Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\

Quantitation Report (Not Reviewed)

Data File : BF114744.D
Acq On : 1 Jun 2019 9:34
Operator : HP/JU
Sample : K3097-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0443-PR-6(PASSAIC)

Quant Time: Jun 03 01:33:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	385495	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1435919	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	704521	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	1353882	20.00	ng		0.00
76) Chrysene-d12	13.81	240	854168	20.00	ng		0.00
87) Perylene-d12	15.20	264	907223	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	2642582	120.35	ng		0.02
7) Phenol-d6	6.33	99	3258186	123.14	ng		0.00
23) Nitrobenzene-d5	7.26	82	1977750	85.93	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	795494	118.50	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	2837261	73.48	ng		0.00
79) Terphenyl-d14	12.77	244	2911594	64.09	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.47	77	62475	Below Cal			83
19) n-Nitroso-di-n-propylamine	7.26	70	273615	14.982	ng	#	76
25) Isophorone	7.26	82	1922606	41.625	ng	#	63
31) Naphthalene	7.99	128	371186	5.612	ng		95
50) Dimethylphthalate	9.44	163	550040	11.204	ng		99
57) 2,4-Dinitrotoluene	9.72	165	95987	6.556	ng	#	24
58) Fluorene	10.26	166	73101	Below Cal			99
61) 4-Chlorophenyl-phenylether	10.27	204	398	Below Cal		#	1
67) 4-Bromophenyl-phenylether	10.50	248	50795	3.499	ng	#	1
69) Atrazine	10.89	200	210	Below Cal		#	1
71) Phenanthrene	11.22	178	435037	6.299	ng		96
72) Anthracene	11.26	178	153486	2.196	ng		97
74) Di-n-butylphthalate	11.76	149	8674	Below Cal		#	60
75) Fluoranthene	12.40	202	423779	5.926	ng		95
78) Pyrene	12.62	202	420294	5.817	ng		96
81) Benzo(a)anthracene	13.83	228	174262	2.655	ng		94
83) Chrysene	13.83	228	174262	2.779	ng		94
88) Benzo(b)fluoranthene	14.81	252	207488	3.631	ng		98
89) Benzo(k)fluoranthene	14.81	252	207488	4.178	ng		98
90) Benzo(a)pyrene	15.14	252	137956	2.748	ng	#	96
92) Benzo(g,h,i)perylene	16.90	276	89506	2.079	ng		97

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

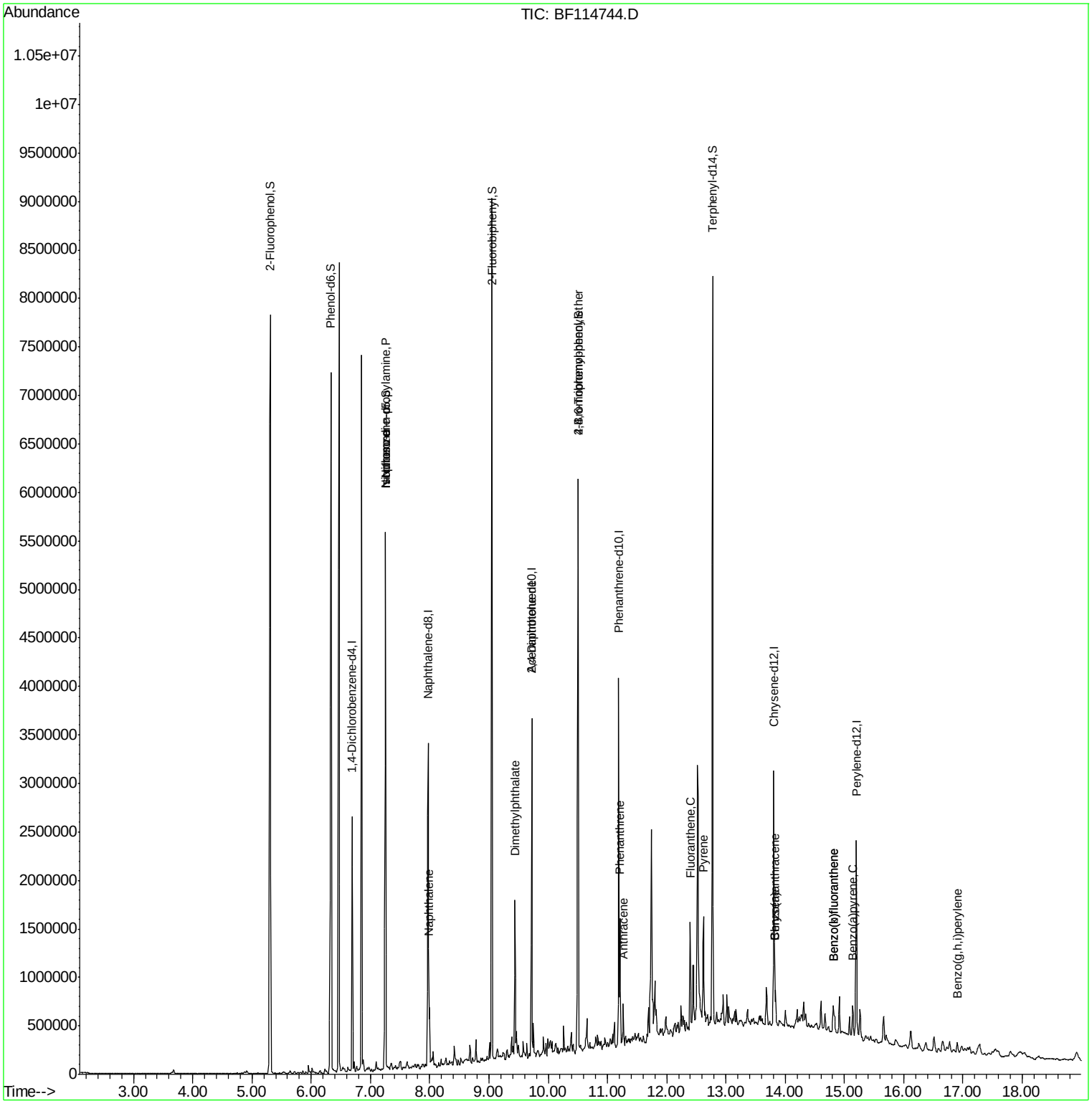
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\

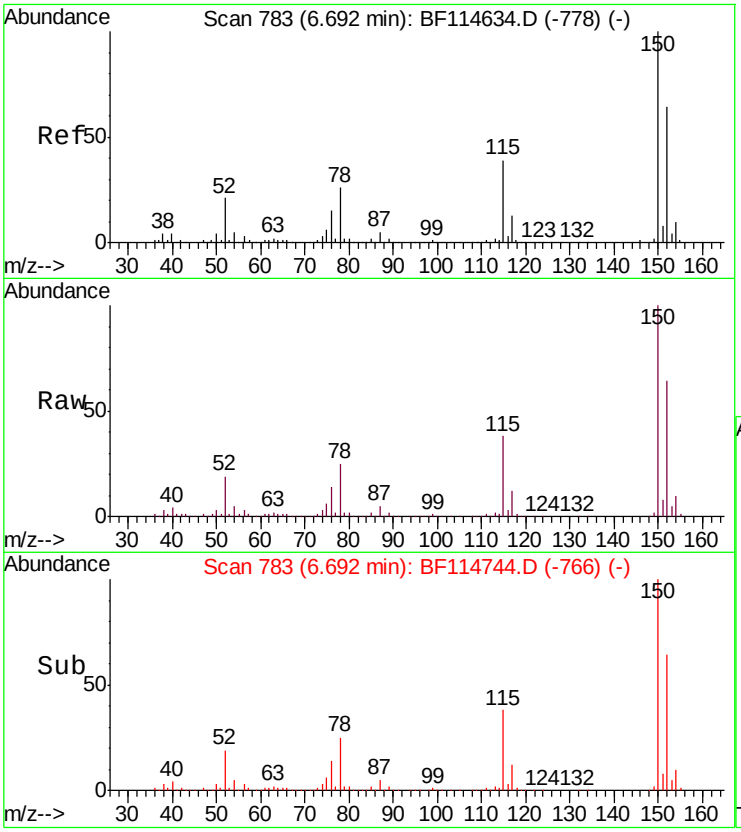
Quantitation Report (Not Reviewed)

Data File : BF114744.D
Acq On : 1 Jun 2019 9:34
Operator : HP/JU
Sample : K3097-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0443-PR-6(PASSAIC)

Quant Time: Jun 03 01:33:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration



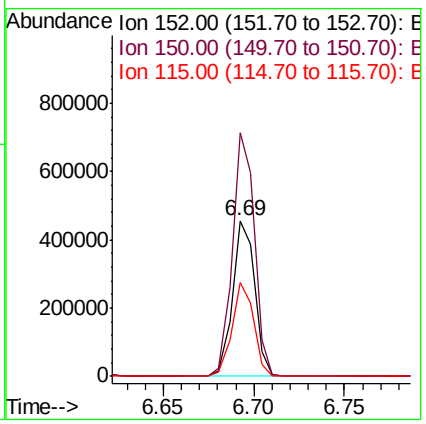


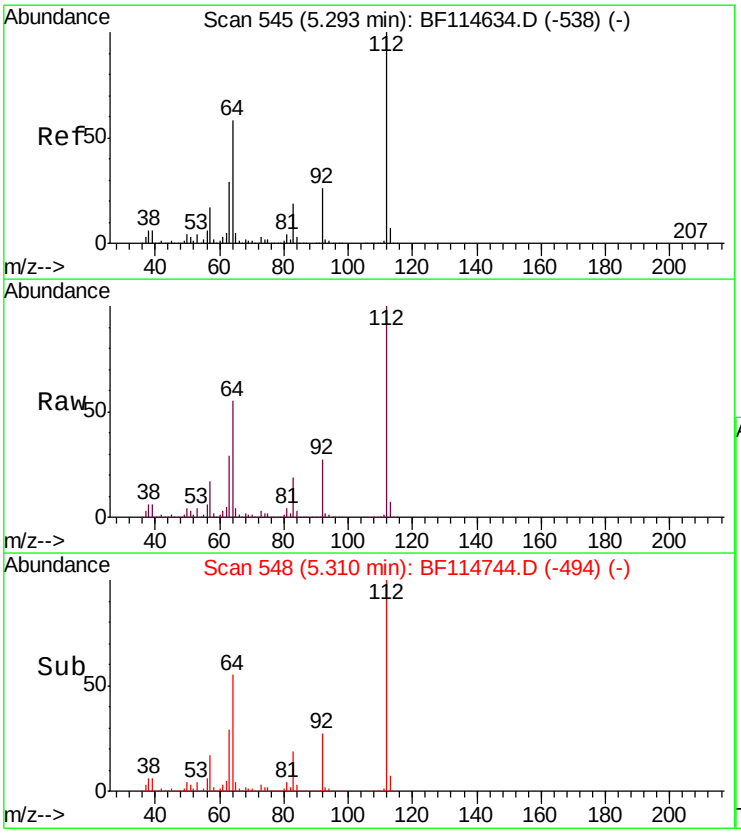
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Instrument :
BNA_F
ClientSampleId :
0443-PR-6(PASSAIC)

