Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114165.D
Acq On : 11 May 2019 20:55
Operator : JU/SJ
Sample : K2765-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS004-1824-01

Quant Time: May 12 05:54:38 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	251287	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	952926	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	450658	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	916371	20.00	ng		0.00
76) Chrysene-d12	14.00	240	712753	20.00	ng		-0.02
87) Perylene-d12	15.47	264	741200	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1775956	113.73	ng		0.00
7) Phenol-d6	6.49	99	2386121	129.20	ng		0.00
23) Nitrobenzene-d5	7.41	82	1449906	85.39	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	573691	123.13	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2206913	74.08	ng		0.00
79) Terphenyl-d14	12.95	244	2358901	68.22	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	190930	16.310	ng	#	77
25) Isophorone	7.41	82	1443047	45.824	ng	#	64
32) Benzoic acid	7.86	122	717	7.086	ng	#	18
49) Acenaphthylene	9.74	152	95315	2.139	ng		98
50) Dimethylphthalate	9.59	163	381139	11.521	ng		99
57) 2,4-Dinitrotoluene	9.88	165	61839	6.209	ng	#	25
67) 4-Bromophenyl-phenylether	10.67	248	36957	3.663	ng	#	1
71) Phenanthrene	11.39	178	249931	5.606	ng		98
75) Fluoranthene	12.58	202	519094	10.812	ng		99
78) Pyrene	12.80	202	934267	16.294	ng		98
81) Benzo(a)anthracene	14.03	228	445466	9.663	ng		98
83) Chrysene	14.03	228	445468	9.857	ng		96
86) Indeno(1,2,3-cd)pyrene	16.93	276	299616	7.502	ng		97
88) Benzo(b)fluoranthene	15.04	252	628102	13.227	ng	#	98
89) Benzo(k)fluoranthene	15.04	252	628102	14.399	ng		98
90) Benzo(a)pyrene	15.41	252	299159	7.158	ng		99
92) Benzo(g,h,i)perylene	17.37	276	360287	10.353	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114165.D
Acq On : 11 May 2019 20:55
Operator : JU/SJ
Sample : K2765-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

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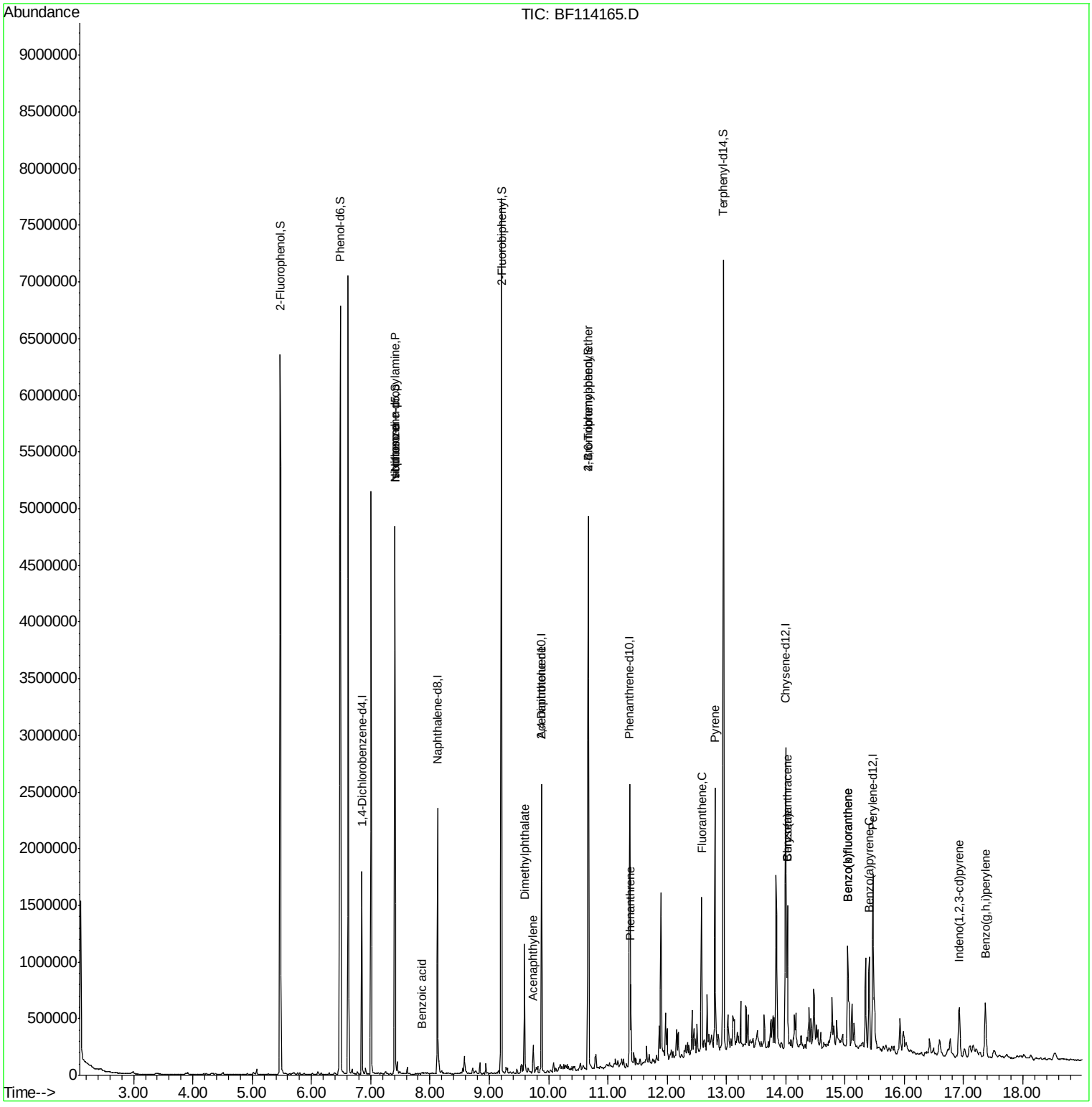
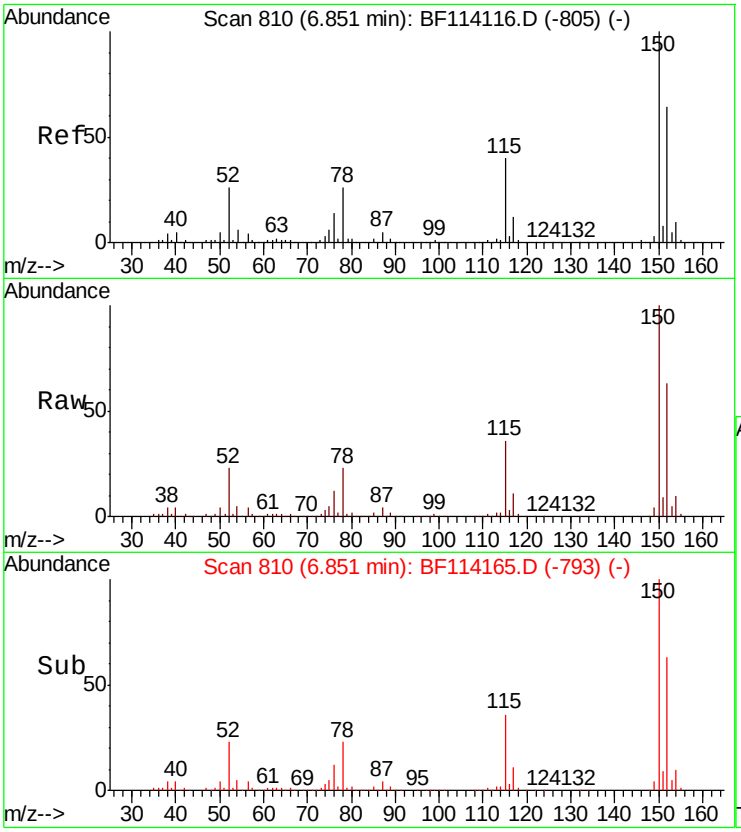


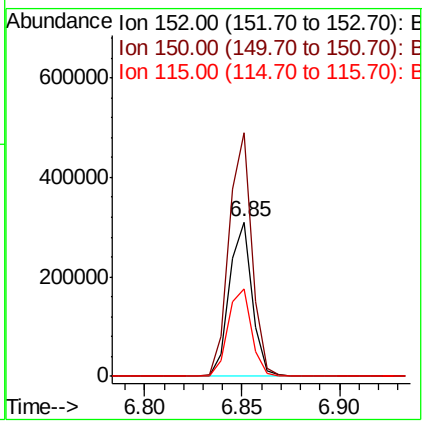


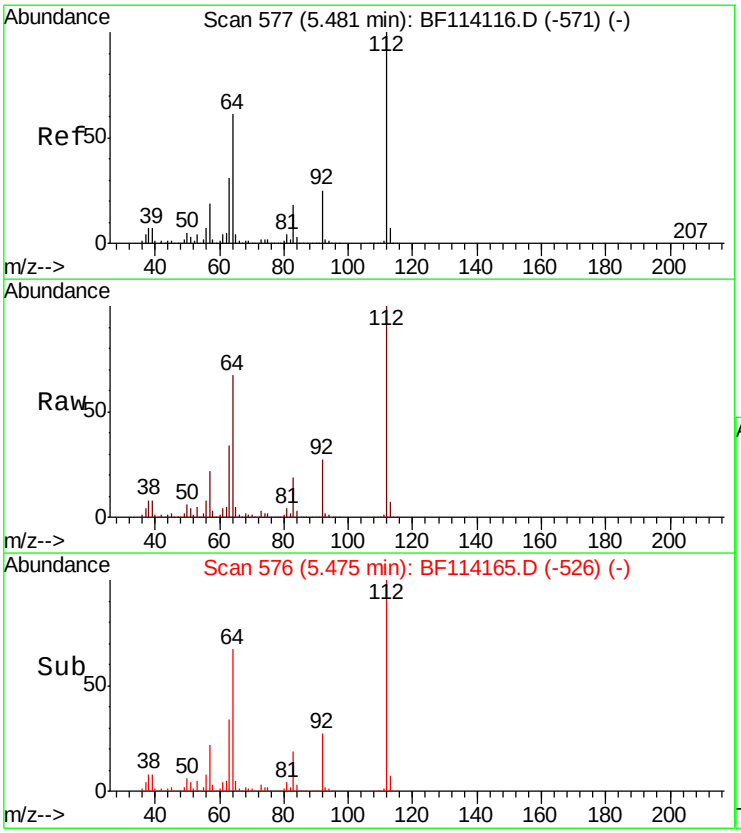
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tgt Ion:152 Resp: 251287

