Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052119\
Data File : BF114455.D
Acq On : 21 May 2019 14:58
Operator : JU/SJ
Sample : K2648-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 21 15:23:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	226330	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	907327	20.00	ng		-0.01
39) Acenaphthene-d10	9.86	164	432215	20.00	ng		-0.01
64) Phenanthrene-d10	11.35	188	828449	20.00	ng		0.00
76) Chrysene-d12	13.99	240	494109	20.00	ng		-0.01
87) Perylene-d12	15.46	264	535211	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	639777	45.49	ng		-0.02
7) Phenol-d6	6.47	99	855097	51.41	ng		-0.02
23) Nitrobenzene-d5	7.39	82	510824	31.60	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	204093	45.67	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	941478	32.95	ng		-0.01
79) Terphenyl-d14	12.93	244	807550	33.69	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	64386	6.107	ng	#	76
25) Isophorone	7.39	82	510821	17.036	ng	#	64
50) Dimethylphthalate	9.58	163	119055	3.752	ng		99
51) 2,6-Dinitrotoluene	9.86	165	55964	7.952	ng	#	22
57) 2,4-Dinitrotoluene	9.86	165	55964	5.859	ng	#	25
75) Fluoranthene	12.57	202	147011	3.387	ng		99
78) Pyrene	12.80	202	153630	3.865	ng		98
81) Benzo(a)anthracene	13.98	228	75321	2.357	ng		97
83) Chrysene	14.02	228	79514	2.538	ng		97
88) Benzo(b)fluoranthene	15.03	252	157871	4.604	ng	#	93
89) Benzo(k)fluoranthene	15.03	252	157871	5.012	ng	#	93
90) Benzo(a)pyrene	15.40	252	85064	2.819	ng	#	94

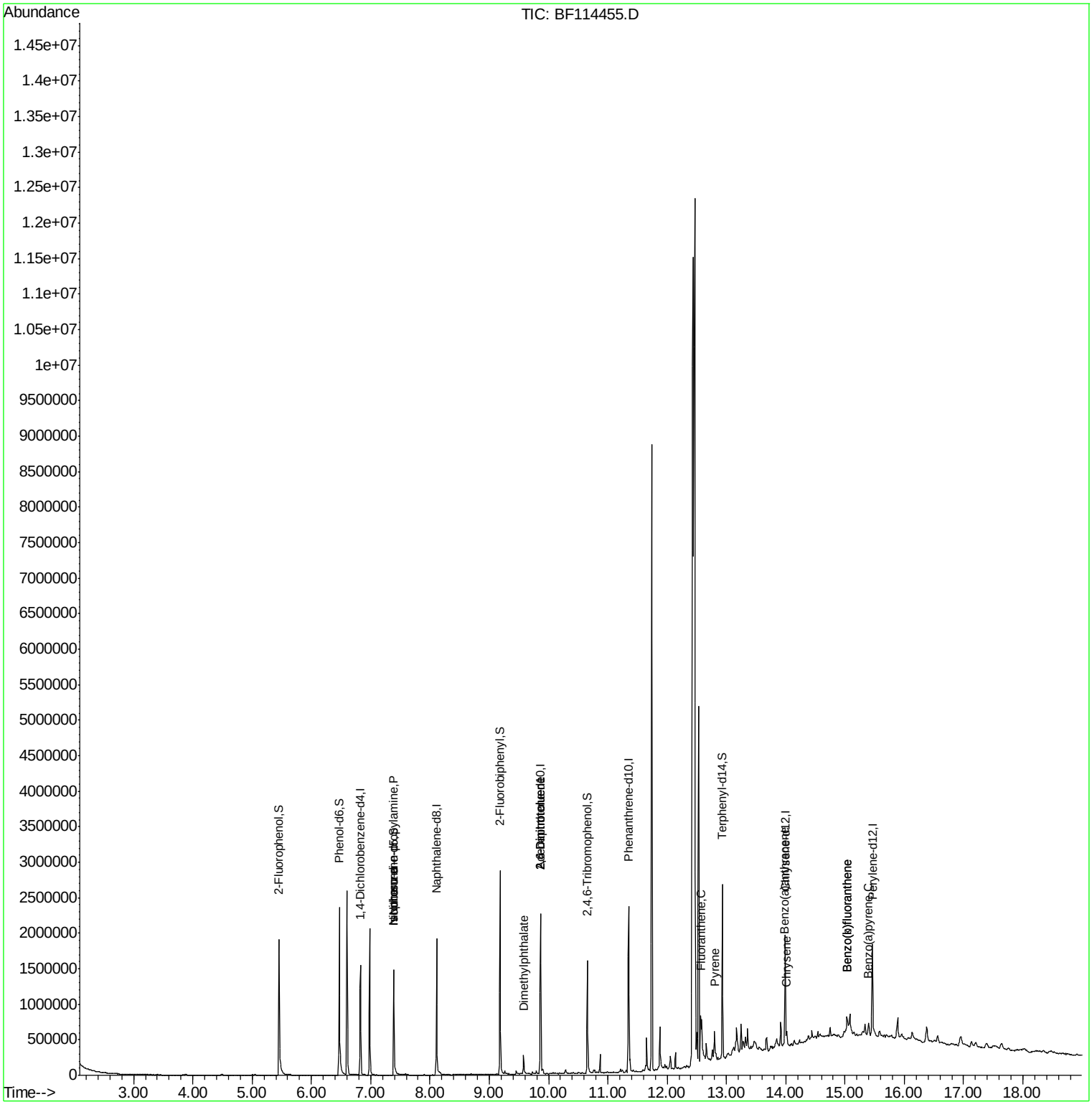
(#) = qualifier out of range (m) = manual integration (+) = signals summed

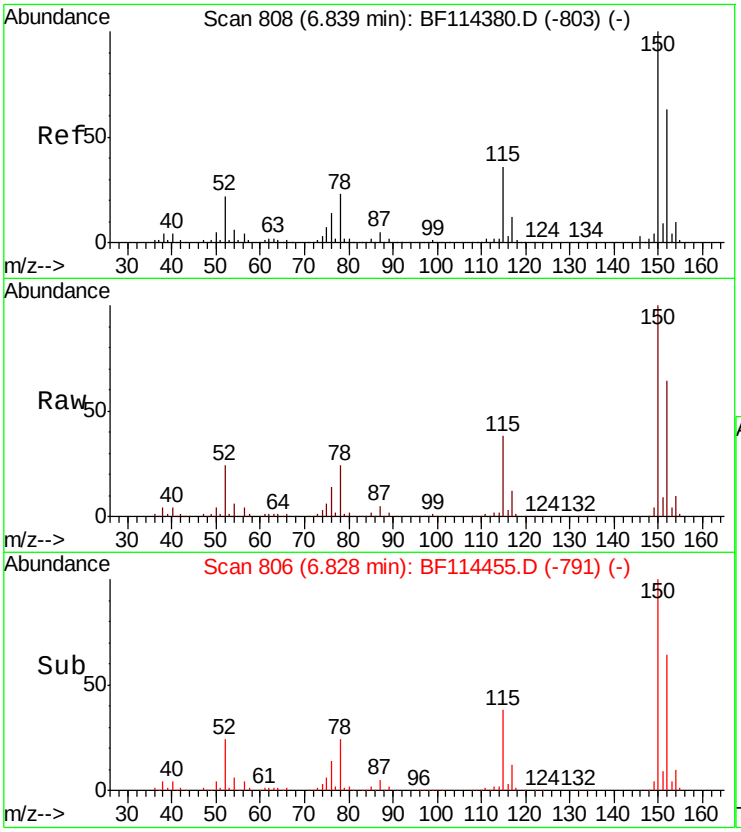
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052119\
Data File : BF114455.D
Acq On : 21 May 2019 14:58
Operator : JU/SJ
Sample : K2648-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 21 15:23:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration



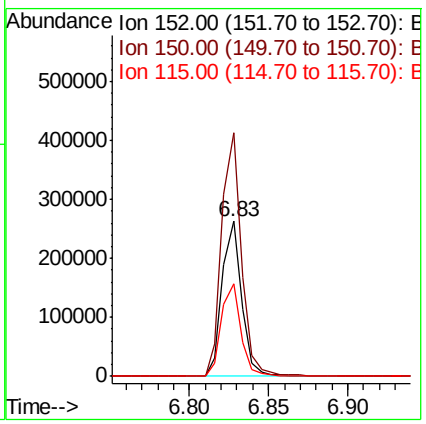


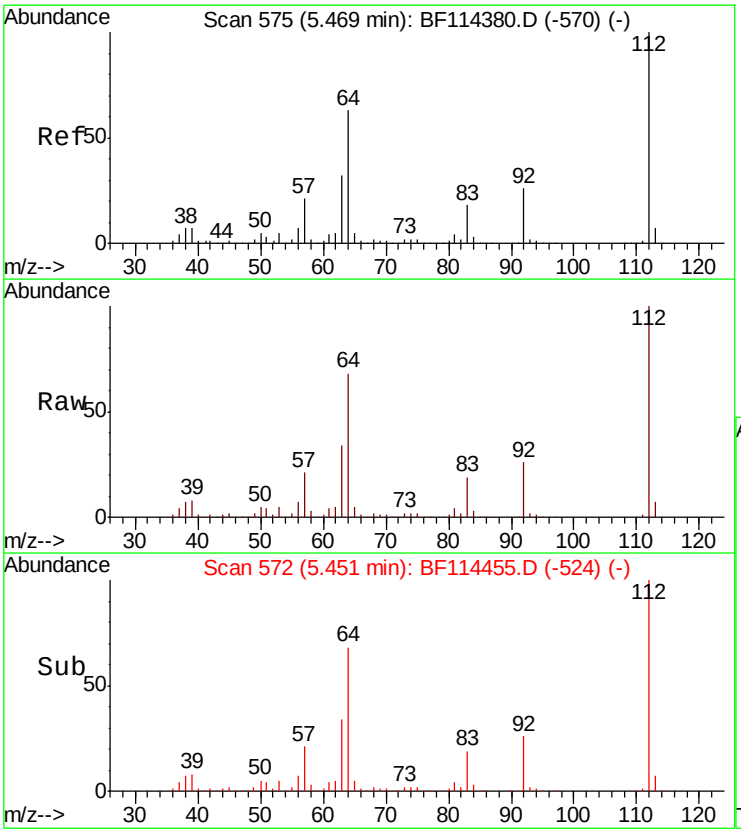
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 226330

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.3	186.5
115	59.4	49.1	73.7

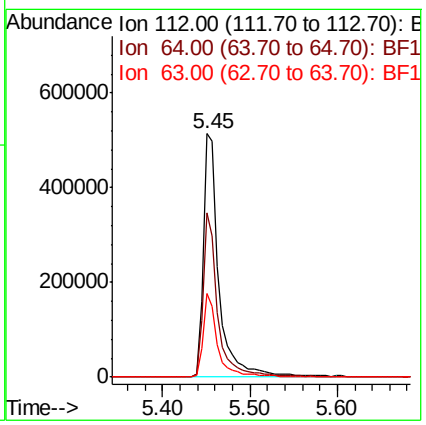


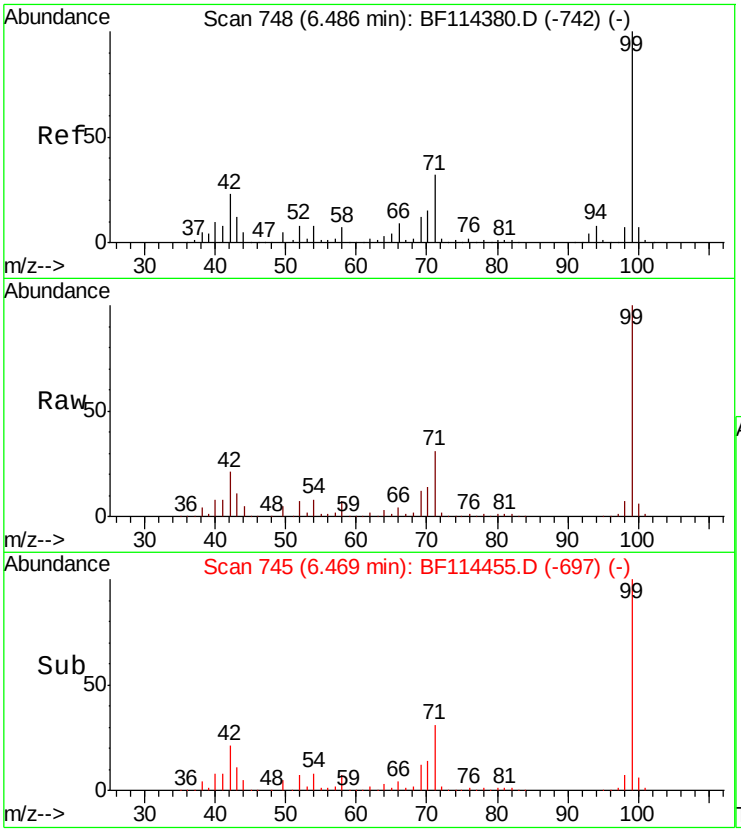


#5
2-Fluorophenol
Concen: 45.490 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion:112 Resp: 639777

Ion	Ratio	Lower	Upper
112	100		
64	67.7	49.0	73.6
63	34.3	24.6	37.0



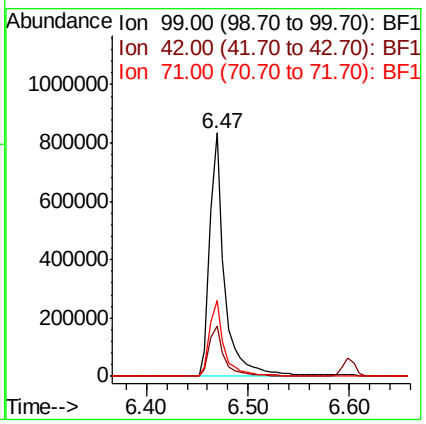


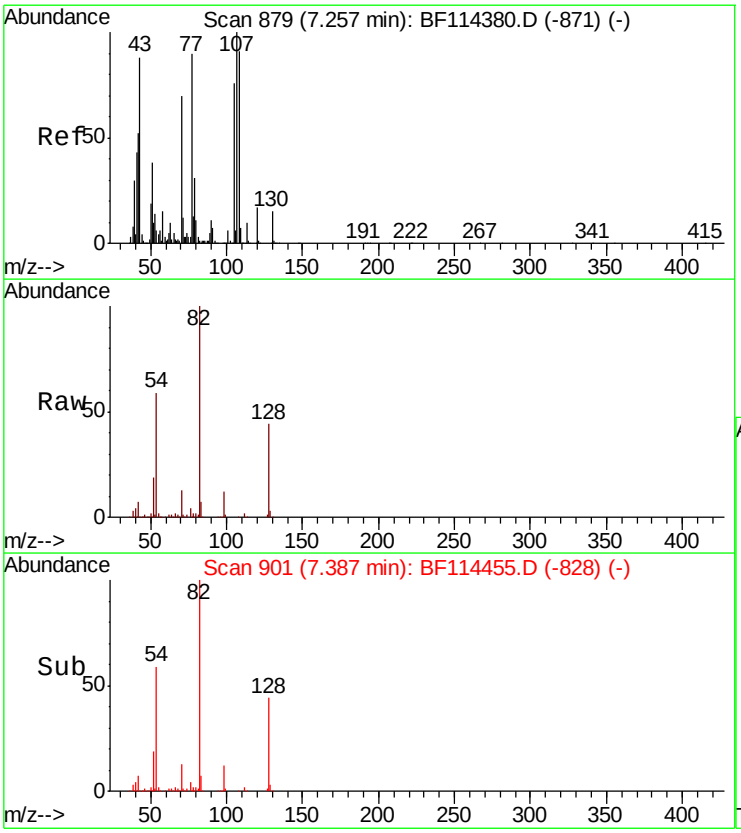
#7
Phenol-d6
Concen: 51.406 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 855097

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.9	26.9
71	31.3	26.2	39.2

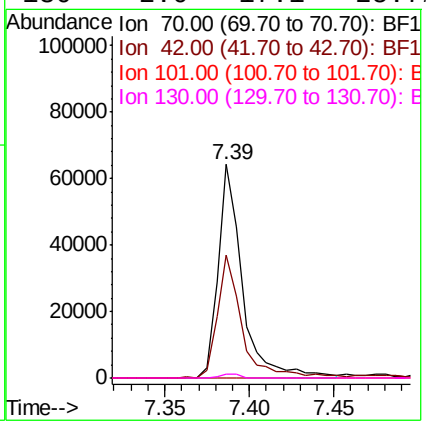


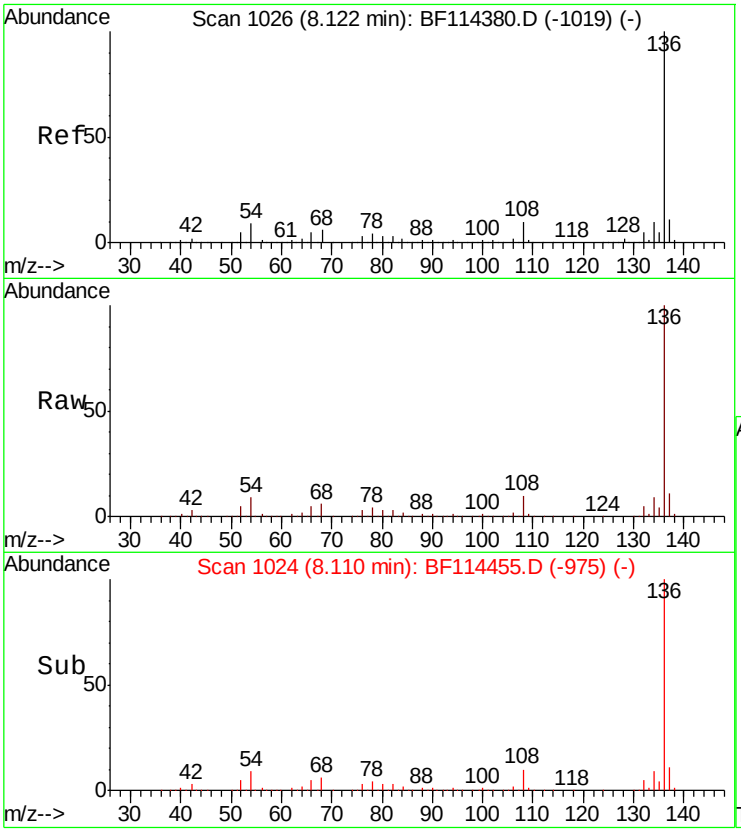


#19
n-Nitroso-di-n-propylamine
Concen: 6.107 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.13 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion: 70 Resp: 64386