Tgt Ion:152 Resp: 385495

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.4	186.6
115	60.3	48.7	73.1

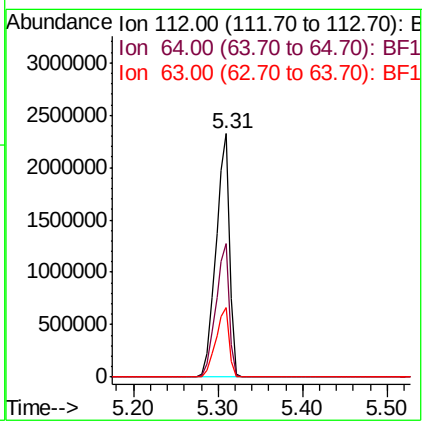


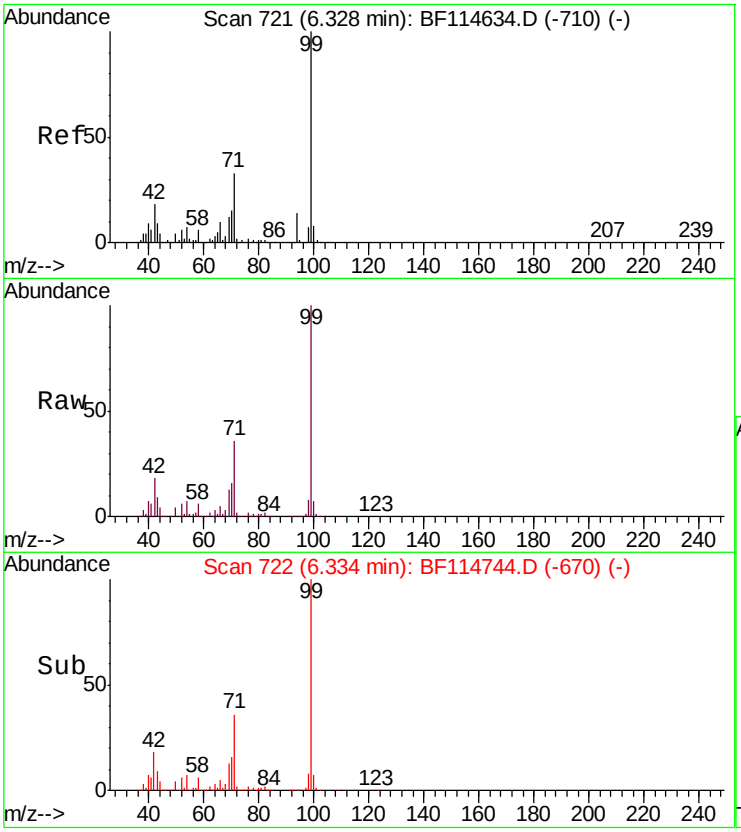


#5
2-Fluorophenol
Concen: 120.354 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.02 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Tgt Ion:112 Resp: 2642582

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.1	69.1
63	28.7	23.4	35.2



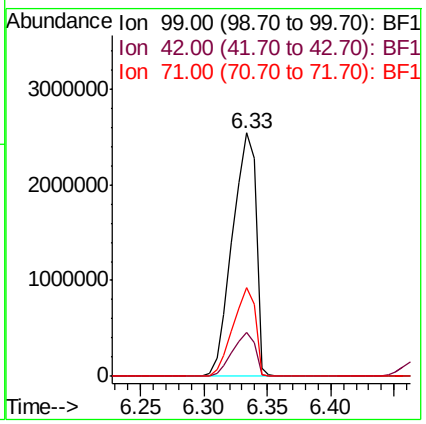


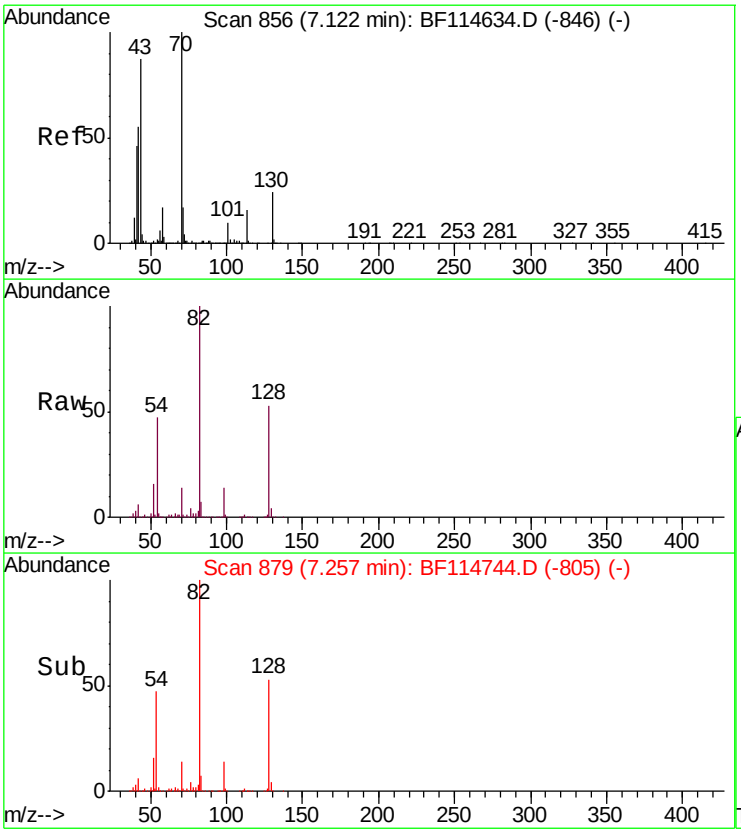
#7
Phenol-d6
Concen: 123.143 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Instrument :
BNA_F
ClientSampleId :
0443-PR-6(PASSAIC)

Tgt Ion: 99 Resp: 3258186

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.7	22.1
71	36.3	26.6	40.0

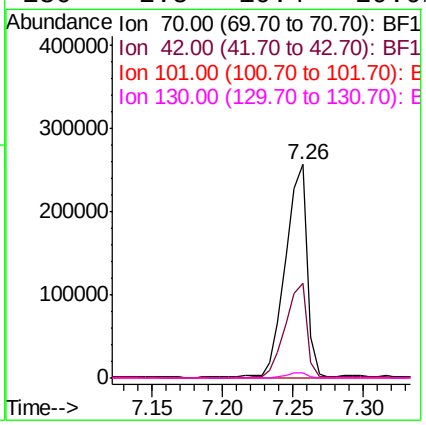


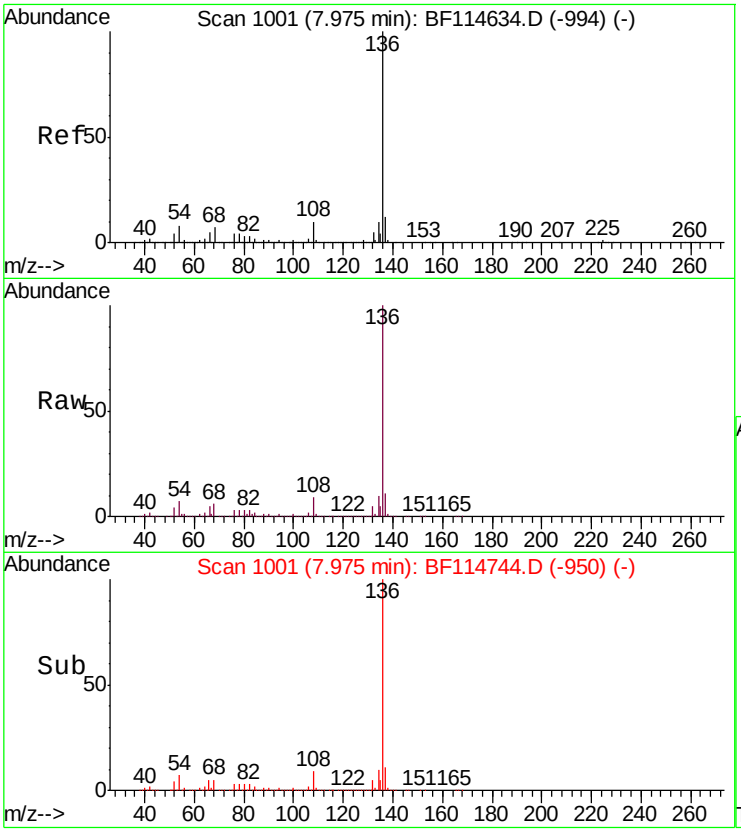


#19
n-Nitroso-di-n-propylamine
Concen: 14.982 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Tgt Ion: 70 Resp: 273615

Ion	Ratio	Lower	Upper
70	100		
42	44.6	44.4	66.6
101	0.0	8.2	12.4#
130	2.5	19.4	29.0#



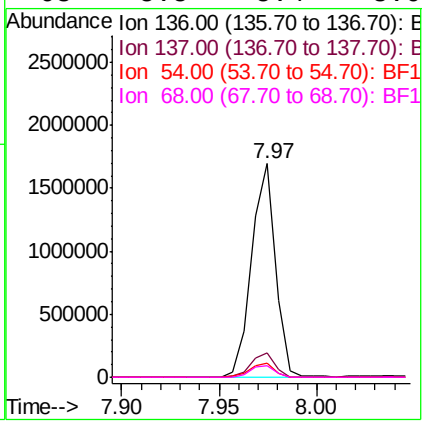


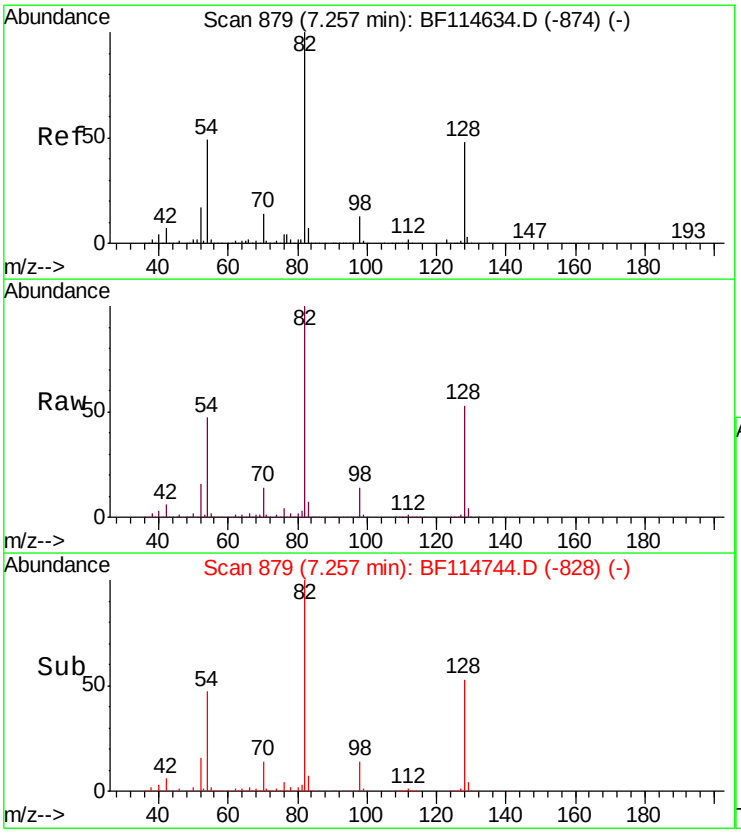
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Instrument :
BNA_F
ClientSampleId :
0443-PR-6(PASSAIC)

