Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010220\

Quantitation Report (Not Reviewed)

Data File : BF118448.D
Acq On : 2 Jan 2020 21:11
Operator : JU
Sample : K6465-07RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-4-(1-3)

Quant Time: Jan 03 02:13:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	96883	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	360661	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	204375	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	331654	20.00	ng		0.00
76) Chrysene-d12	14.04	240	214485	20.00	ng		0.00
87) Perylene-d12	15.53	264	205885	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	531241	93.60	ng		0.00
7) Phenol-d6	6.49	99	698007	99.14	ng		0.00
23) Nitrobenzene-d5	7.41	82	430467	68.27	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	199423	79.01	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	717789	53.61	ng		-0.01
79) Terphenyl-d14	12.97	244	674812	52.20	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	58687	13.530	ng	#	79
25) Isophorone	7.41	82	430463	39.170	ng	#	62
50) Dimethylphthalate	9.61	163	63218	4.121	ng		98
51) 2,6-Dinitrotoluene	9.89	165	25109	7.592	ng	#	27
57) 2,4-Dinitrotoluene	9.89	165	25109	5.681	ng	#	30
67) 4-Bromophenyl-phenylether	10.69	248	12048	3.104	ng	#	1
71) Phenanthrene	11.41	178	95666	5.291	ng		98
75) Fluoranthene	12.61	202	100632	5.515	ng		100
78) Pyrene	12.84	202	92772	5.297	ng		99
81) Benzo(a)anthracene	14.03	228	43946	2.927	ng		98
83) Chrysene	14.07	228	38639	2.688	ng		97
88) Benzo(b)fluoranthene	15.10	252	64096	4.690	ng	#	96
89) Benzo(k)fluoranthene	15.10	252	64096	4.884	ng	#	97
90) Benzo(a)pyrene	15.47	252	31184	2.590	ng		97
92) Benzo(g,h,i)perylene	17.50	276	20572	2.038	ng	#	91

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

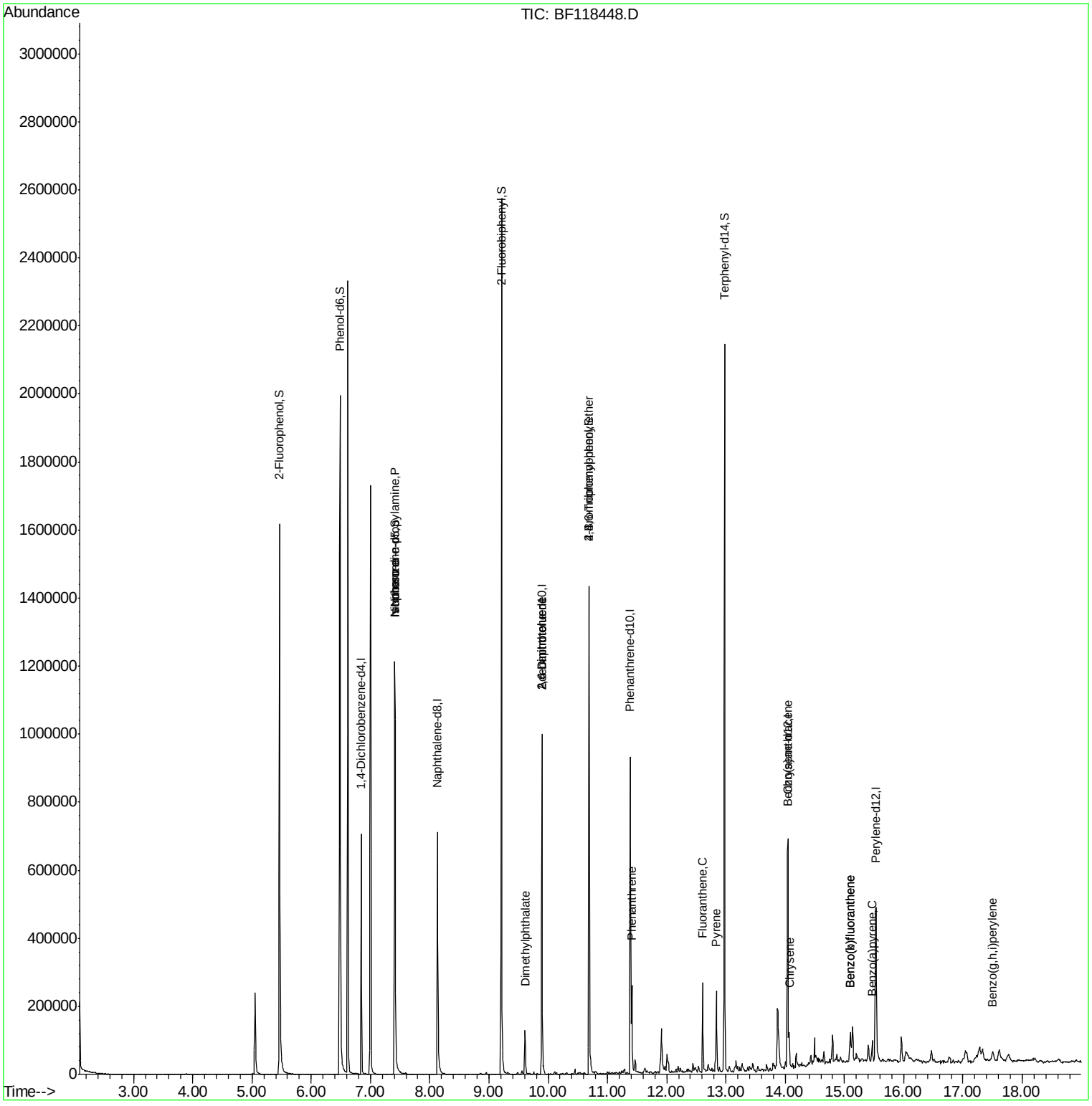
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010220\

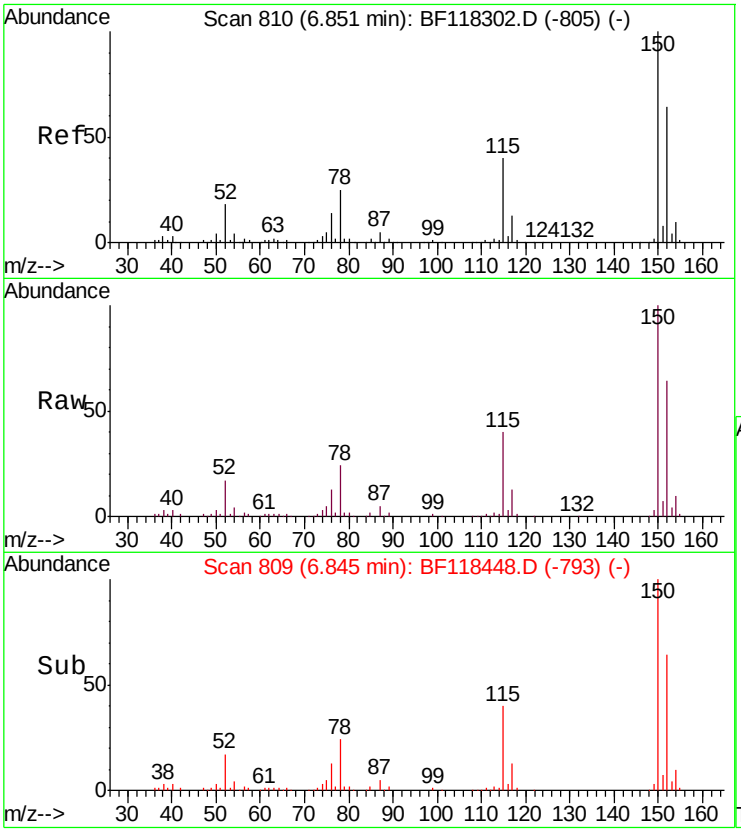
Quantitation Report (Not Reviewed)

Data File : BF118448.D
Acq On : 2 Jan 2020 21:11
Operator : JU
Sample : K6465-07RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Quant Time: Jan 03 02:13:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration



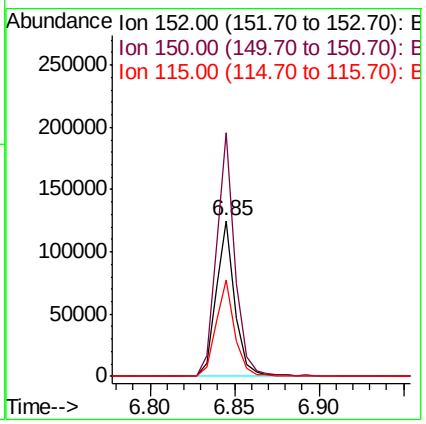


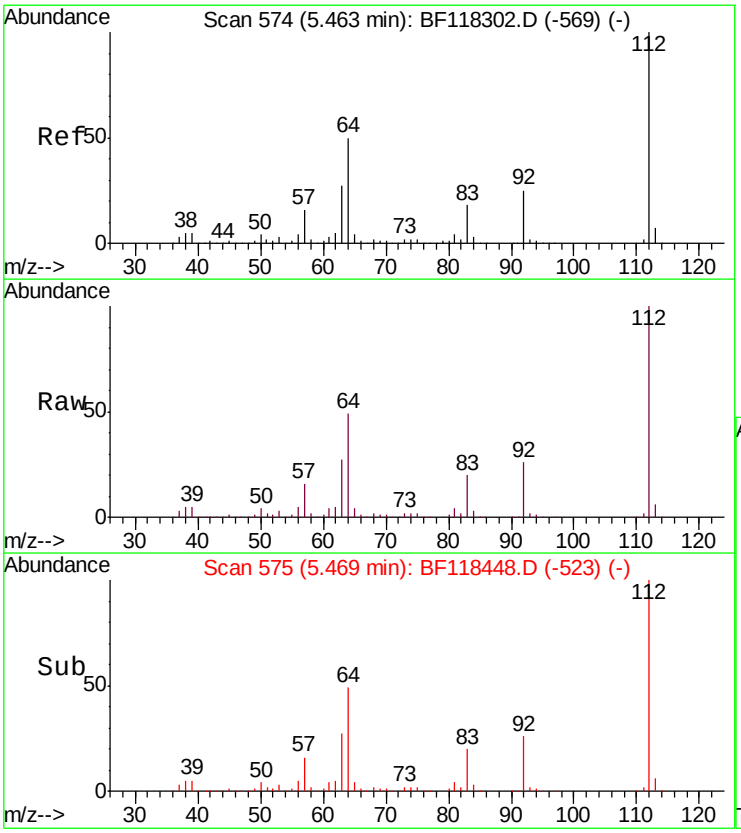
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tgt Ion:152 Resp: 96883

Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.4	188.2
115	62.2	50.2	75.4

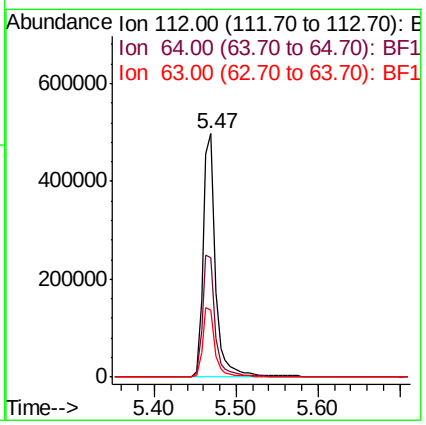


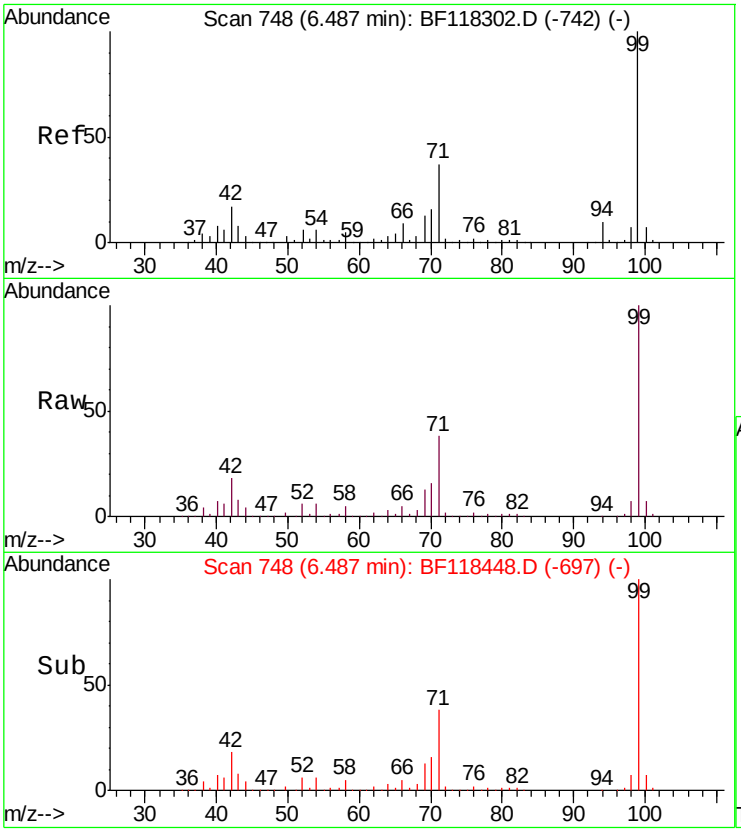


#5
2-Fluorophenol
Concen: 93.600 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Tgt Ion:112 Resp: 531241

Ion	Ratio	Lower	Upper
112	100		
64	49.2	39.7	59.5
63	27.4	21.7	32.5



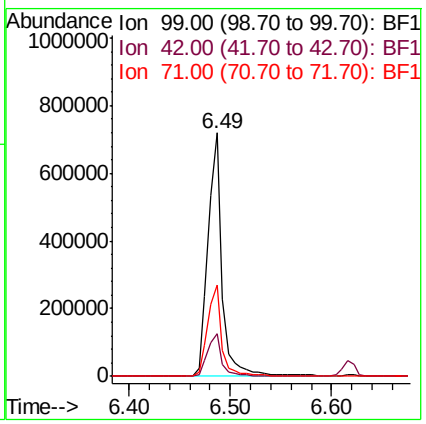


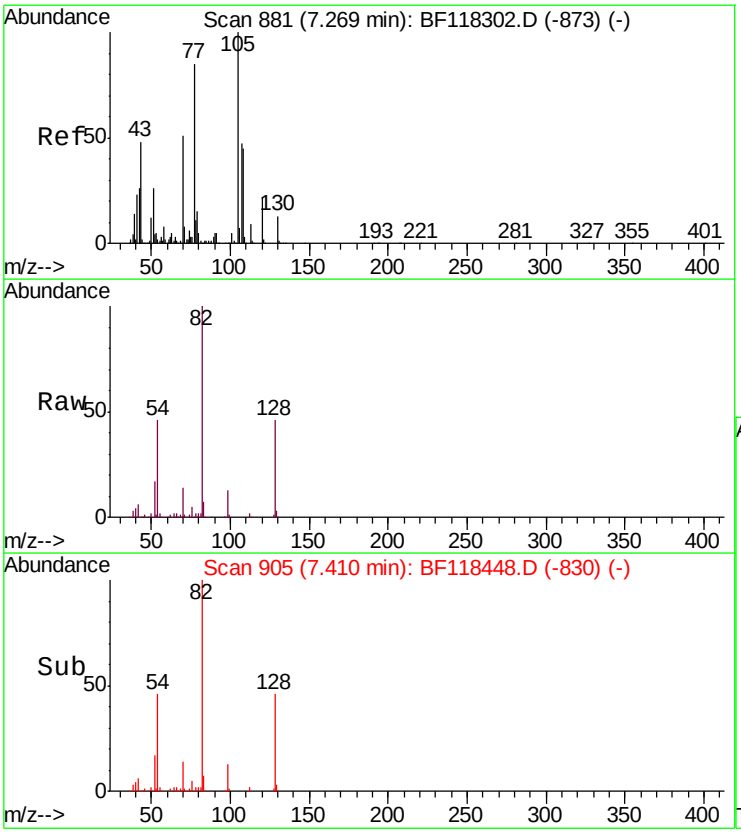
#7
Phenol-d6
Concen: 99.137 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tgt Ion: 99 Resp: 698007

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	37.7	29.4	44.2

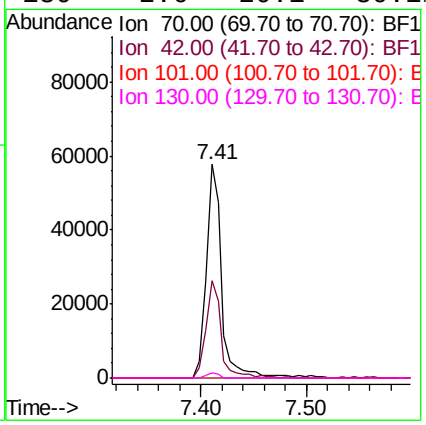


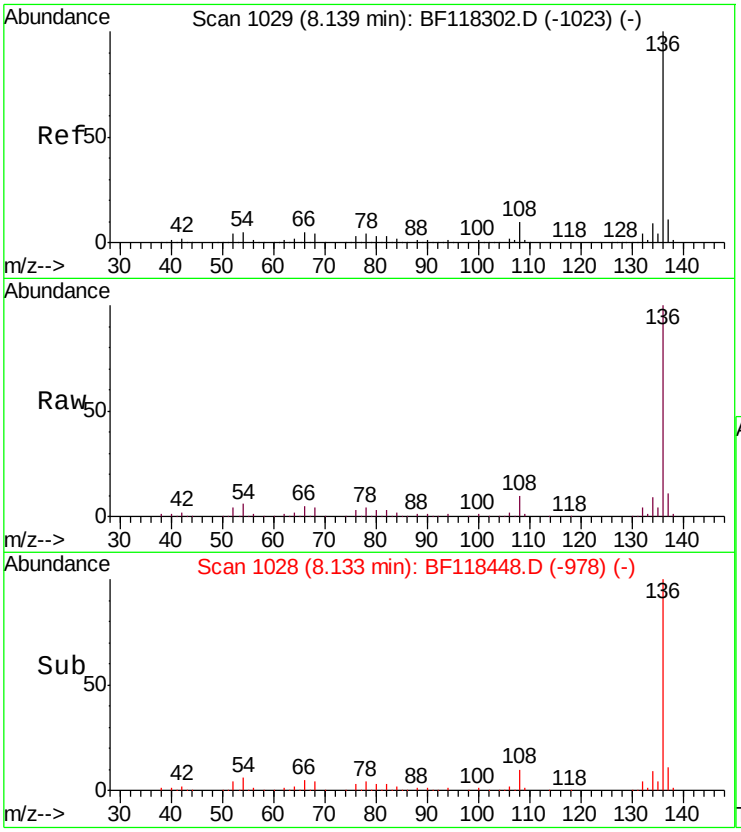


#19
n-Nitroso-di-n-propylamine
Concen: 13.530 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Tgt Ion: 70 Resp: 58687

Ion	Ratio	Lower	Upper
70	100		
42	45.8	41.1	61.7
101	0.0	8.3	12.5#
130	2.6	20.1	30.1#