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.3	186.5
115	57.0	49.1	73.7

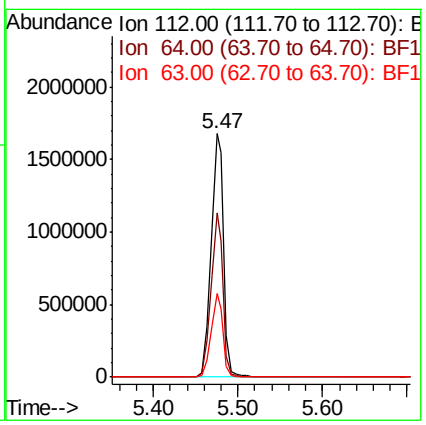


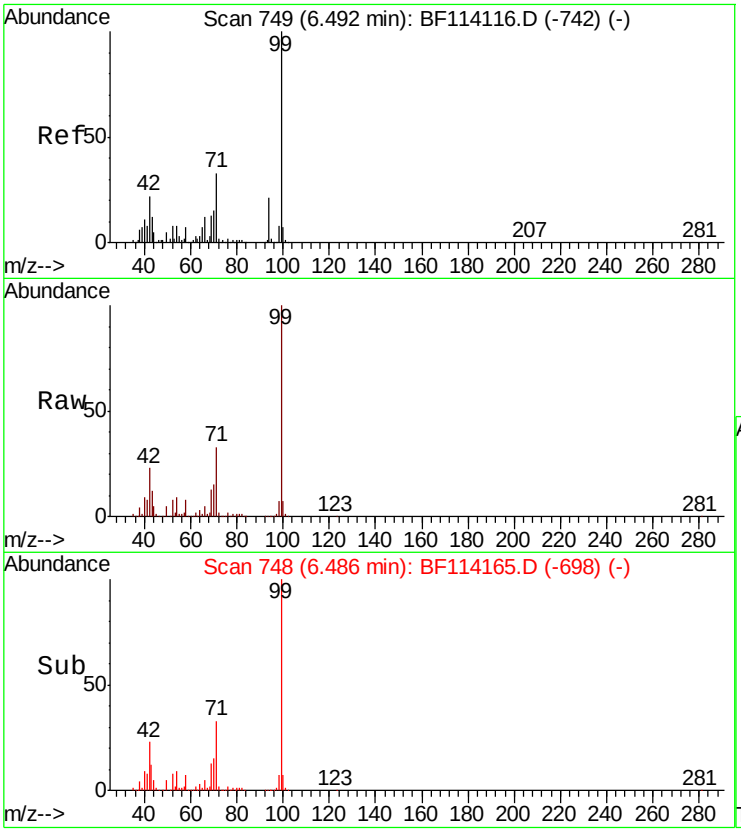


#5
2-Fluorophenol
Concen: 113.734 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion:112 Resp: 1775956

Ion	Ratio	Lower	Upper
112	100		
64	67.4	49.0	73.6
63	34.4	24.6	37.0



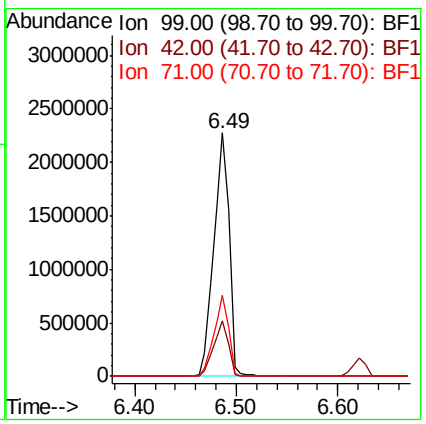


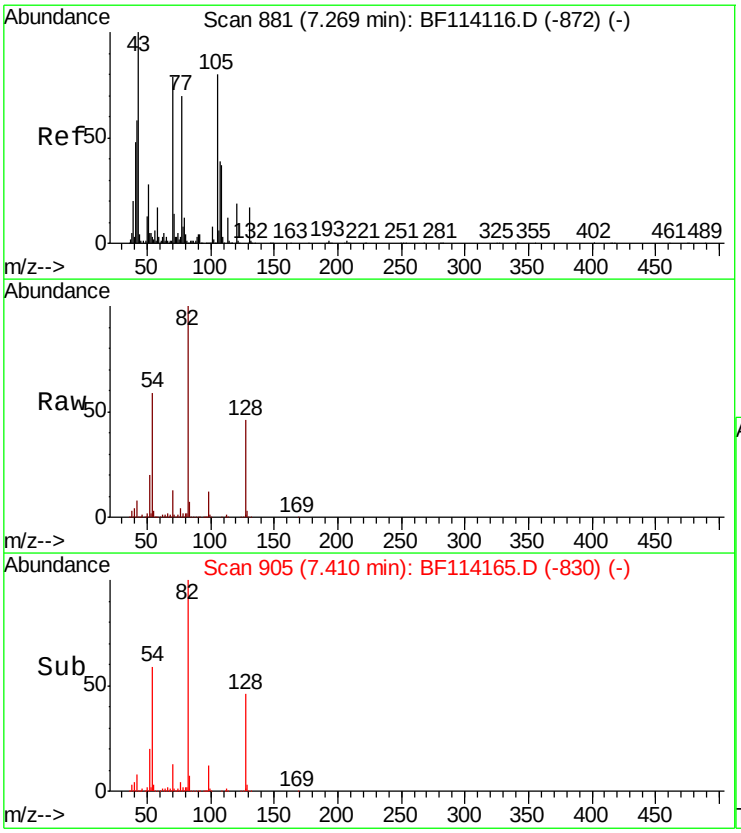
#7
Phenol-d6
Concen: 129.200 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tgt Ion: 99 Resp: 2386121

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.9	26.9
71	33.3	26.2	39.2

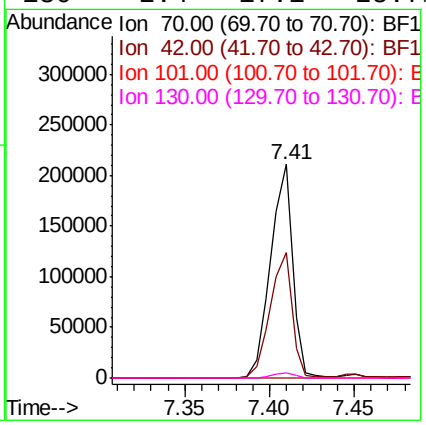


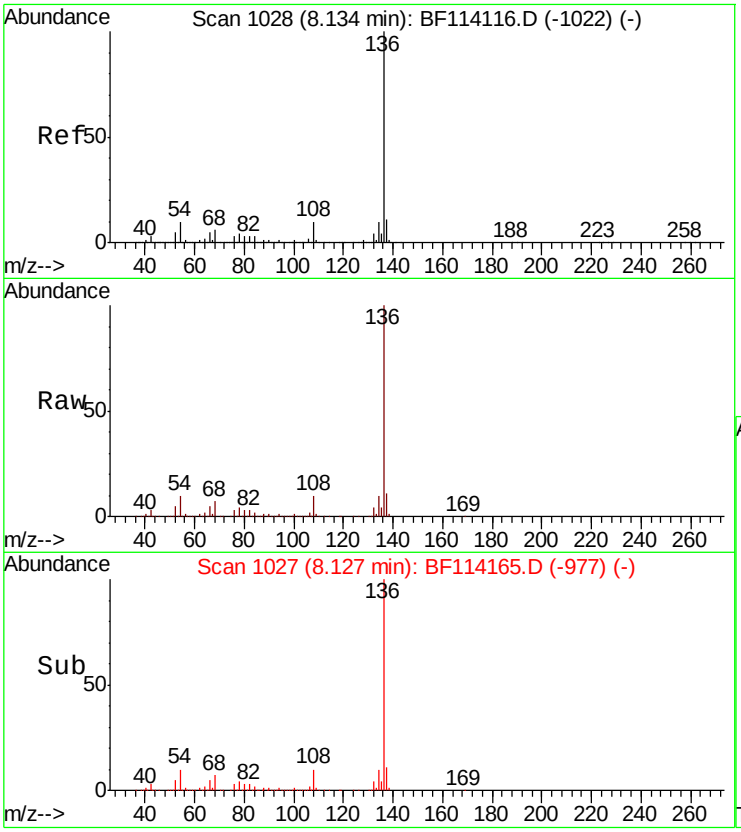


#19
n-Nitroso-di-n-propylamine
Concen: 16.310 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion: 70 Resp: 190930

Ion	Ratio	Lower	Upper
70	100		
42	58.5	58.6	87.8#
101	0.0	7.8	11.8#
130	2.4	17.1	25.7#



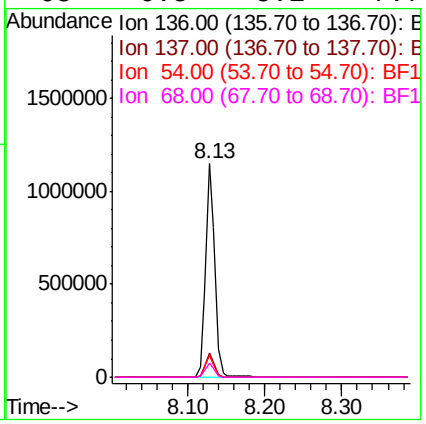


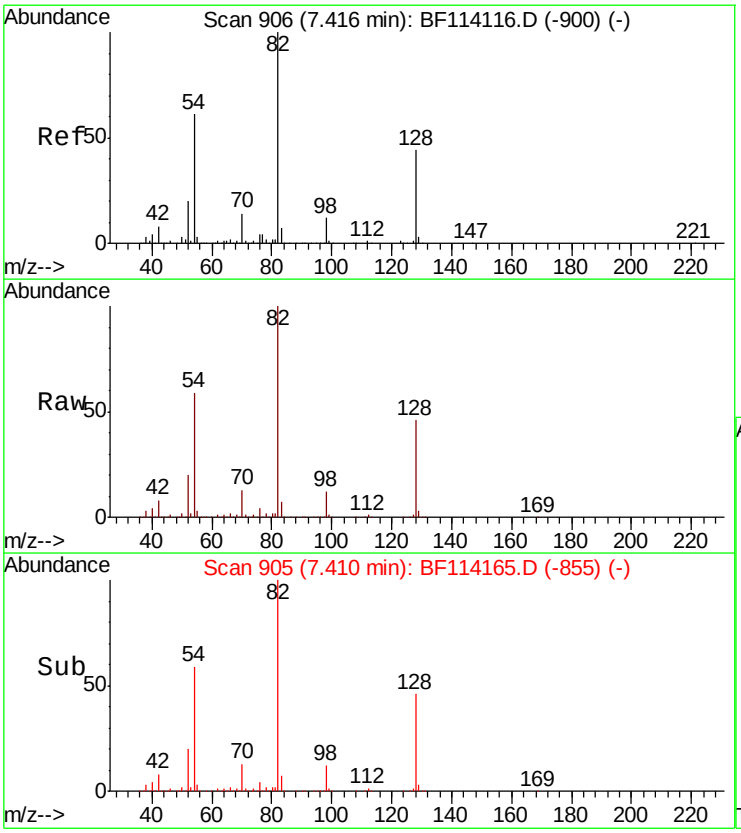
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tgt Ion:136 Resp: 952926