Ion	Ratio	Lower	Upper
70	100		
42	57.6	58.6	87.8#
101	0.0	7.8	11.8#
130	2.0	17.1	25.7#



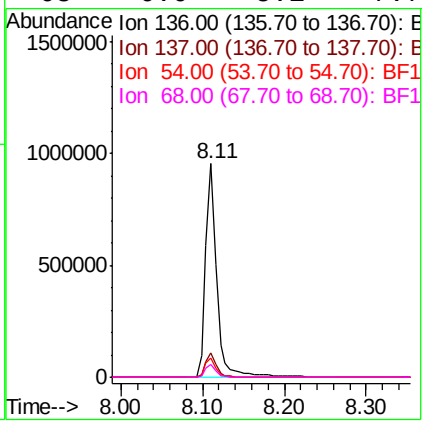


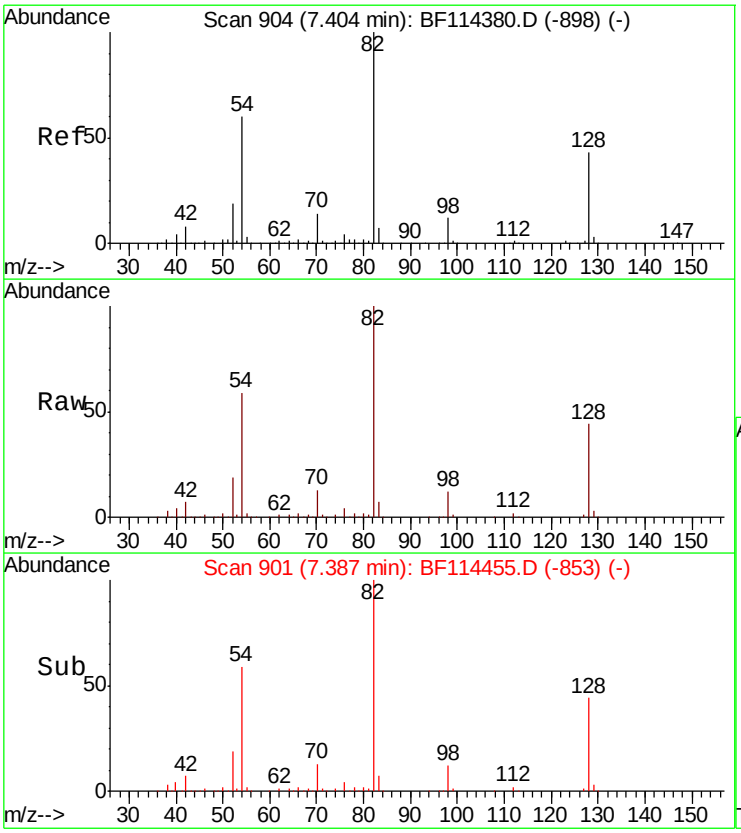
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 907327

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.2	7.8	11.8
68	6.0	5.1	7.7

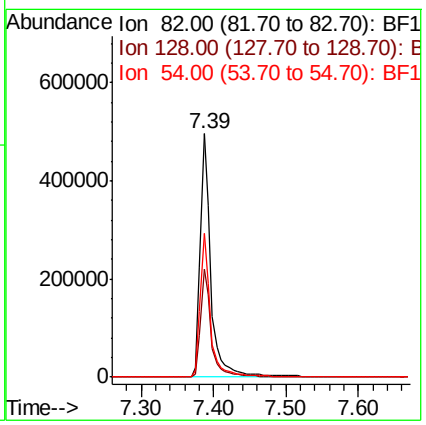


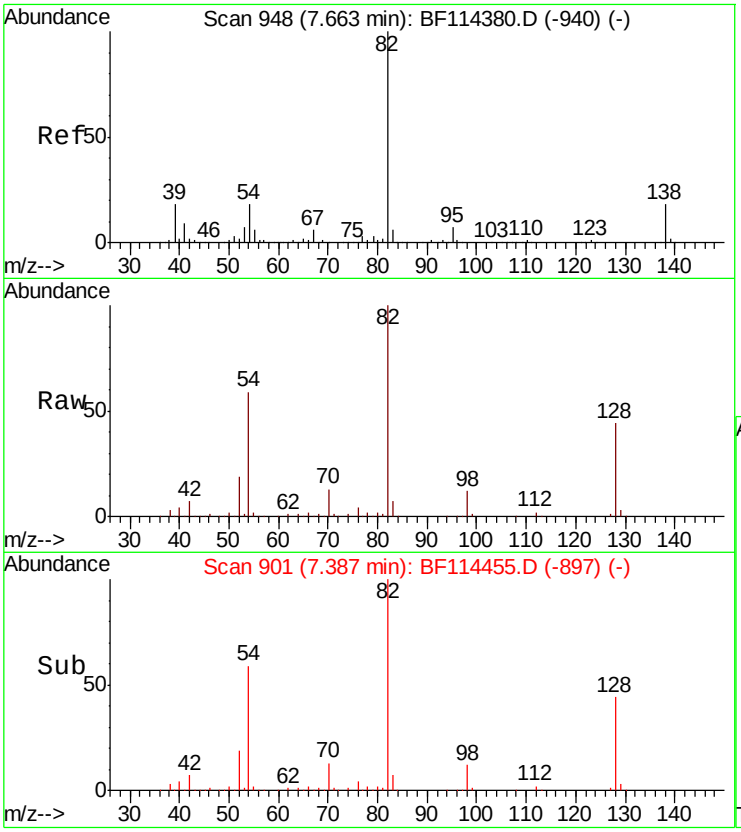


#23
Nitrobenzene-d5
Concen: 31.596 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion: 82 Resp: 510824

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.5	53.3
54	58.8	48.5	72.7



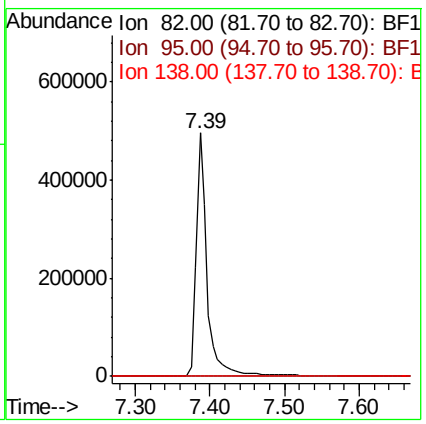


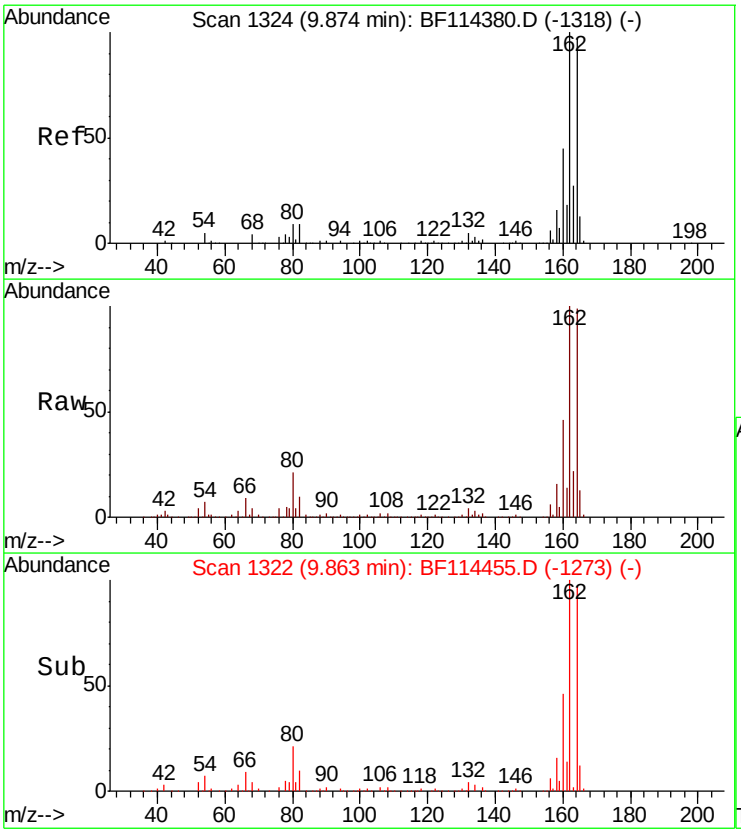
#25
Isophorone
Concen: 17.036 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 510821