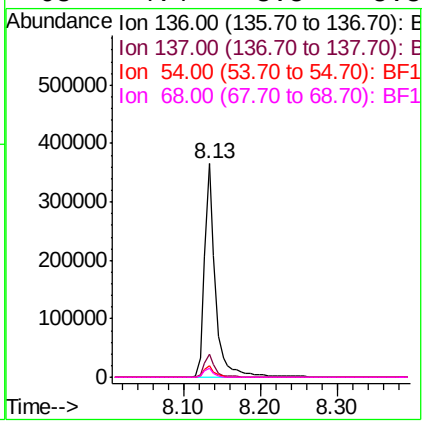


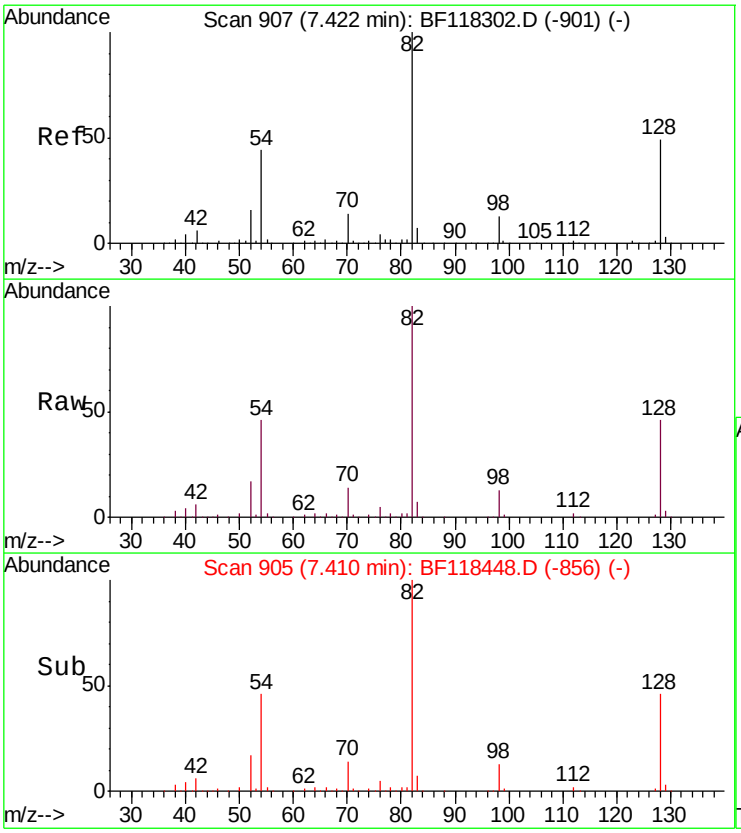
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tgt Ion:136 Resp: 360661

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.5	4.2	6.4
68	4.4	3.5	5.3

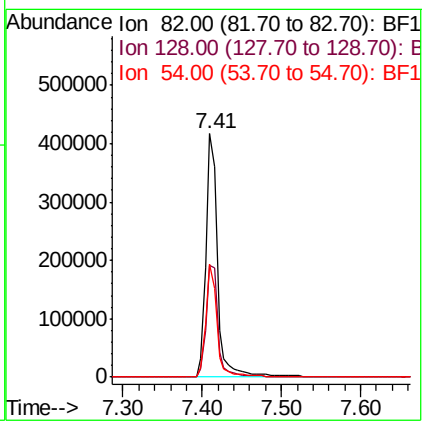


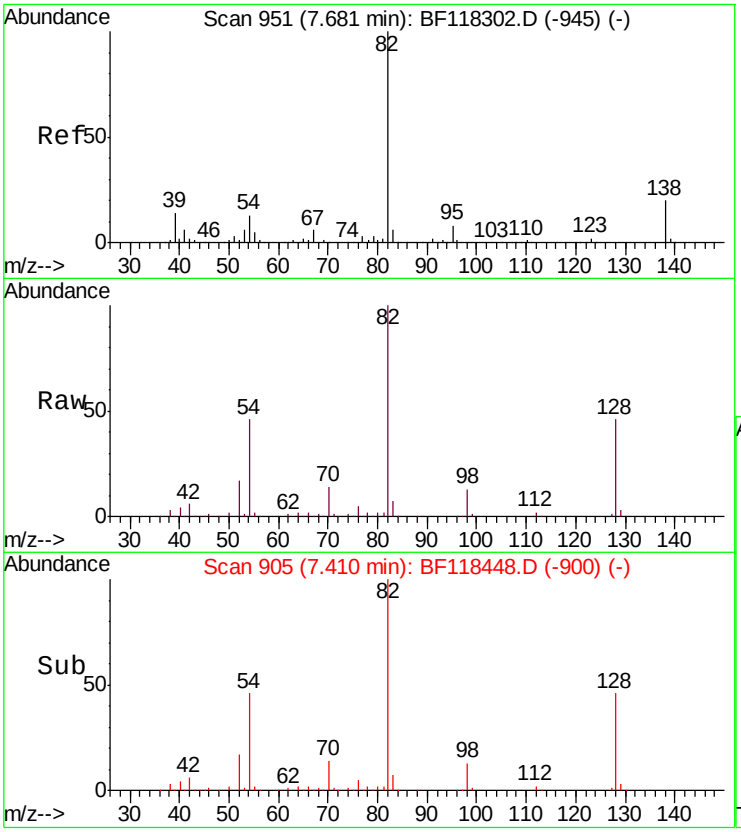


#23
Nitrobenzene-d5
Concen: 68.265 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Tgt Ion: 82 Resp: 430467

Ion	Ratio	Lower	Upper
82	100		
128	46.0	39.6	59.4
54	46.2	34.9	52.3



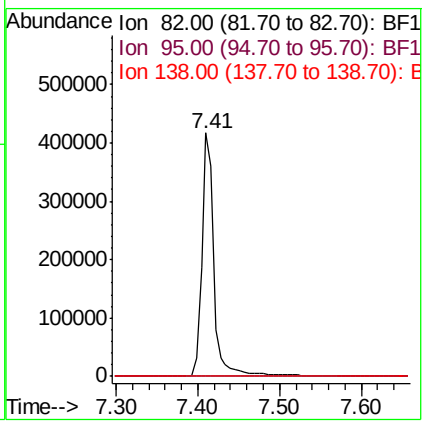


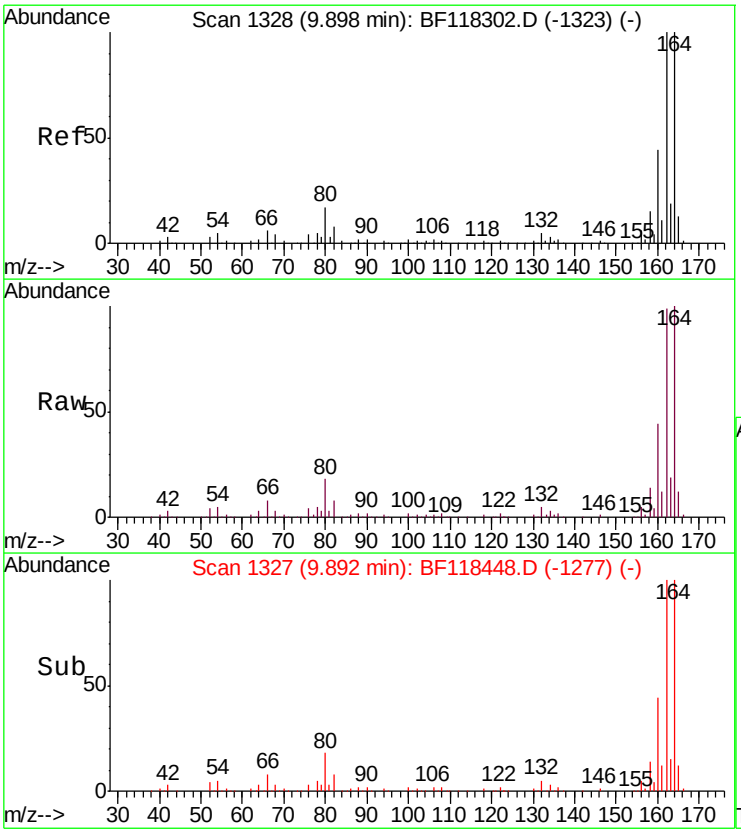
#25
Isophorone
Concen: 39.170 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tgt Ion: 82 Resp: 430463

