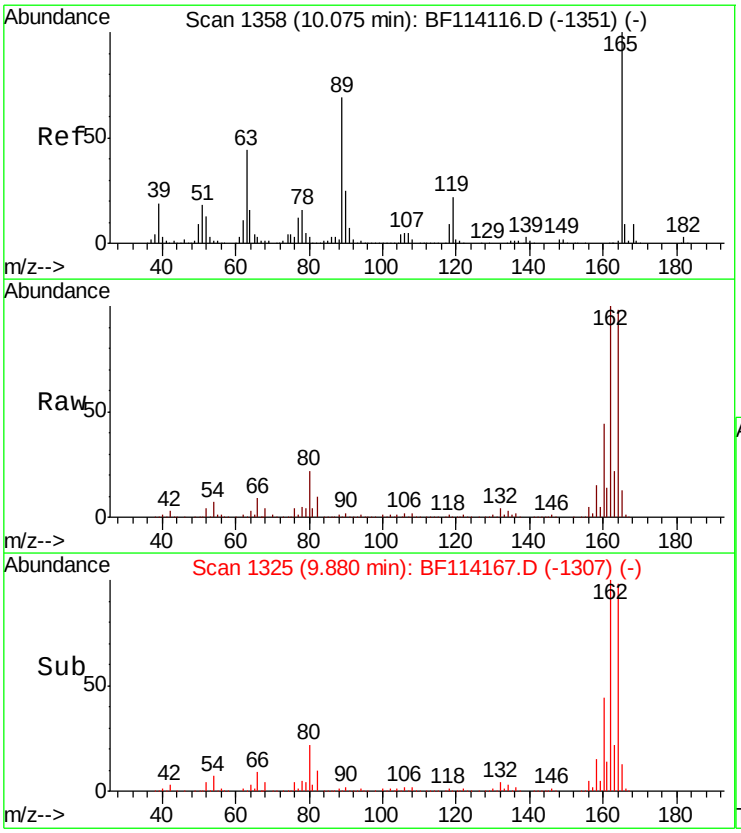
#50
Dimethylphthalate
Concen: 15.455 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Tgt Ion:163 Resp: 524308

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.6	8.2	12.2

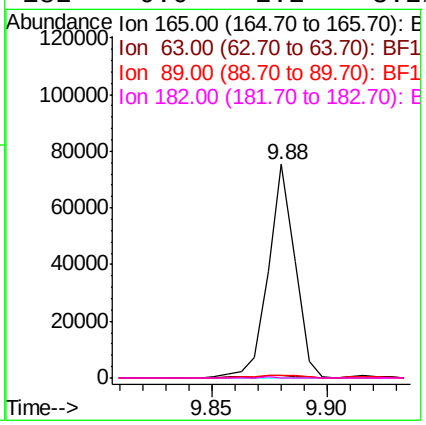


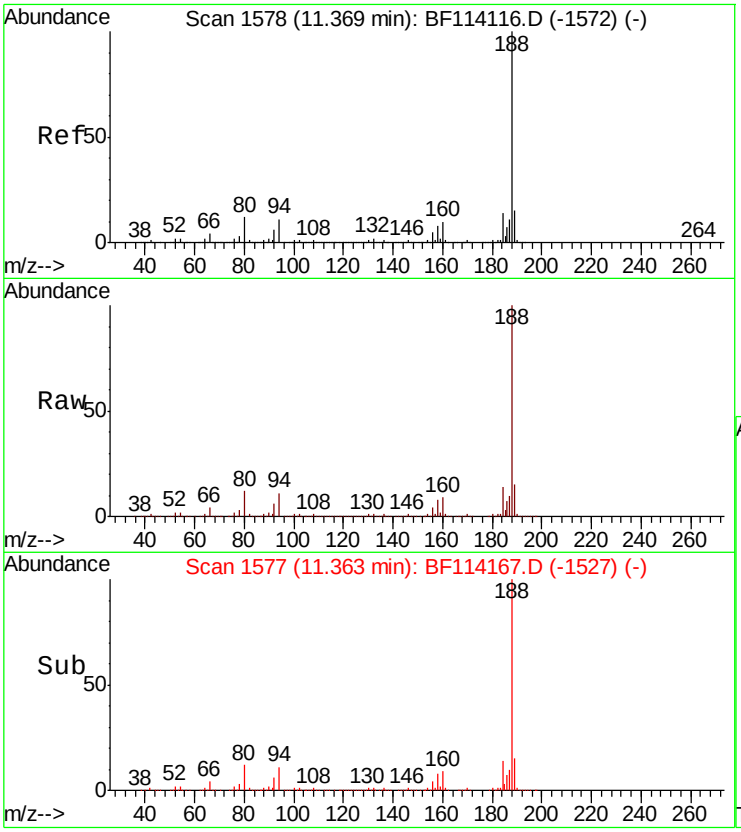


#57
2,4-Dinitrotoluene
Concen: 5.914 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Tgt Ion:165 Resp: 60403

Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.5	53.3#
89	1.1	55.2	82.8#
182	0.0	2.2	3.2#