Tgt Ion:136 Resp: 1435919

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	6.7	6.3	9.5
68	5.5	5.4	8.0

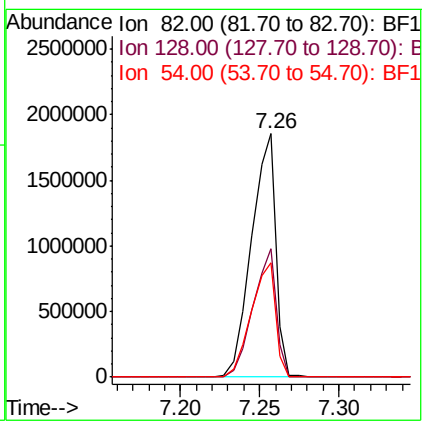


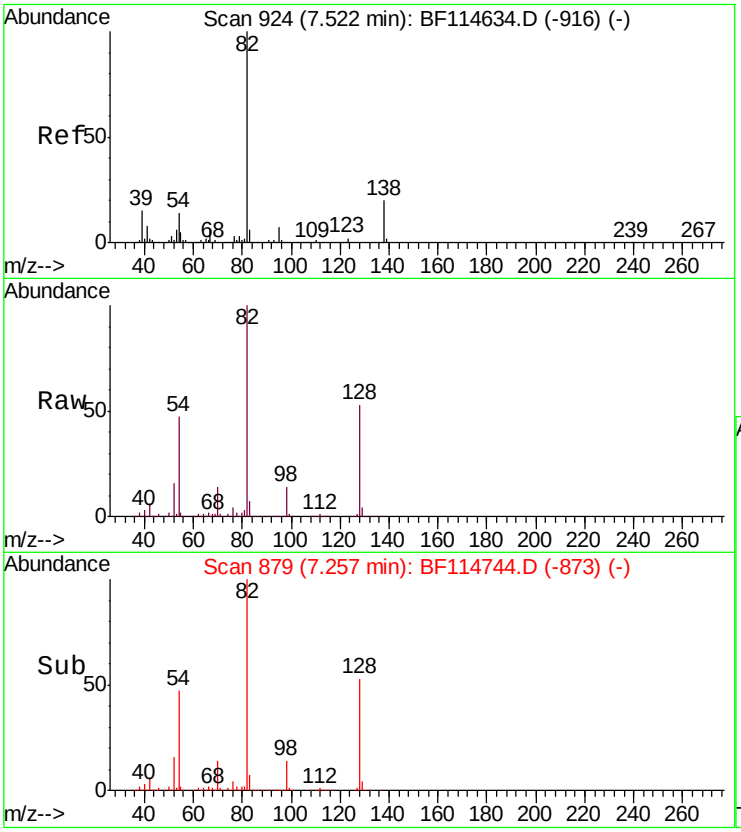


#23
Nitrobenzene-d5
Concen: 85.931 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Tgt Ion: 82 Resp: 1977750

Ion	Ratio	Lower	Upper
82	100		
128	52.7	38.5	57.7
54	47.2	39.1	58.7



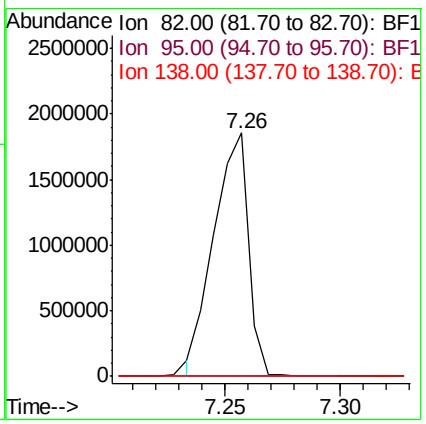


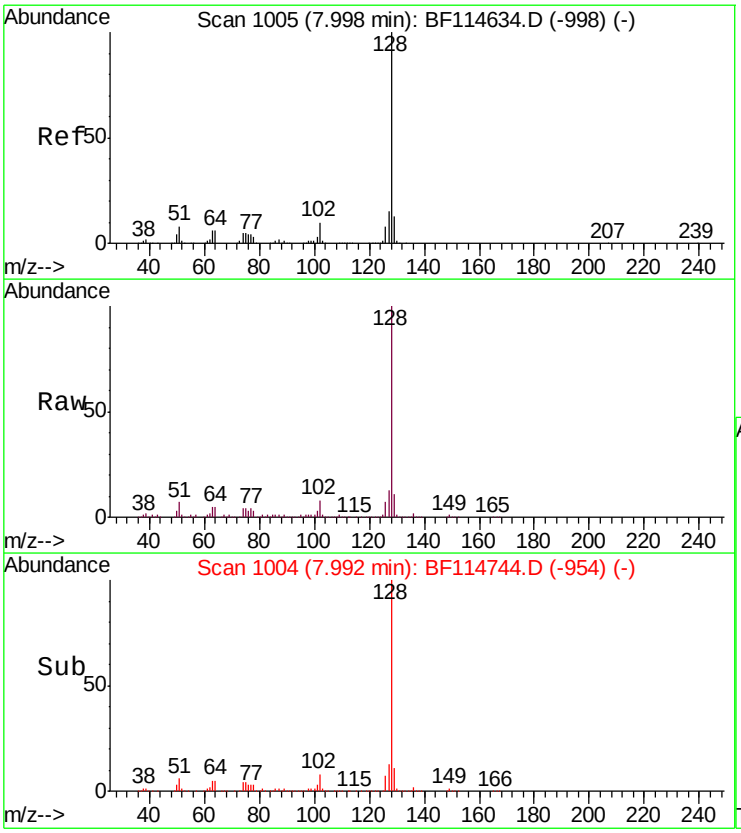
#25
Isophorone
Concen: 41.625 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Instrument :
BNA_F
ClientSampleId :
0443-PR-6(PASSAIC)

Tgt Ion: 82 Resp: 1922606

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	15.9	23.9#

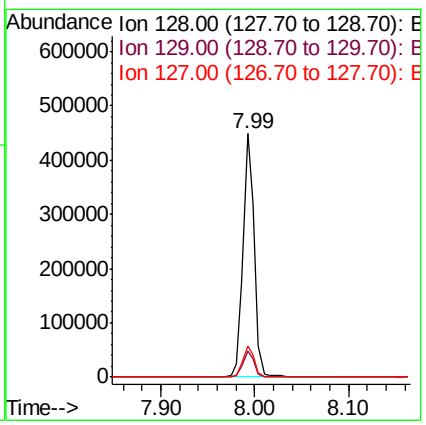


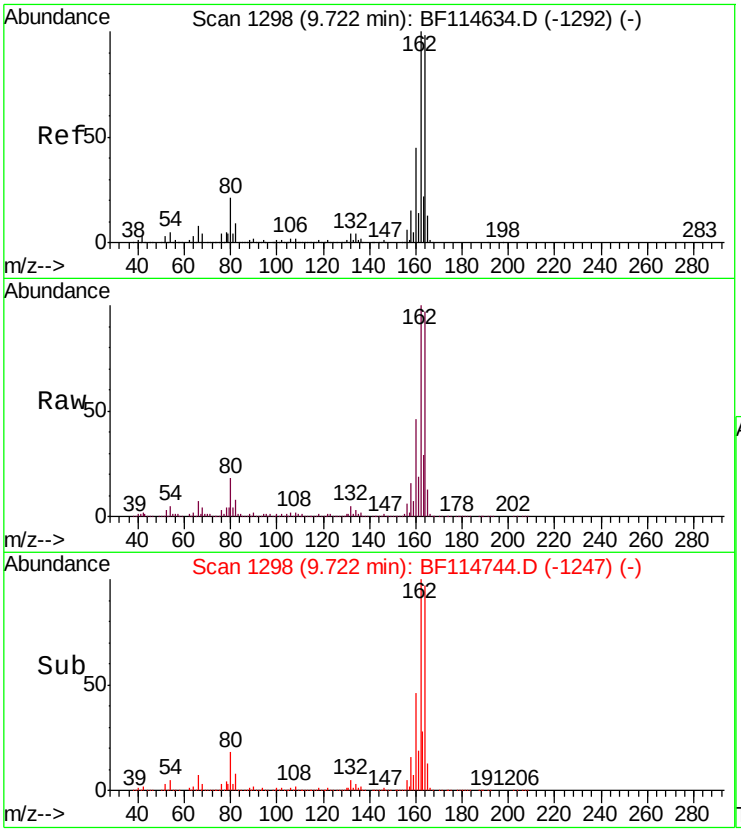


#31
Naphthalene
Concen: 5.612 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Tgt Ion:128 Resp: 371186