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.2	24.2#

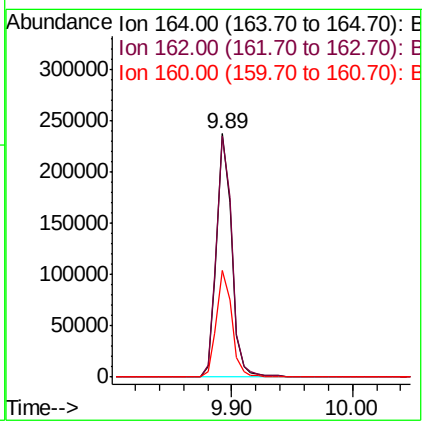


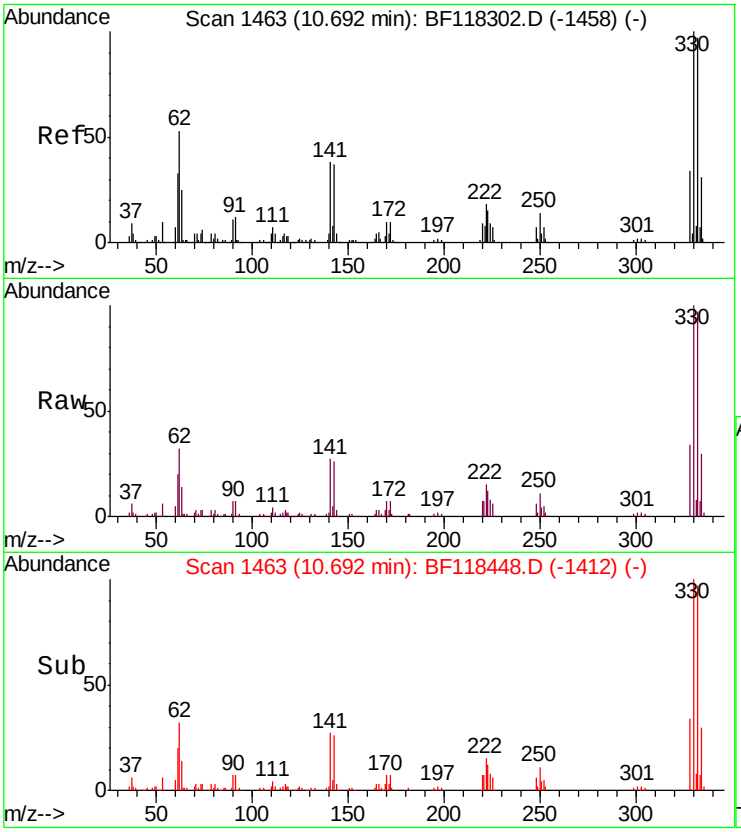


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Tgt Ion:164 Resp: 204375

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.0	120.0
160	43.9	34.8	52.2



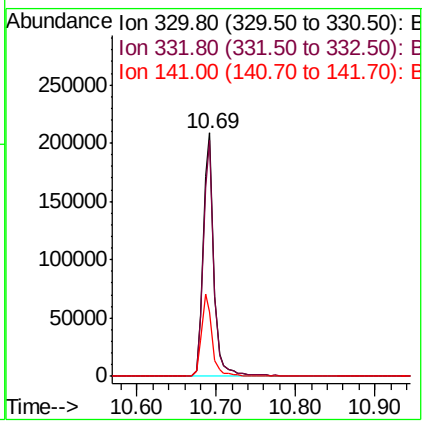


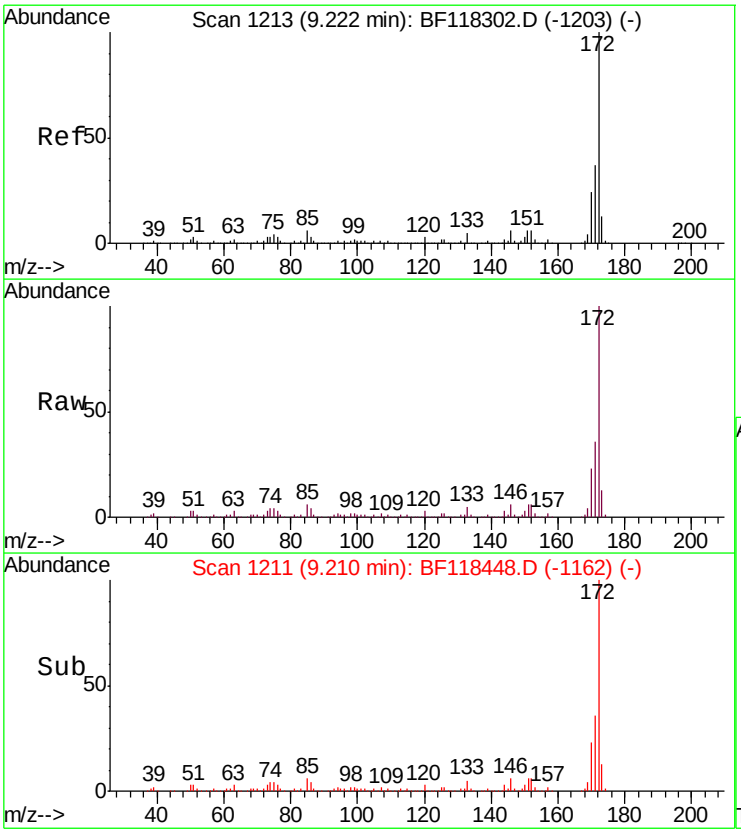
#42
2,4,6-Tribromophenol
Concen: 79.014 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tgt Ion:330 Resp: 199423

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	34.0	26.0	39.0

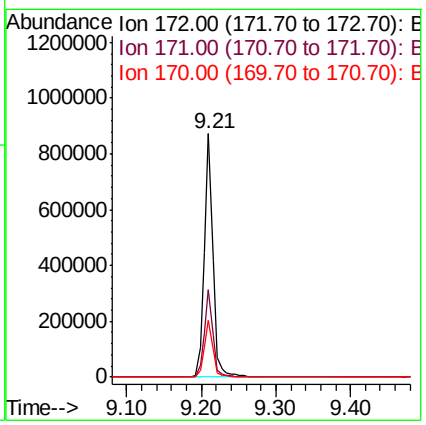


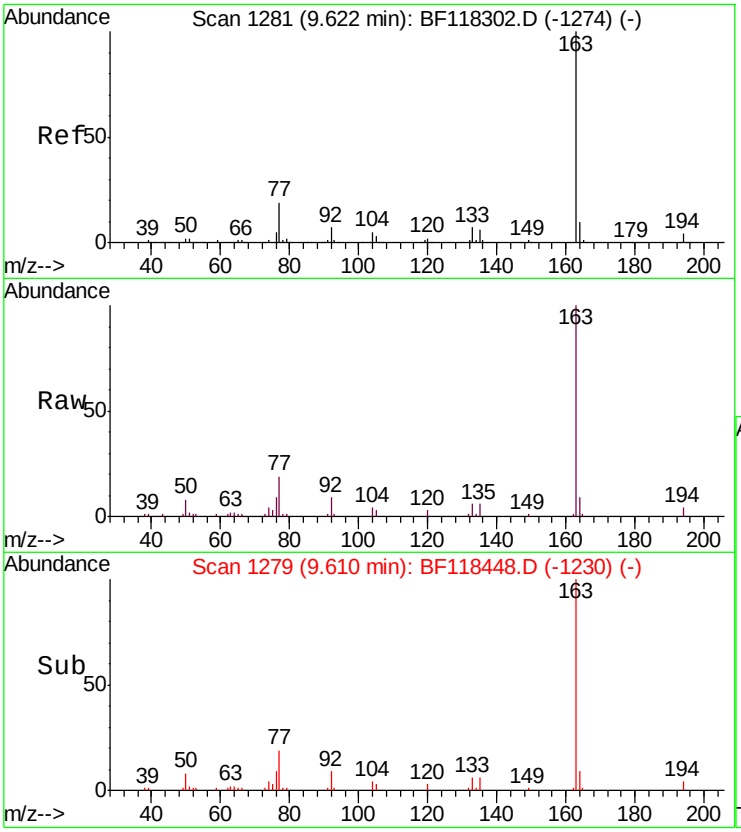


#45
2-Fluorobiphenyl
Concen: 53.611 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Tgt Ion:172 Resp: 717789

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	23.3	19.2	28.8



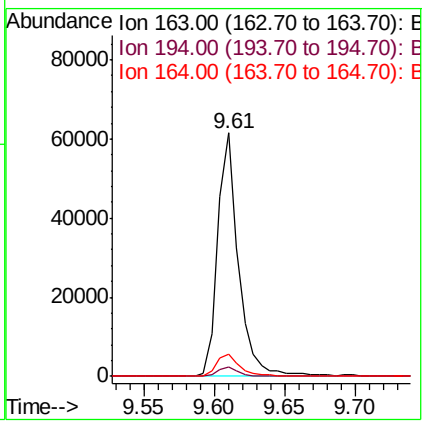


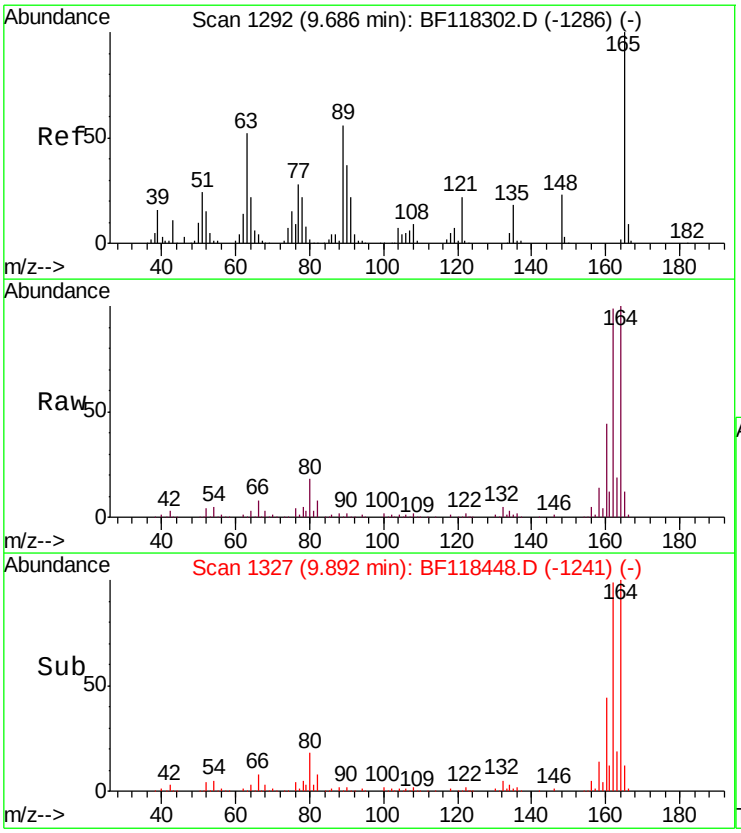
#50
Dimethylphthalate
Concen: 4.121 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tgt Ion:163 Resp: 63218

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.2	7.9	11.9

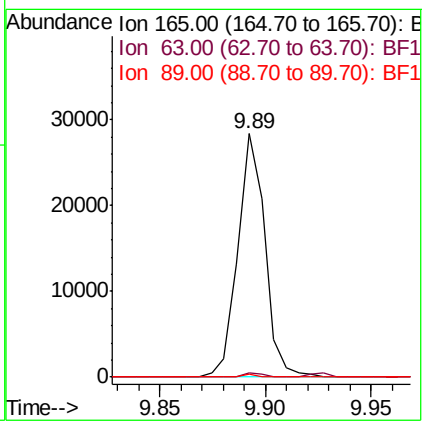


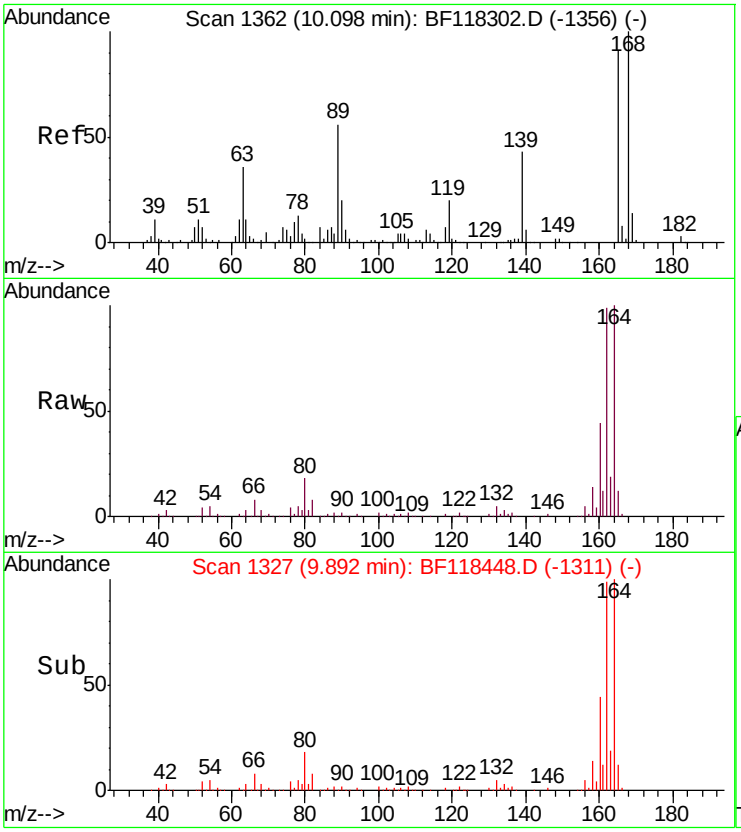


#51
2,6-Dinitrotoluene
Concen: 7.592 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Tgt Ion:165 Resp: 25109

Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.2	63.4#
89	1.3	44.4	66.6#



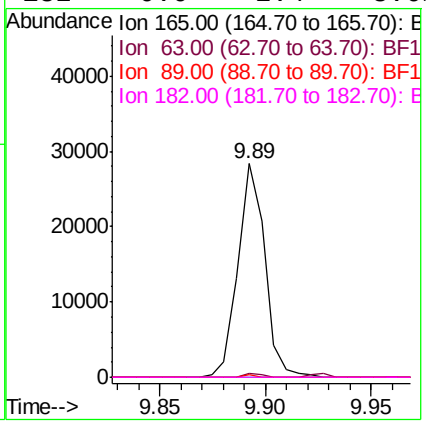


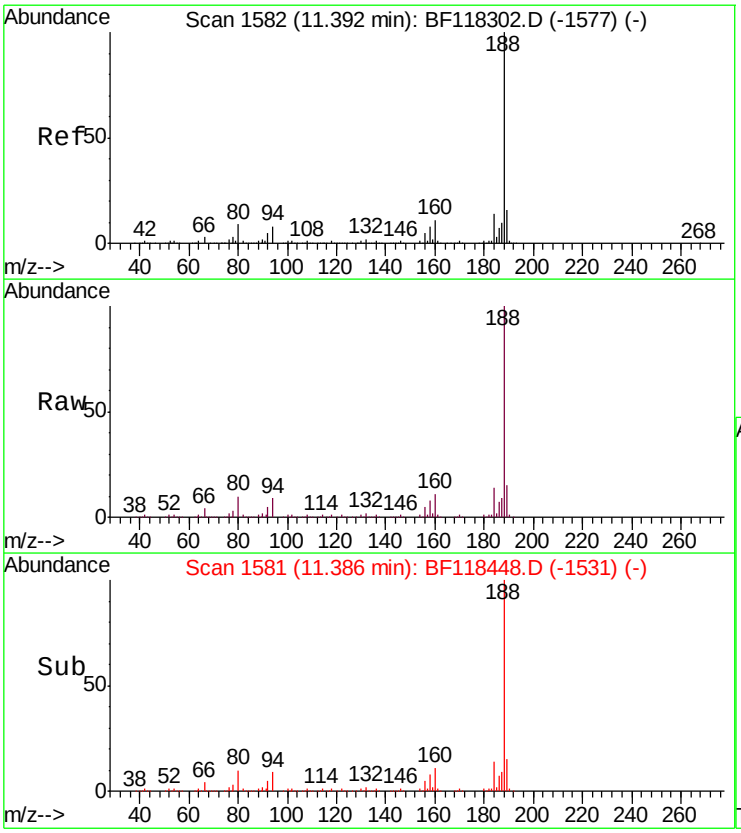
#57
2,4-Dinitrotoluene
Concen: 5.681 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.21 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tgt Ion:165 Resp: 25109

Ion	Ratio	Lower	Upper
165	100		
63	1.8	32.0	48.0#
89	1.3	49.3	73.9#
182	0.0	2.4	3.6#

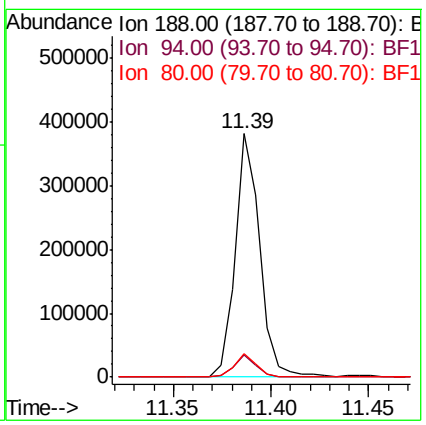


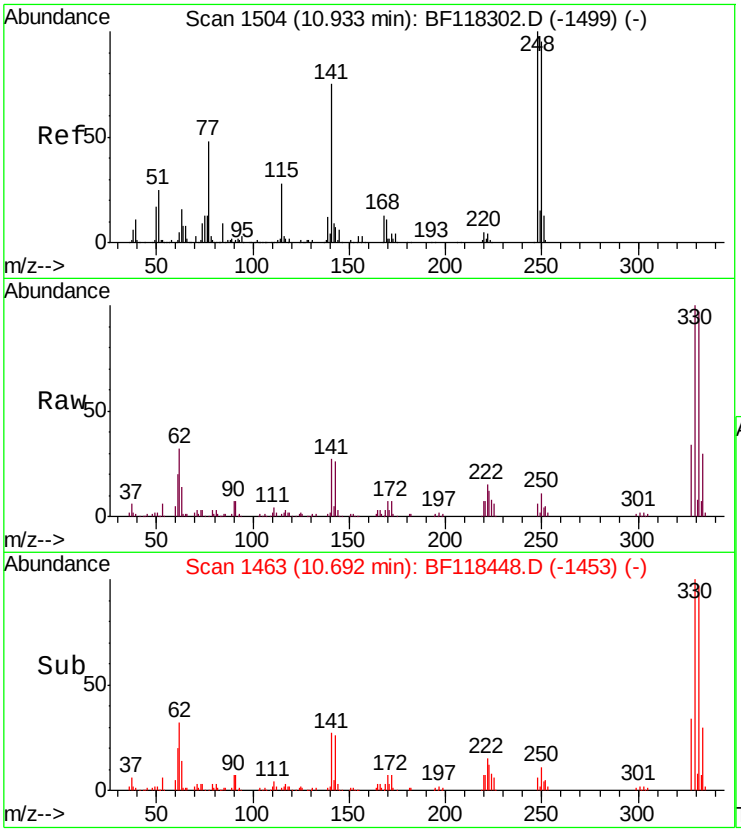


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Tgt Ion:188 Resp: 331654

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.7	10.1
80	9.6	7.2	10.8



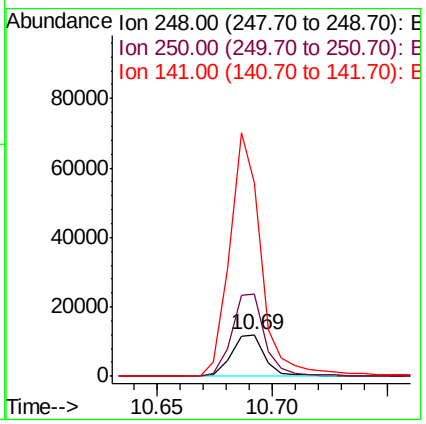


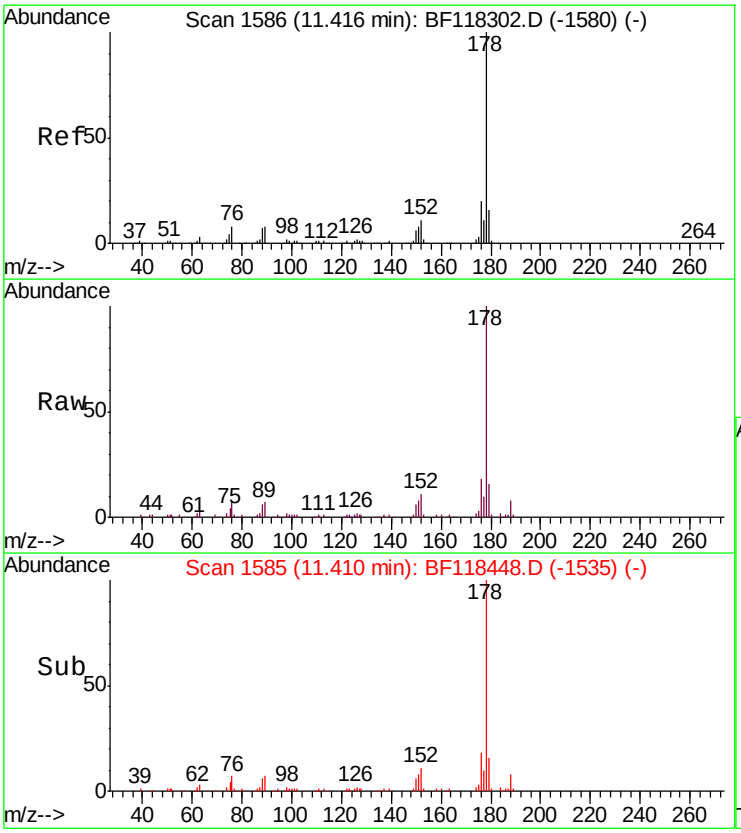
#67
4-Bromophenyl-phenylether
Concen: 3.104 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tgt Ion:248 Resp: 12048