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

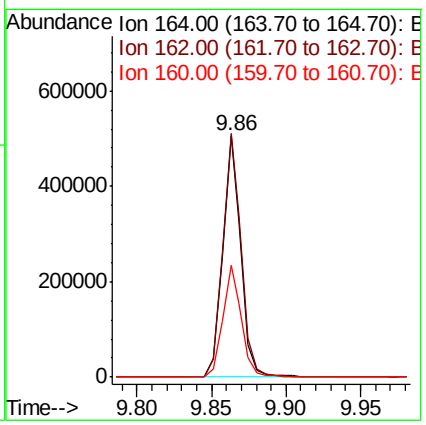


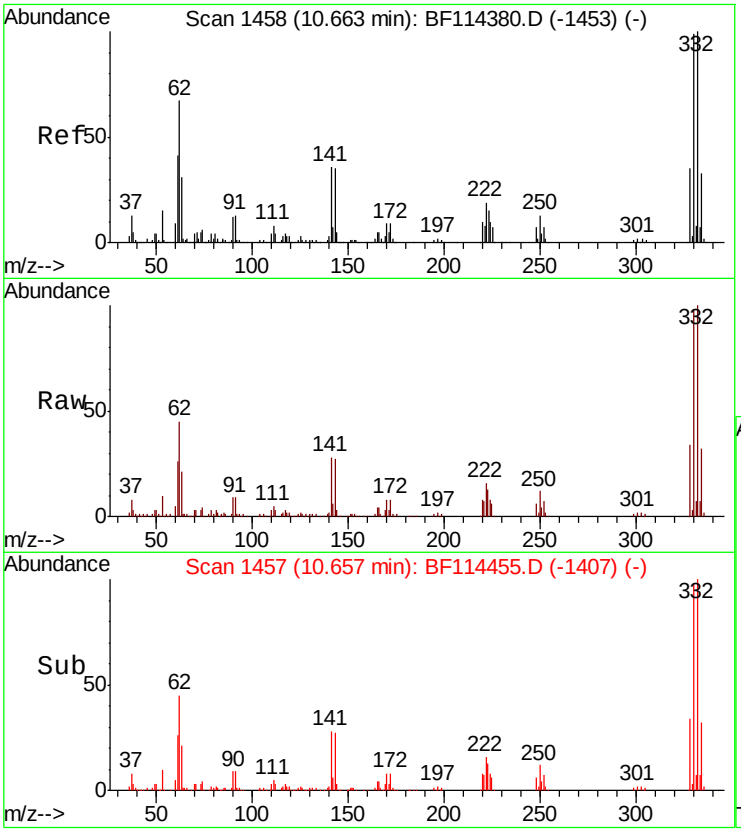


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion:164 Resp: 432215

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	46.1	36.5	54.7



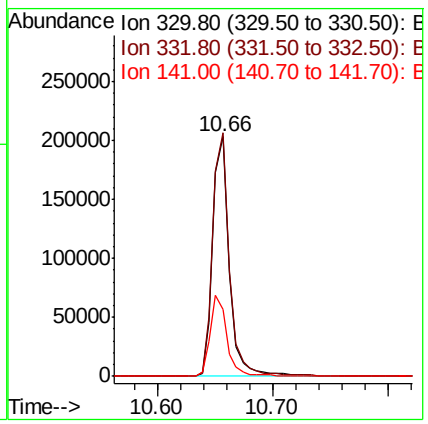


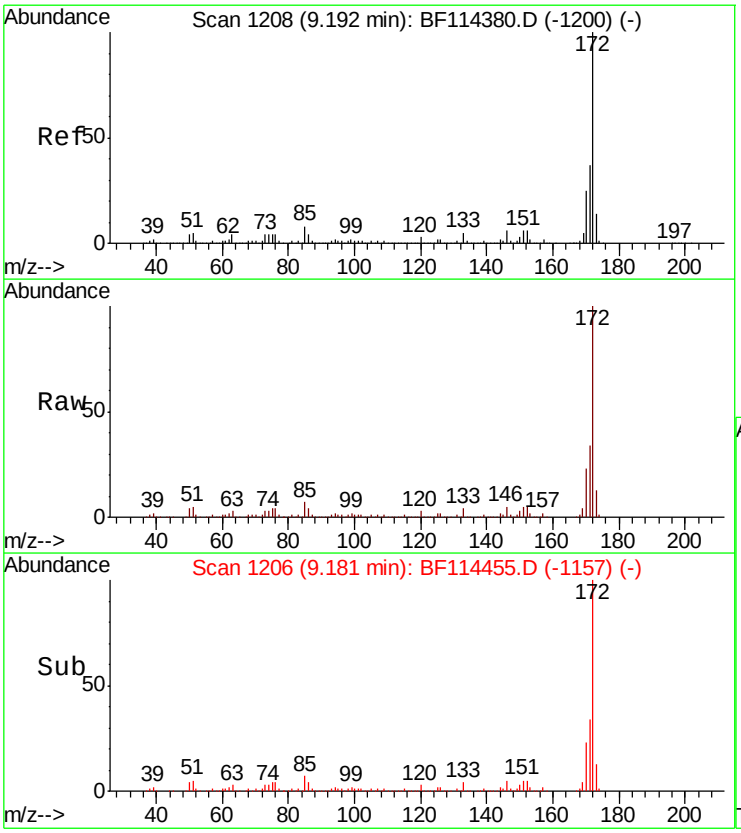
#42
2,4,6-Tribromophenol
Concen: 45.675 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 204093

Ion	Ratio	Lower	Upper
330	100		
332	103.3	81.4	122.2
141	34.5	26.6	40.0

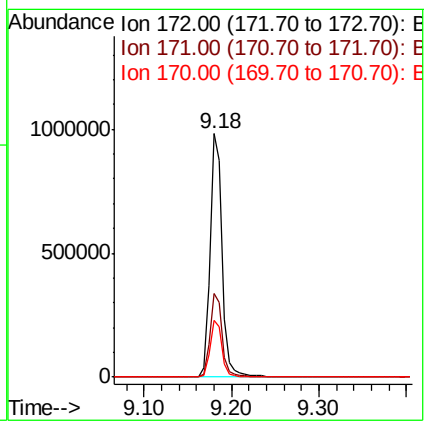


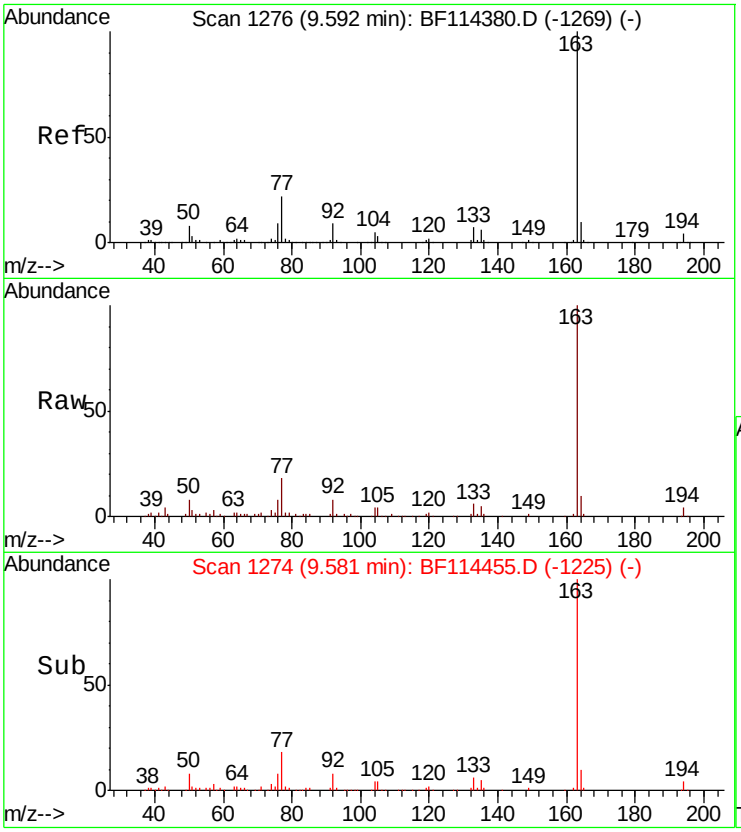


#45
2-Fluorobiphenyl
Concen: 32.950 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion:172 Resp: 941478

Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.7	46.1
170	23.4	20.5	30.7



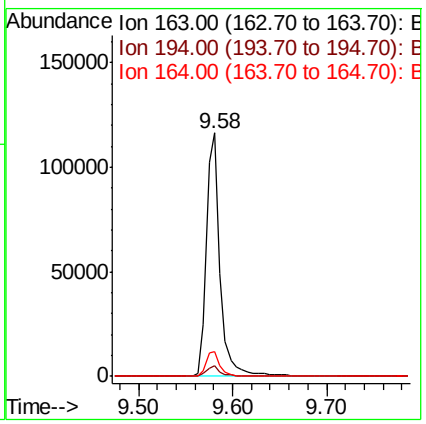


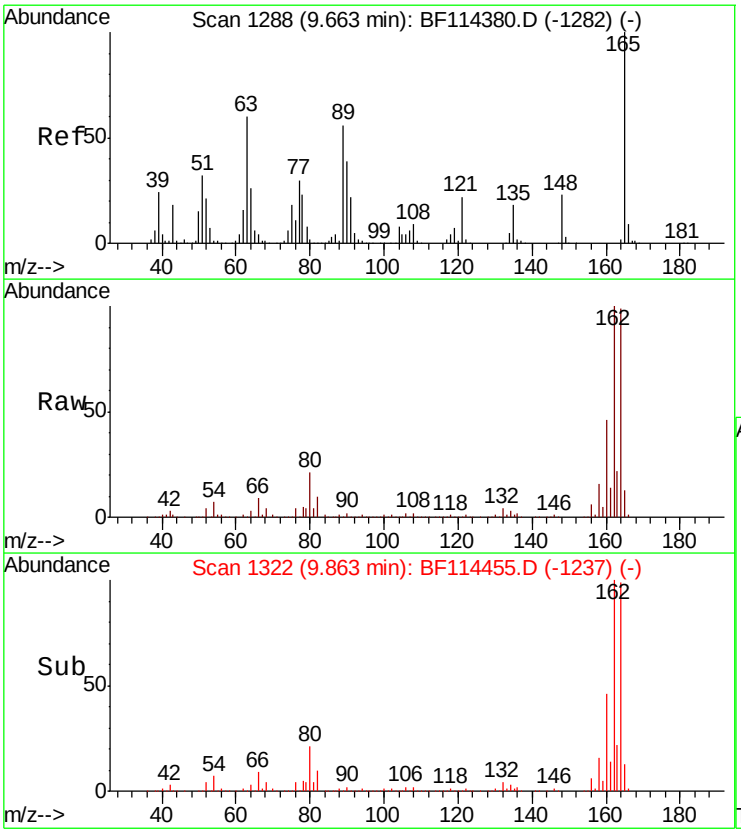
#50
Dimethylphthalate
Concen: 3.752 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:163 Resp: 119055

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.0	8.2	12.2

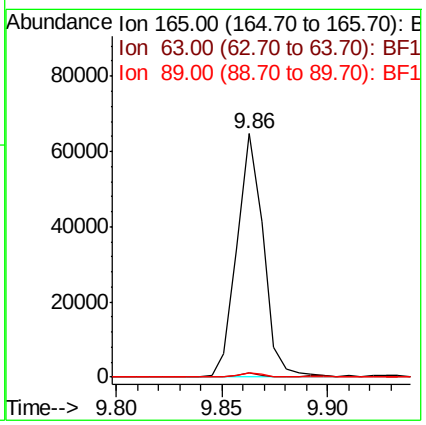


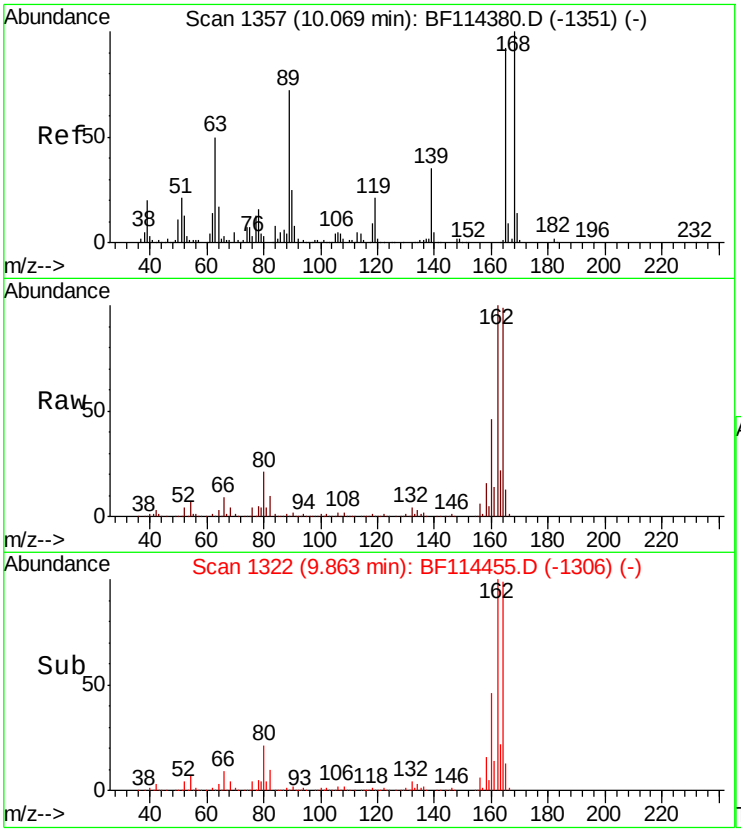


#51
2,6-Dinitrotoluene
Concen: 7.952 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.20 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion:165 Resp: 55964

Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.2	75.4#
89	1.5	46.6	69.8#



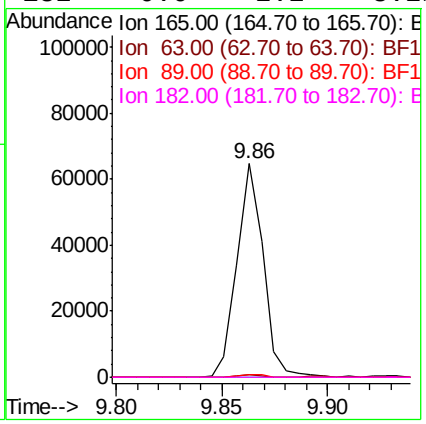


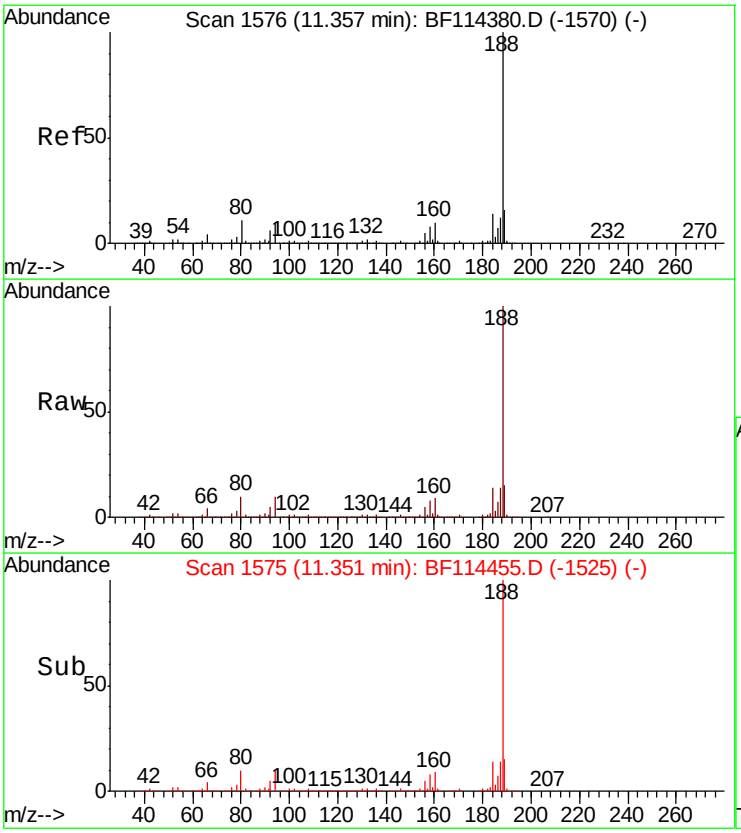
#57
2,4-Dinitrotoluene
Concen: 5.859 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.21 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:165 Resp: 55964