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.0	7.8	11.8
68	6.5	5.1	7.7

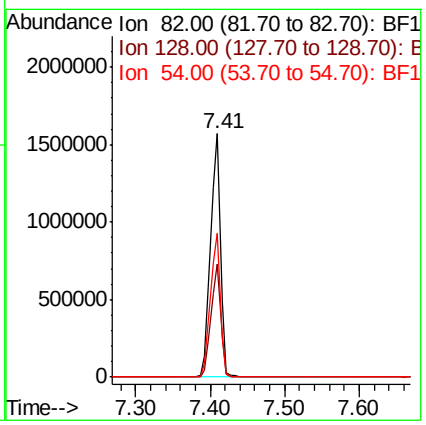


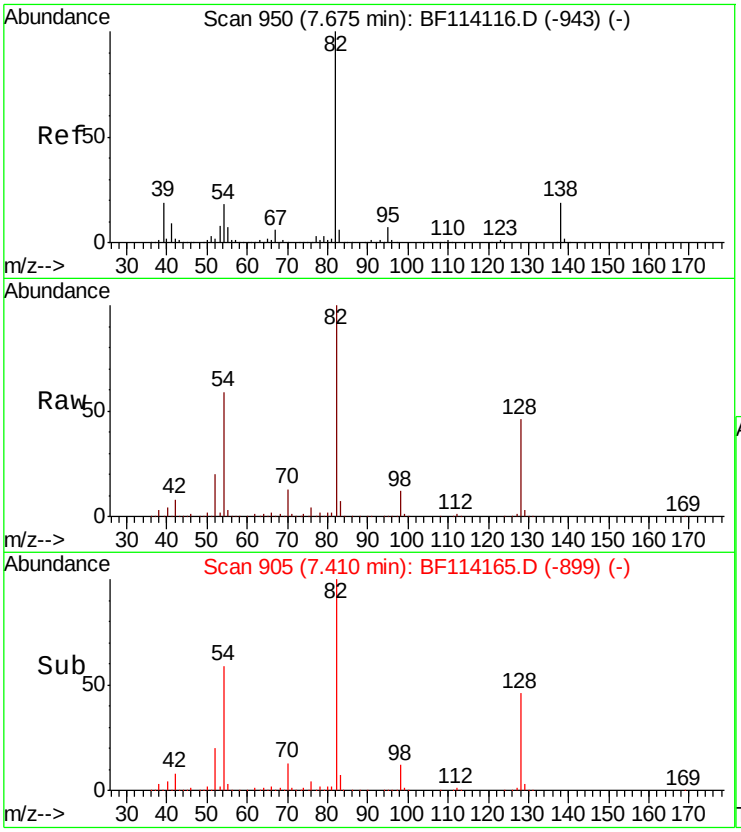


#23
Nitrobenzene-d5
Concen: 85.388 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion: 82 Resp: 1449906

Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.5	53.3
54	59.2	48.5	72.7



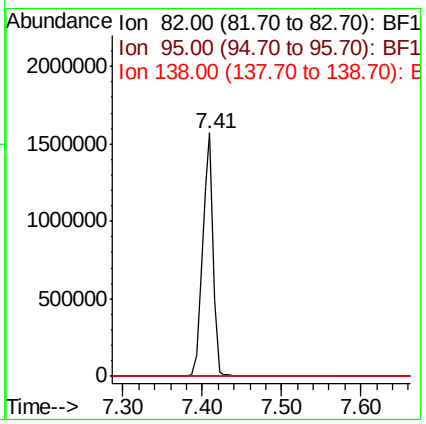


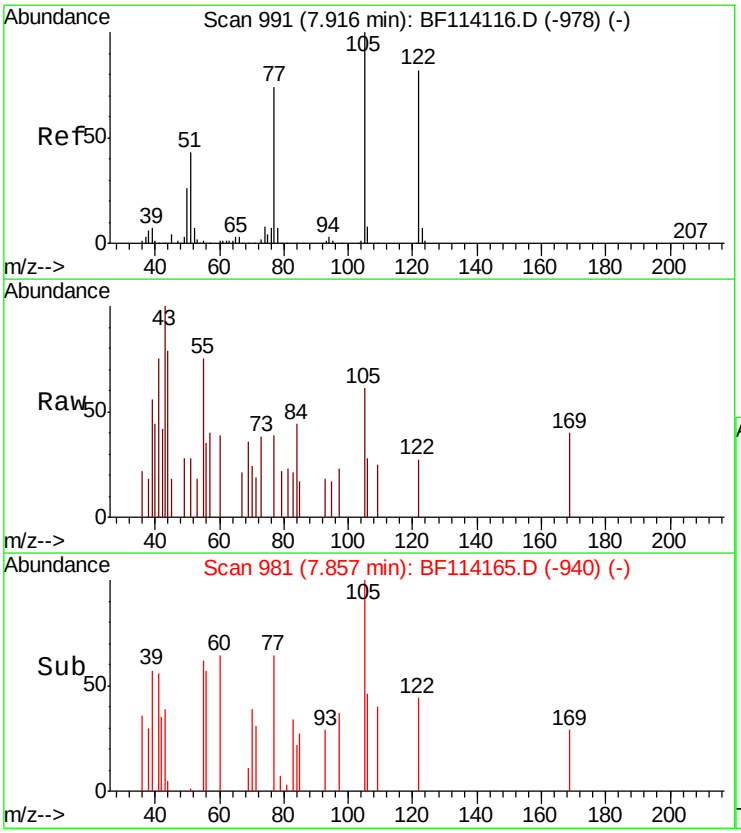
#25
Isophorone
Concen: 45.824 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tgt Ion: 82 Resp: 1443047

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

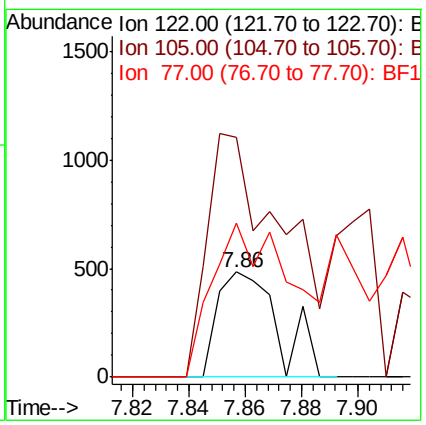


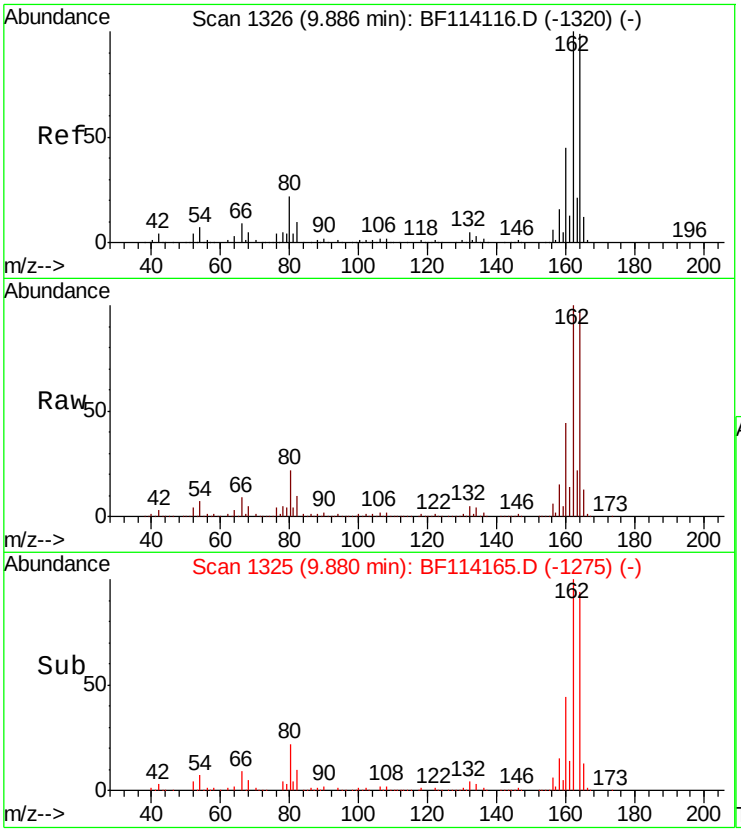


#32
Benzoic acid
Concen: 7.086 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.06 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion:122 Resp: 717

Ion	Ratio	Lower	Upper
122	100		
105	228.1	99.9	139.9#
77	146.3	69.4	109.4#



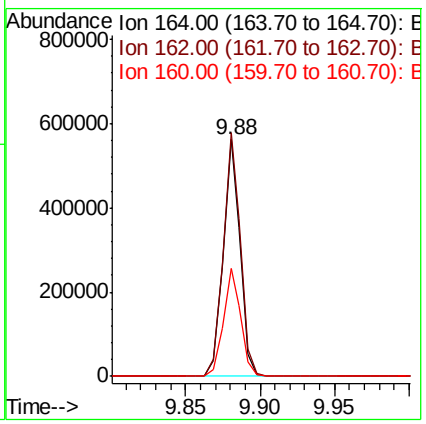


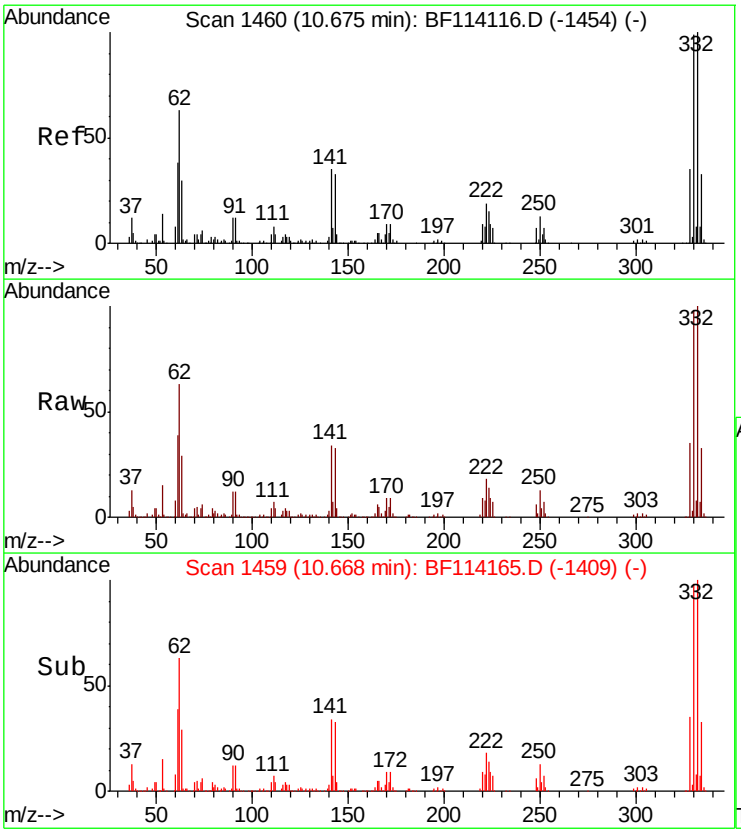
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tgt Ion:164 Resp: 450658

