Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111279.D
Acq On : 11 Dec 2018 15:26
Operator : JU/SJ
Sample : J6197-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 11 17:04:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	341114	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1244021	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	538313	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	834029	20.00	ng		0.00
76) Chrysene-d12	13.96	240	445000	20.00	ng		0.00
87) Perylene-d12	15.40	264	348311	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	863178	39.96	ng		0.00
7) Phenol-d6	6.43	99	1456409	54.25	ng		0.00
23) Nitrobenzene-d5	7.35	82	827412	37.31	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	175832	36.87	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1168934	29.84	ng		0.00
79) Terphenyl-d14	12.90	244	870651	46.93	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	3724	Below Cal		#	1
10) Phenol	6.44	94	69961	2.229	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	111219	6.184	ng	#	78
25) Isophorone	7.35	82	816408	21.612	ng	#	64
46) 1,1'-Biphenyl	9.26	154	3946	Below Cal			89
50) Dimethylphthalate	9.55	163	86464	2.177	ng		98
51) 2,6-Dinitrotoluene	9.83	165	71591	8.162	ng	#	29
57) 2,4-Dinitrotoluene	9.83	165	71591	6.620	ng	#	25
71) Phenanthrene	11.34	178	139367	3.313	ng		92
75) Fluoranthene	12.53	202	161259	4.196	ng		98
78) Pyrene	12.76	202	159123	5.004	ng		95
81) Benzo(a)anthracene	13.94	228	57236	2.305	ng	#	90
88) Benzo(b)fluoranthene	14.98	252	67816	3.521	ng	#	73
89) Benzo(k)fluoranthene	14.98	252	67816	3.745	ng	#	72
90) Benzo(a)pyrene	15.33	252	37703	2.126	ng	#	79

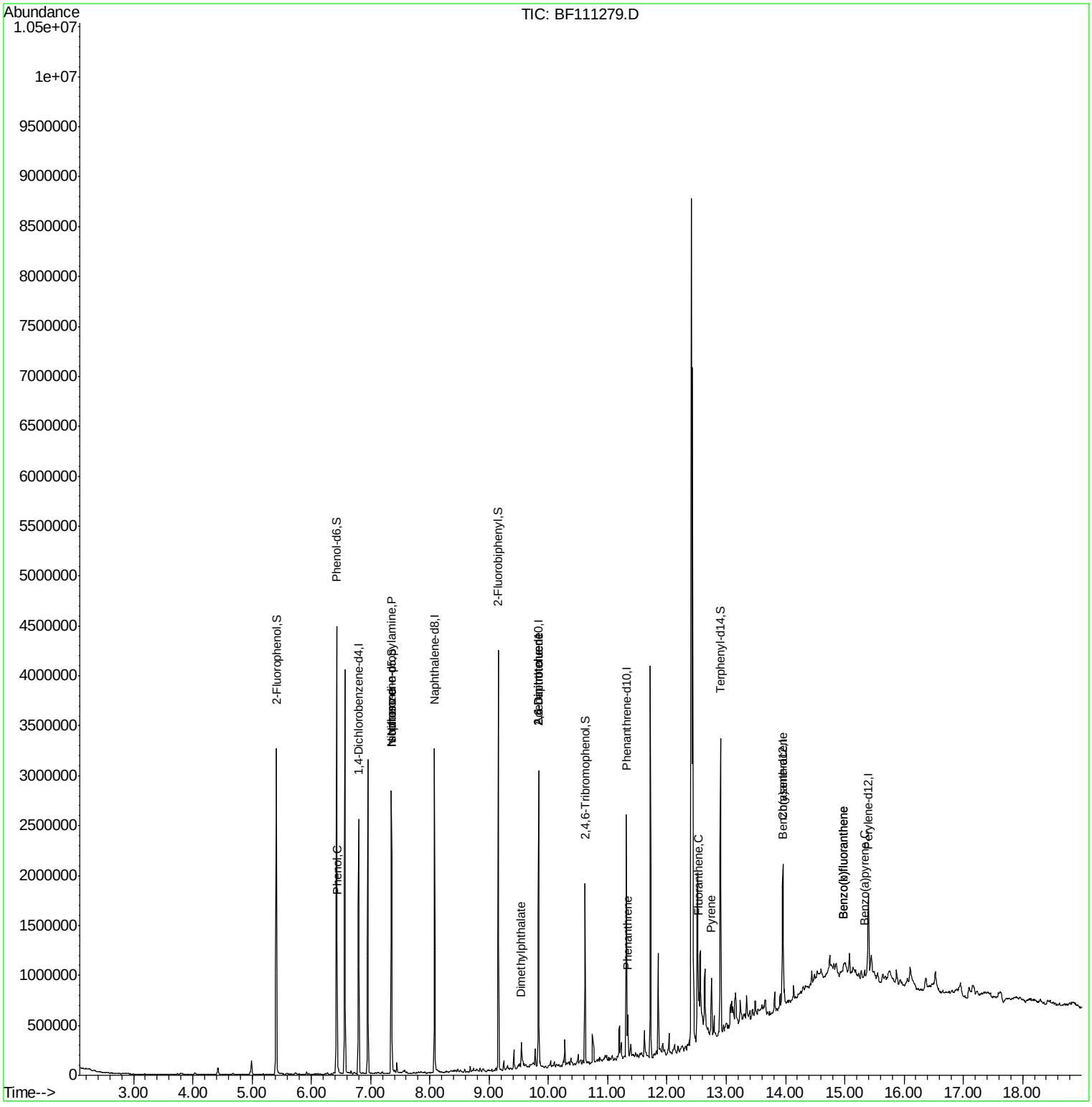
(#) = qualifier out of range (m) = manual integration (+) = signals summed

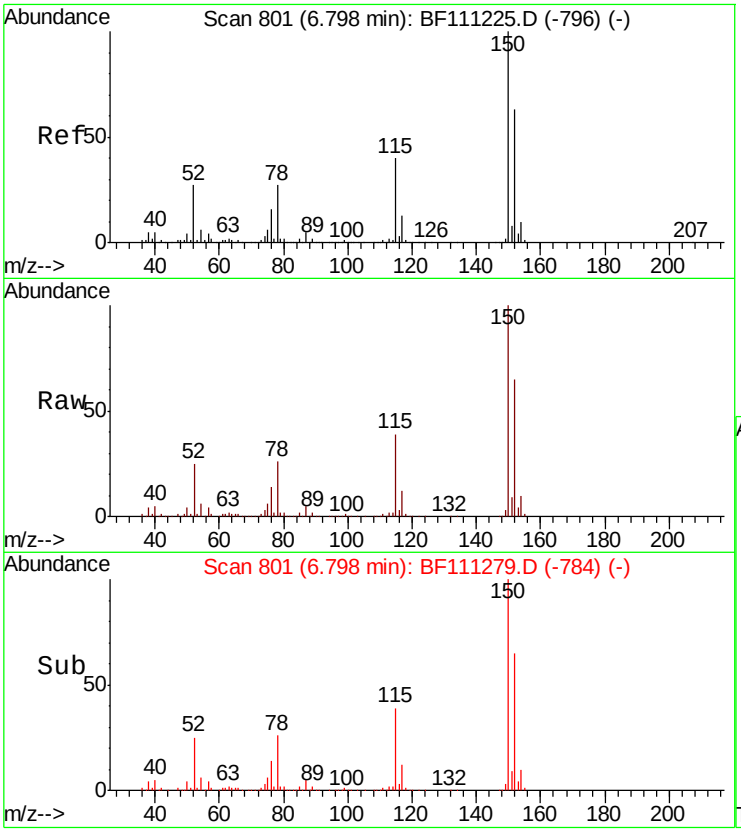
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111279.D
Acq On : 11 Dec 2018 15:26
Operator : JU/SJ
Sample : J6197-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 11 17:04:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration



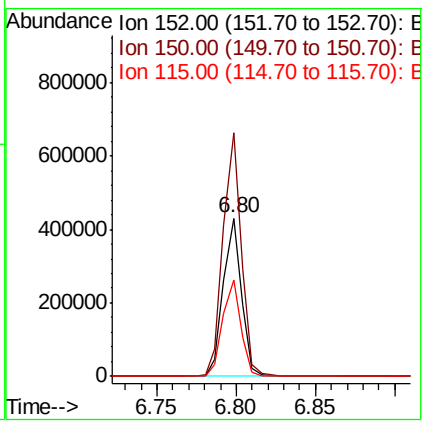


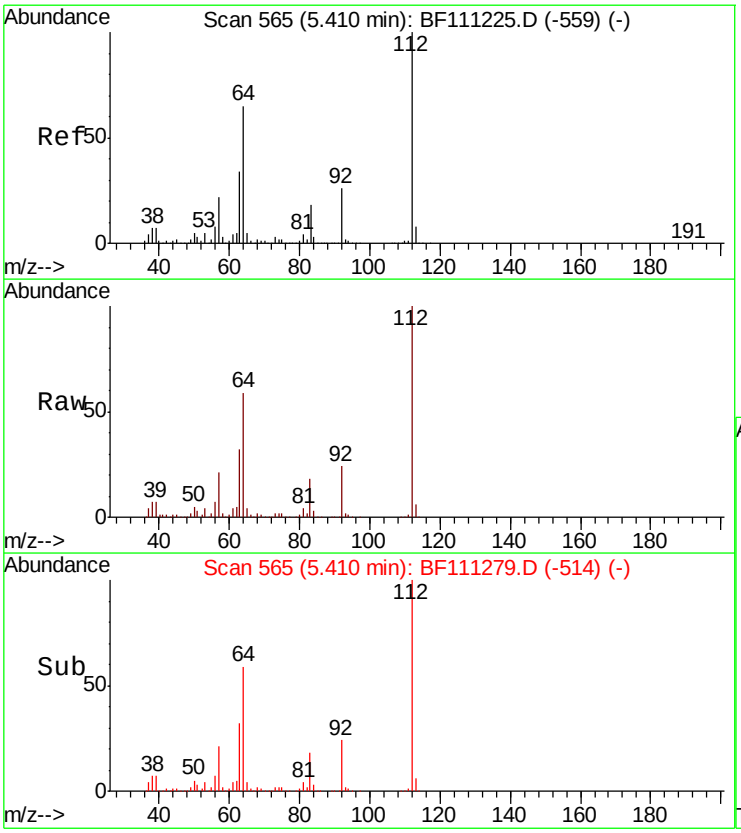
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 341114

Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.6	189.8
115	60.6	50.7	76.1

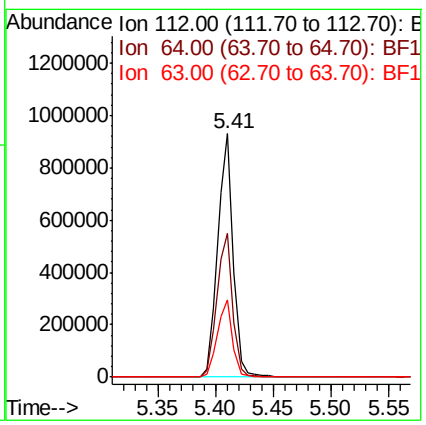


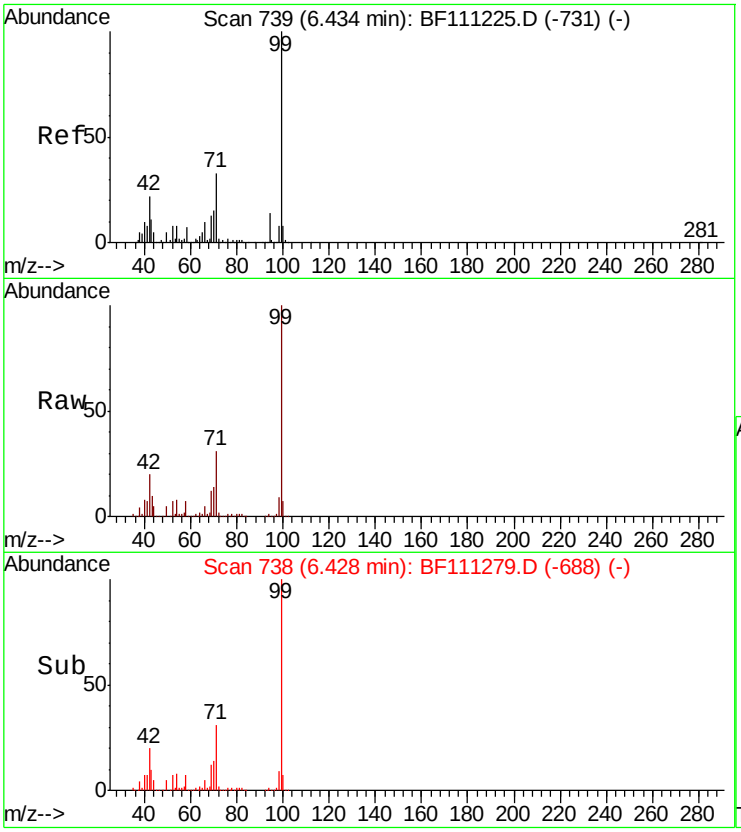


#5
2-Fluorophenol
Concen: 39.958 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion:112 Resp: 863178

Ion	Ratio	Lower	Upper
112	100		
64	59.3	51.8	77.6
63	32.0	26.8	40.2



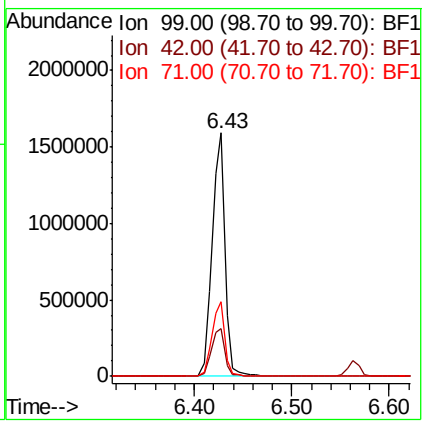


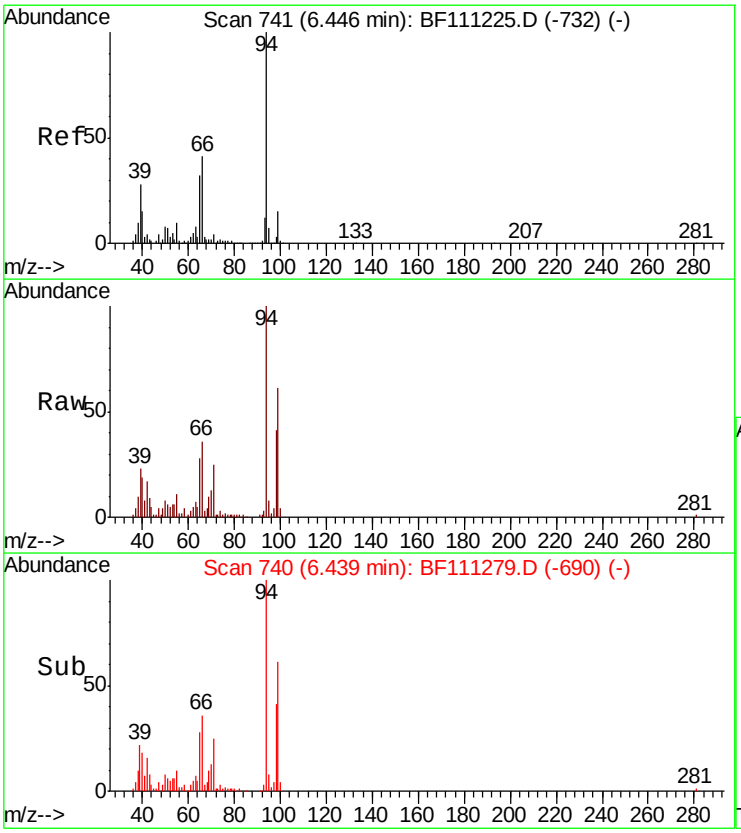
#7
Phenol-d6
Concen: 54.250 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1456409

Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.4	26.0
71	30.7	26.1	39.1

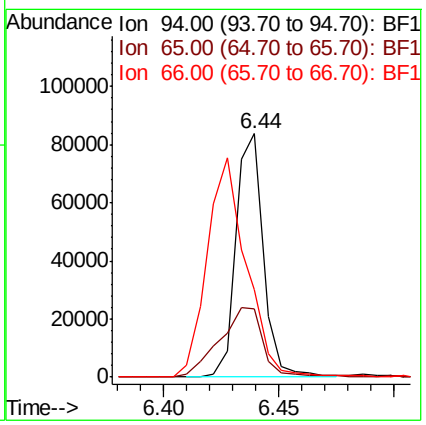


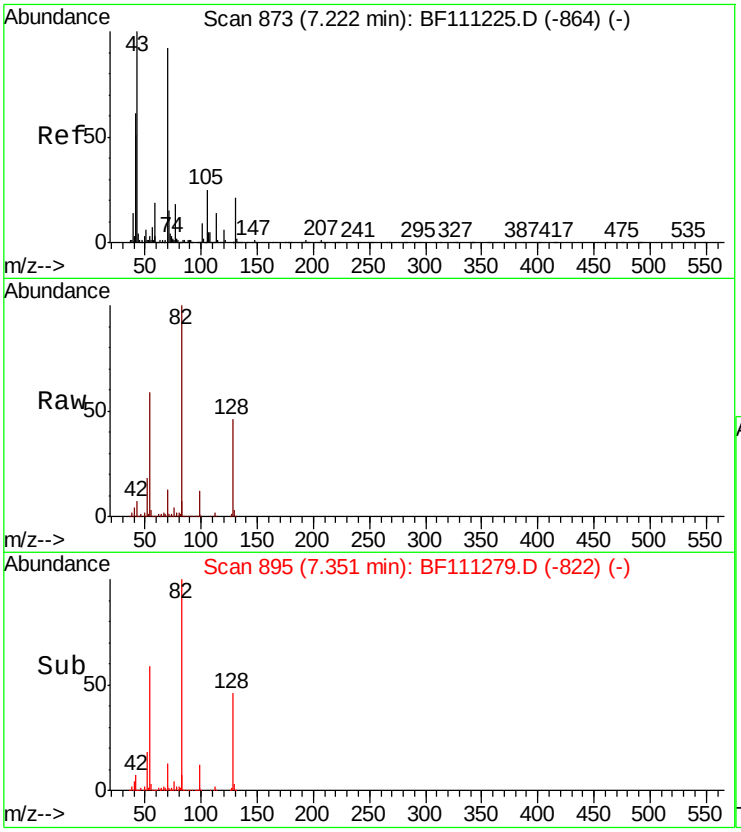


#10
Phenol
Concen: 2.229 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion: 94 Resp: 69961