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

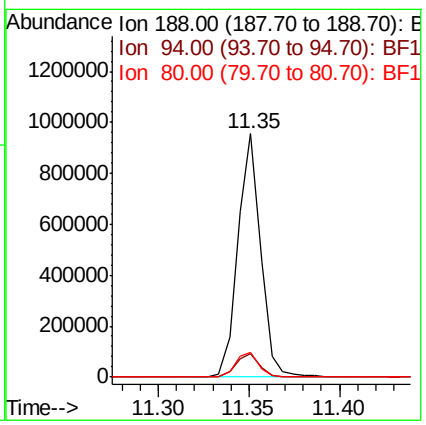


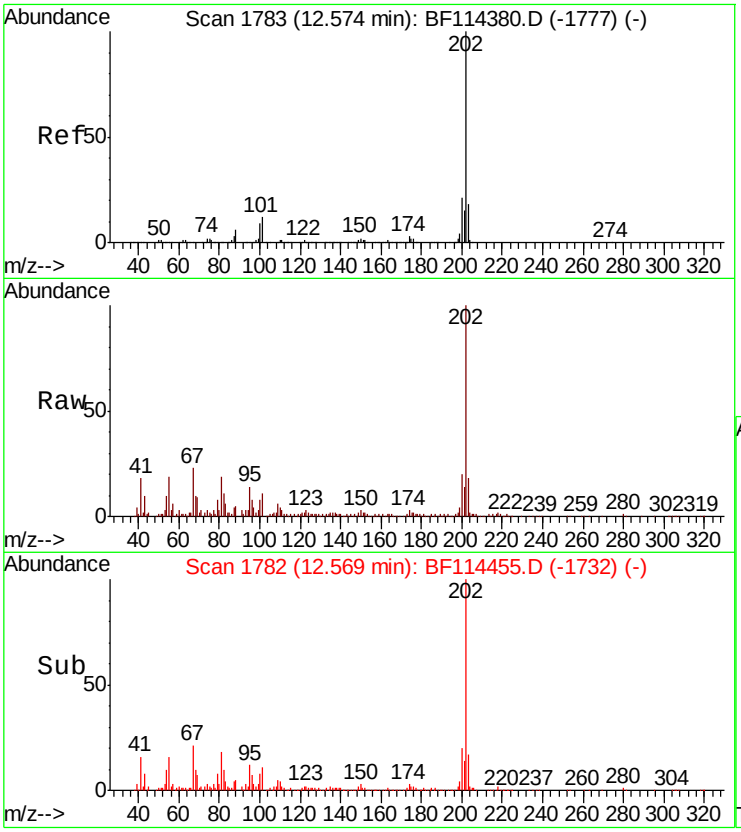


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion:188 Resp: 828449

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.4	12.6
80	10.1	9.2	13.8



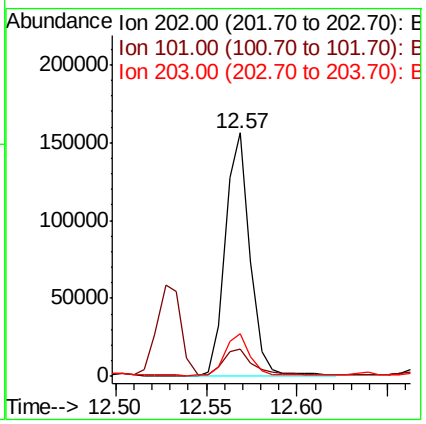


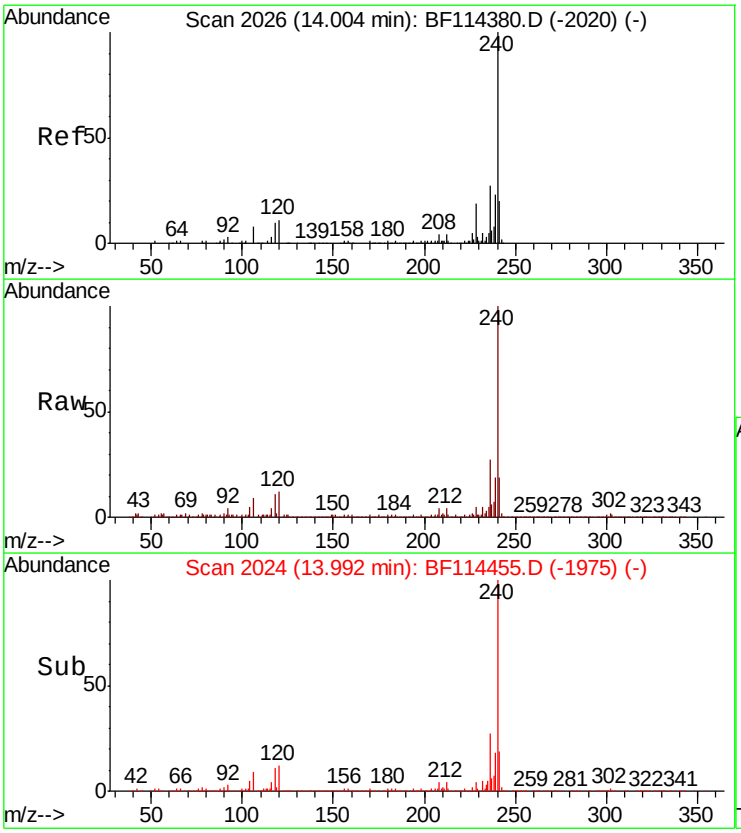
#75
Fluoranthene
Concen: 3.387 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 147011

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.0
203	17.7	0.0	38.4

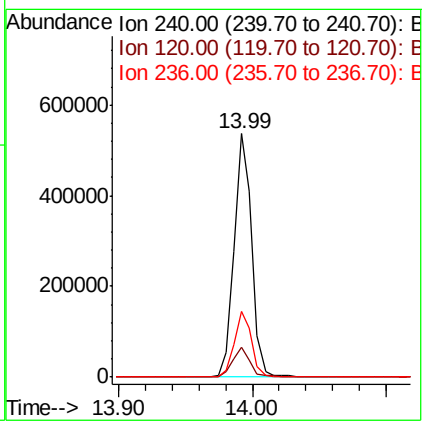


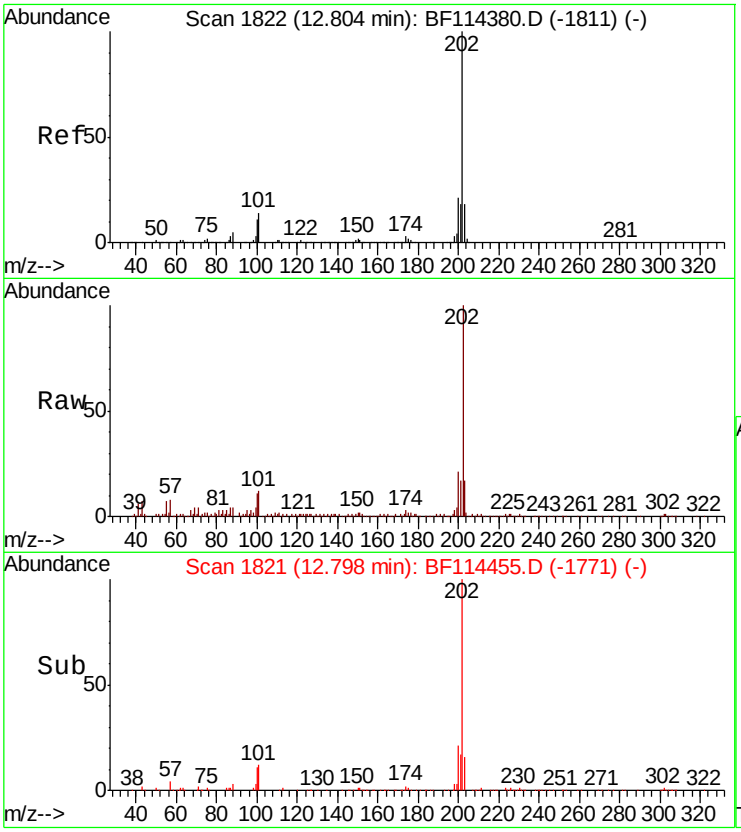


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion:240 Resp: 494109

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.3	12.5#
236	26.9	20.8	31.2



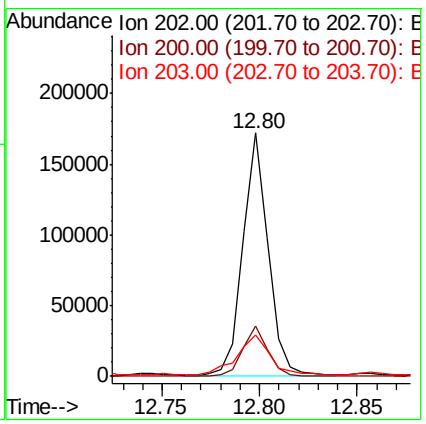


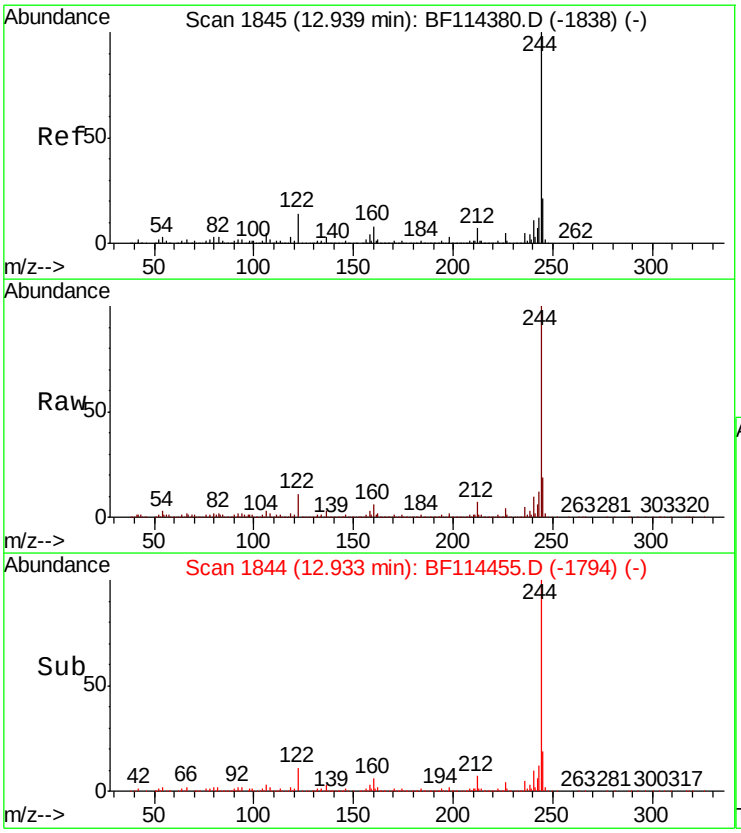
#78
Pyrene
Concen: 3.865 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 153630