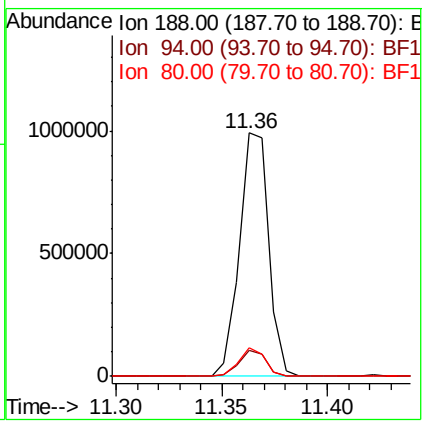


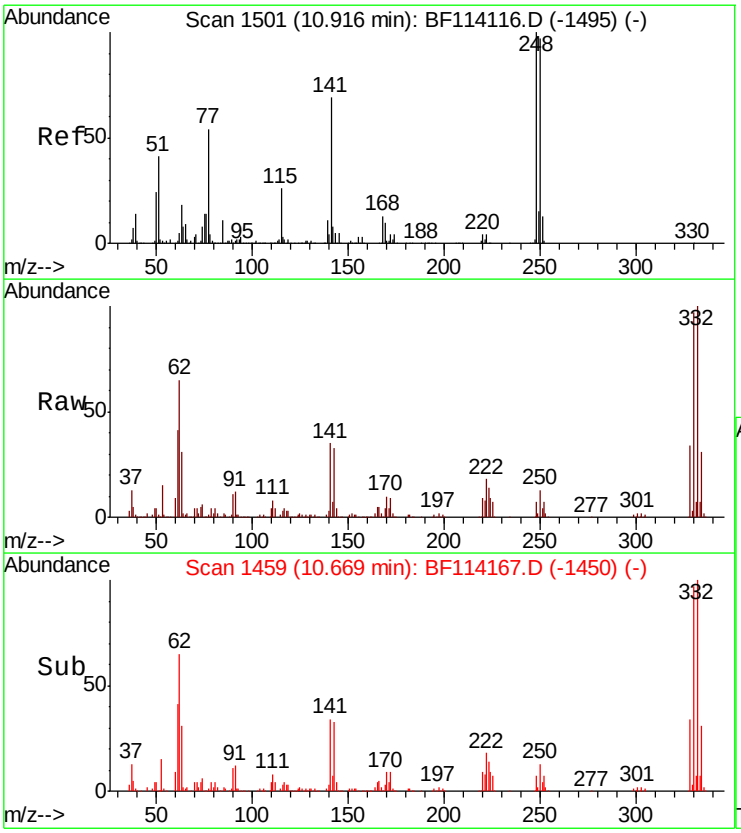
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Tgt Ion:188 Resp: 948420

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.4	12.6
80	11.6	9.2	13.8

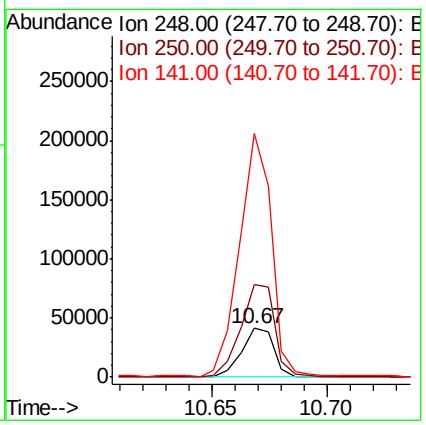


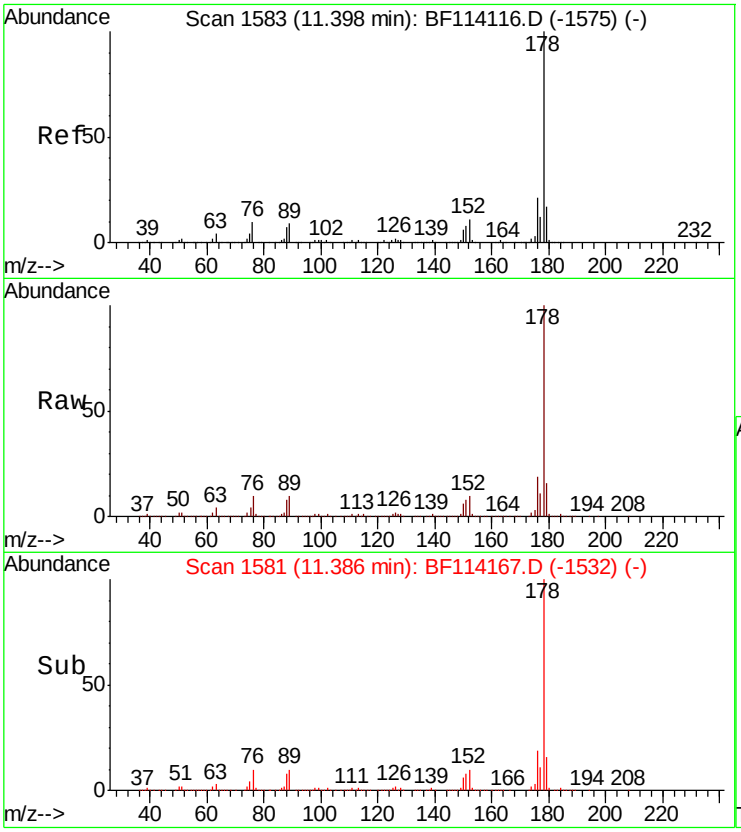


#67
4-Bromophenyl-phenylether
Concen: 3.903 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Tgt Ion:248 Resp: 40759