Ion	Ratio	Lower	Upper
94	100		
65	27.9	11.7	51.7
66	36.1	21.0	61.0



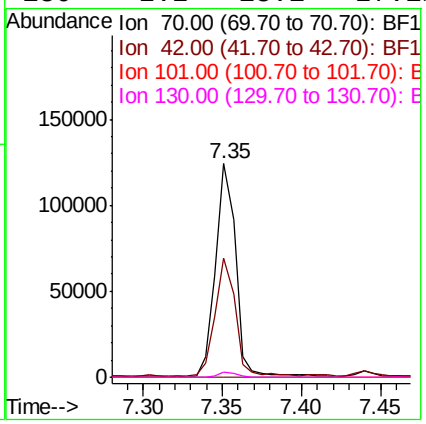


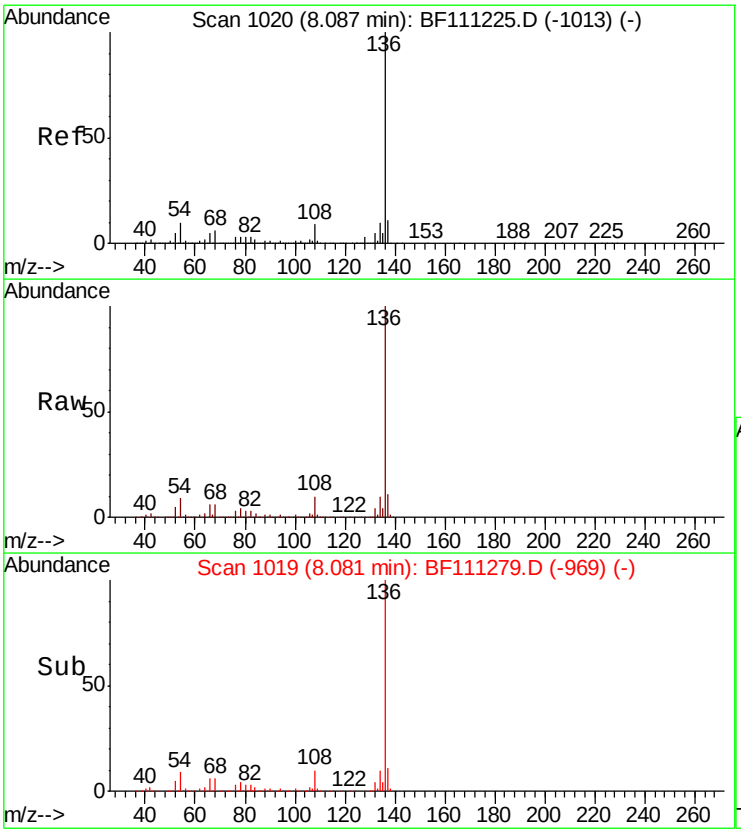
#19
n-Nitroso-di-n-propylamine
Concen: 6.184 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.13 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 111219

Ion	Ratio	Lower	Upper
70	100		
42	55.5	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#

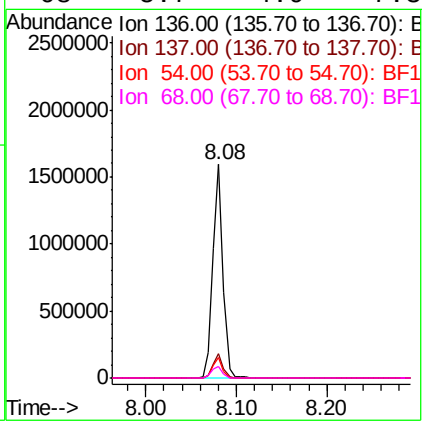


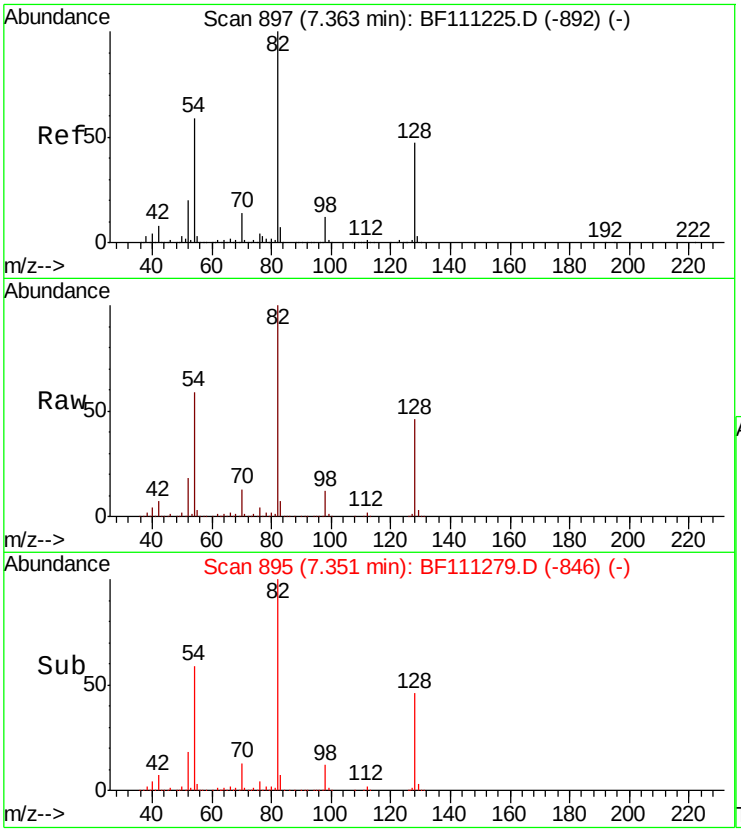


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion:136 Resp: 1244021

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.5	7.7	11.5
68	5.7	4.9	7.3



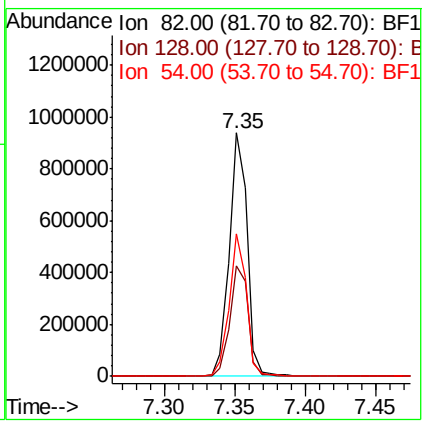


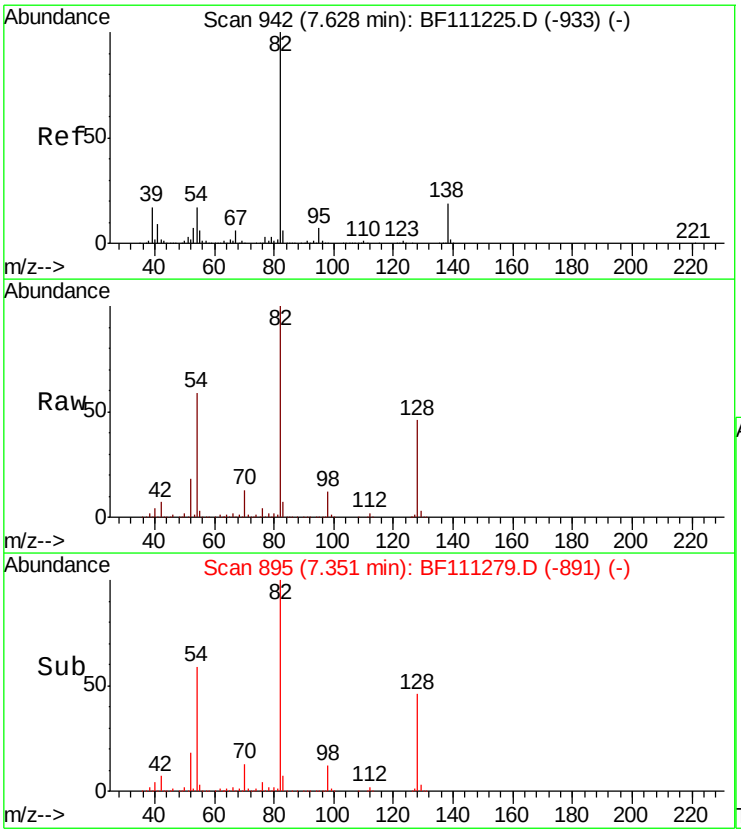
#23
Nitrobenzene-d5
Concen: 37.305 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 827412

Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.4	56.2
54	58.6	47.6	71.4

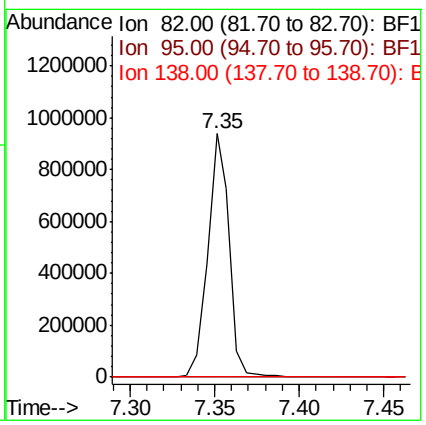


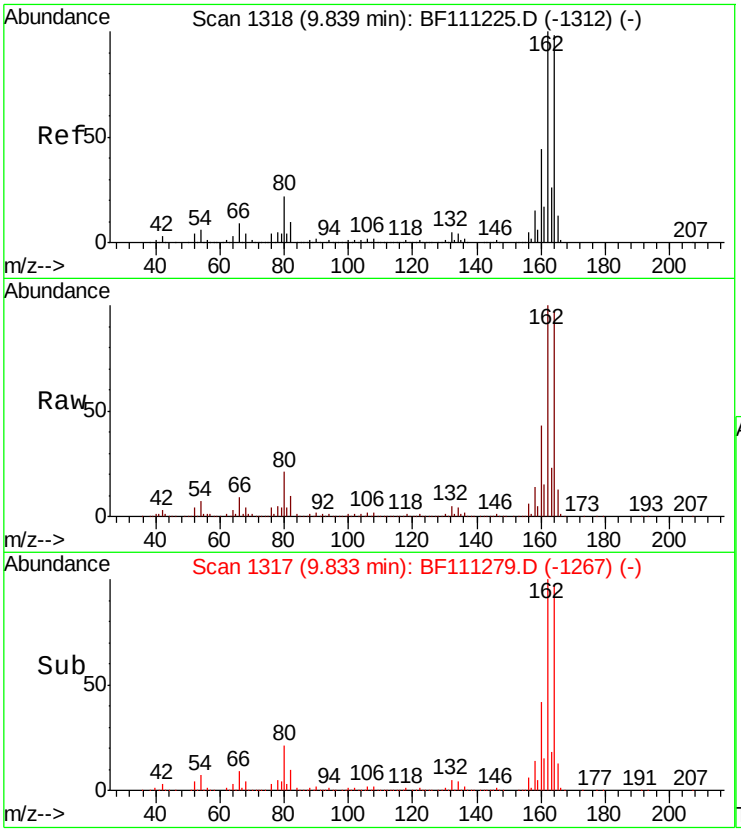


#25
Isophorone
Concen: 21.612 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.28 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion: 82 Resp: 816408

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.1	22.7#



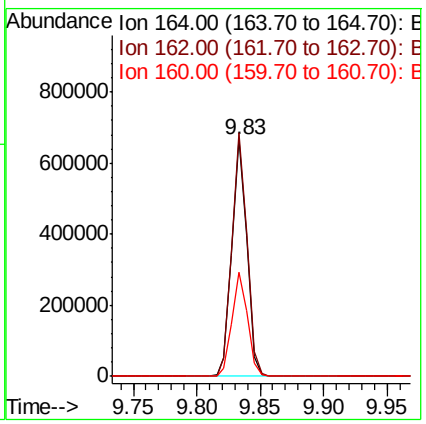


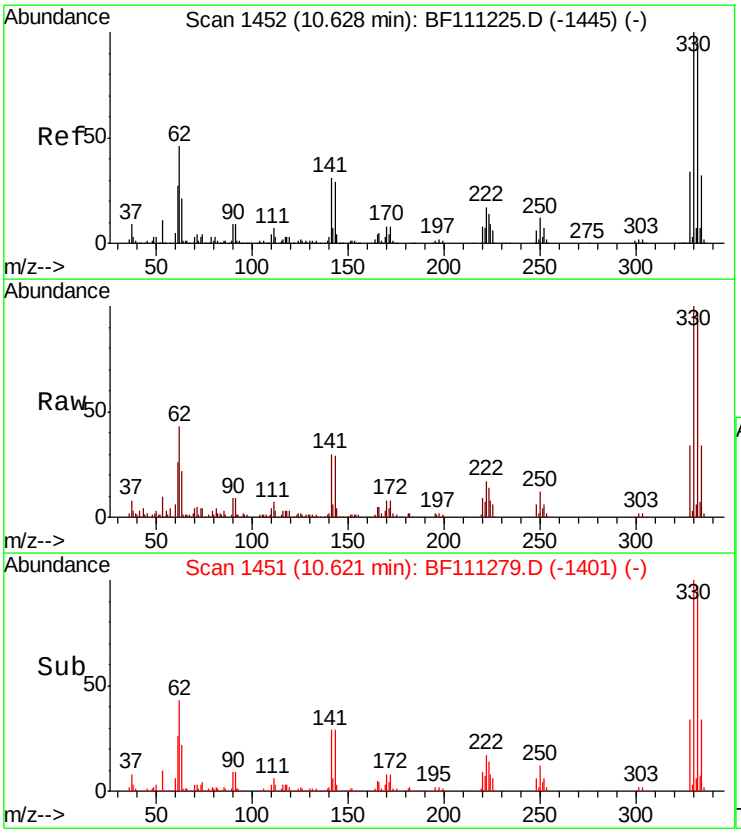
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 538313

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.0
160	43.7	35.7	53.5

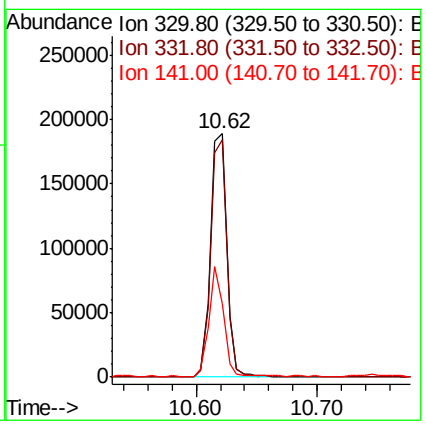


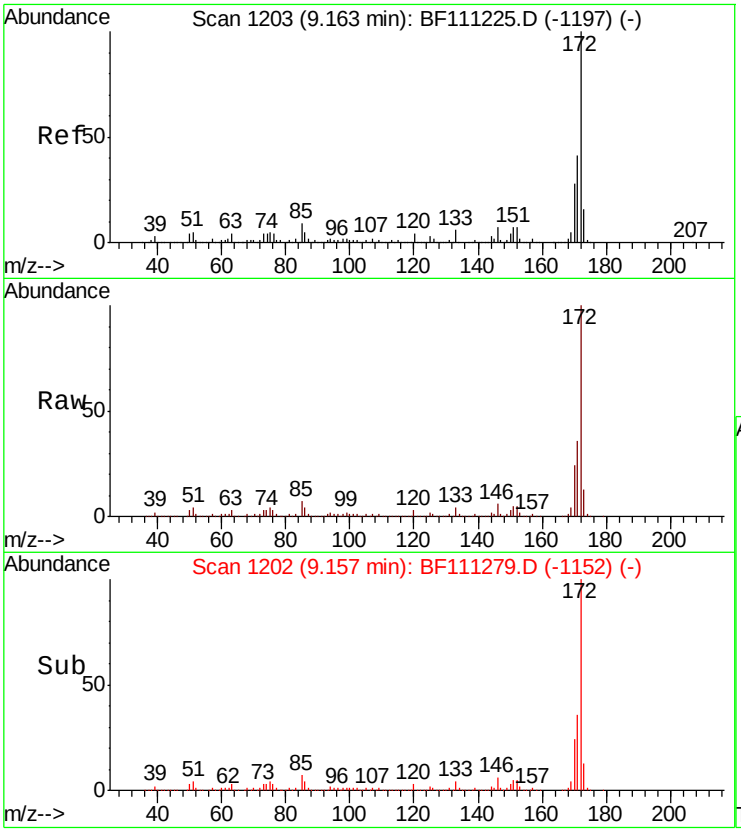


#42
2,4,6-Tribromophenol
Concen: 36.874 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion:330 Resp: 175832

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	39.3	31.0	46.6



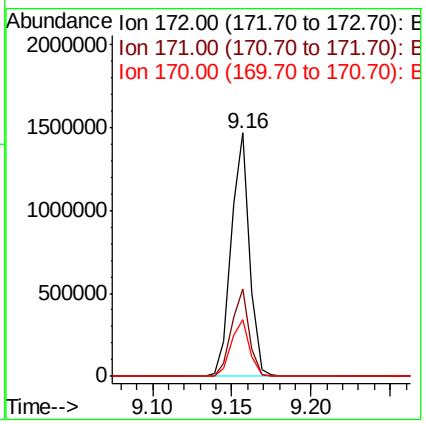


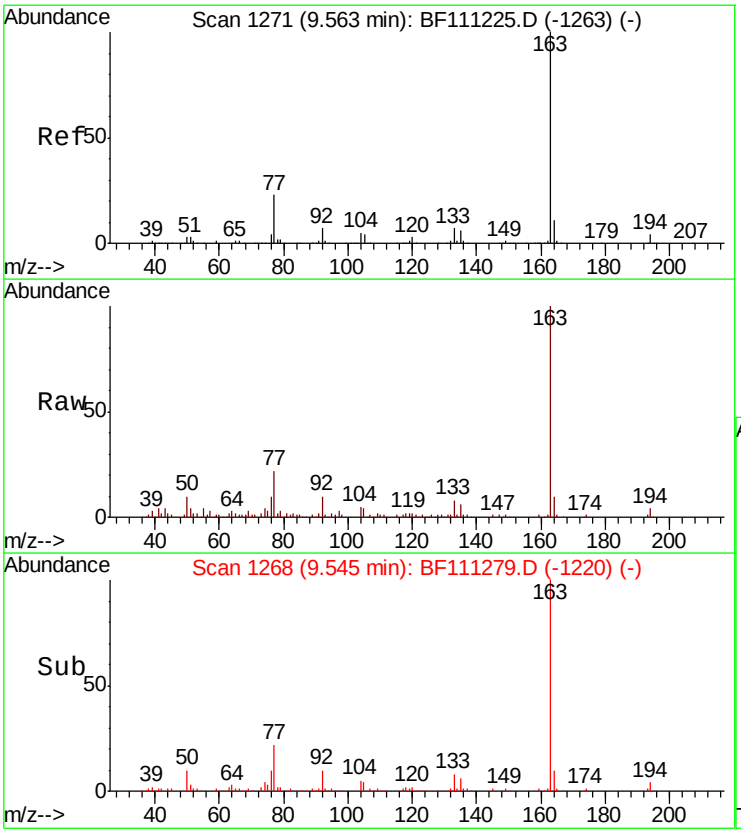
#45
2-Fluorobiphenyl
Concen: 29.844 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1168934

Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	23.5	22.3	33.5

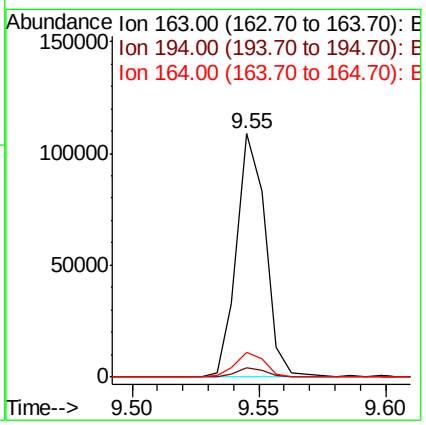


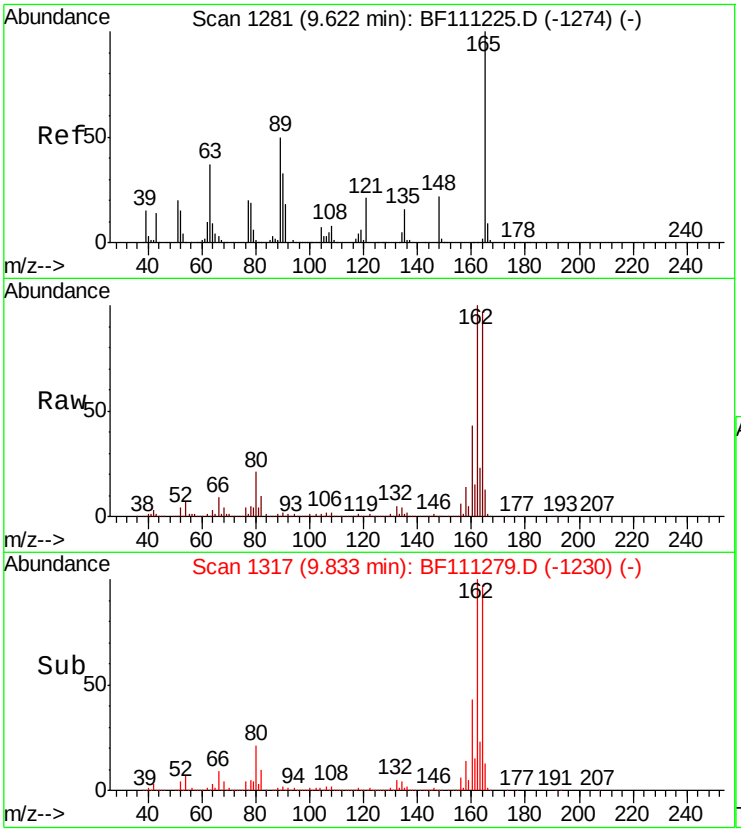


#50
Dimethylphthalate
Concen: 2.177 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion:163 Resp: 86464

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.1	8.9	13.3



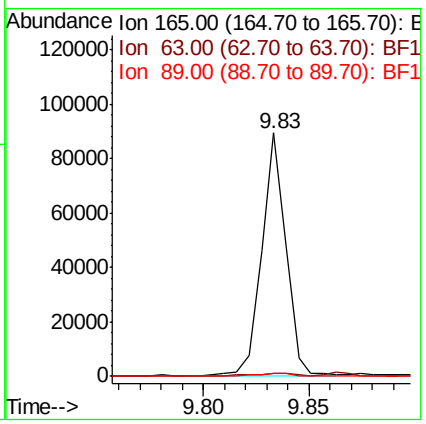


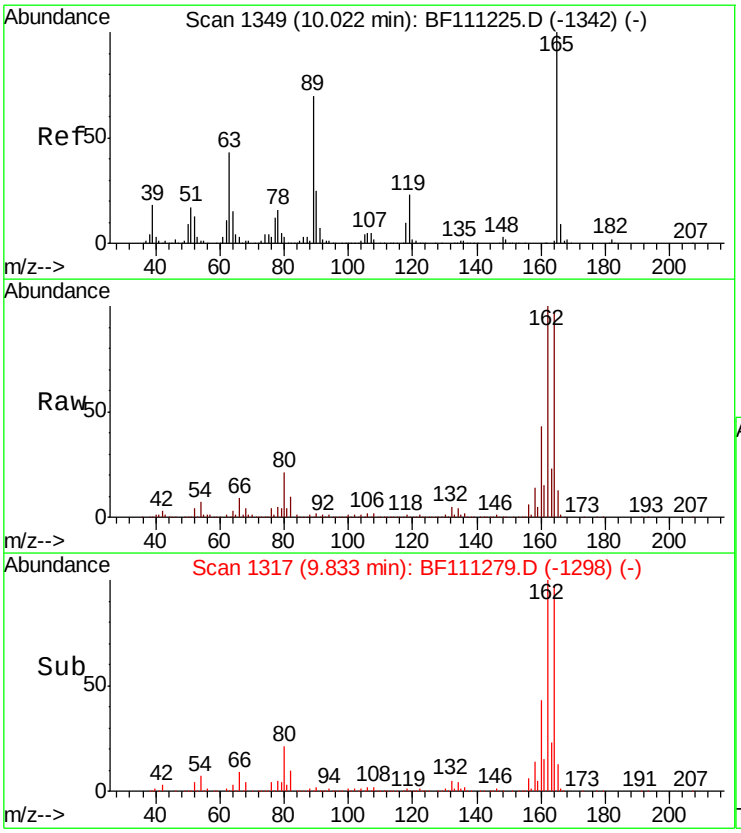
#51
2,6-Dinitrotoluene
Concen: 8.162 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 71591

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.5	60.7#
89	1.4	40.0	60.0#

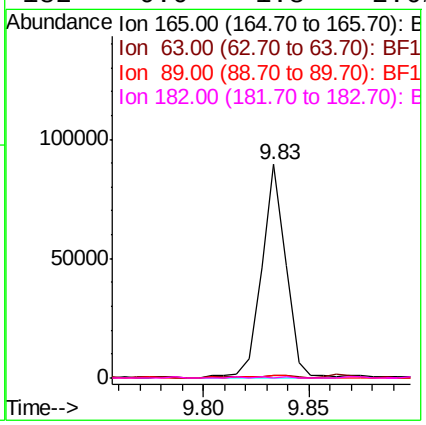


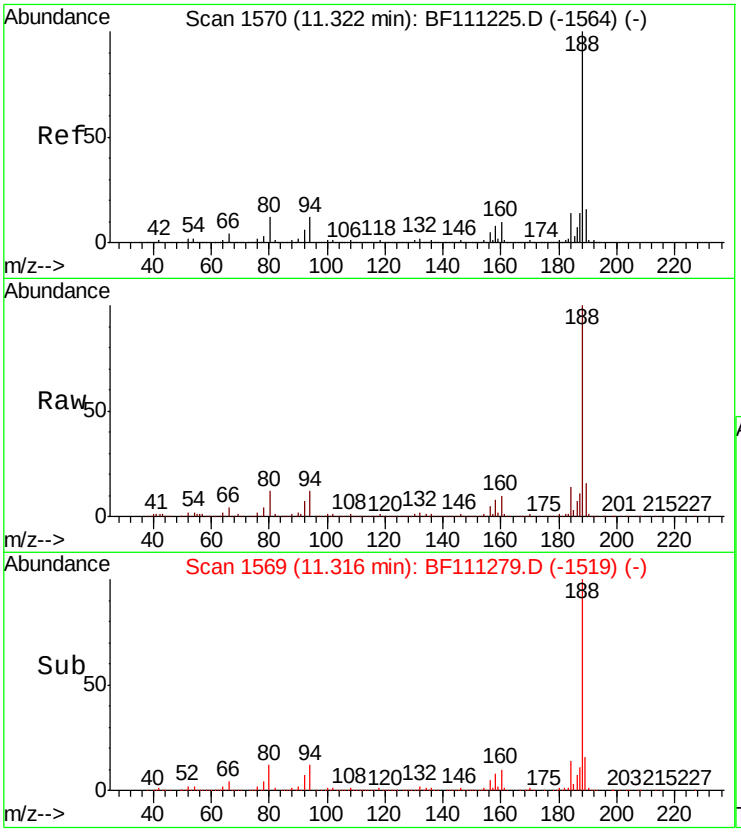


#57
2,4-Dinitrotoluene
Concen: 6.620 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion:165 Resp: 71591

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.6	52.0#
89	1.4	56.2	84.4#
182	0.0	1.8	2.6#