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

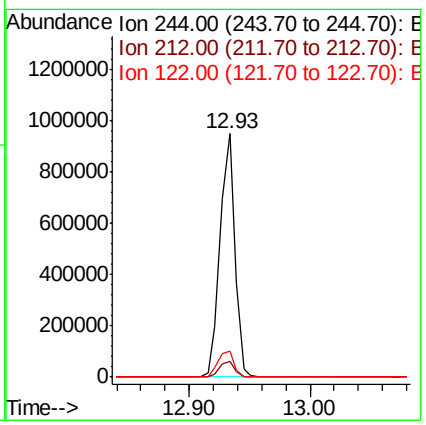


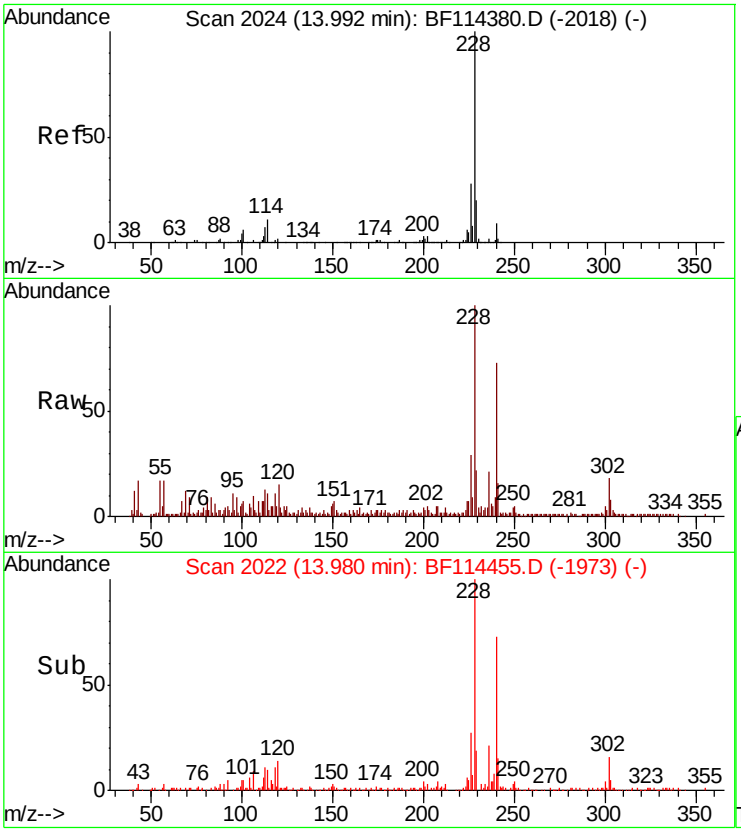


#79
Terphenyl-d14
Concen: 33.691 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion:244 Resp: 807550

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	10.8	9.4	14.2



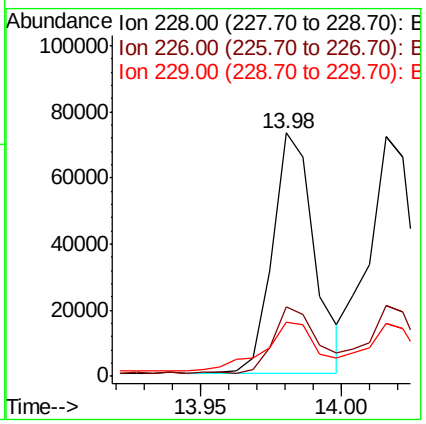


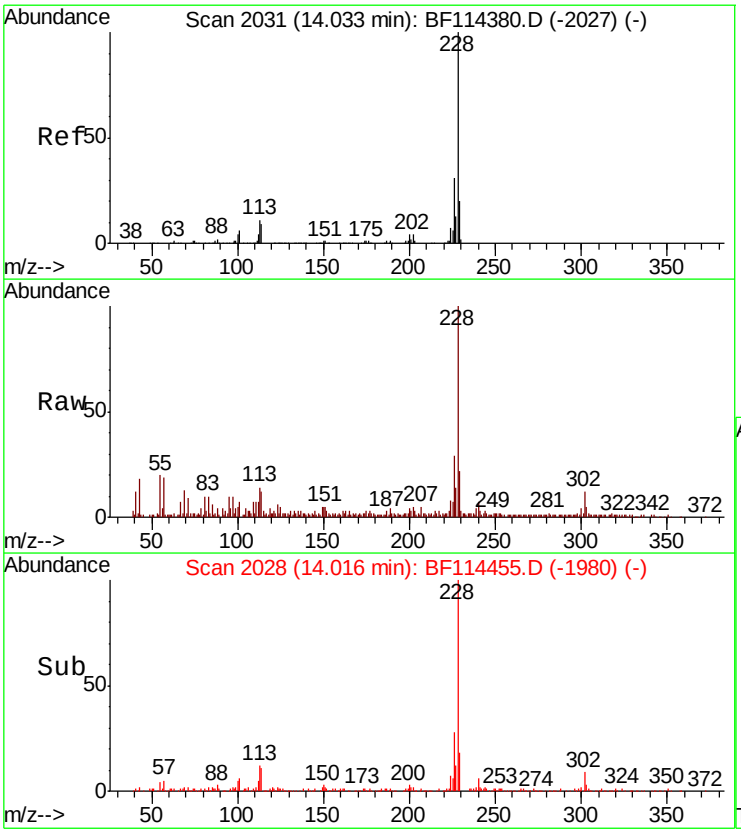
#81
Benzo(a)anthracene
Concen: 2.357 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 75321

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.2	33.2
229	22.2	16.4	24.6

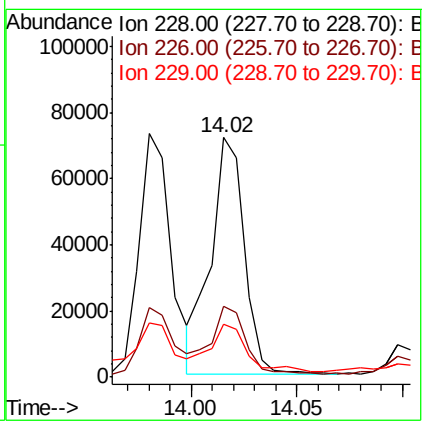


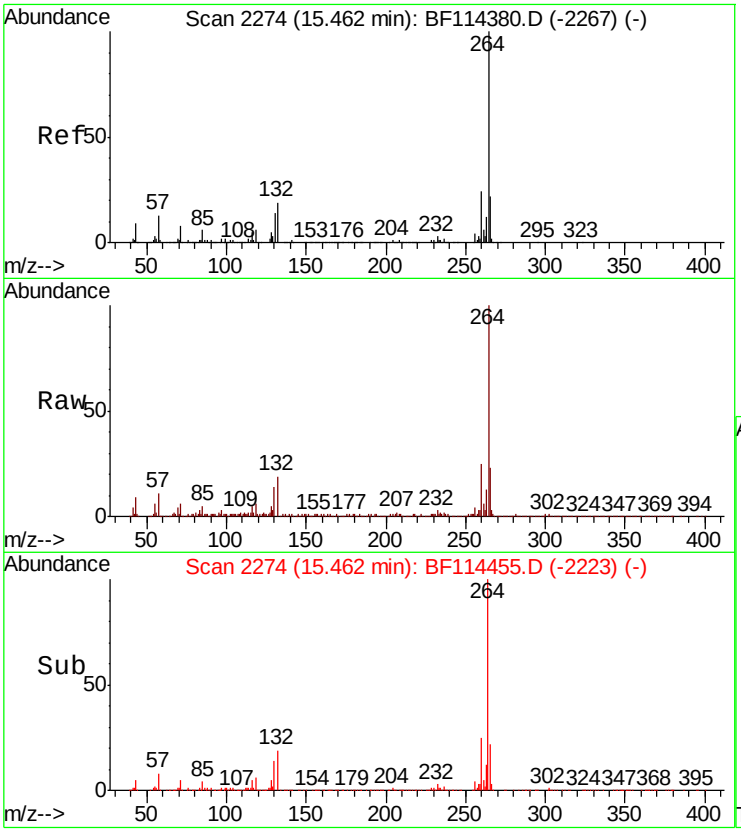


#83
Chrysene
Concen: 2.538 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion:228 Resp: 79514