Ion	Ratio	Lower	Upper
248	100		
250	189.9	77.4	116.2#
141	501.9	55.6	83.4#



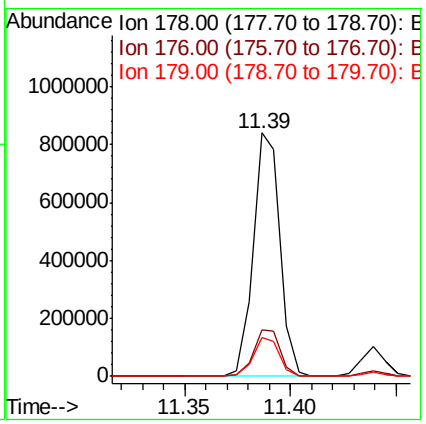


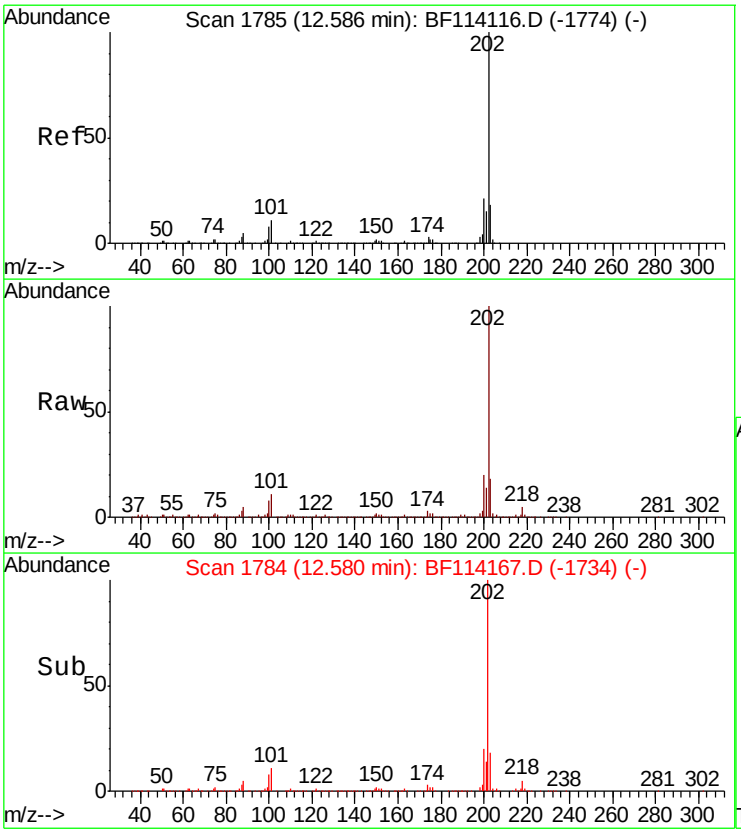
#71
Phenanthrene
Concen: 16.056 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Tgt Ion:178 Resp: 740845

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.4	24.6
179	16.0	13.2	19.8

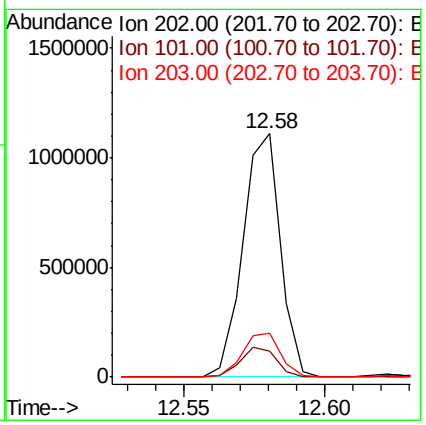


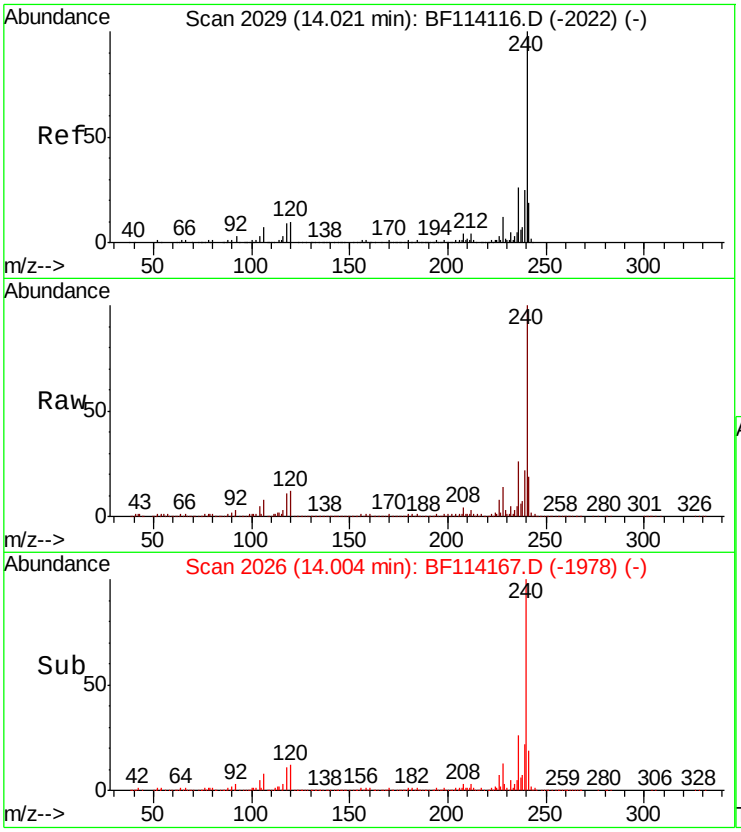


#75
Fluoranthene
Concen: 20.431 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Tgt Ion:202 Resp: 1015213