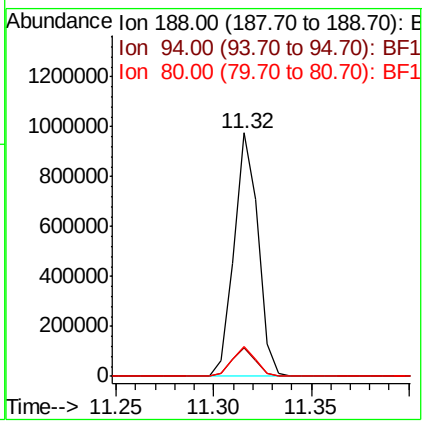


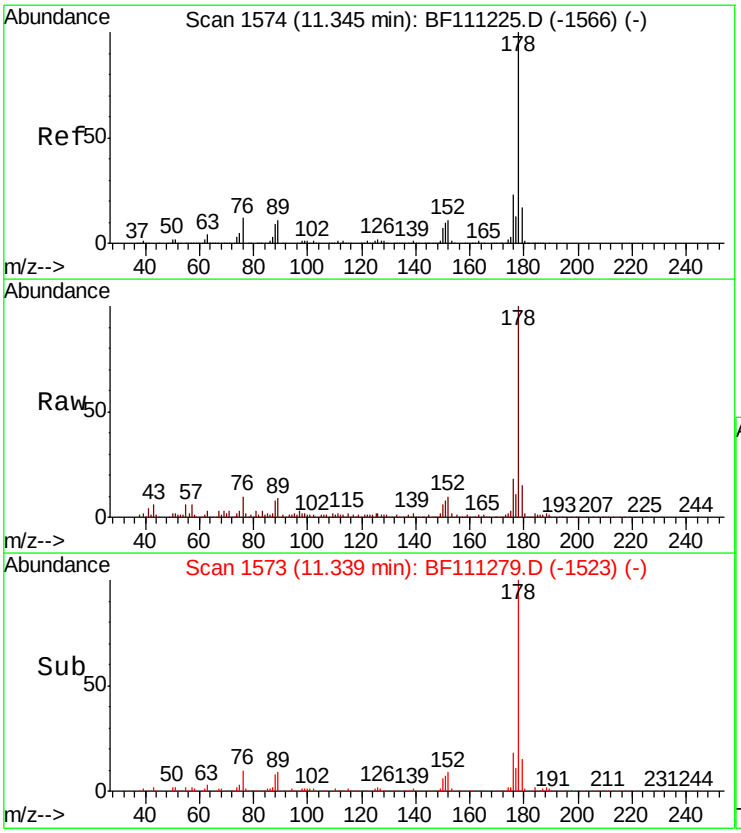
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 834029

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.6	14.4
80	12.2	9.8	14.6

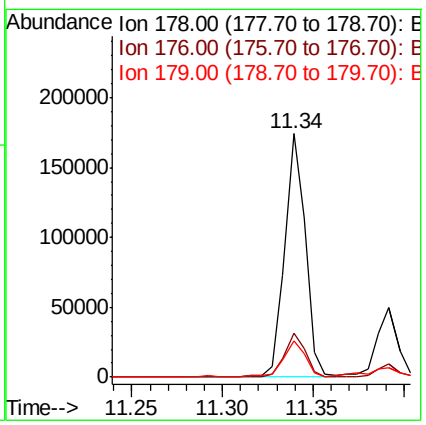


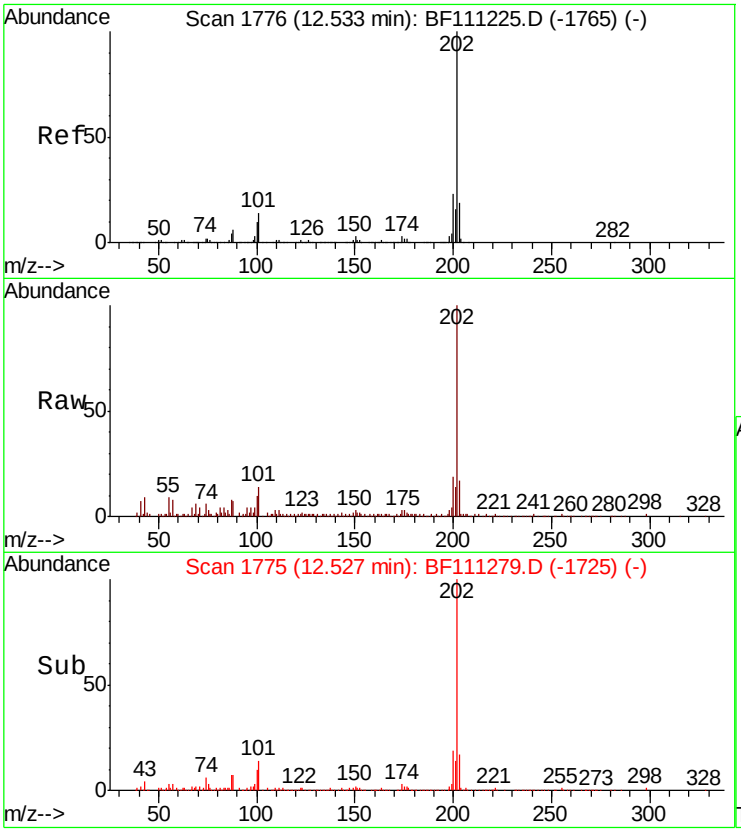


#71
Phenanthrene
Concen: 3.313 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion:178 Resp: 139367

Ion	Ratio	Lower	Upper
178	100		
176	18.2	18.1	27.1
179	15.1	14.0	21.0



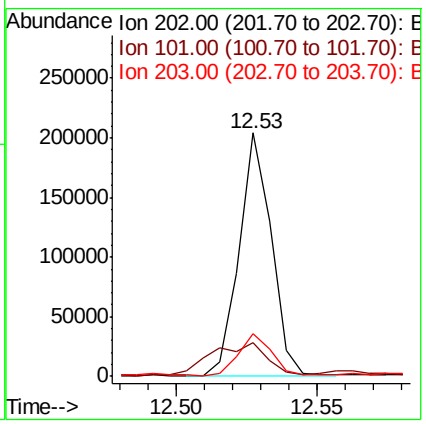


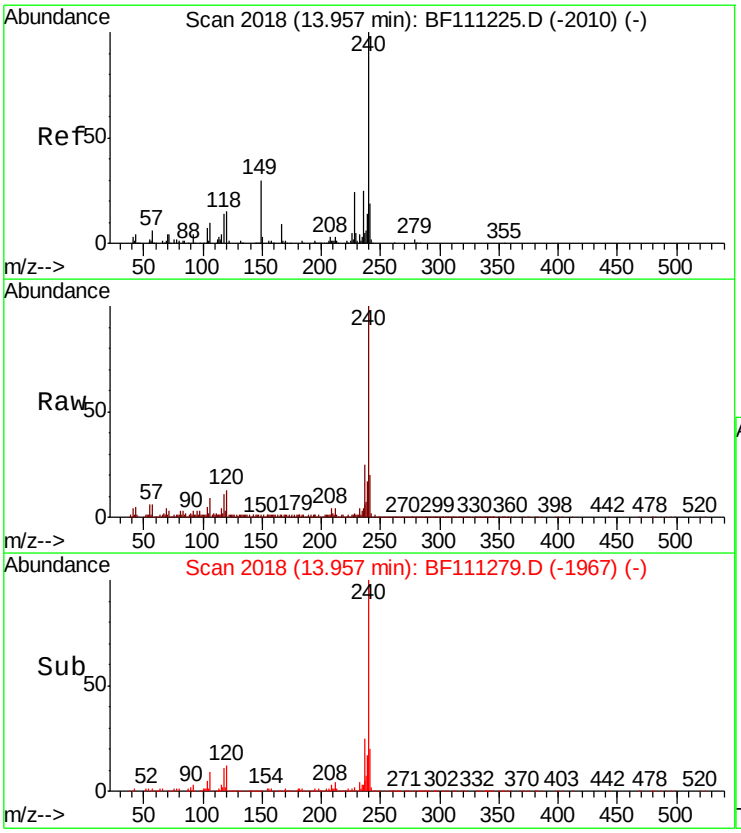
#75
Fluoranthene
Concen: 4.196 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 161259