Ion	Ratio	Lower	Upper
128	100		
129	10.9	10.2	15.2
127	12.8	11.9	17.9



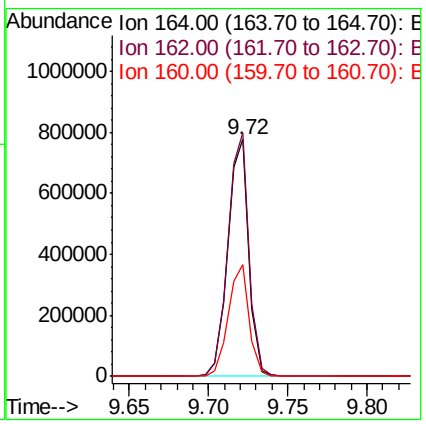


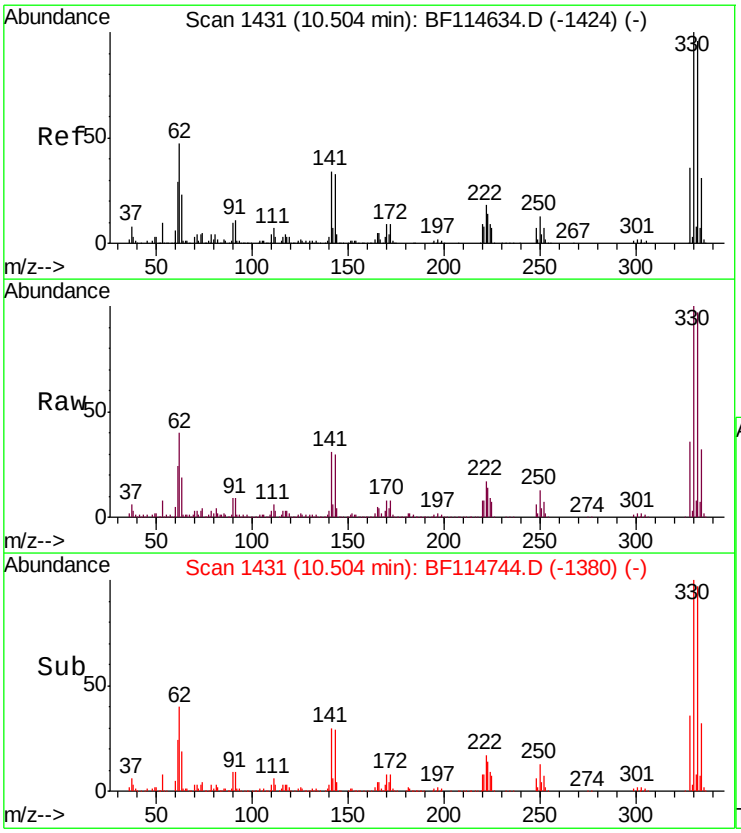
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Instrument :
BNA_F
ClientSampleId :
0443-PR-6(PASSAIC)

Tgt Ion:164 Resp: 704521

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.4	122.2
160	47.0	36.6	54.8

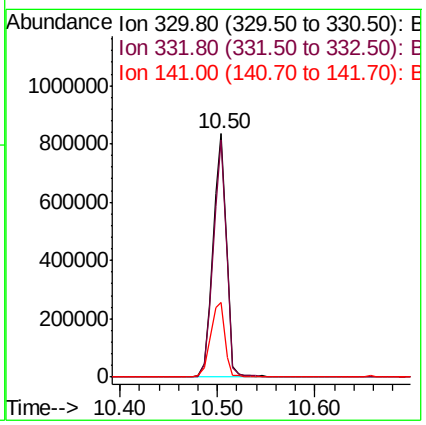


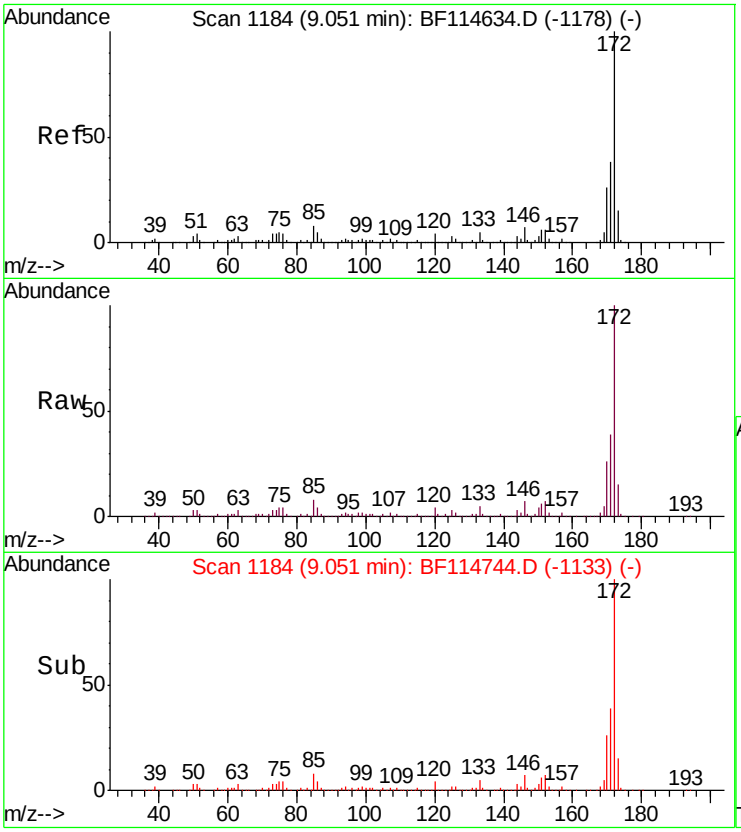


#42
2,4,6-Tribromophenol
Concen: 118.501 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Tgt Ion:330 Resp: 795494

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.8	113.8
141	33.1	27.8	41.8



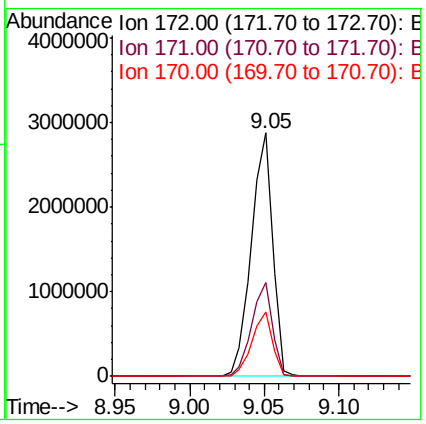


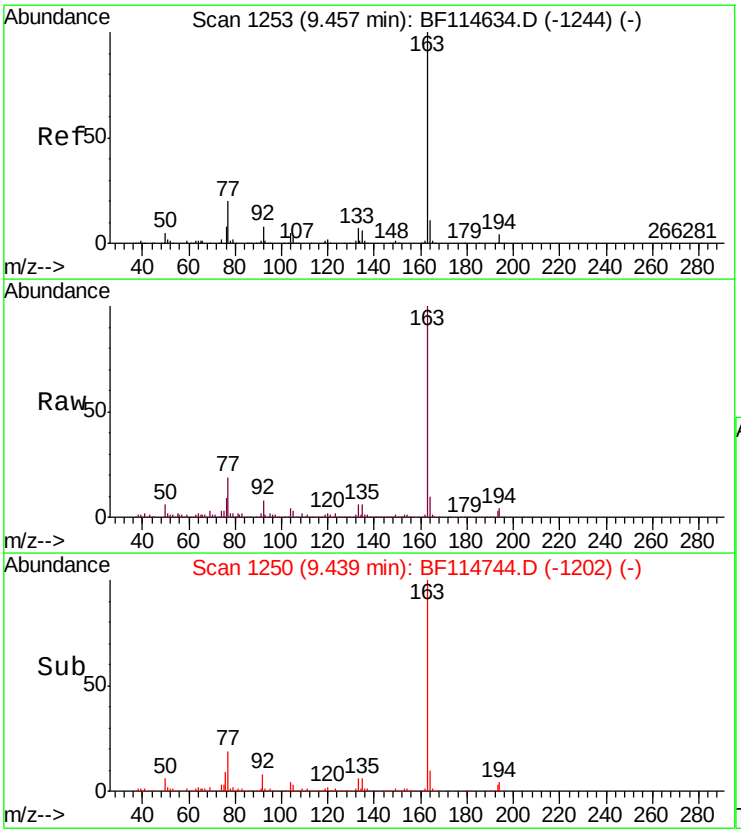
#45
2-Fluorobiphenyl
Concen: 73.482 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Instrument :
BNA_F
ClientSampleId :
0443-PR-6(PASSAIC)

Tgt Ion:172 Resp: 2837261

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.6	45.8
170	26.5	20.7	31.1

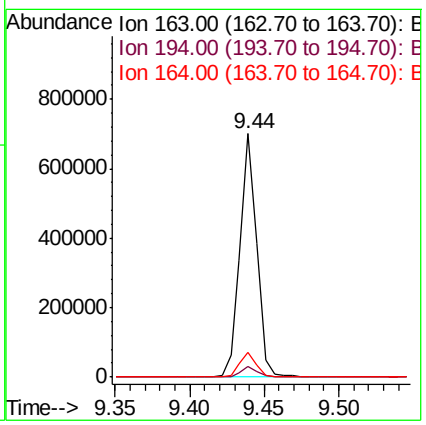


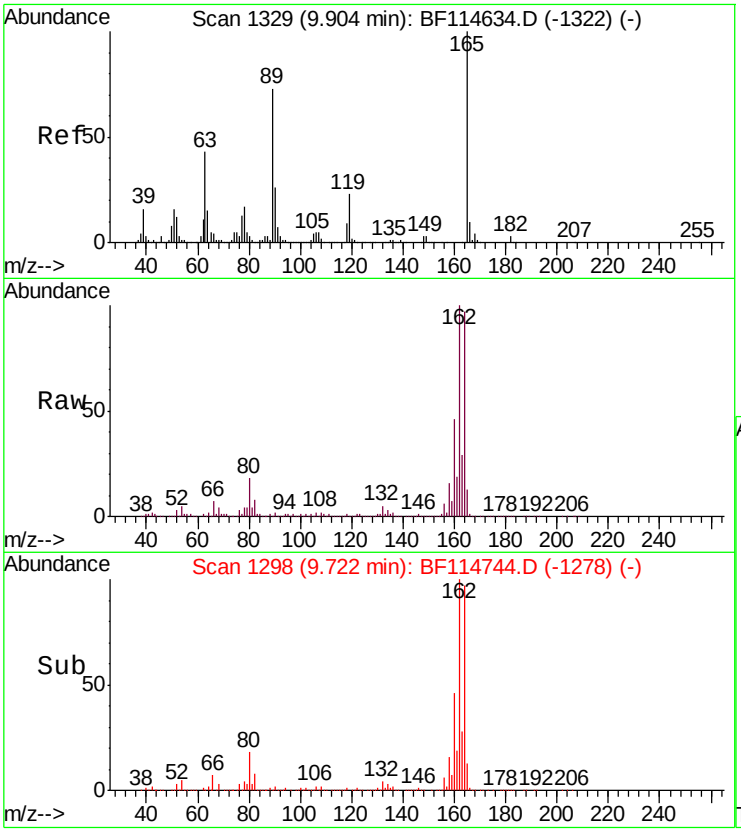


#50
Dimethylphthalate
Concen: 11.204 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Tgt Ion:163 Resp: 550040