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.0
203	18.1	0.0	38.4



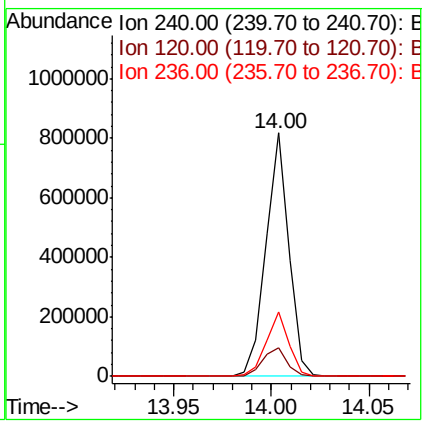


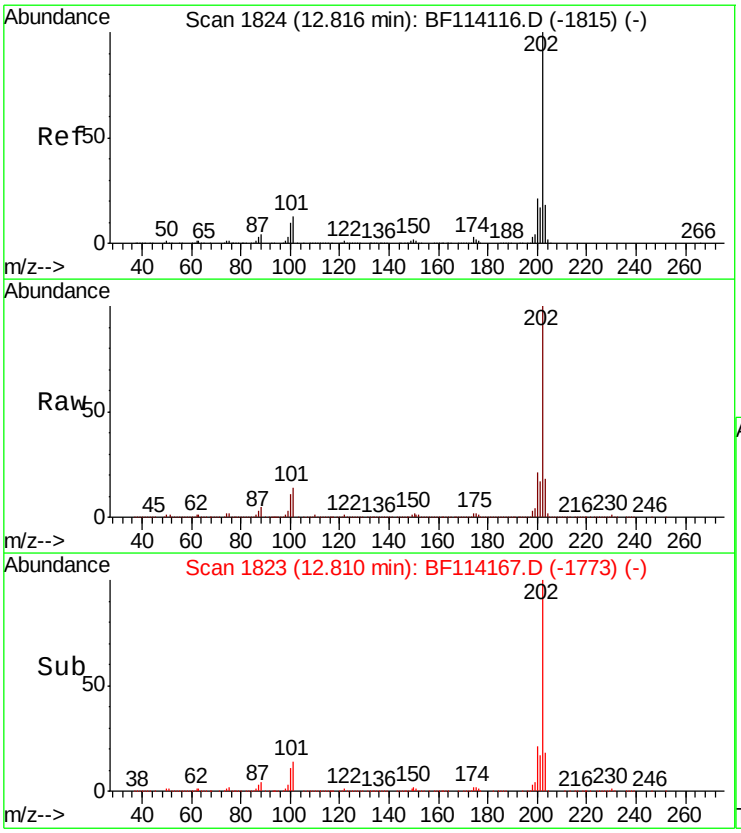
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Tgt Ion:240 Resp: 664015

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	26.3	20.8	31.2

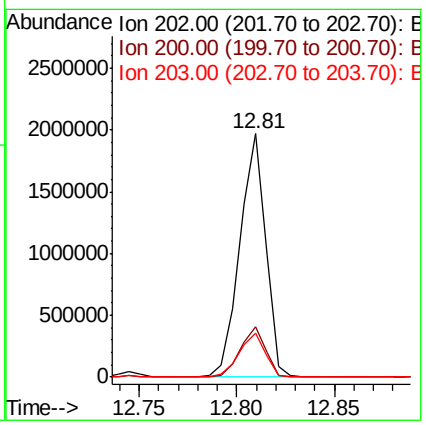


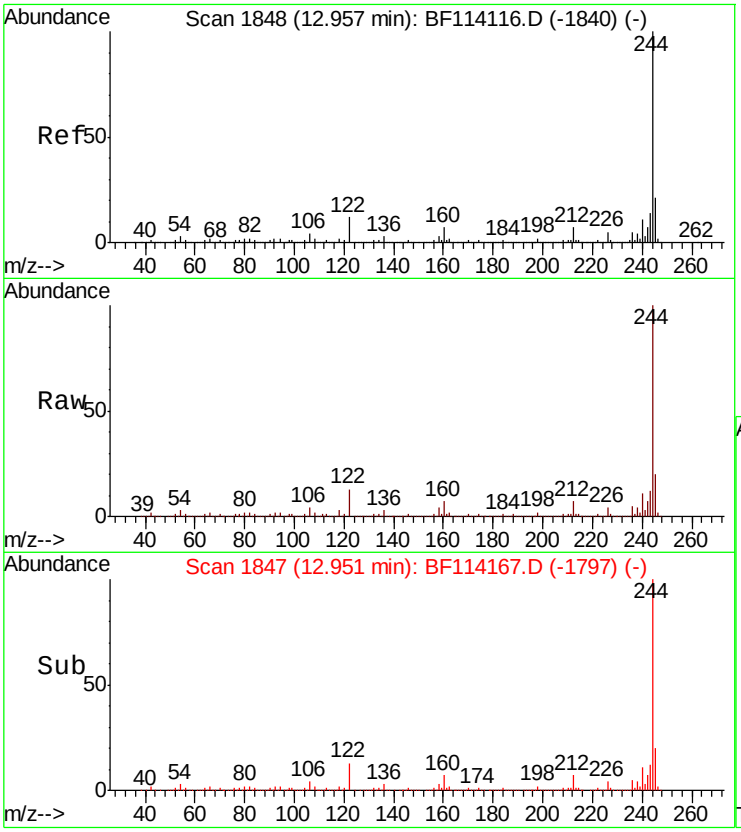


#78
Pyrene
Concen: 33.679 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Tgt Ion:202 Resp: 1799013

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	18.3	14.5	21.7



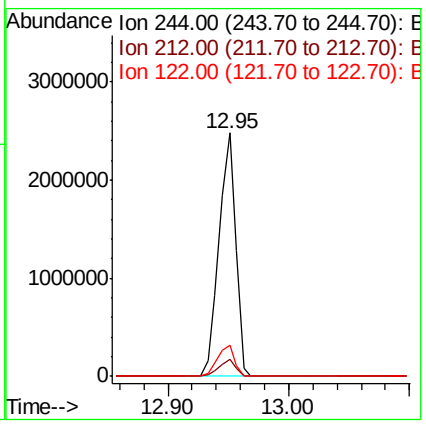


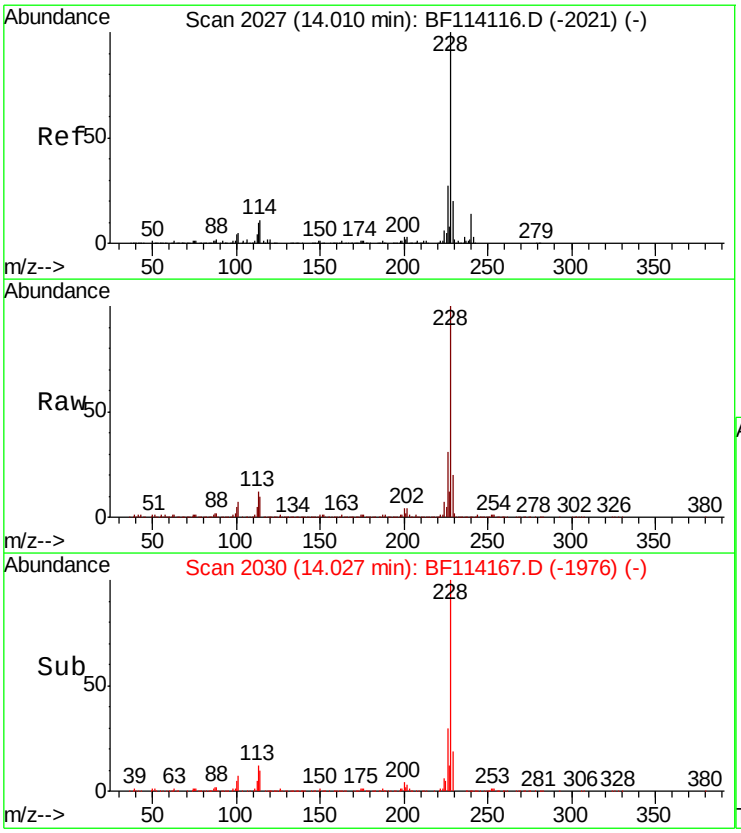
#79
Terphenyl-d14
Concen: 73.721 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Tgt Ion:244 Resp: 2374640