Ion	Ratio	Lower	Upper
248	100		
250	195.8	76.4	114.6#
141	461.5	60.2	90.2#

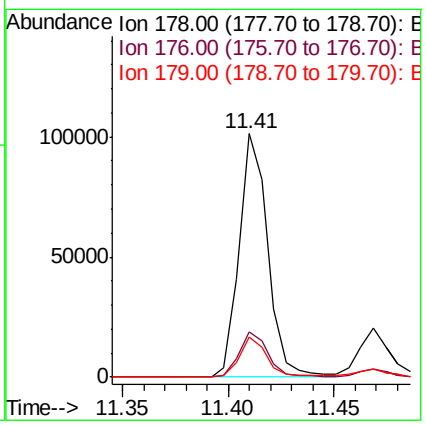


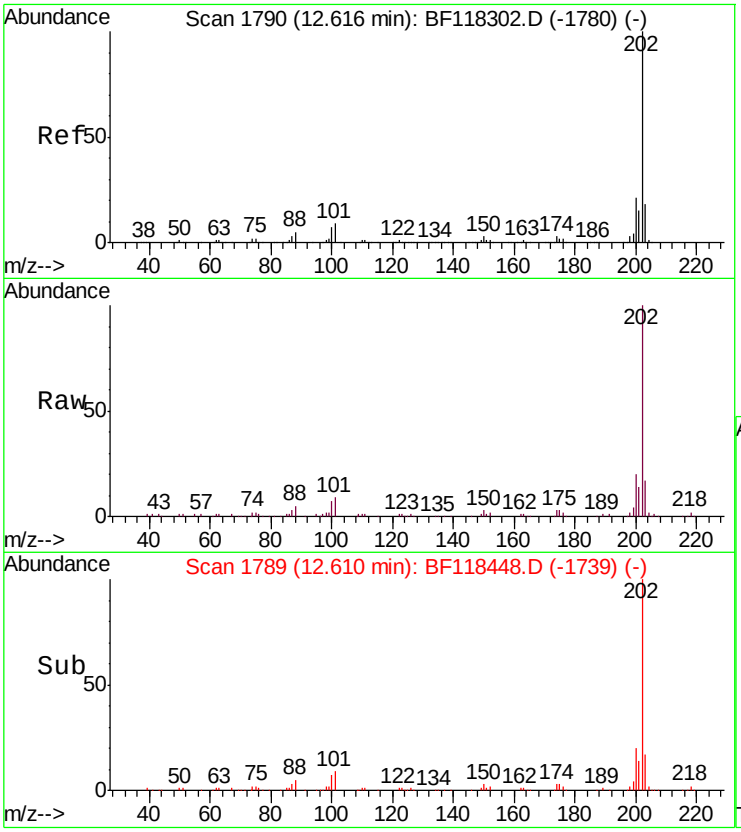


#71
Phenanthrene
Concen: 5.291 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Tgt Ion:178 Resp: 95666

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	16.3	12.6	19.0



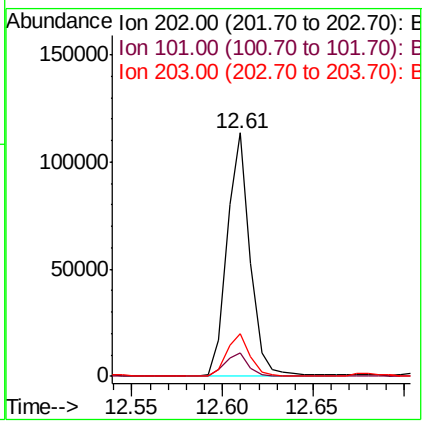


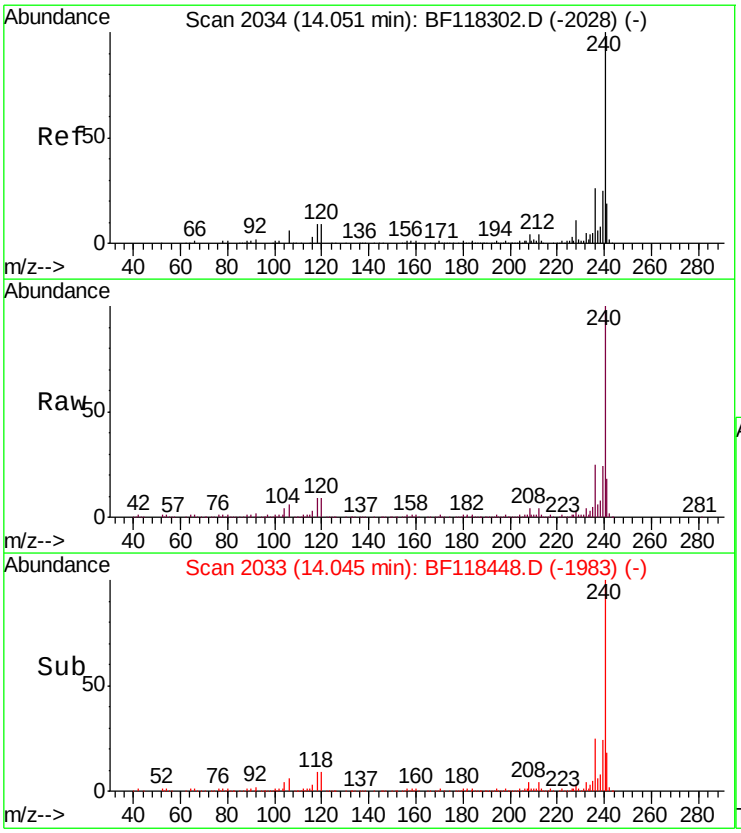
#75
Fluoranthene
Concen: 5.515 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tgt Ion:202 Resp: 100632

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.5
203	17.4	0.0	37.6

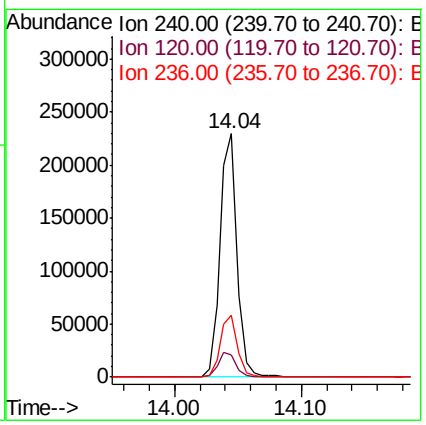


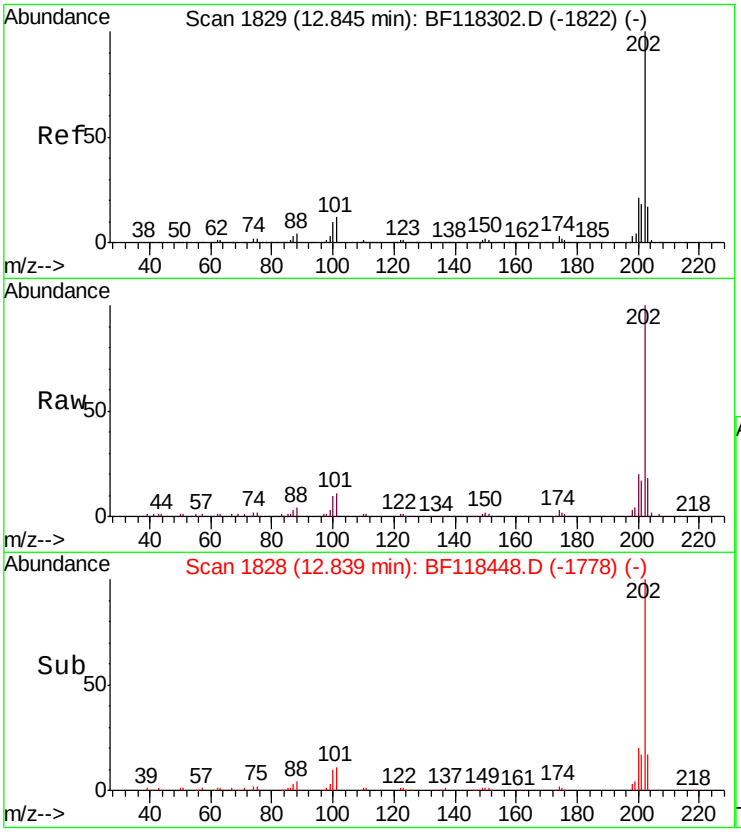


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Tgt Ion:240 Resp: 214485

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.1	10.7
236	25.3	21.0	31.6



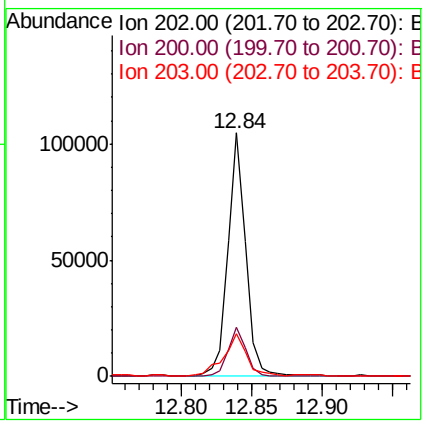


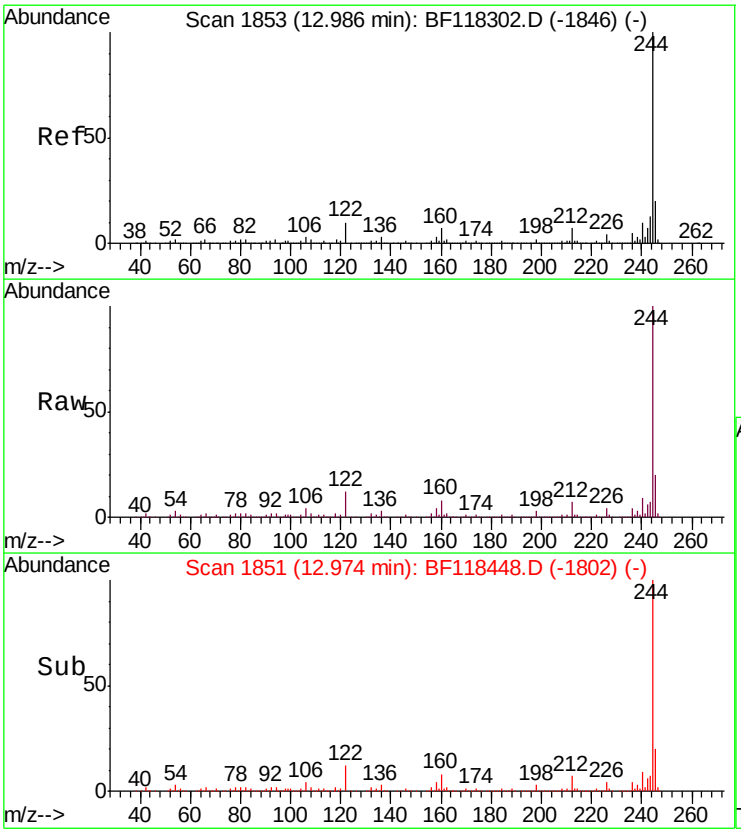
#78
Pyrene
Concen: 5.297 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tgt Ion:202 Resp: 92772