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.2	8.6	13.0



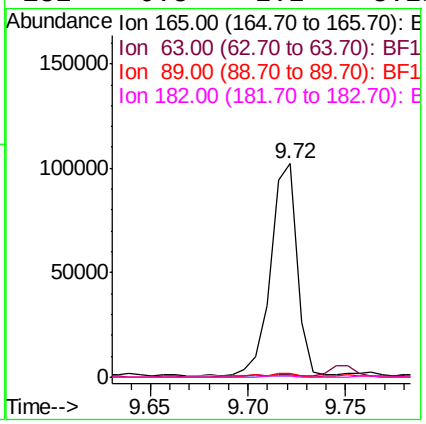


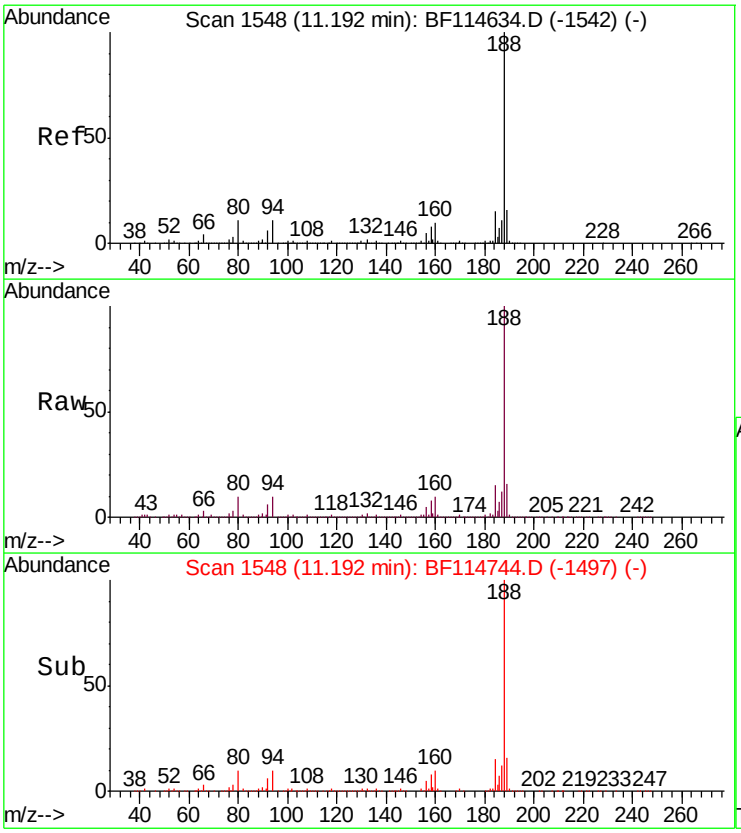
#57
2,4-Dinitrotoluene
Concen: 6.556 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Instrument :
BNA_F
ClientSampleId :
0443-PR-6(PASSAIC)

Tgt Ion:165 Resp: 95987

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.8	52.2#
89	1.7	58.5	87.7#
182	0.8	2.2	3.2#

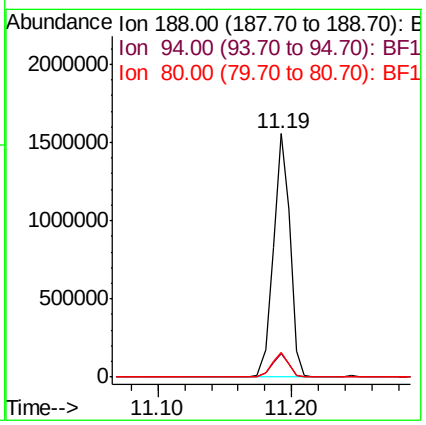


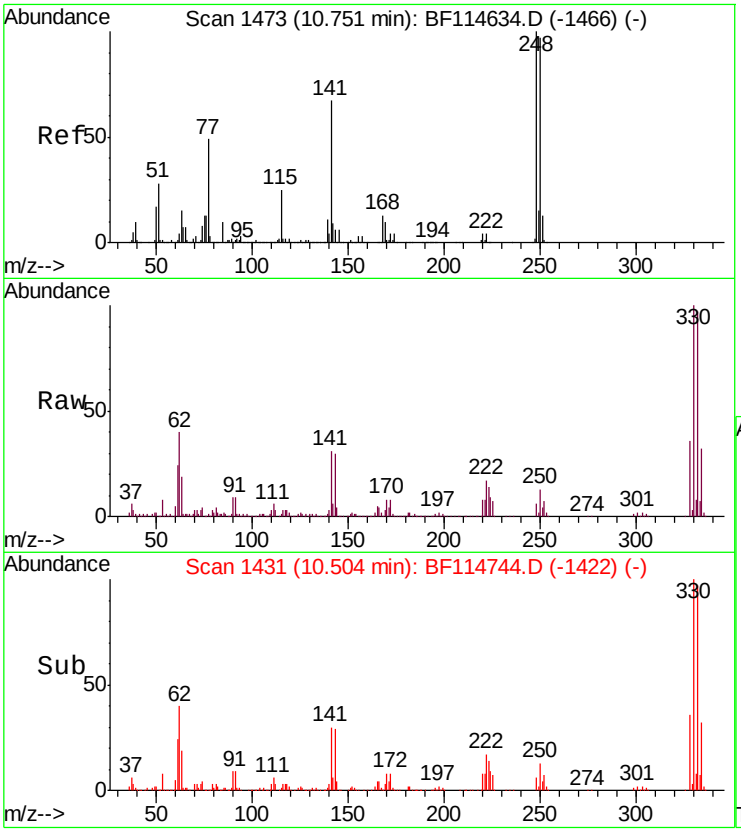


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Tgt Ion:188 Resp: 1353882

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.6	13.0
80	10.3	9.0	13.6



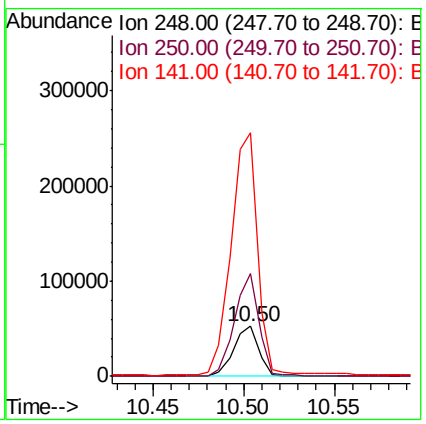


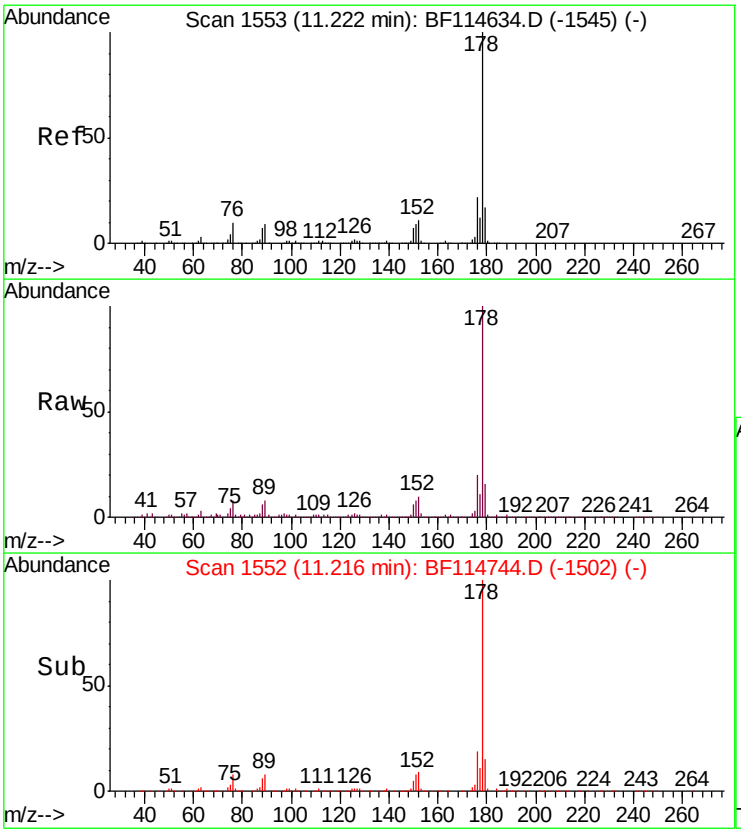
#67
4-Bromophenyl-phenylether
Concen: 3.499 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Instrument :
BNA_F
ClientSampleId :
0443-PR-6(PASSAIC)

Tgt Ion:248 Resp: 50795

Ion	Ratio	Lower	Upper
248	100		
250	206.0	78.0	117.0#
141	488.4	53.8	80.8#

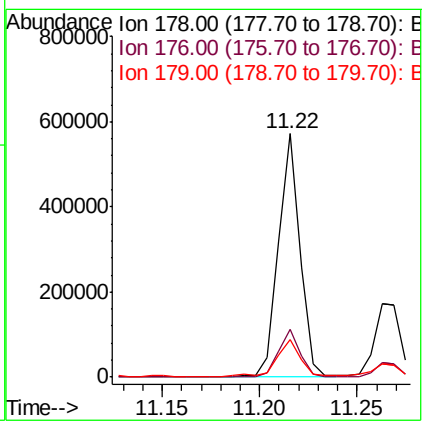


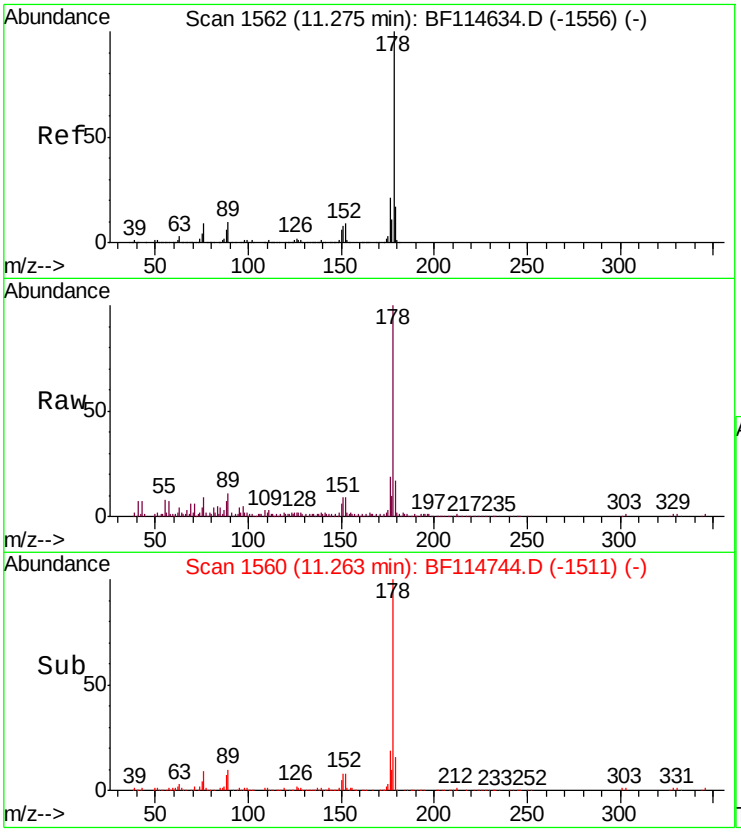


#71
Phenanthrene
Concen: 6.299 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Tgt Ion:178 Resp: 435037