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.9	9.4	14.2

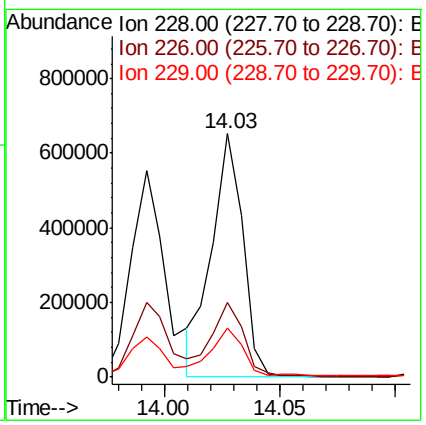


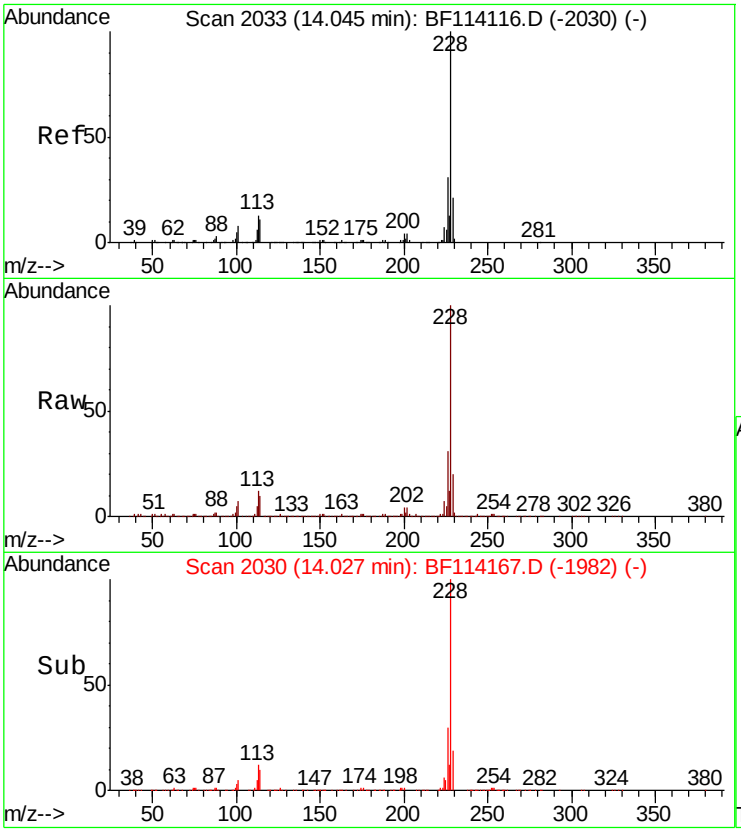


#81
Benzo(a)anthracene
Concen: 14.142 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.02 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Tgt Ion:228 Resp: 607353

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.2	33.2
229	20.1	16.4	24.6



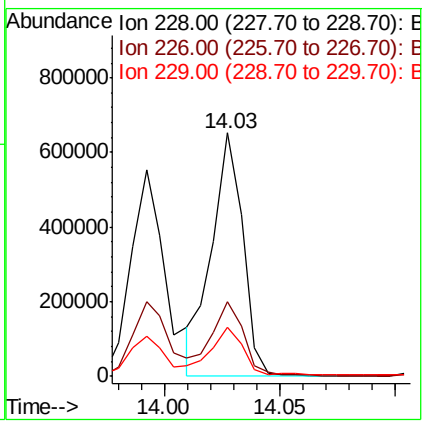


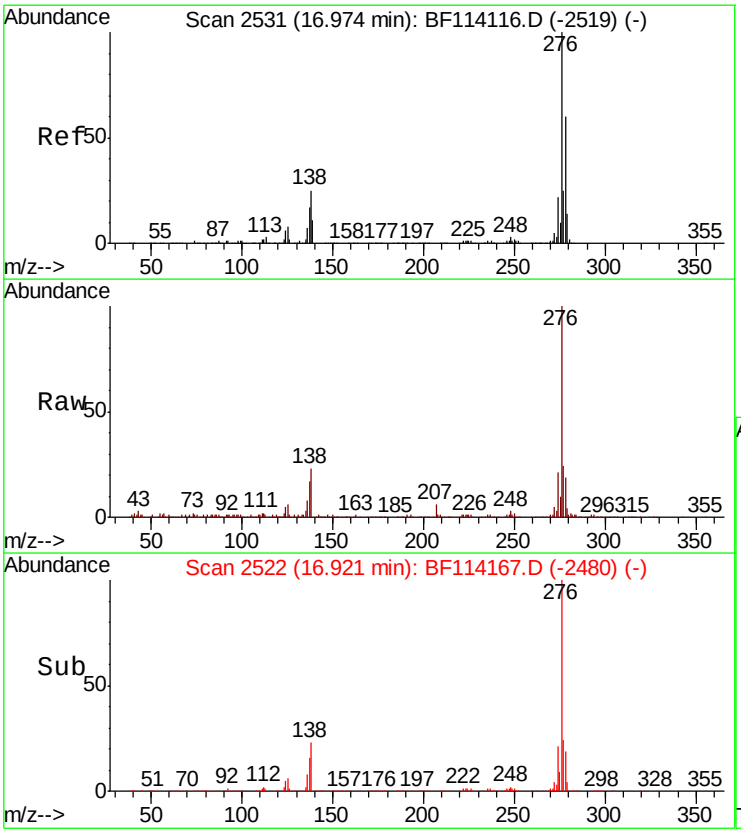
#83
Chrysene
Concen: 14.426 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Tgt Ion:228 Resp: 607353