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.8	25.2
203	17.5	13.9	20.9

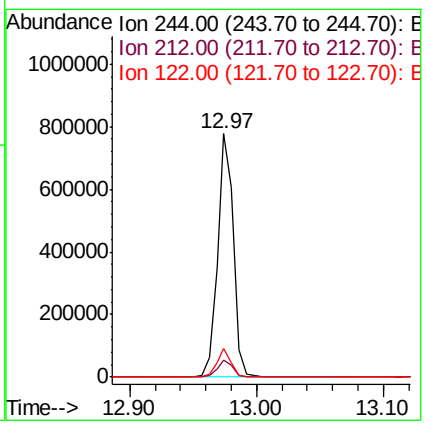


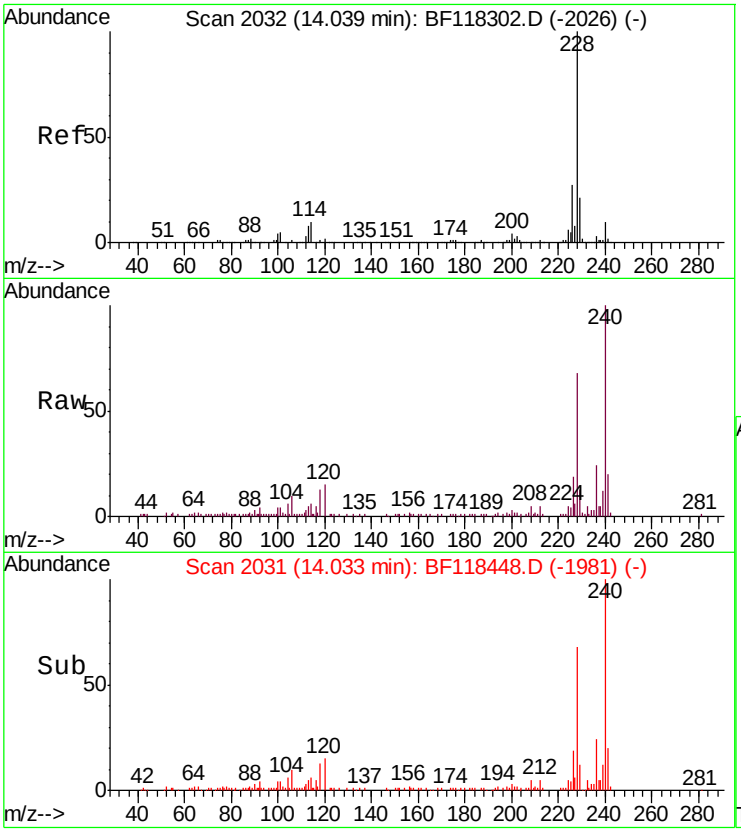


#79
Terphenyl-d14
Concen: 52.196 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Tgt Ion:244 Resp: 674812

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.5	7.8	11.8



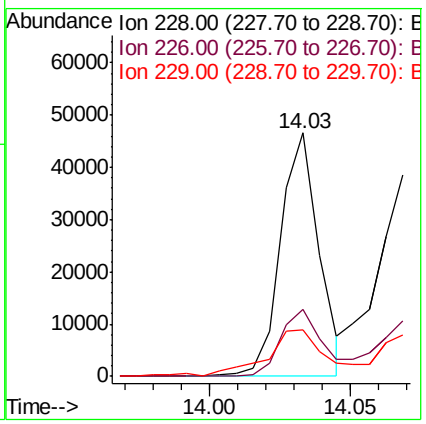


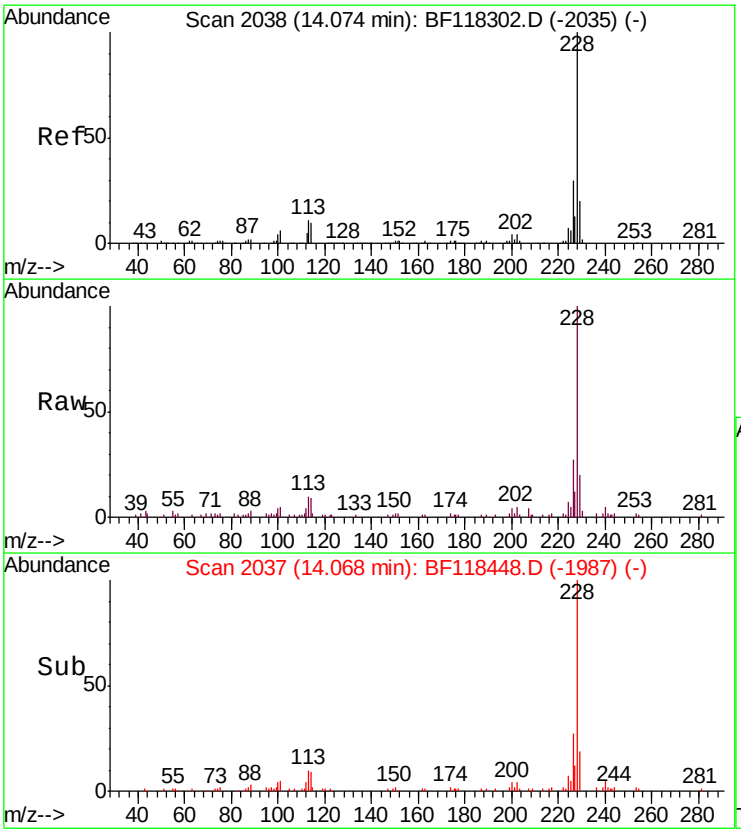
#81
Benzo(a)anthracene
Concen: 2.927 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tgt Ion:228 Resp: 43946

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.0	33.0
229	19.0	16.6	24.8

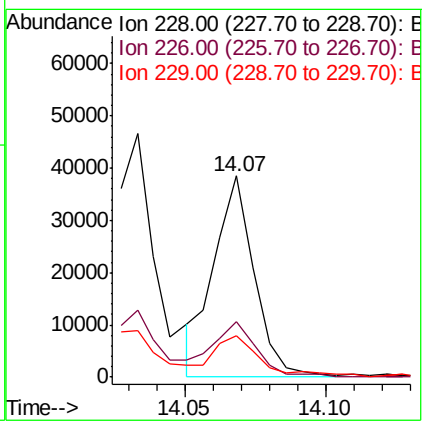


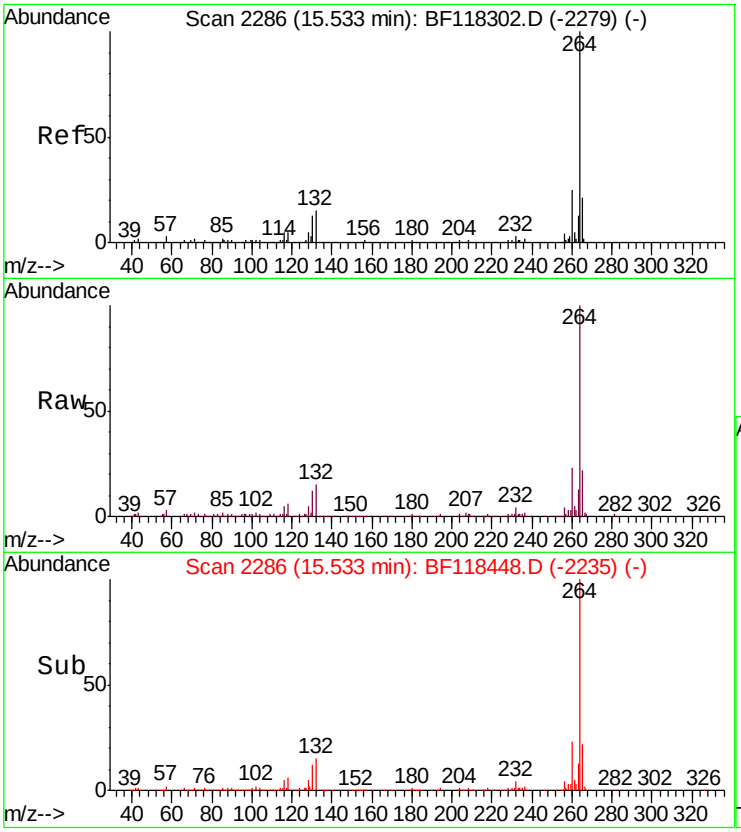


#83
Chrysene
Concen: 2.688 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Tgt Ion:228 Resp: 38639