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.8
203	17.5	0.0	38.6

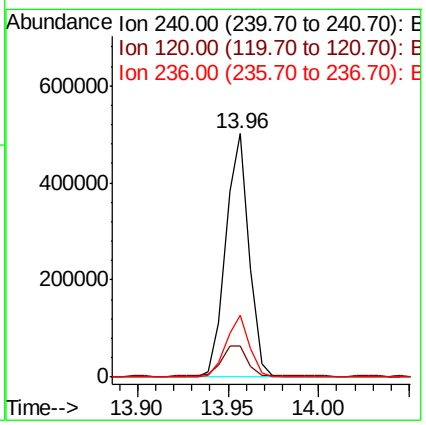


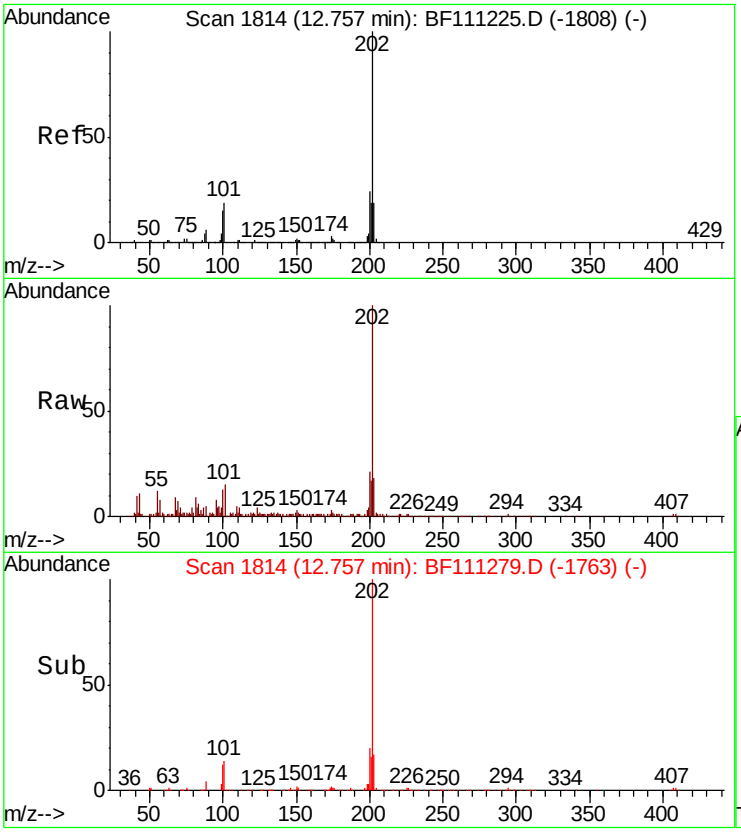


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion:240 Resp: 445000

Ion	Ratio	Lower	Upper
240	100		
120	12.8	12.2	18.2
236	25.5	20.2	30.2



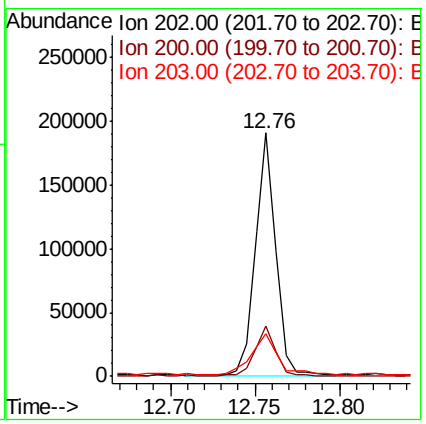


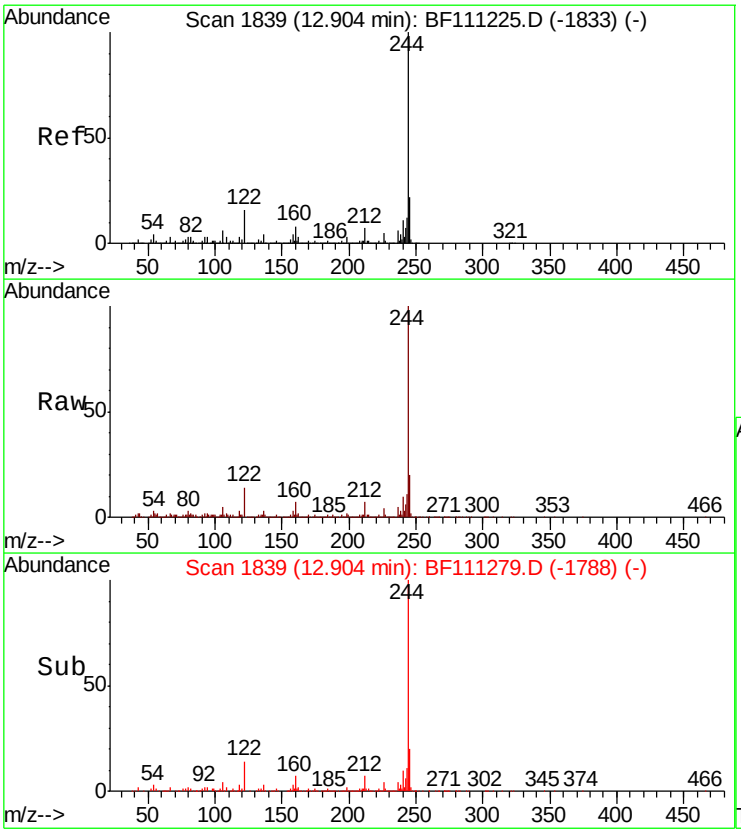
#78
Pyrene
Concen: 5.004 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 159123

Ion	Ratio	Lower	Upper
202	100		
200	20.6	19.0	28.4
203	17.6	15.2	22.8

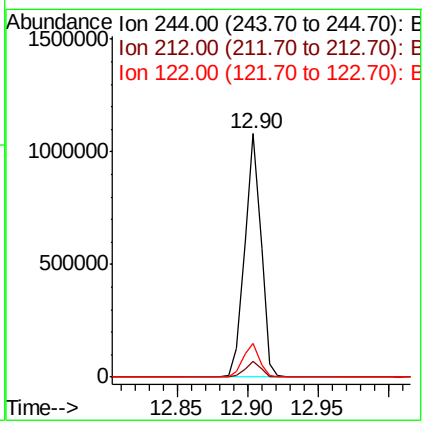


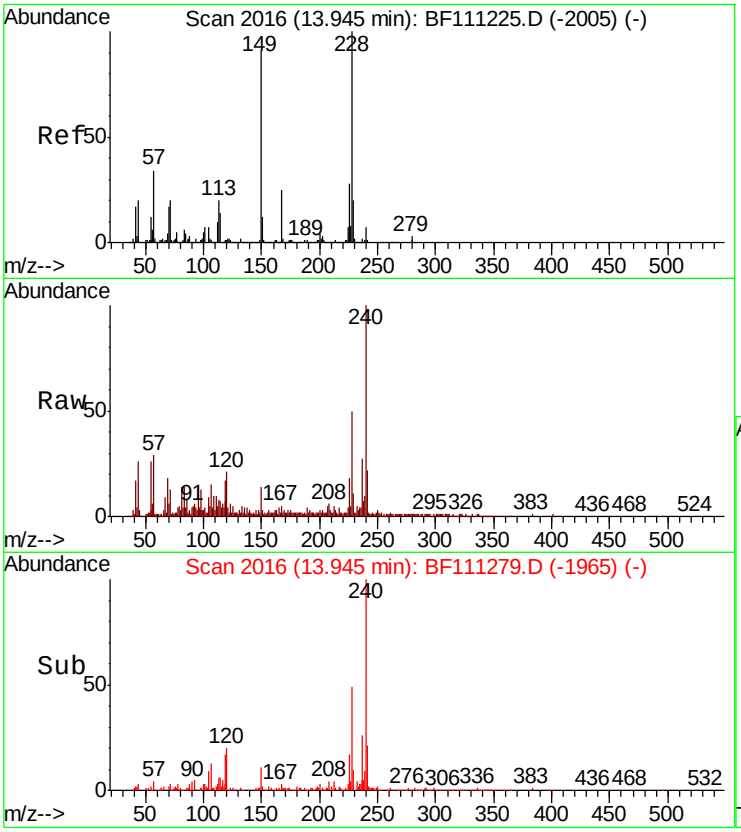


#79
Terphenyl-d14
Concen: 46.930 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion:244 Resp: 870651

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	13.8	13.1	19.7



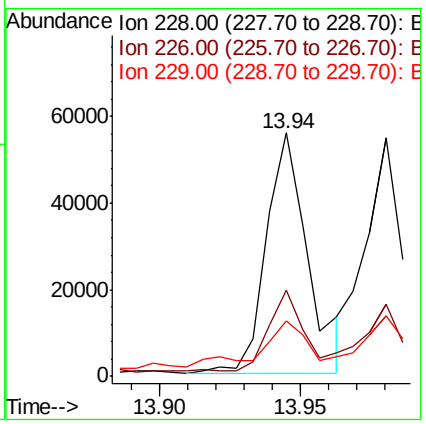


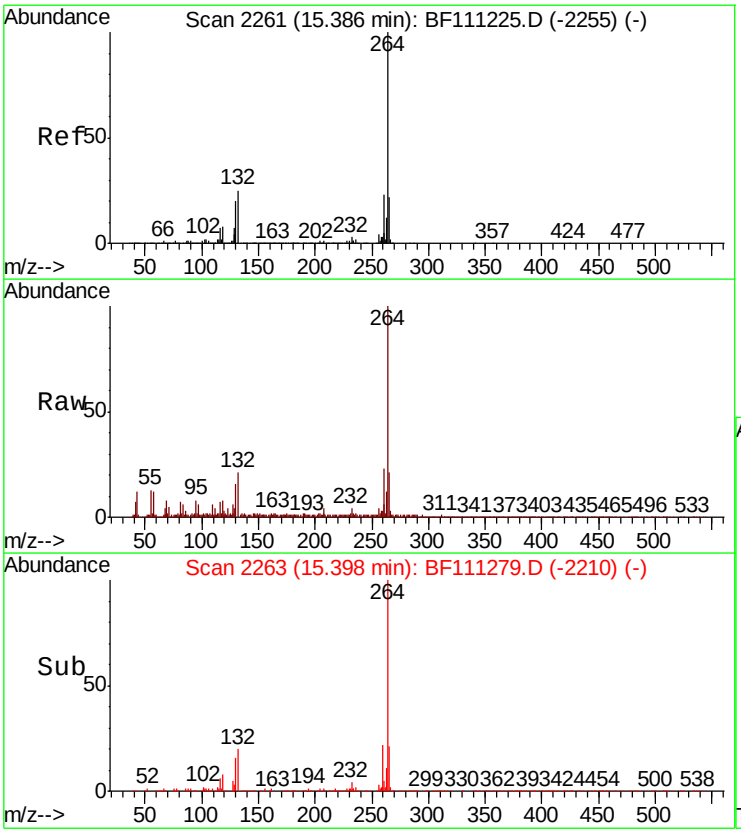
#81
Benzo(a)anthracene
Concen: 2.305 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 57236