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	22.2	17.0	25.6



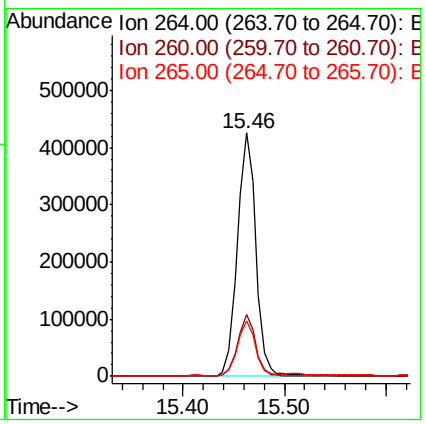


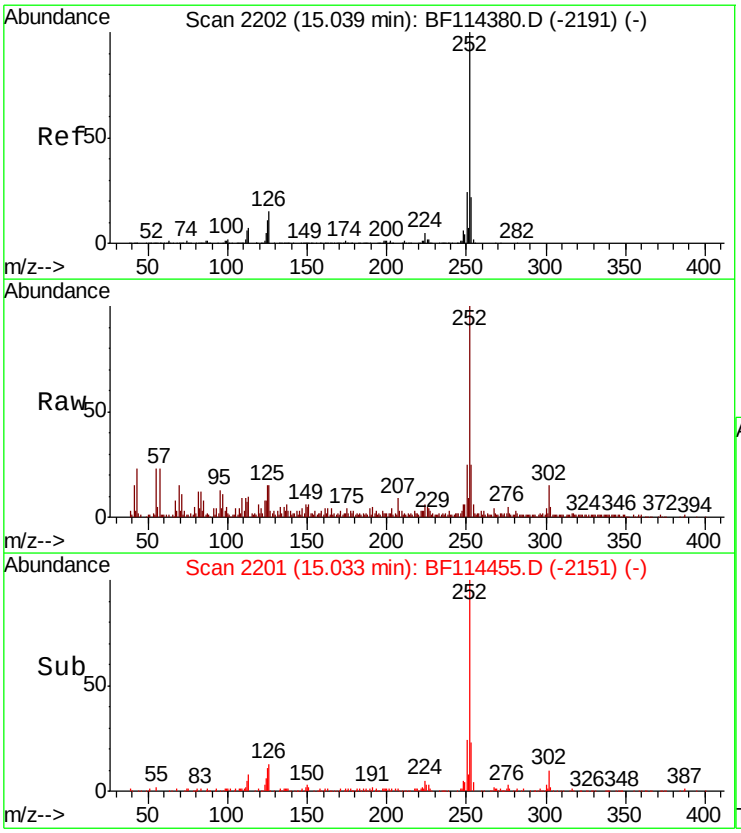
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 535211

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.0
265	22.7	16.9	25.3

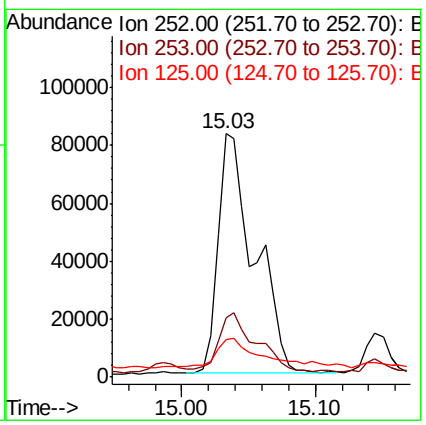


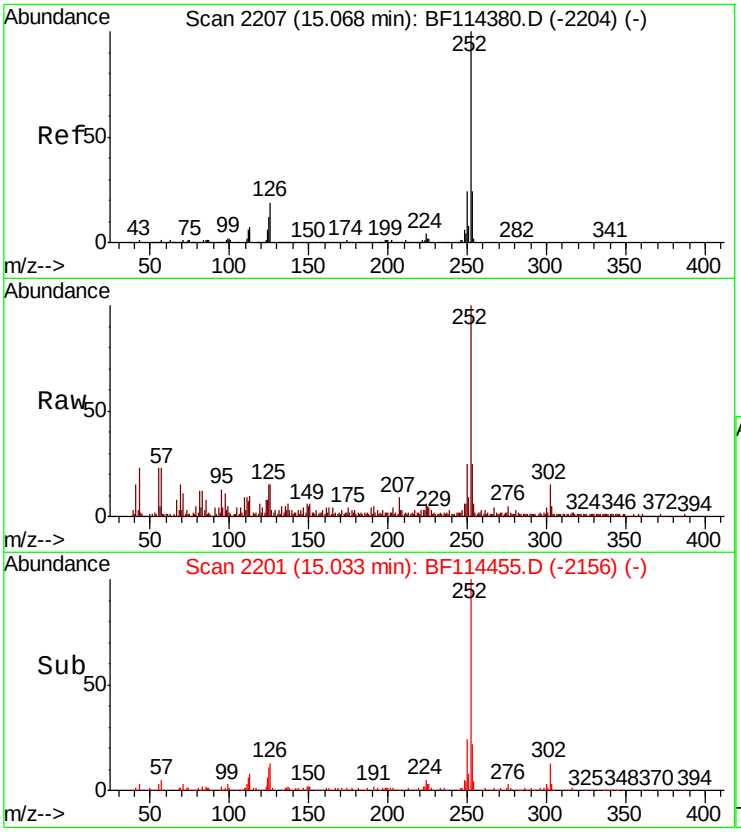


#88
Benzo(b)fluoranthene
Concen: 4.604 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion:252 Resp: 157871

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.8
125	15.5	8.3	12.5#



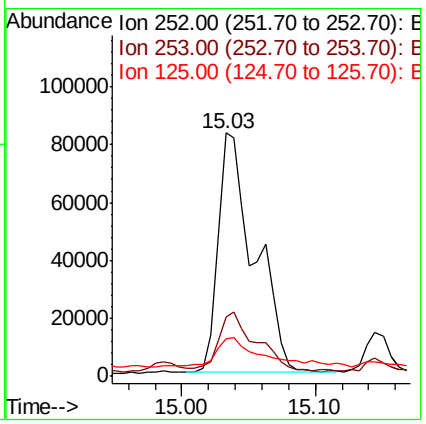


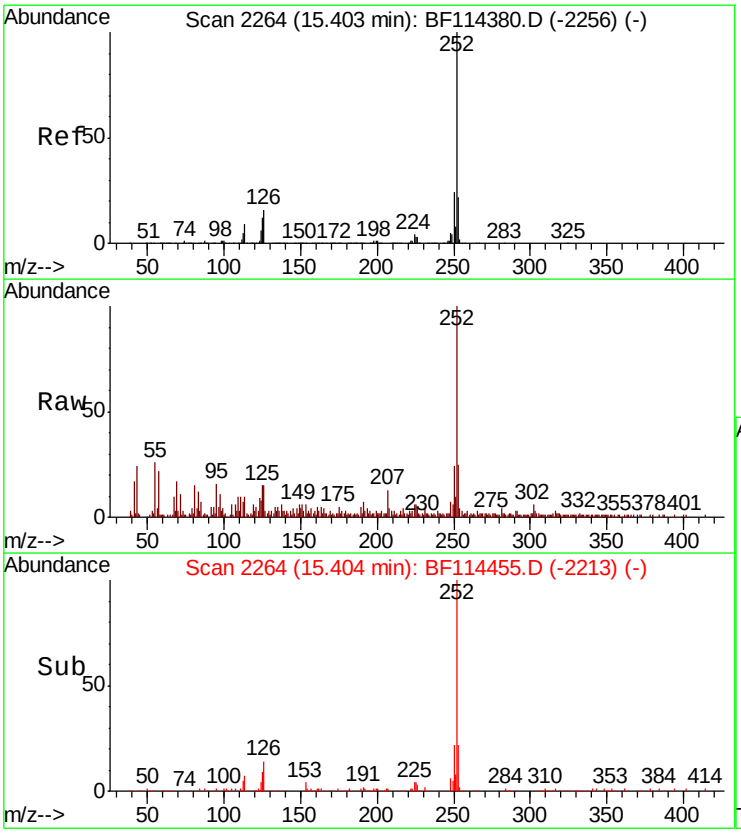
#89
Benzo(k)fluoranthene
Concen: 5.012 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 157871

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	15.5	8.6	13.0#





#90
Benzo(a)pyrene
Concen: 2.819 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion:252 Resp: 85064

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	15.3	9.5	14.3#