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.9	35.9
229	20.3	16.1	24.1



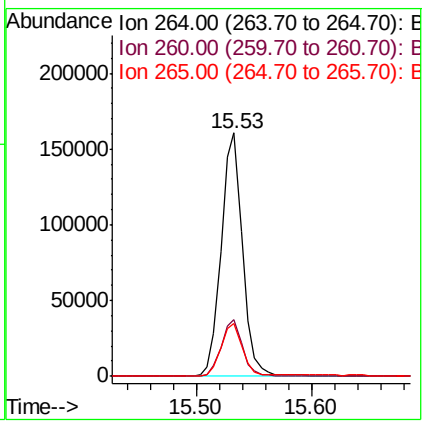


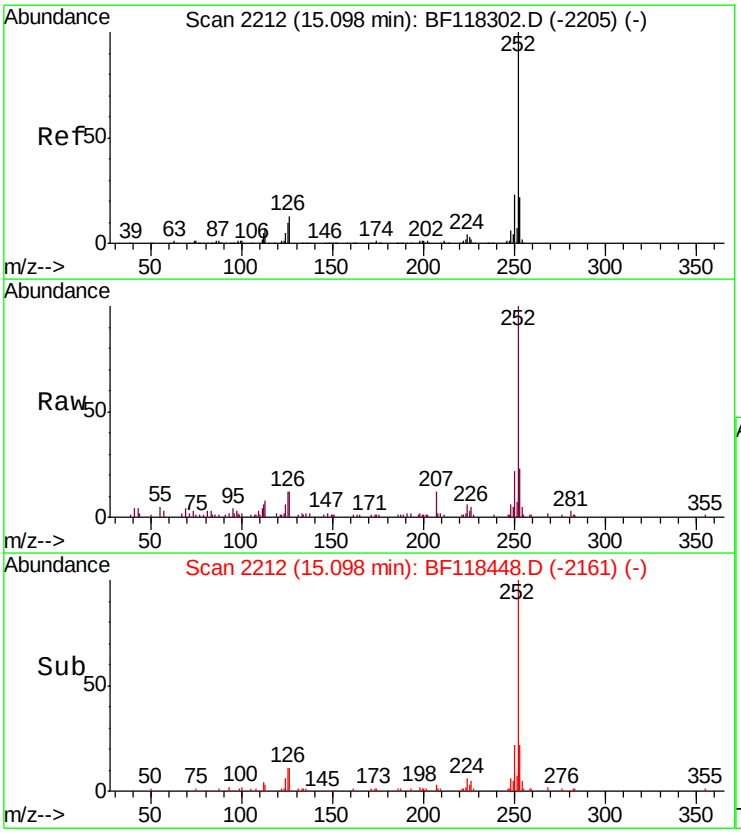
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tgt Ion:264 Resp: 205885

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.8	29.6
265	21.7	17.0	25.4

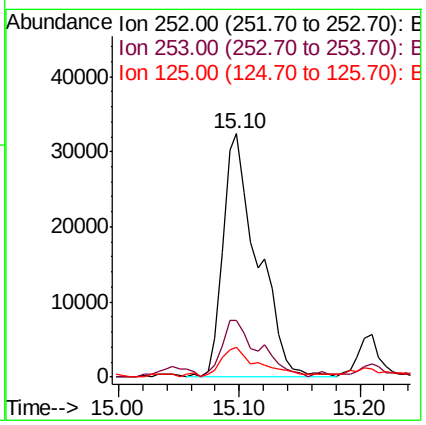


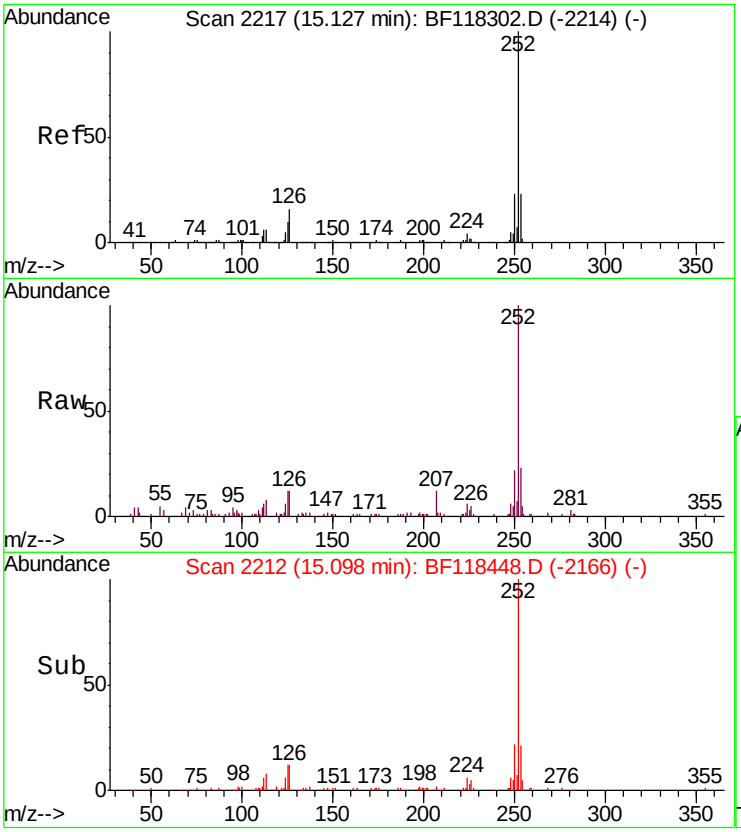


#88
Benzo(b)fluoranthene
Concen: 4.690 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Tgt Ion:252 Resp: 64096

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	12.2	7.7	11.5#



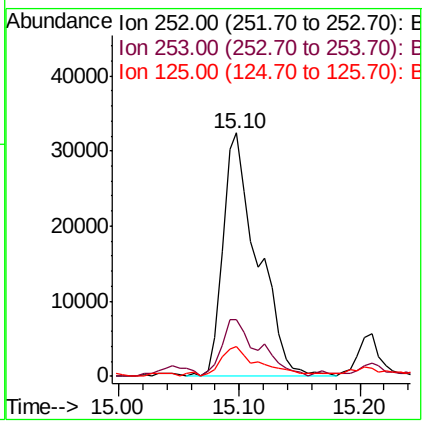


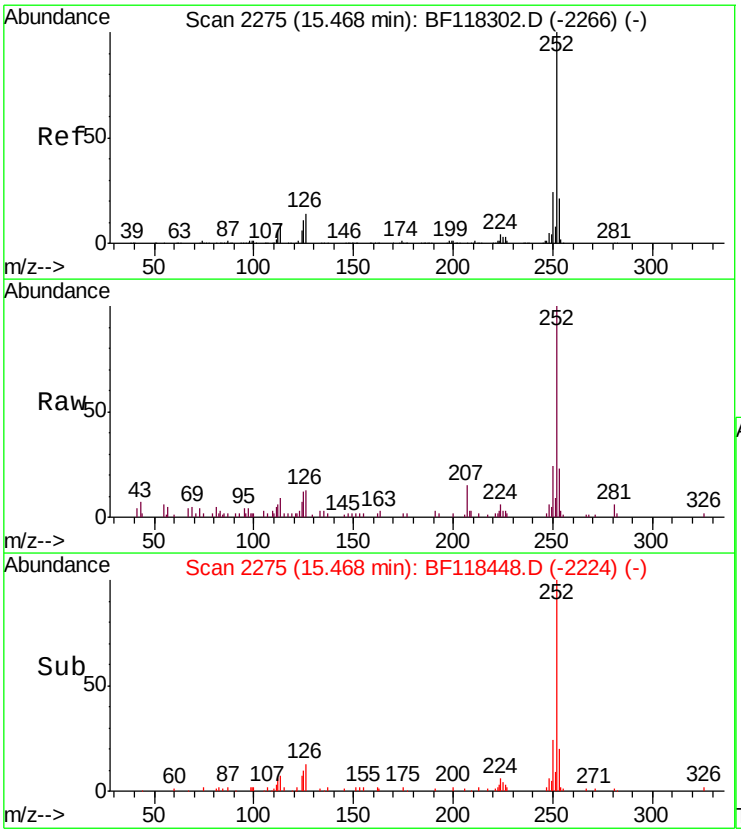
#89
Benzo(k)fluoranthene
Concen: 4.884 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tgt Ion:252 Resp: 64096

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	12.2	8.0	12.0#

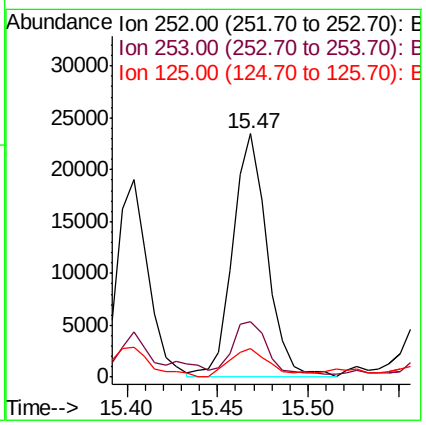


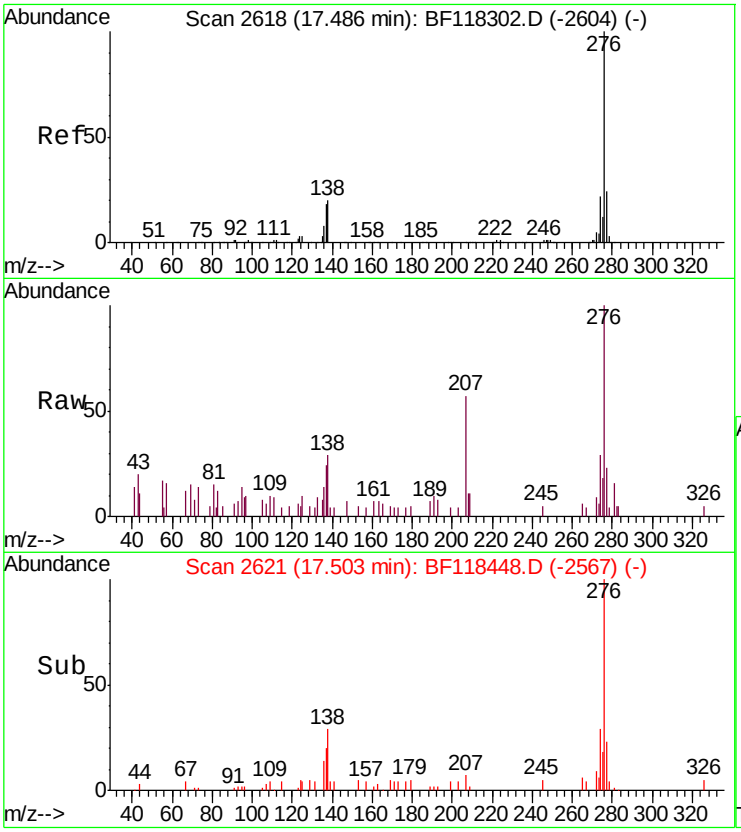


#90
Benzo(a)pyrene
Concen: 2.590 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Tgt Ion:252 Resp: 31184

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	11.7	9.0	13.4





#92
Benzo(g,h,i)perylene
Concen: 2.038 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tgt Ion:276 Resp: 20572

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	28.7	16.1	24.1#