Ion	Ratio	Lower	Upper
228	100		
226	35.4	22.6	34.0#
229	22.9	16.3	24.5

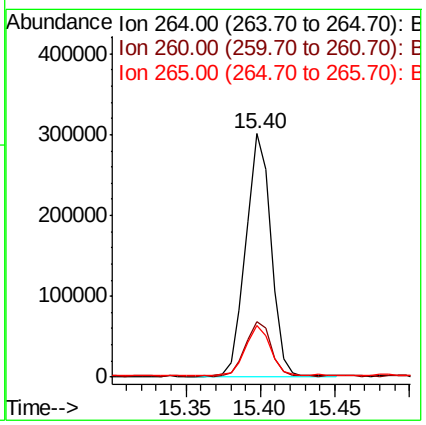


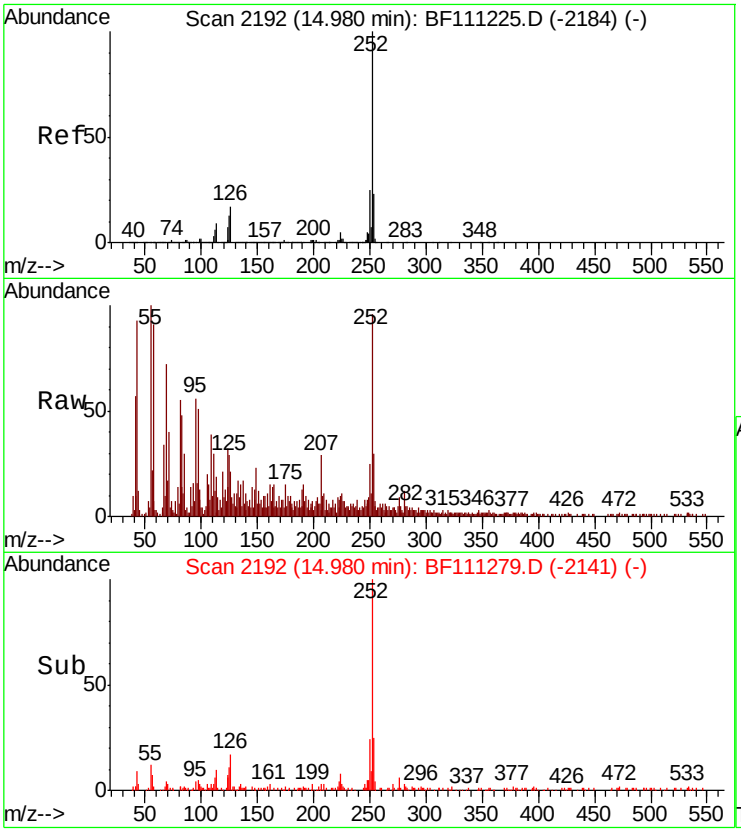


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion:264 Resp: 348311

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.4	17.7	26.5



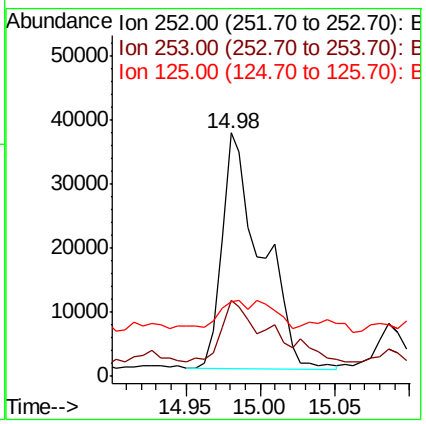


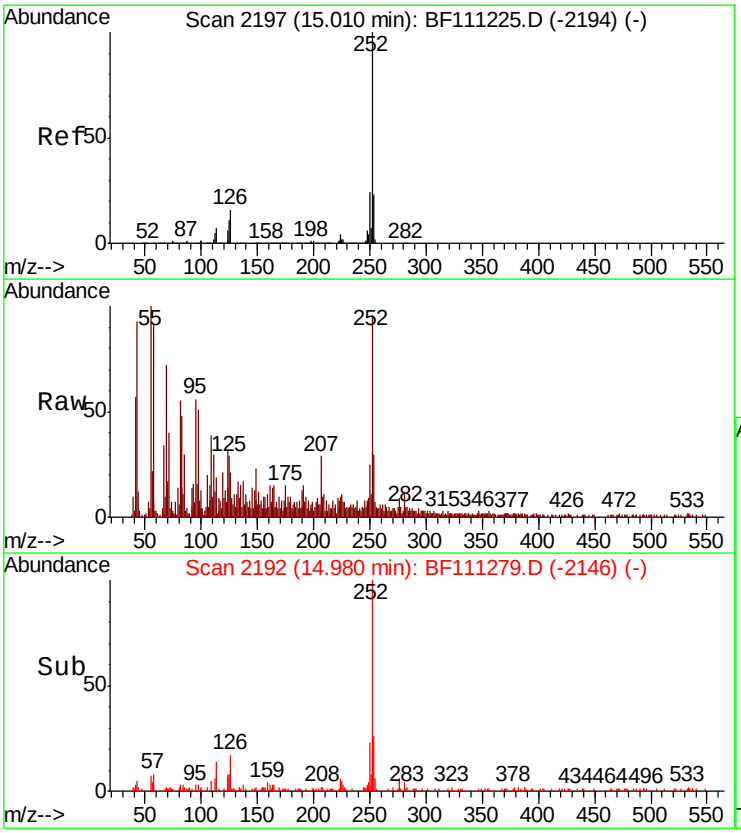
#88
Benzo(b)fluoranthene
Concen: 3.521 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 67816

Ion	Ratio	Lower	Upper
252	100		
253	31.0	18.2	27.2#
125	30.7	10.4	15.6#

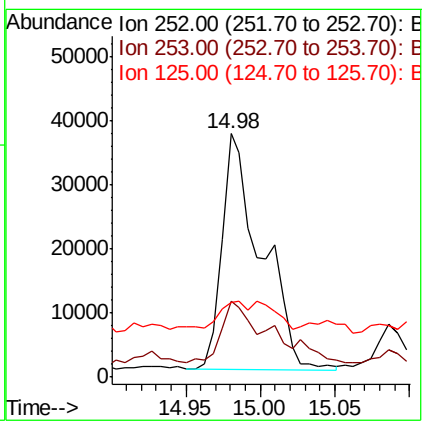


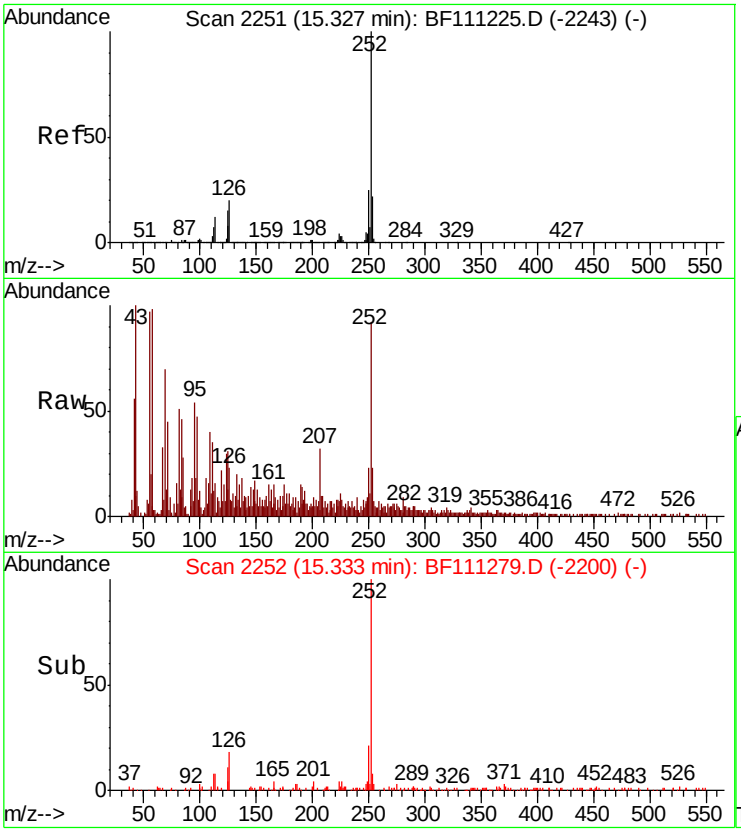


#89
Benzo(k)fluoranthene
Concen: 3.745 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion:252 Resp: 67816

Ion	Ratio	Lower	Upper
252	100		
253	31.0	18.1	27.1#
125	30.7	9.8	14.8#





#90
Benzo(a)pyrene
Concen: 2.126 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 37703

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	33.8	12.3	18.5#