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	120.8
160	45.6	36.5	54.7

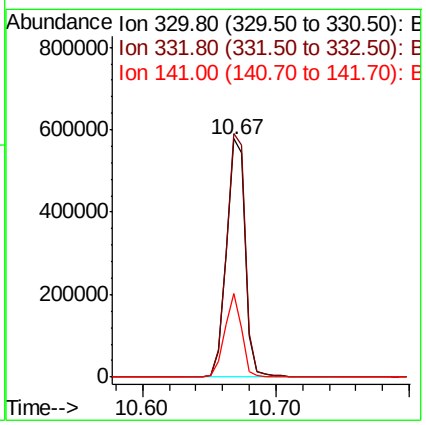


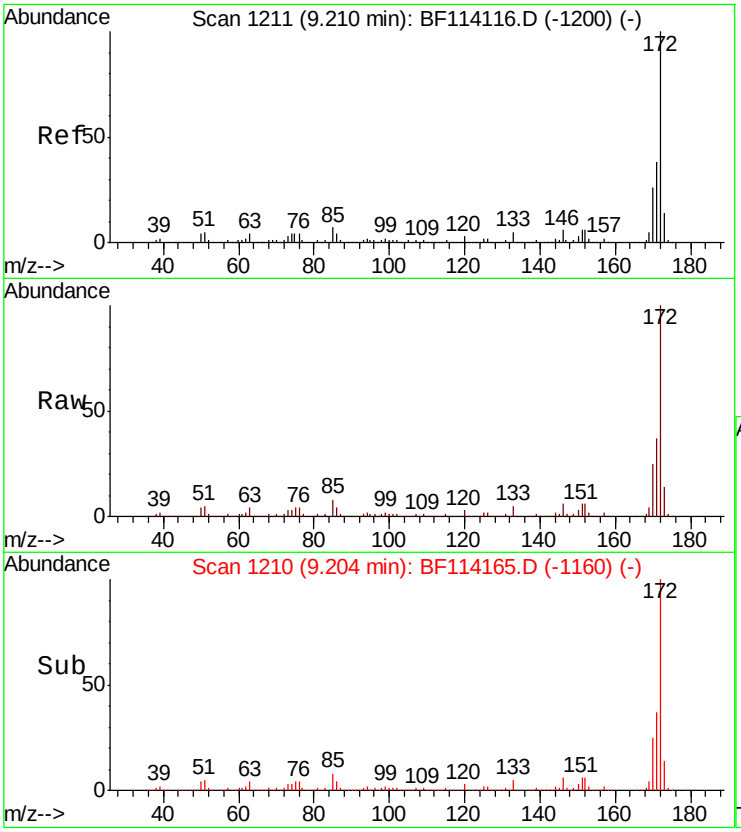


#42
2,4,6-Tribromophenol
Concen: 123.135 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion:330 Resp: 573691

Ion	Ratio	Lower	Upper
330	100		
332	102.9	81.4	122.2
141	32.2	26.6	40.0



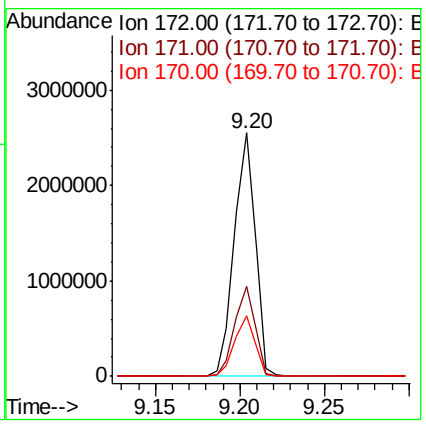


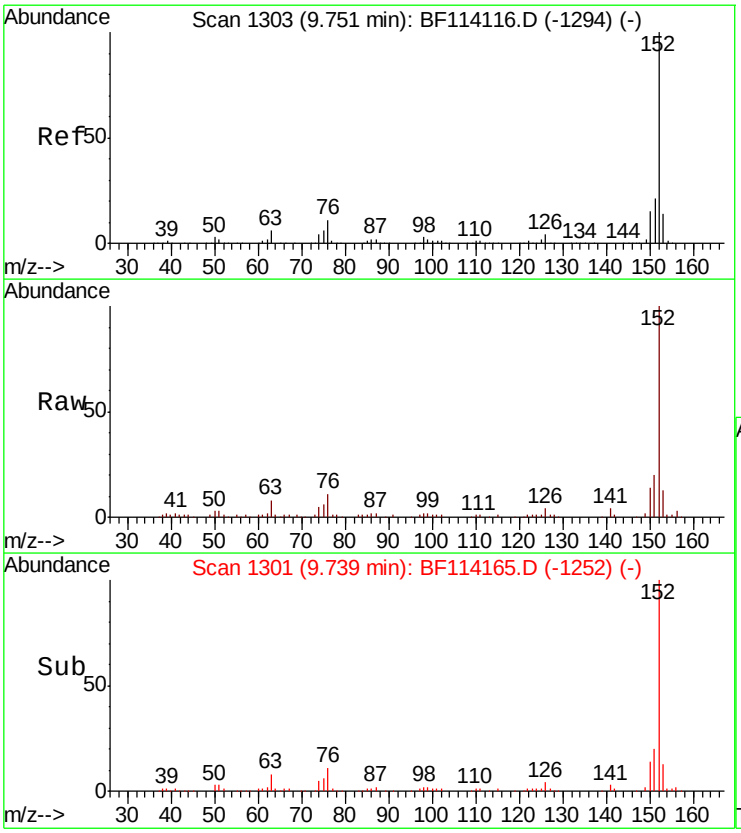
#45
2-Fluorobiphenyl
Concen: 74.077 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tgt Ion:172 Resp: 2206913

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.7	46.1
170	24.9	20.5	30.7

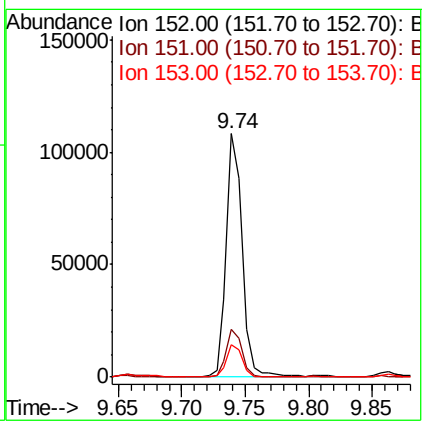


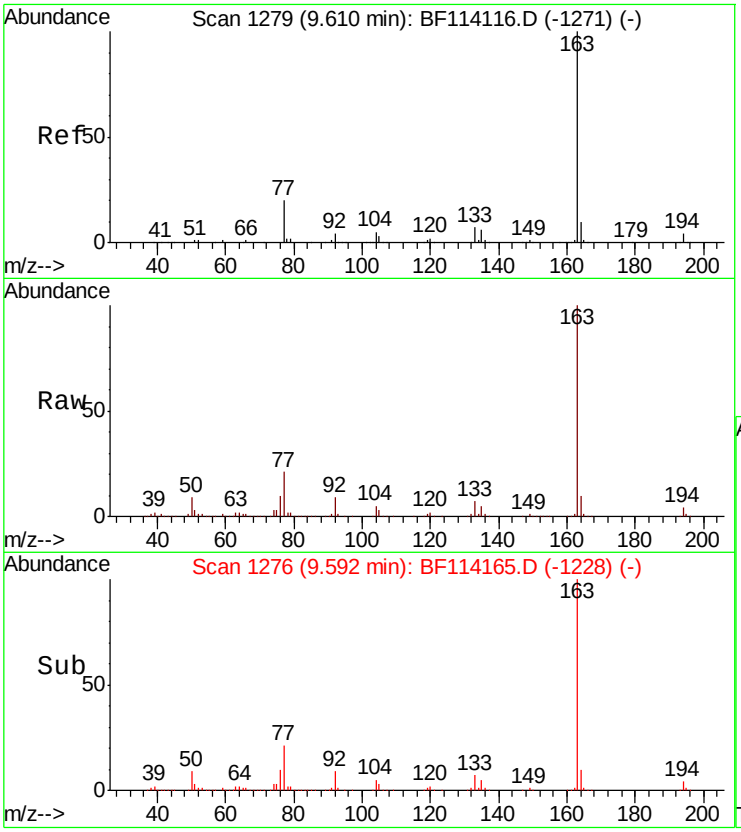


#49
Acenaphthylene
Concen: 2.139 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion:152 Resp: 95315

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	13.4	11.4	17.2



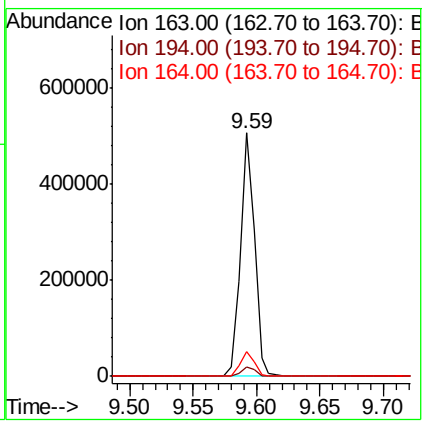


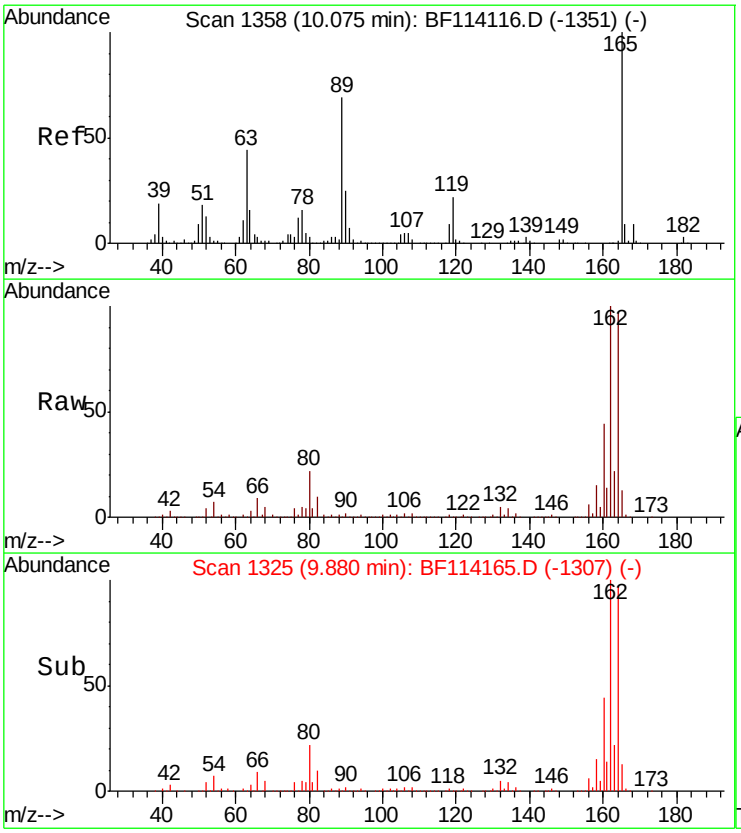
#50
Dimethylphthalate
Concen: 11.521 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tgt Ion:163 Resp: 381139