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.1	17.0	25.6

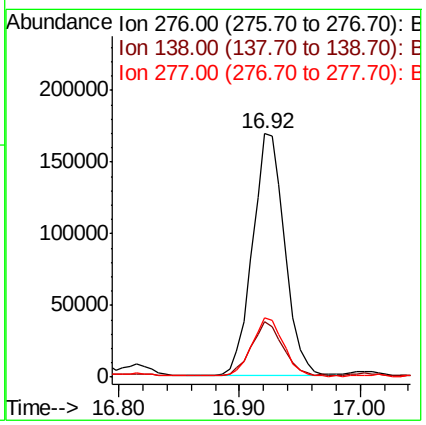


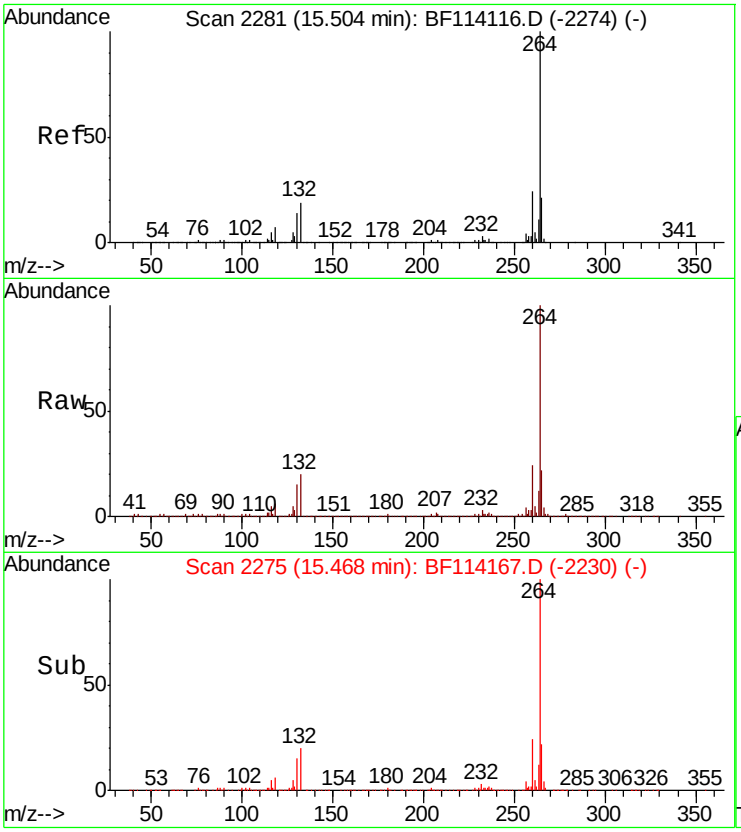


#86
Indeno(1,2,3-cd)pyrene
Concen: 8.457 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.05 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Tgt Ion:276 Resp: 314676

Ion	Ratio	Lower	Upper
276	100		
138	21.9	20.2	30.2
277	23.7	20.0	30.0



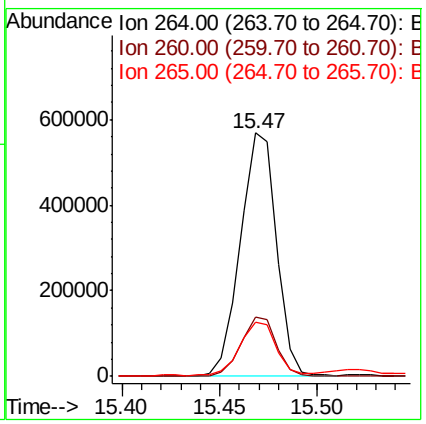


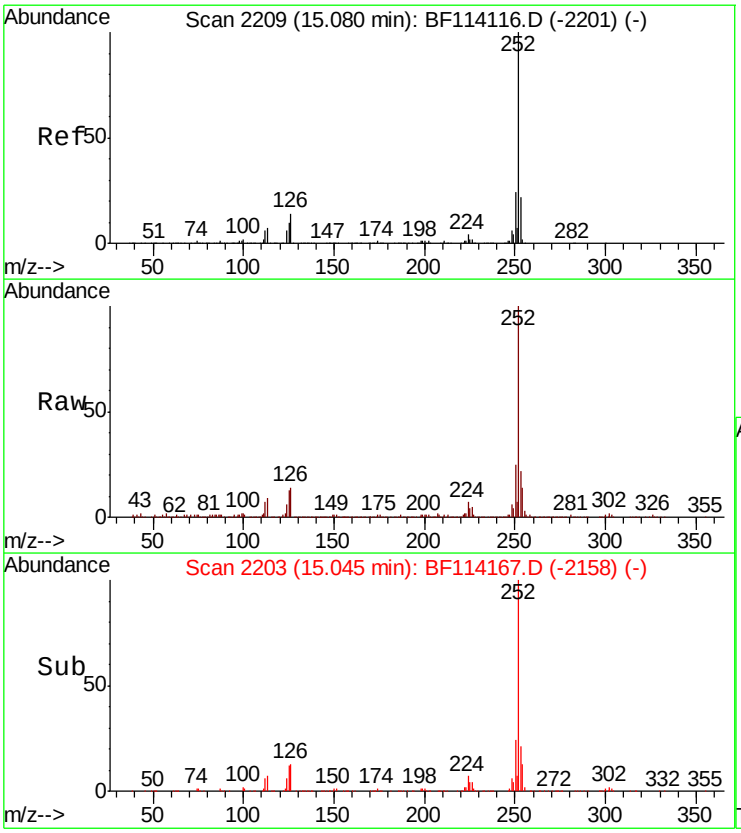
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Tgt Ion:264 Resp: 727216