Ion	Ratio	Lower	Upper
178	100		
176	19.6	17.2	25.8
179	15.6	13.9	20.9



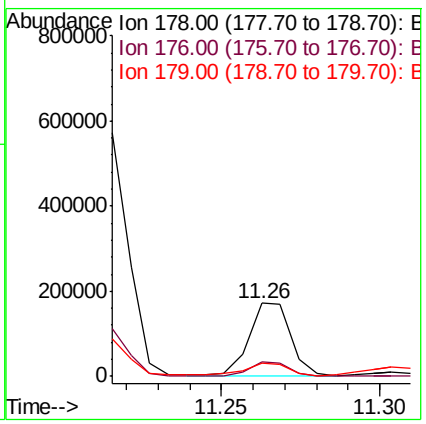


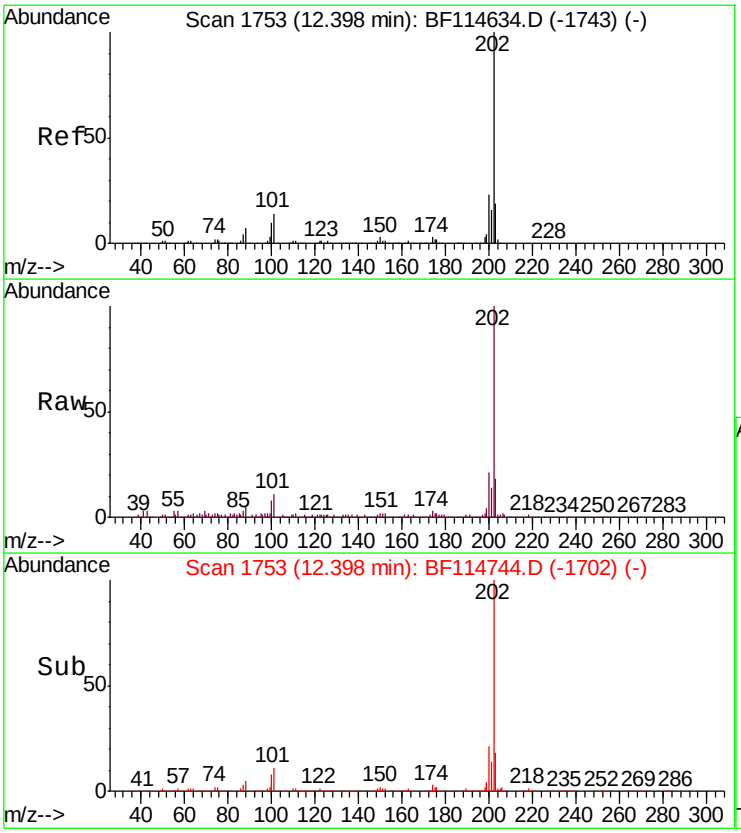
#72
Anthracene
Concen: 2.196 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Instrument :
BNA_F
ClientSampleId :
0443-PR-6(PASSAIC)

Tgt Ion:178 Resp: 153486

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.6	24.8
179	17.5	13.4	20.0

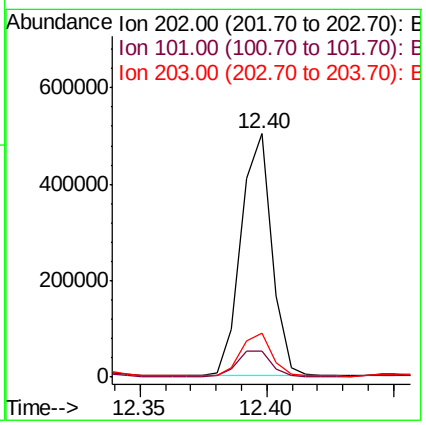


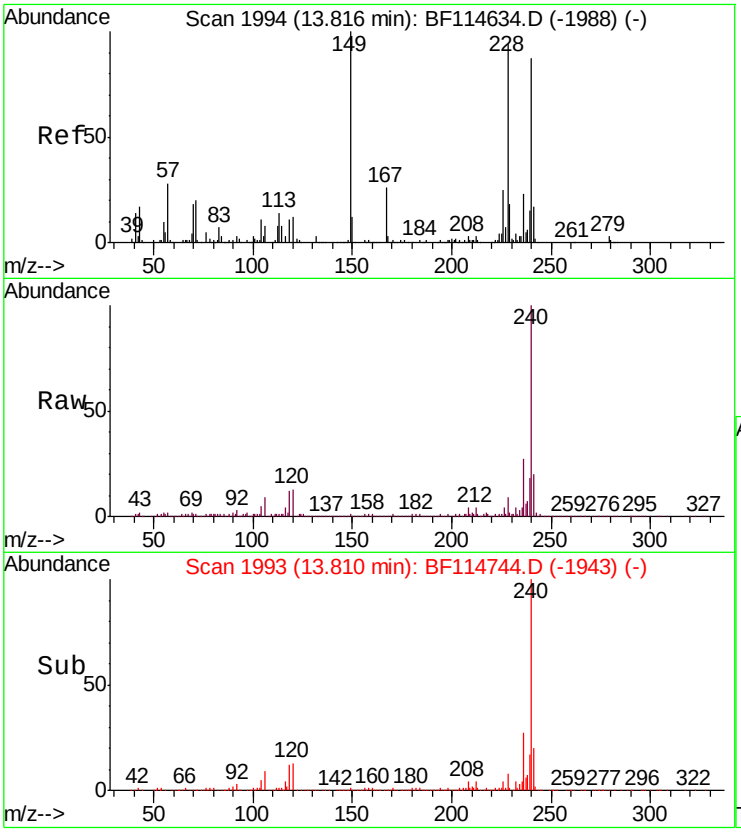


#75
Fluoranthene
Concen: 5.926 ng
RT: 12.40 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Tgt Ion:202 Resp: 423779

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	33.9
203	18.0	0.0	39.1



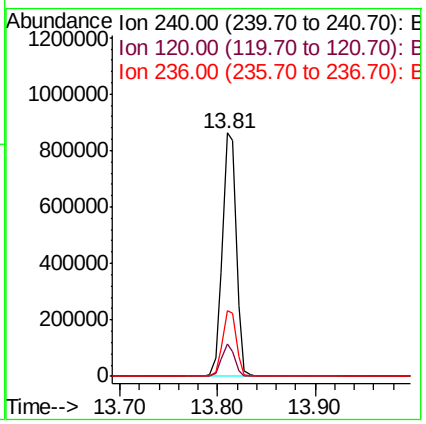


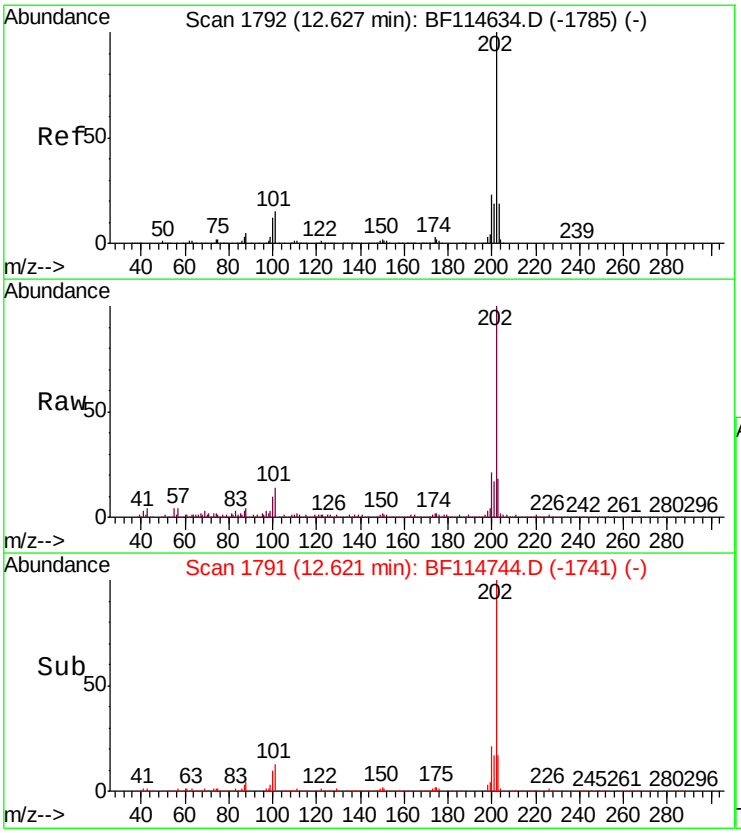
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Instrument :
BNA_F
ClientSampleId :
0443-PR-6(PASSAIC)

Tgt Ion:240 Resp: 854168

Ion	Ratio	Lower	Upper
240	100		
120	13.1	11.2	16.8
236	26.8	21.2	31.8

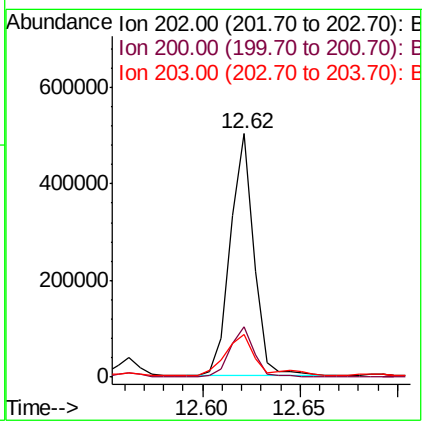


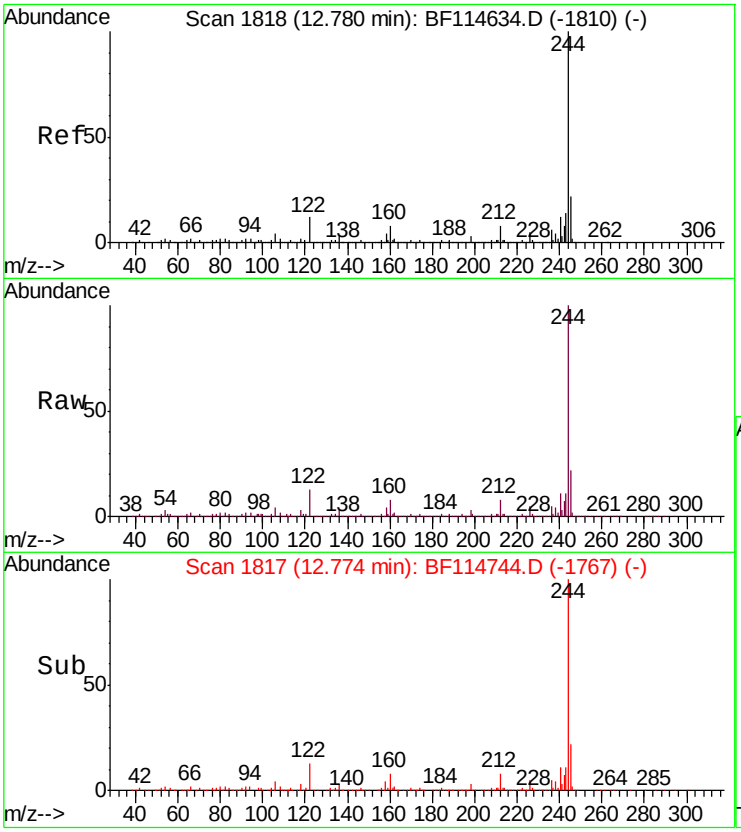


#78
Pyrene
Concen: 5.817 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Tgt Ion:202 Resp: 420294

Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.6	28.0
203	17.8	15.4	23.2



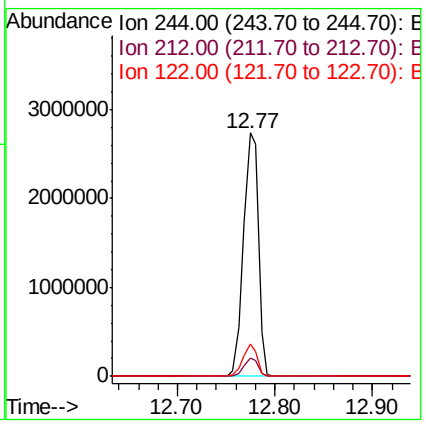


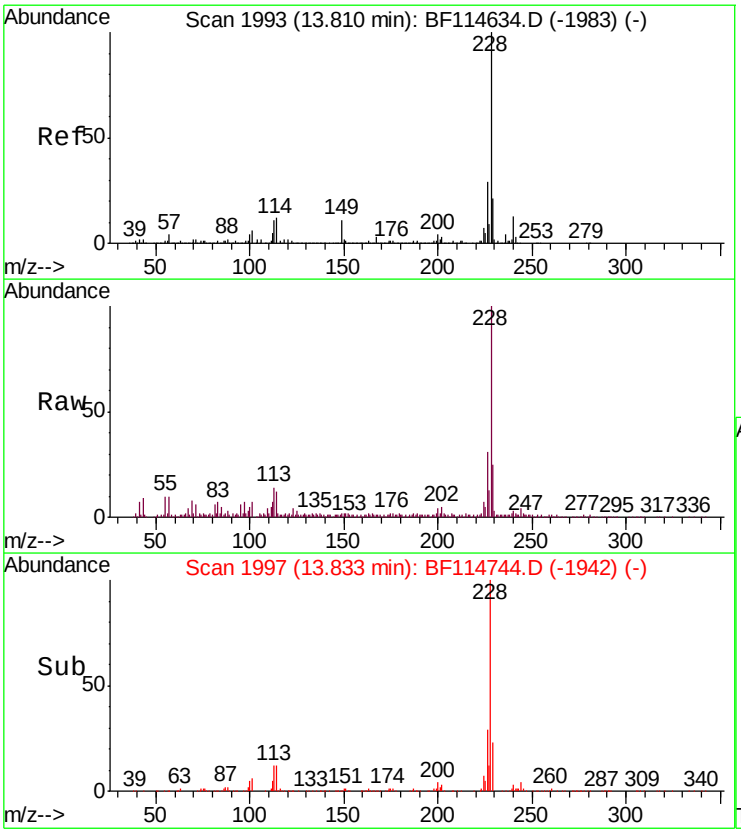
#79
Terphenyl-d14
Concen: 64.088 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Instrument :
BNA_F
ClientSampleId :
0443-PR-6(PASSAIC)

Tgt Ion:244 Resp: 2911594

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	13.3	9.8	14.8

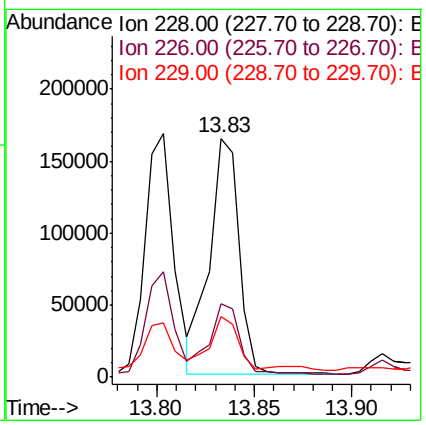


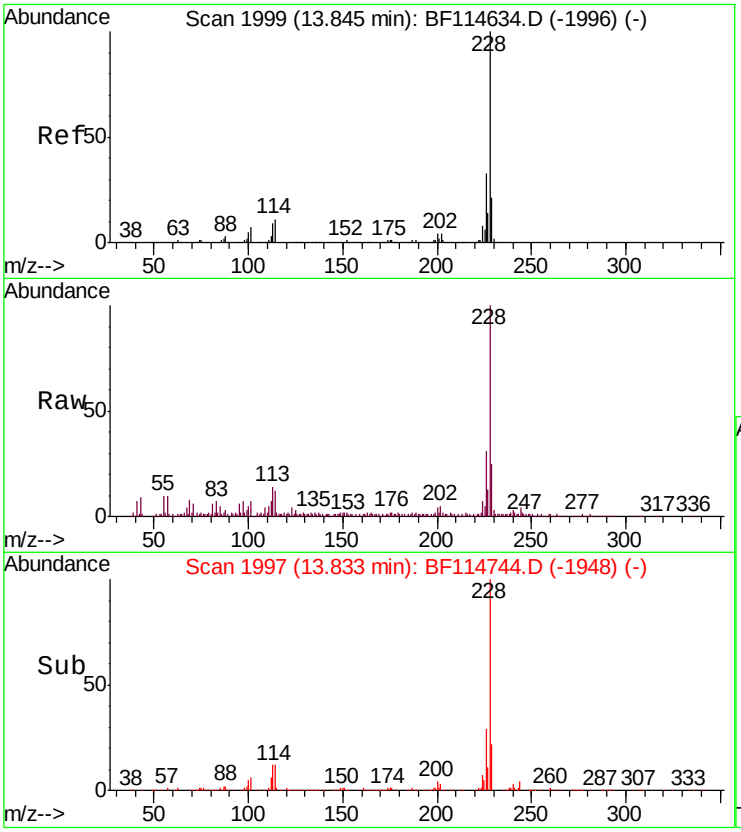


#81
Benzo(a)anthracene
Concen: 2.655 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.02 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Tgt Ion:228 Resp: 174262

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.0	34.6
229	25.4	17.0	25.4



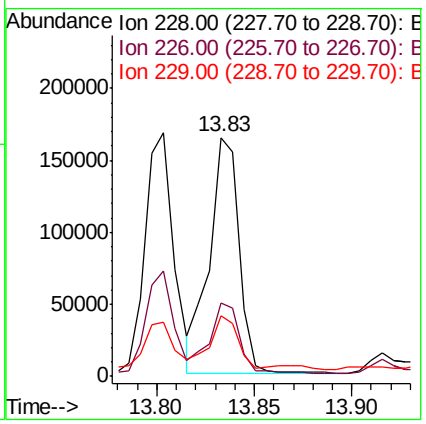


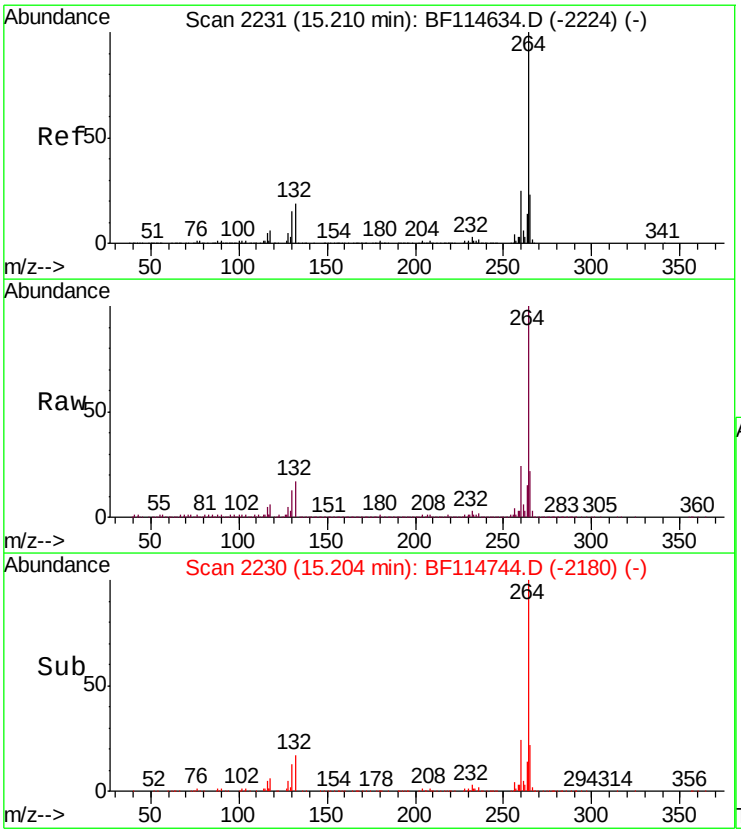
#83
Chrysene
Concen: 2.779 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Instrument :
BNA_F
ClientSampleId :
0443-PR-6(PASSAIC)