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.4	8.2	12.2

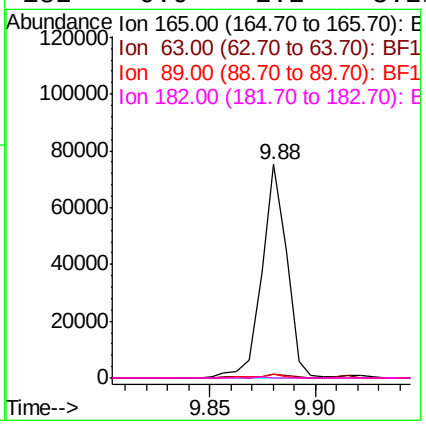


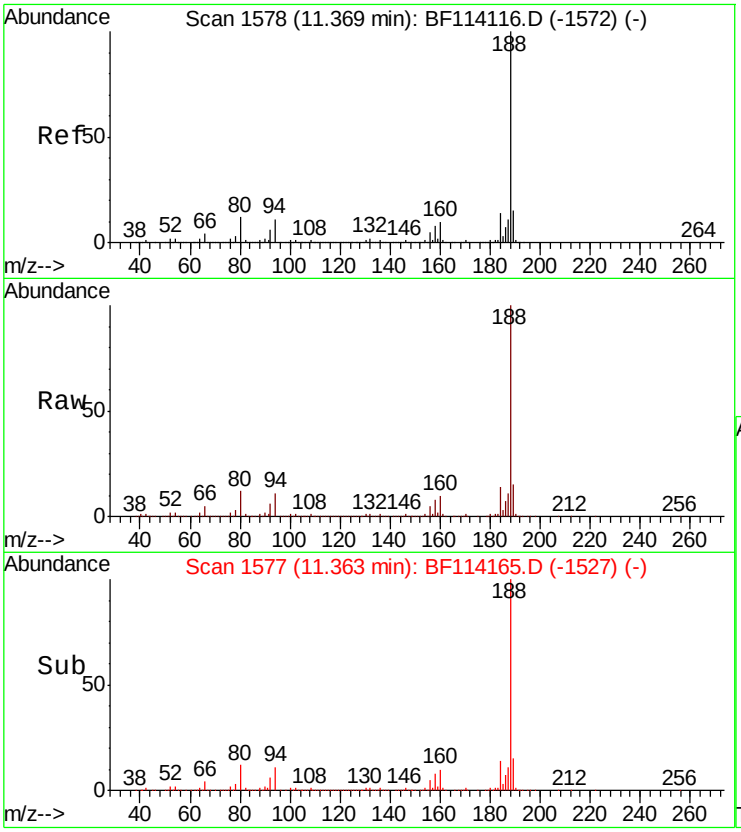


#57
2,4-Dinitrotoluene
Concen: 6.209 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion:165 Resp: 61839

Ion	Ratio	Lower	Upper
165	100		
63	1.6	35.5	53.3#
89	1.5	55.2	82.8#
182	0.0	2.2	3.2#



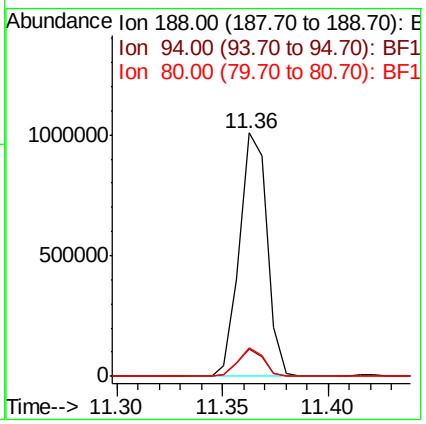


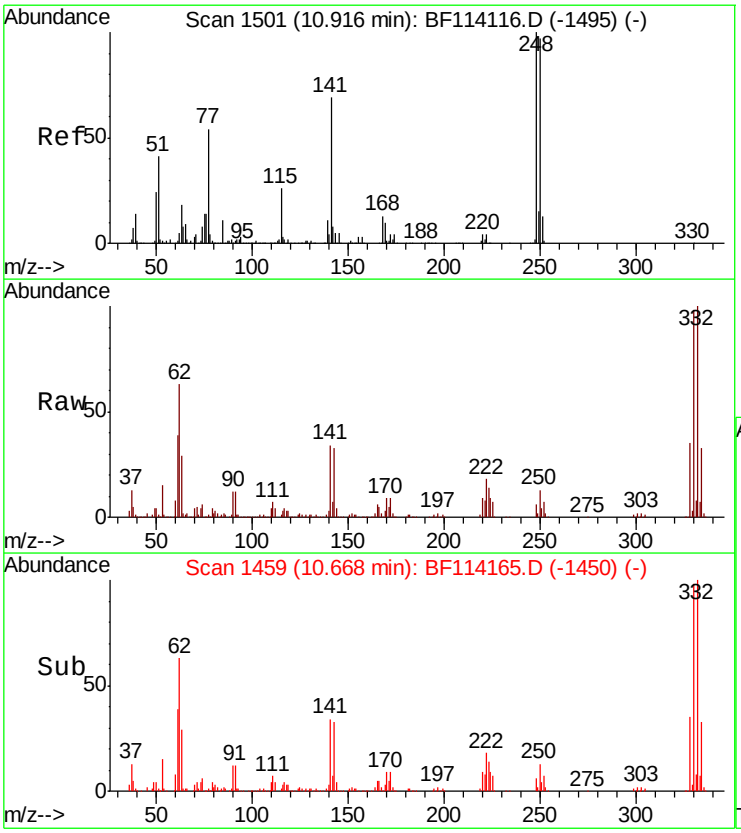
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tgt Ion:188 Resp: 916371

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.4	12.6
80	11.7	9.2	13.8

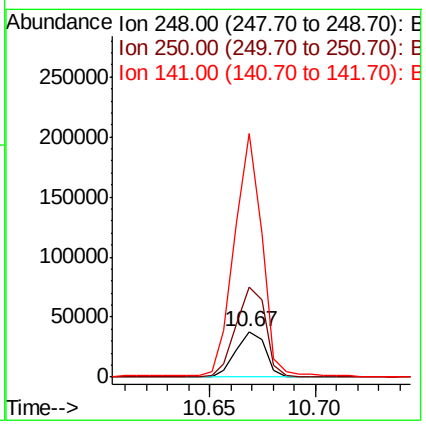


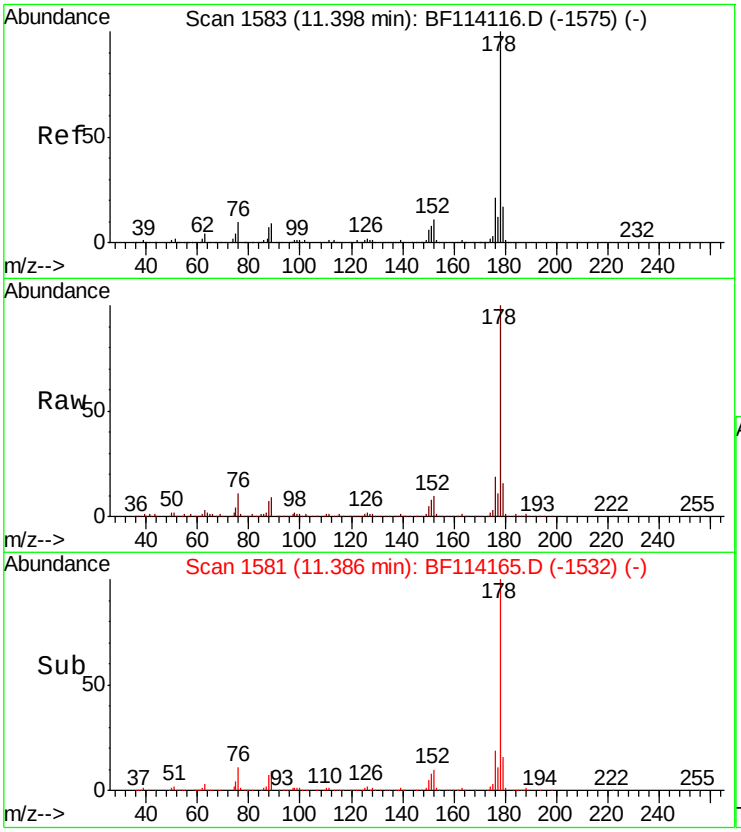


#67
4-Bromophenyl-phenylether
Concen: 3.663 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion:248 Resp: 36957