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	22.3	16.9	25.3

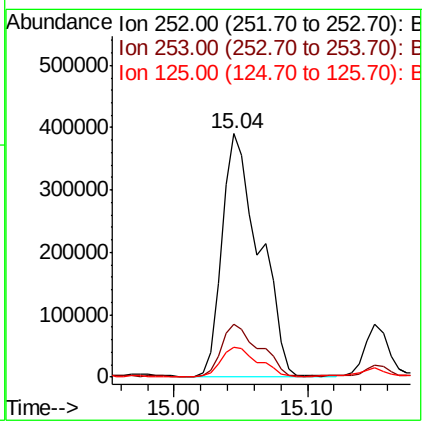


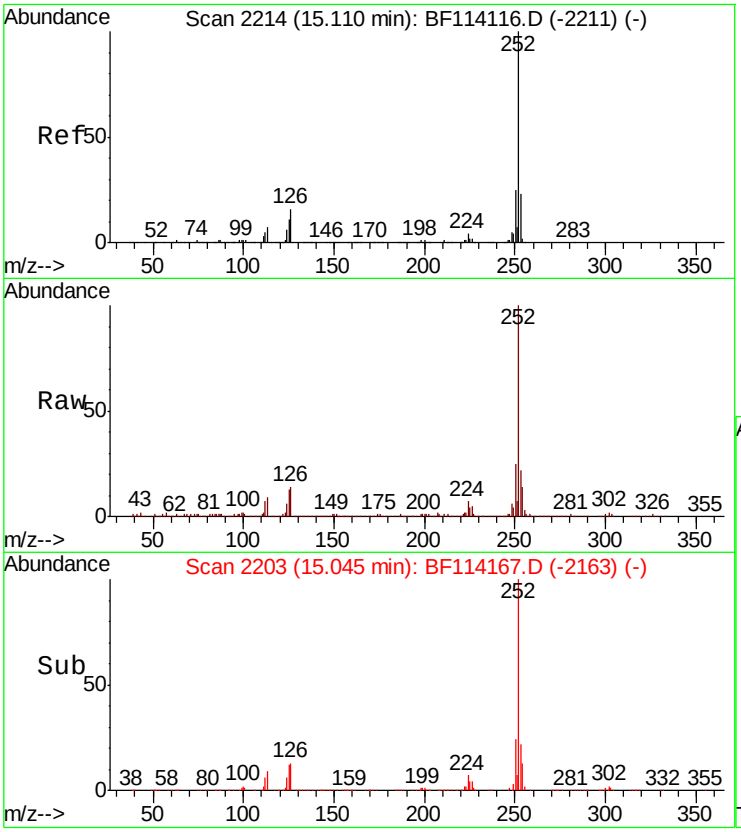


#88
Benzo(b)fluoranthene
Concen: 16.230 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Tgt Ion:252 Resp: 756137

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	12.5	8.3	12.5#



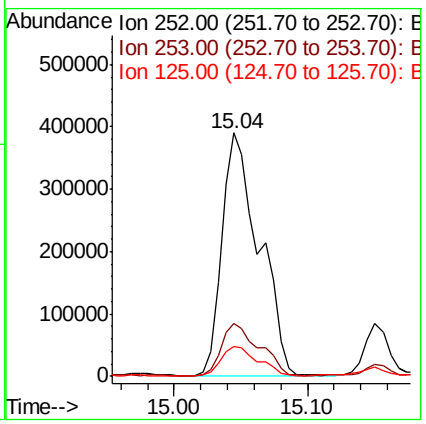


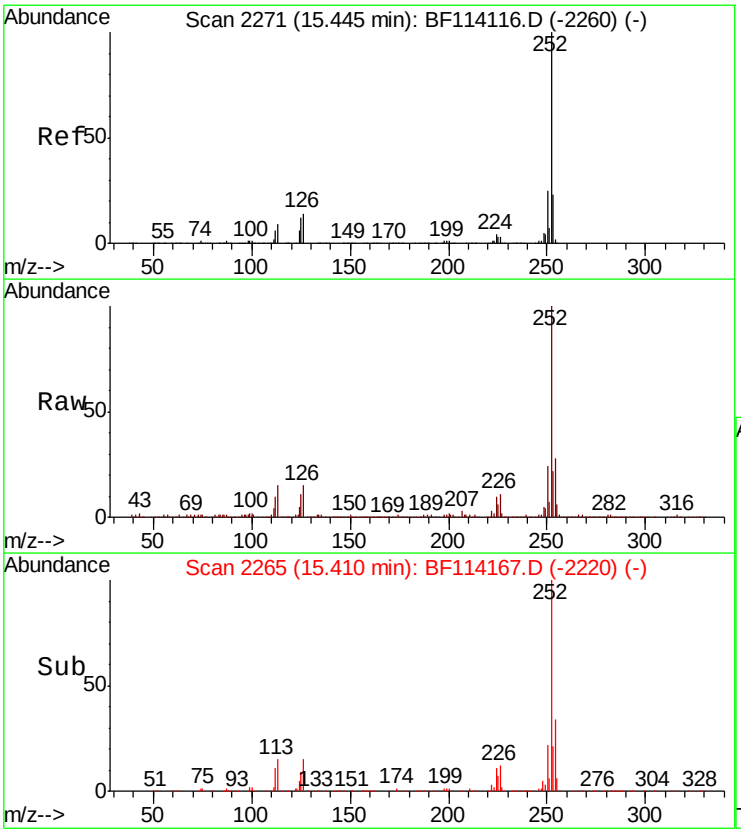
#89
Benzo(k)fluoranthene
Concen: 17.668 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.06 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Tgt Ion:252 Resp: 756137