Tgt Ion:228 Resp: 174262

Ion	Ratio	Lower	Upper
228	100		
226	30.5	26.4	39.6
229	25.4	17.1	25.7

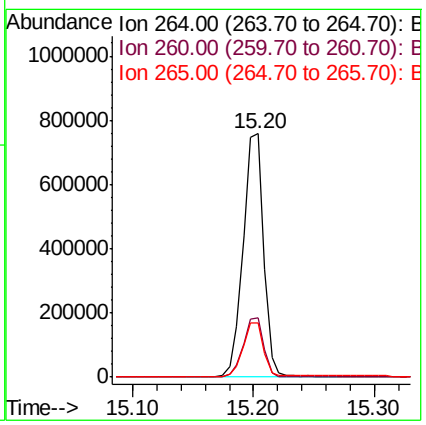


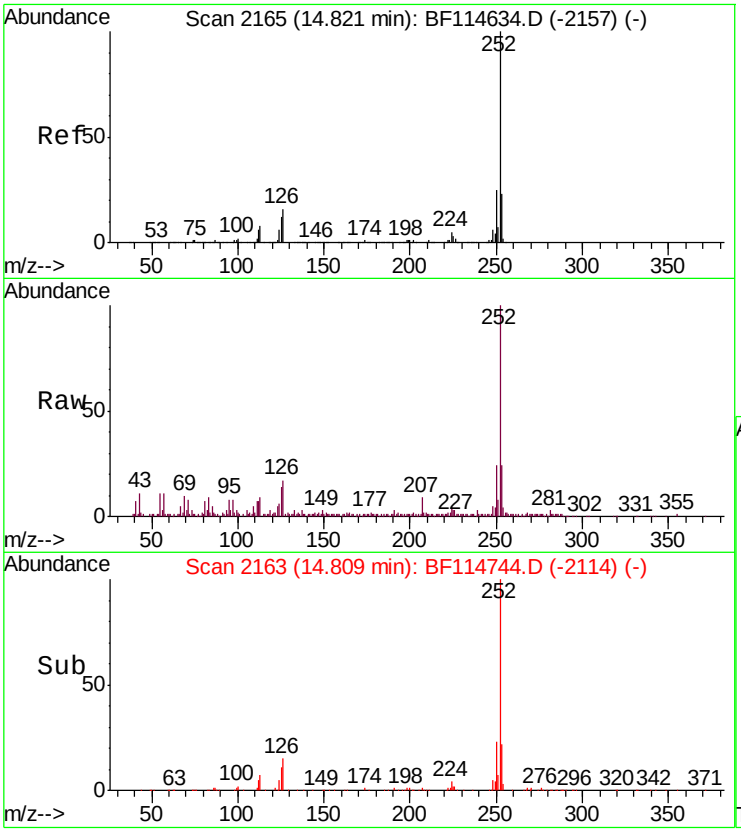


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Tgt Ion:264 Resp: 907223

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	22.0	18.1	27.1



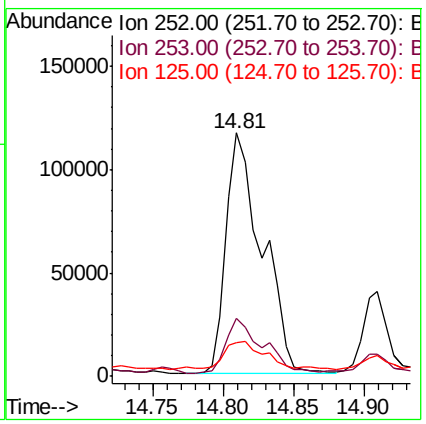


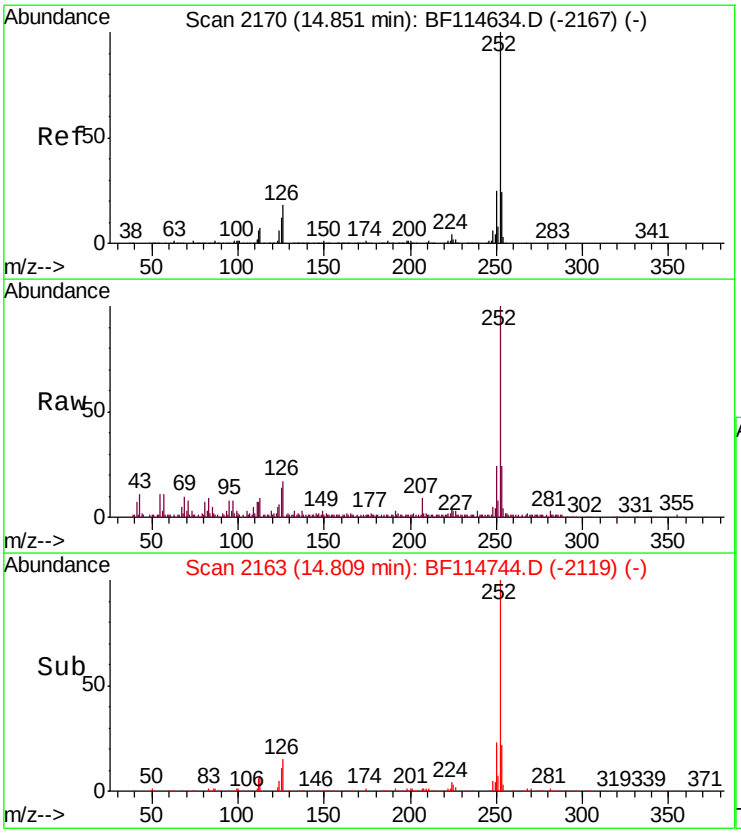
#88
Benzo(b)fluoranthene
Concen: 3.631 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Instrument :
BNA_F
ClientSampleId :
0443-PR-6(PASSAIC)

Tgt Ion:252 Resp: 207488

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.7	28.1
125	14.1	9.4	14.2

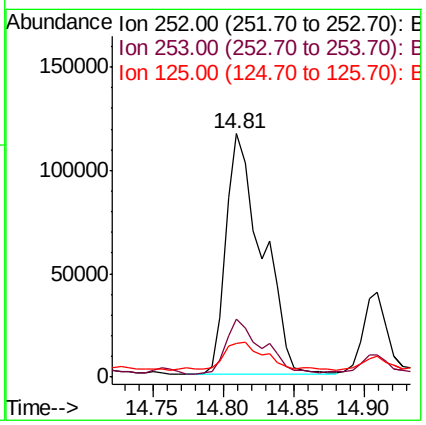


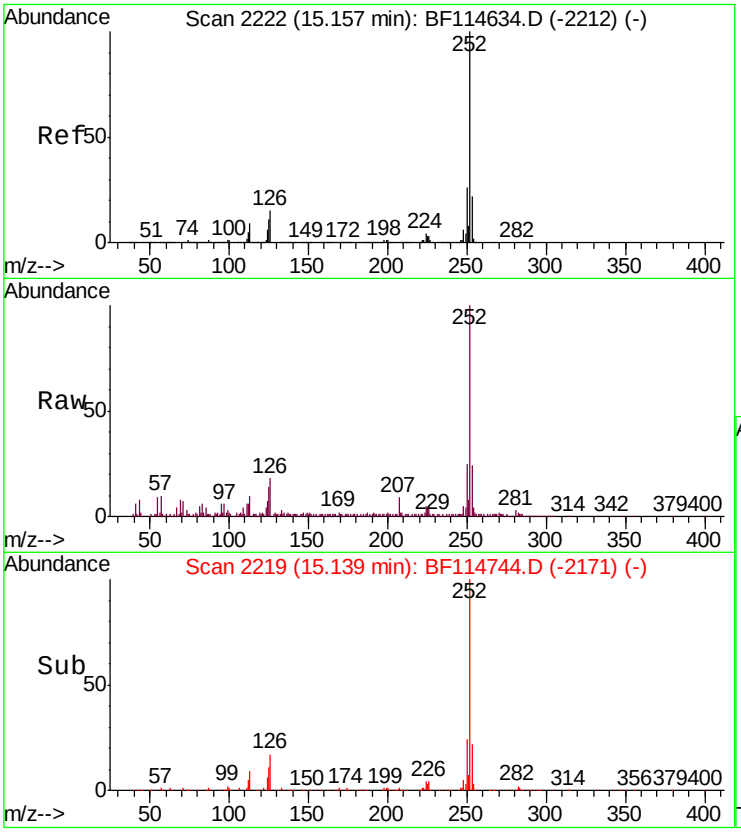


#89
Benzo(k)fluoranthene
Concen: 4.178 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Tgt Ion:252 Resp: 207488

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	14.1	9.5	14.3



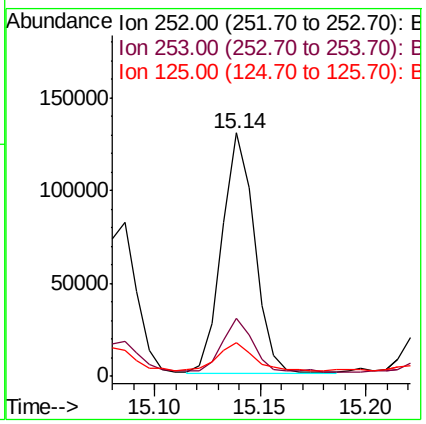


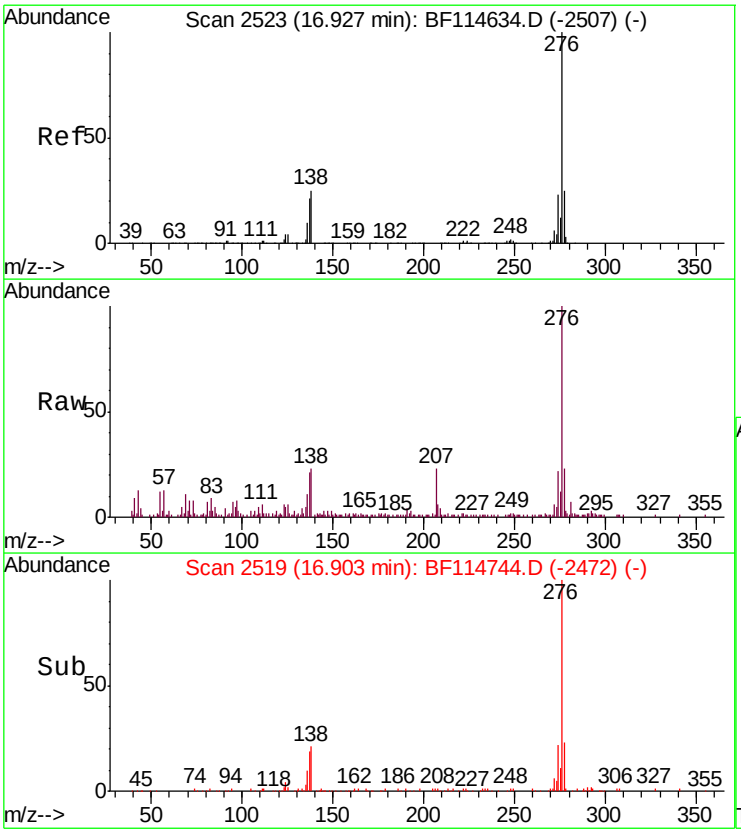
#90
Benzo(a)pyrene
Concen: 2.748 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Instrument :
BNA_F
ClientSampleId :
0443-PR-6(PASSAIC)

Tgt Ion:252 Resp: 137956

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	14.0	9.2	13.8#





#92
Benzo(g,h,i)perylene
Concen: 2.079 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BF114744.D
Acq: 1 Jun 2019 9:34

Tgt Ion:276 Resp: 89506

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.7	29.5
138	23.5	19.8	29.8