Ion	Ratio	Lower	Upper
248	100		
250	198.3	77.4	116.2#
141	534.0	55.6	83.4#



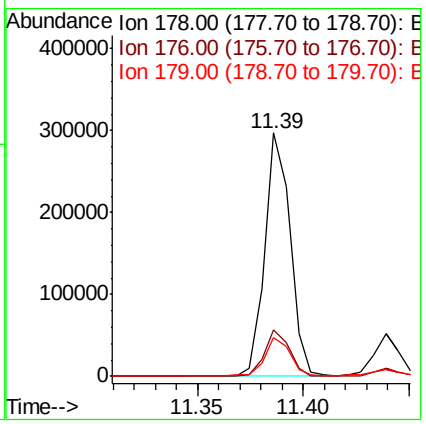


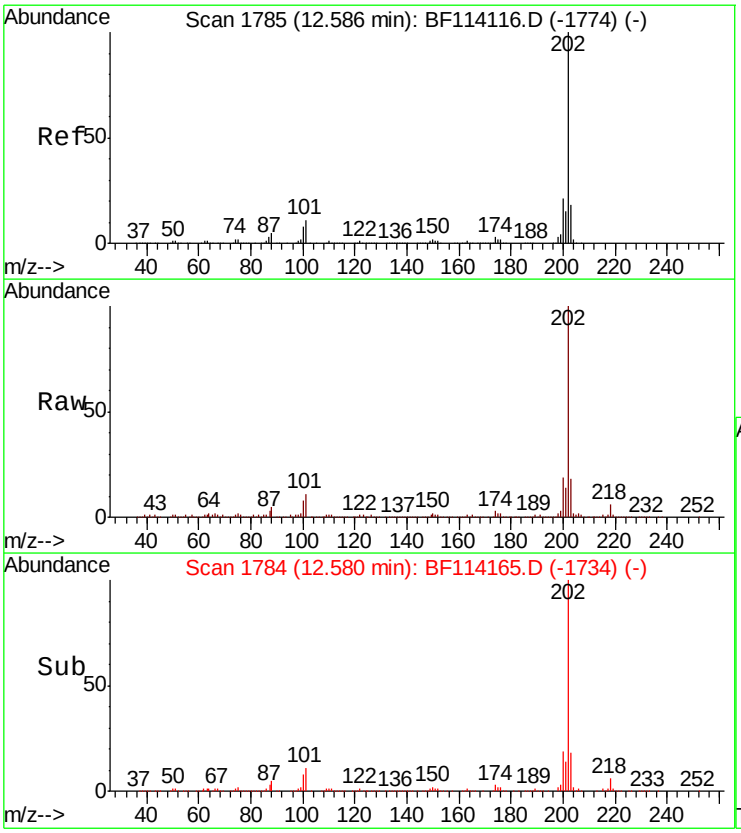
#71
Phenanthrene
Concen: 5.606 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tgt Ion:178 Resp: 249931

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.4	24.6
179	16.0	13.2	19.8

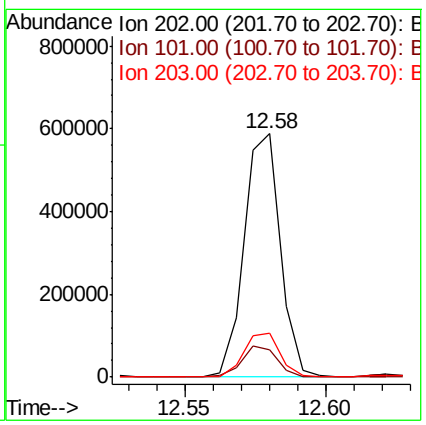


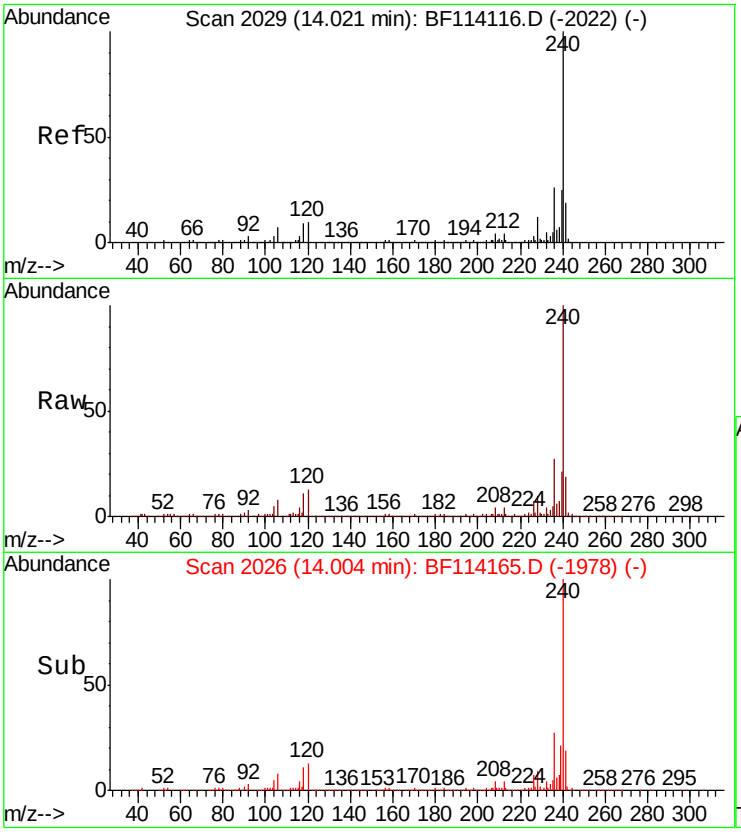


#75
Fluoranthene
Concen: 10.812 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion:202 Resp: 519094

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.0
203	17.9	0.0	38.4



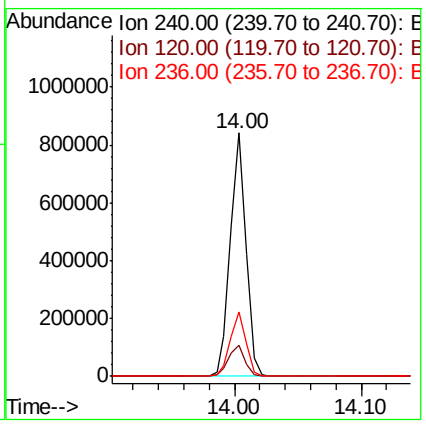


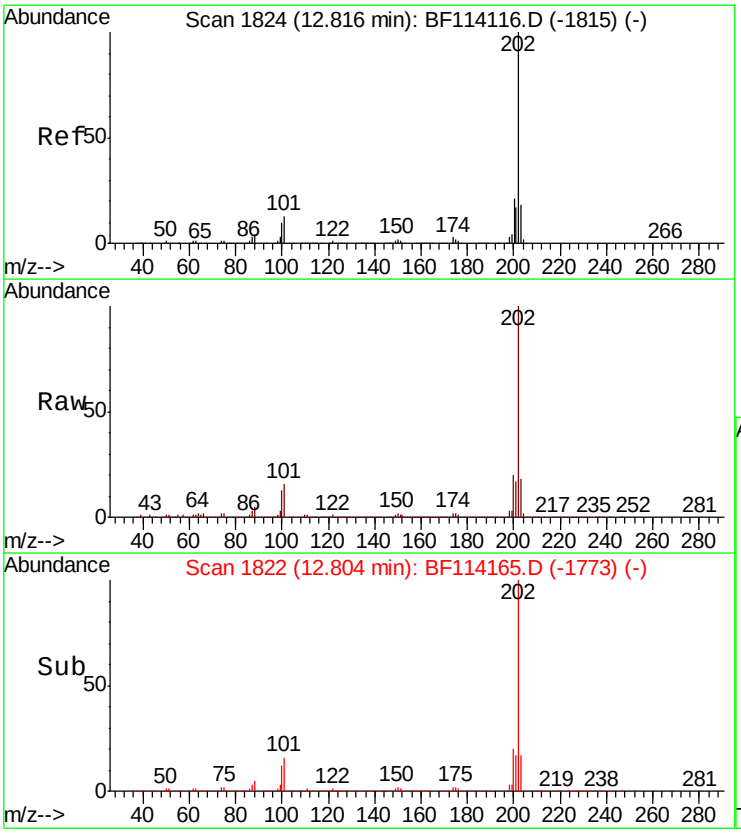
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tgt Ion:240 Resp: 712753

Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.3	12.5#
236	26.6	20.8	31.2

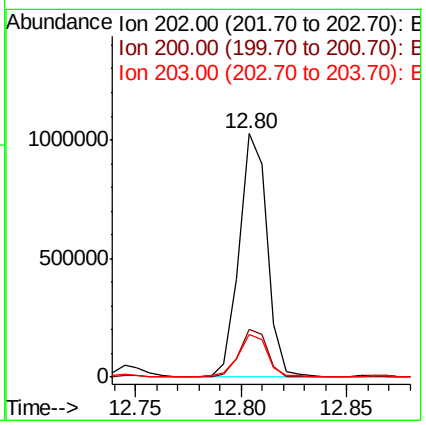


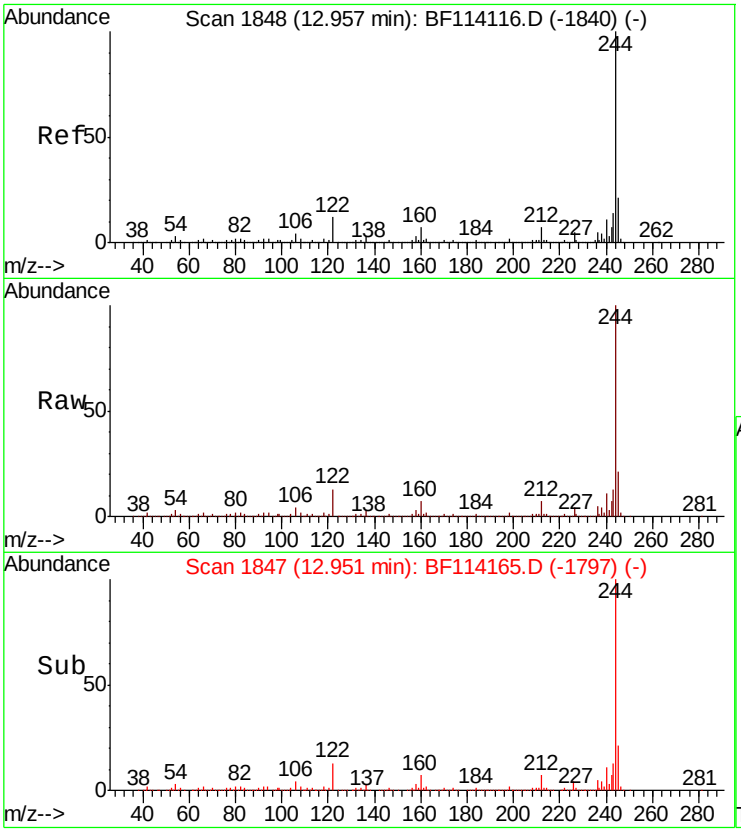


#78
Pyrene
Concen: 16.294 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion:202 Resp: 934267