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	12.5	8.6	13.0

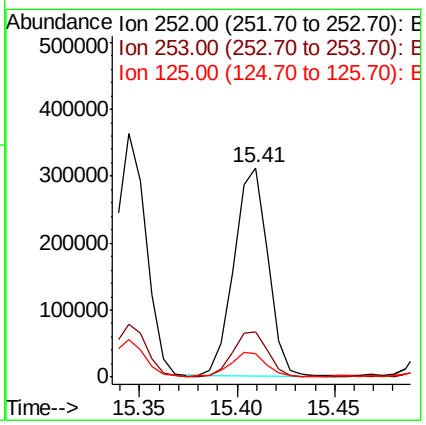


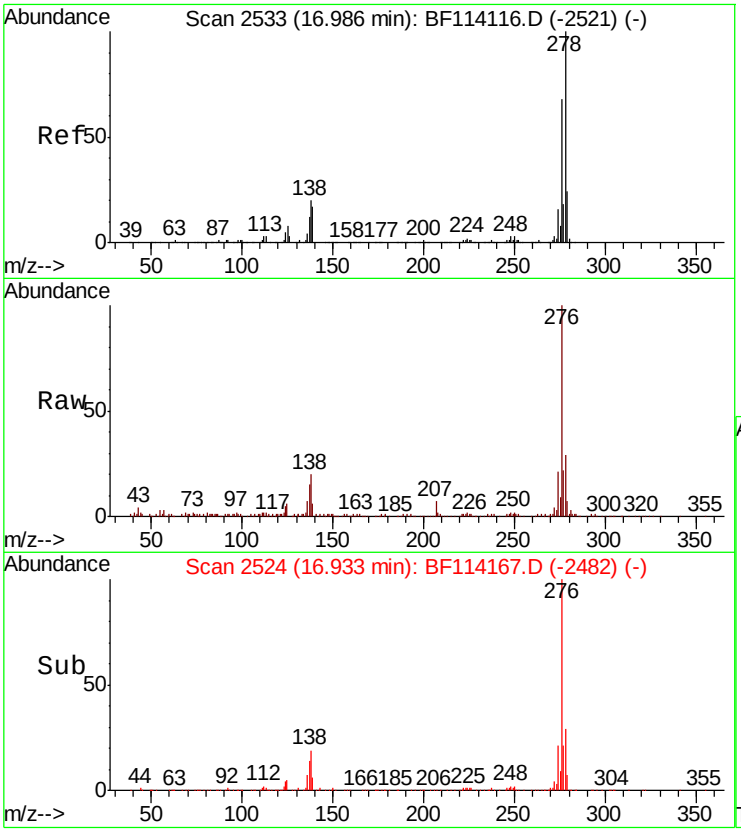


#90
Benzo(a)pyrene
Concen: 9.155 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.04 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Tgt Ion:252 Resp: 375395

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.2	9.5	14.3



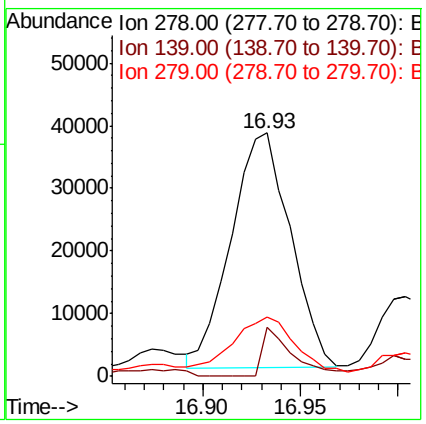


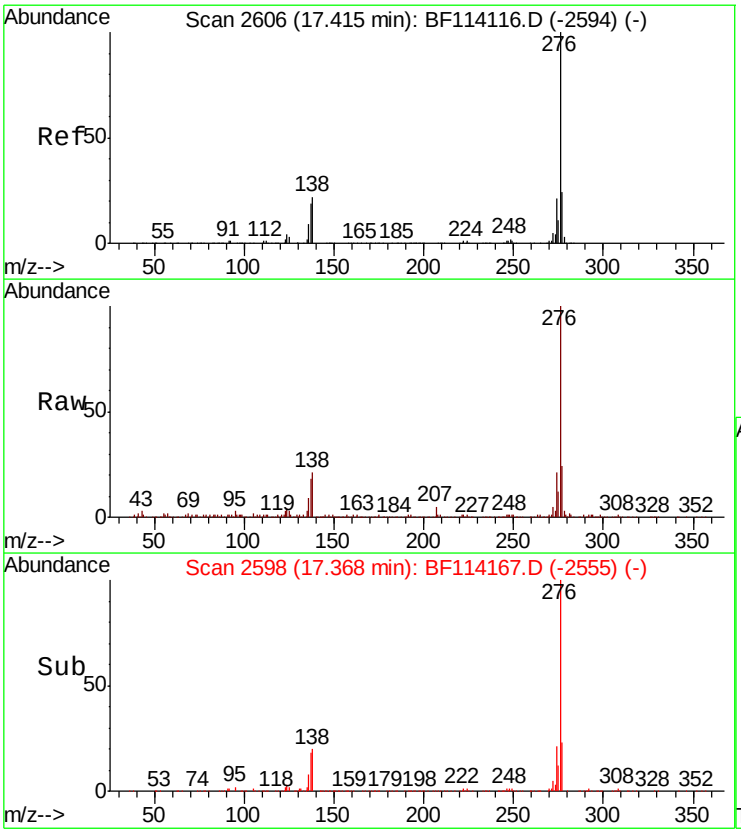
#91
Dibenzo(a,h)anthracene
Concen: 2.328 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.05 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-02

Tgt Ion:278 Resp: 79313

Ion	Ratio	Lower	Upper
278	100		
139	20.0	13.5	20.3
279	24.6	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 10.950 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.05 min
Lab File: BF114167.D
Acq: 11 May 2019 21:48

Tgt Ion:276 Resp: 373894

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	21.2	17.8	26.6