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.9	25.3
203	17.7	14.5	21.7



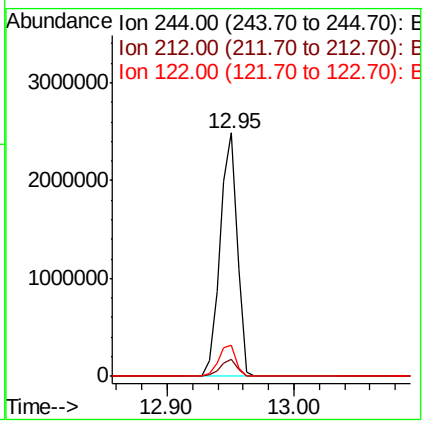


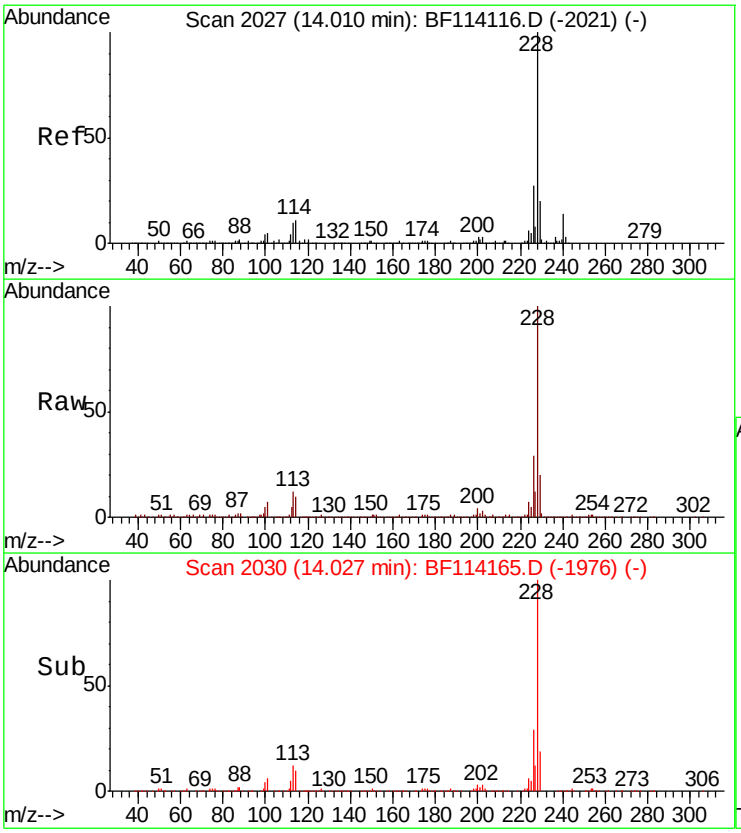
#79
Terphenyl-d14
Concen: 68.224 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tgt Ion:244 Resp: 2358901

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.0	9.4	14.2

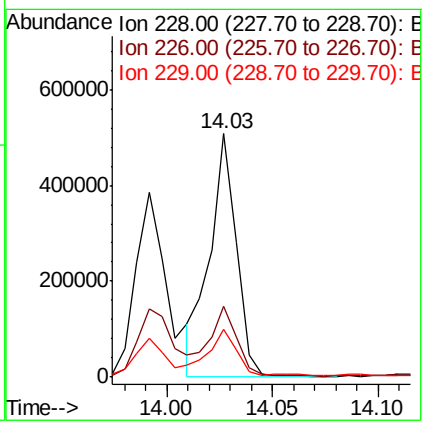


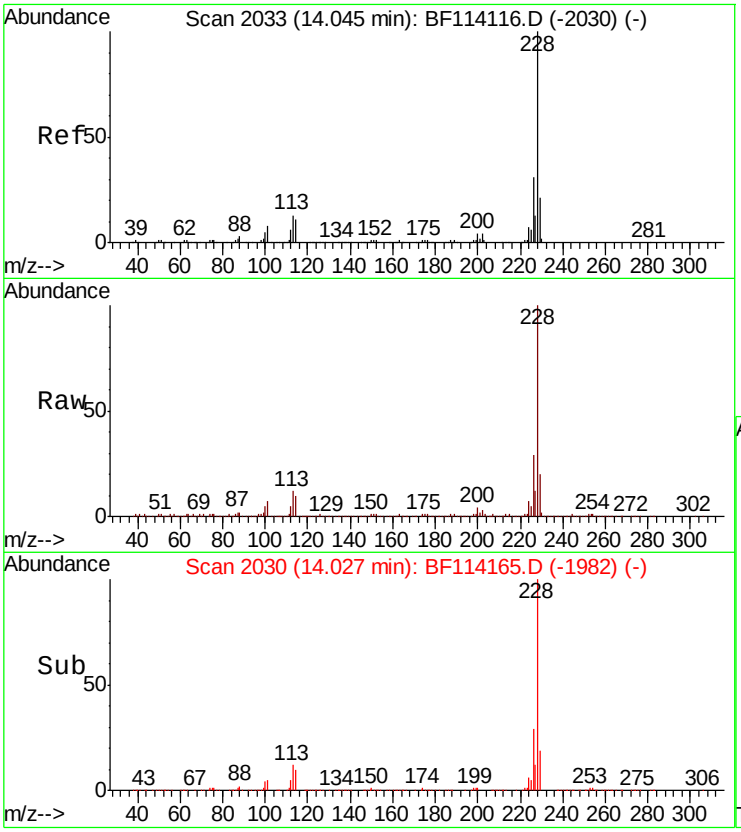


#81
Benzo(a)anthracene
Concen: 9.663 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.02 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion:228 Resp: 445466

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.2	33.2
229	19.7	16.4	24.6



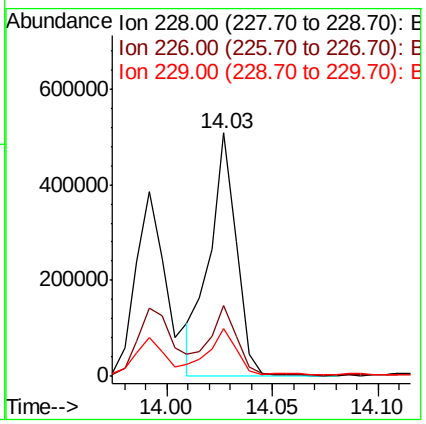


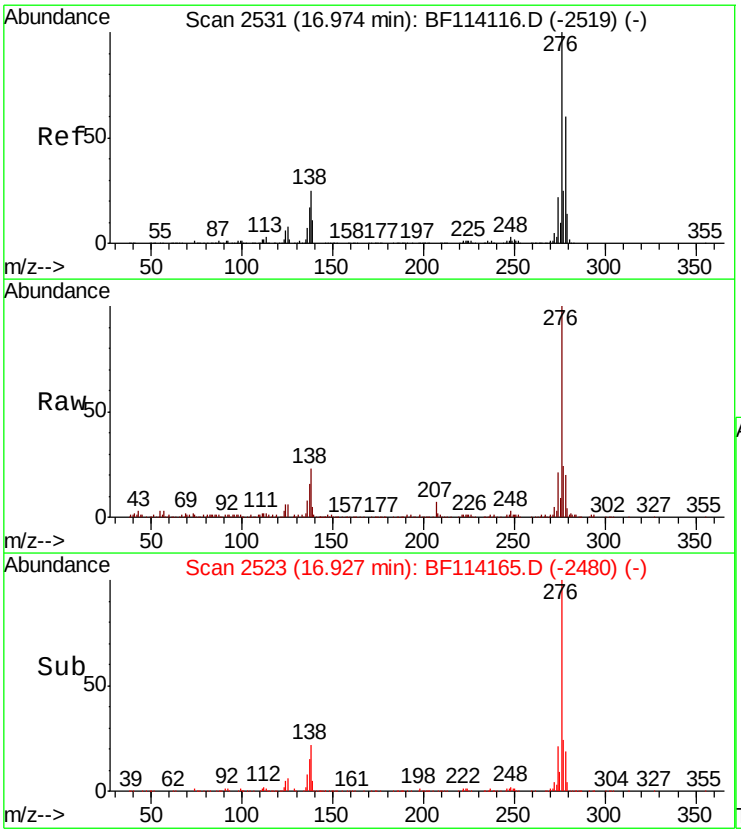
#83
Chrysene
Concen: 9.857 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tgt Ion:228 Resp: 445468

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	19.7	17.0	25.6

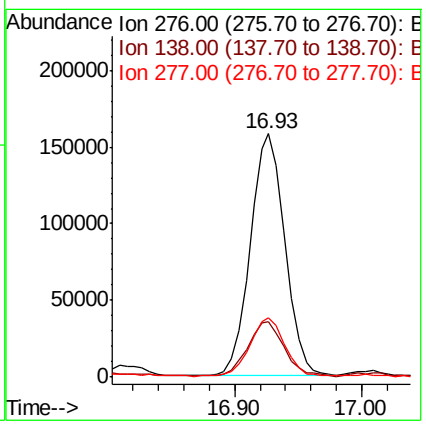


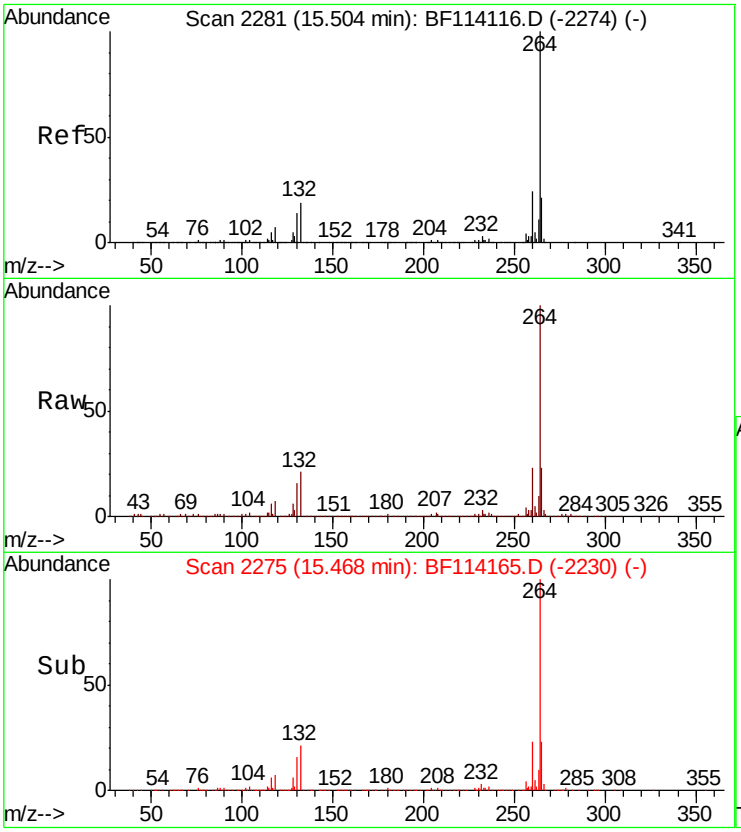


#86
Indeno(1,2,3-cd)pyrene
Concen: 7.502 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.05 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion:276 Resp: 299616

Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.2	30.2
277	24.0	20.0	30.0



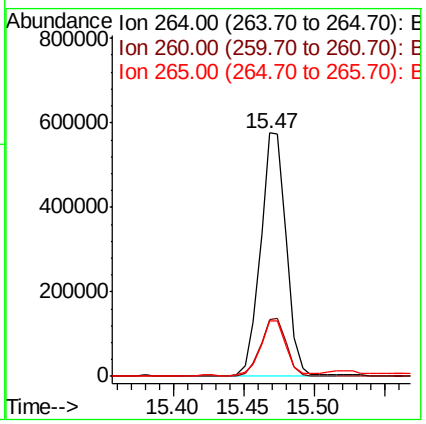


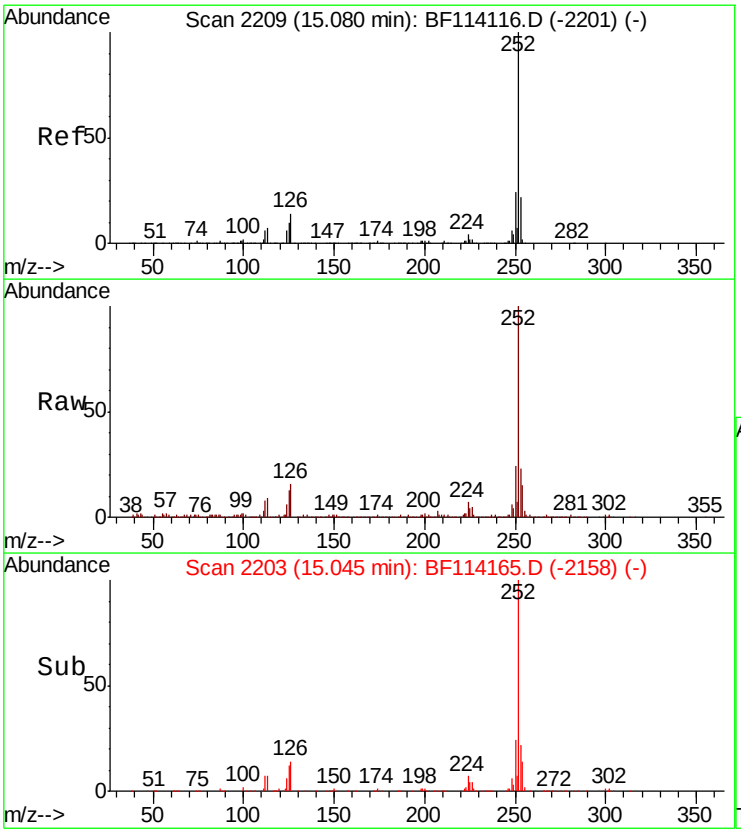
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tgt Ion:264 Resp: 741200

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	23.0	16.9	25.3

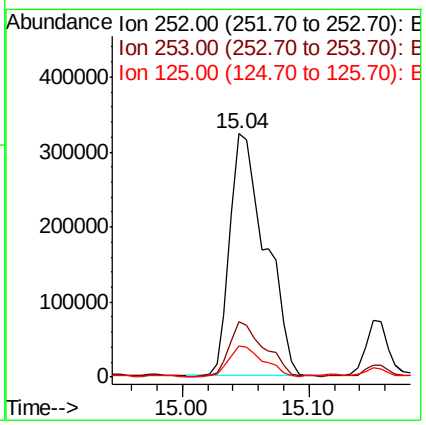


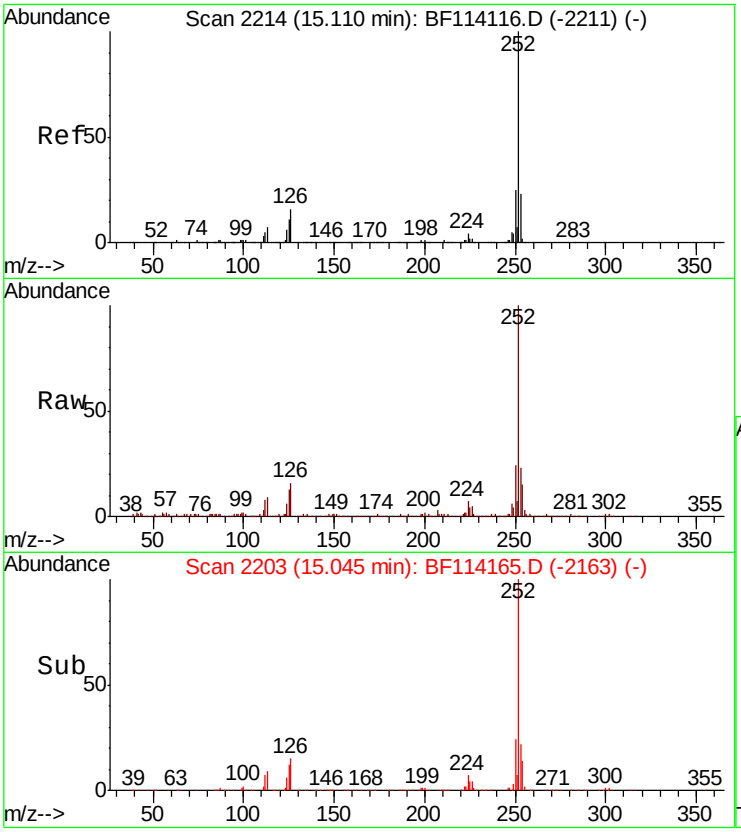


#88
Benzo(b)fluoranthene
Concen: 13.227 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion:252 Resp: 628102

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	12.6	8.3	12.5#



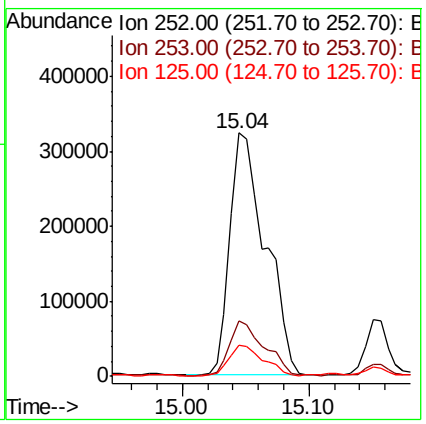


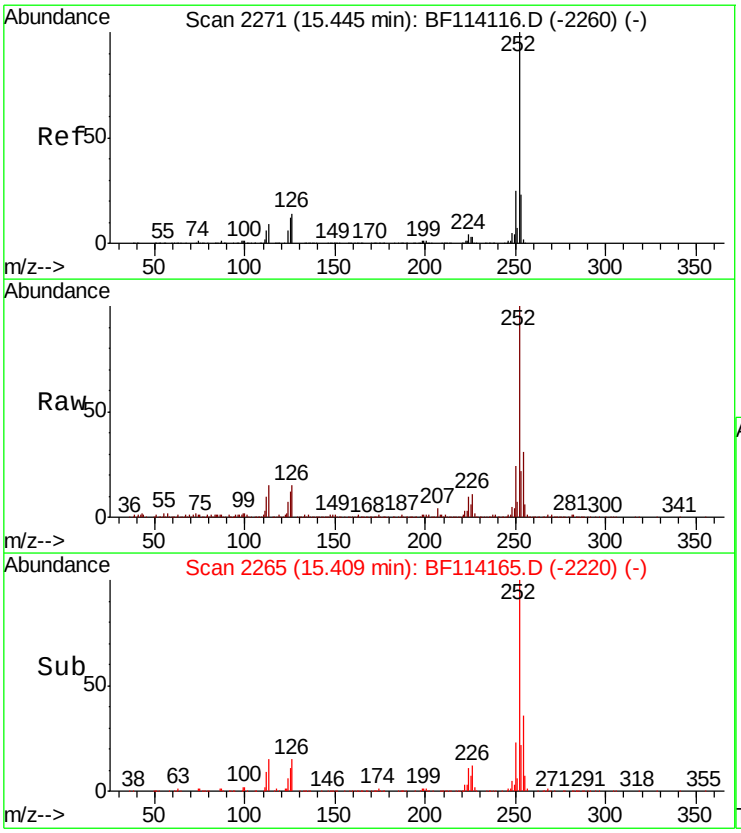
#89
Benzo(k)fluoranthene
Concen: 14.399 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.06 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tgt Ion:252 Resp: 628102

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	12.6	8.6	13.0

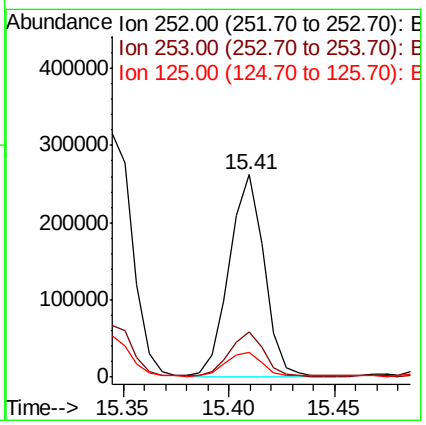


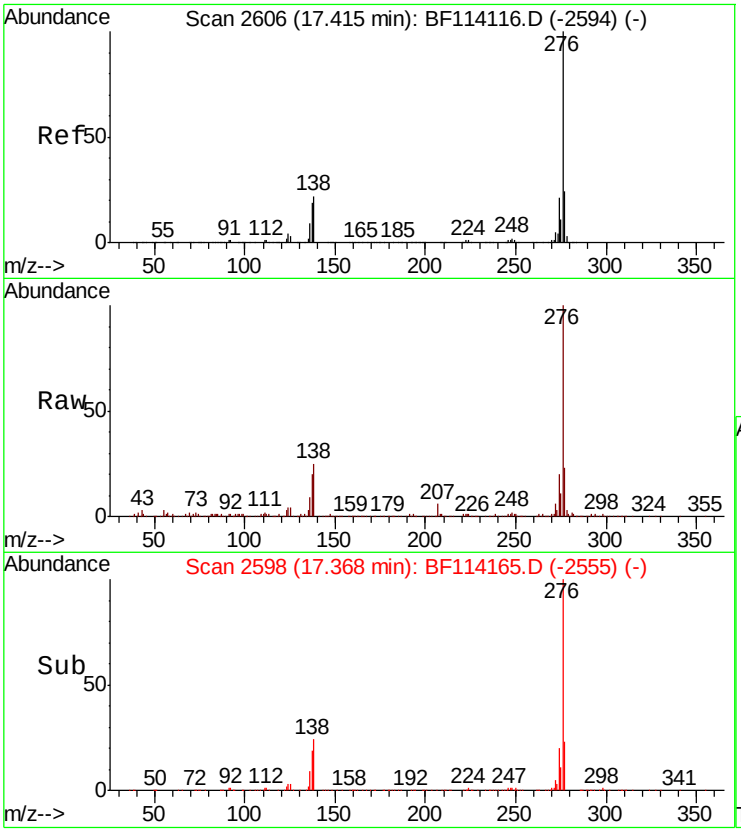


#90
Benzo(a)pyrene
Concen: 7.158 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.04 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion:252 Resp: 299159

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.0	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 10.353 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.05 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tgt Ion:276 Resp: 360287

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	24.9	17.8	26.6