Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041620\
Data File : BF120032.D
Acq On : 16 Apr 2020 13:27
Operator : MA/SJ
Sample : L2229-13 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-32

Quant Time: Apr 16 14:00:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 16 10:48:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137879	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	489783	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	225779	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	366963	20.00	ng		0.00
76) Chrysene-d12	13.89	240	232825	20.00	ng		0.00
87) Perylene-d12	15.32	264	232393	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	151512	18.99	ng		0.00
7) Phenol-d6	6.35	99	193034	18.78	ng		-0.01
23) Nitrobenzene-d5	7.28	82	117625	12.42	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	33789	12.22	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	238981	15.03	ng		0.00
79) Terphenyl-d14	12.84	244	179845	13.00	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.25	77	127	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.28	70	15964	2.415	ng	#	72
25) Isophorone	7.28	82	115787	6.344	ng	#	65
31) Naphthalene	8.03	128	129884	5.040	ng		97
37) 2-Methylnaphthalene	8.72	142	40592	2.323	ng		98
51) 2,6-Dinitrotoluene	9.76	165	31239	8.169	ng	#	19
55) Dibenzofuran	9.97	168	81336	3.980	ng		96
56) 4-Nitrophenol	9.97	139	29816	9.175	ng	#	6
57) 2,4-Dinitrotoluene	9.76	165	31239	6.200	ng	#	22
58) Fluorene	10.31	166	37385	2.287	ng		96
71) Phenanthrene	11.27	178	741787	37.982	ng		99
72) Anthracene	11.33	178	94065	4.715	ng		95
75) Fluoranthene	12.47	202	791462	37.559	ng		98
78) Pyrene	12.69	202	624174	31.801	ng		99
81) Benzo(a)anthracene	13.88	228	288142	18.812	ng		98
83) Chrysene	13.92	228	325297	20.902	ng		98
86) Indeno(1,2,3-cd)pyrene	16.70	276	94915	6.919	ng		99
88) Benzo(b)fluoranthene	14.91	252	457206	27.348	ng		99
89) Benzo(k)fluoranthene	14.91	252	457206	31.697	ng		99
90) Benzo(a)pyrene	15.26	252	163234	11.613	ng		97
91) Dibenzo(a,h)anthracene	16.72	278	28051	2.253	ng	#	88
92) Benzo(g,h,i)perylene	17.12	276	94180	7.663	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041620\
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Acq On : 16 Apr 2020 13:27
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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Quant Time: Apr 16 14:00:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 16 10:48:04 2020
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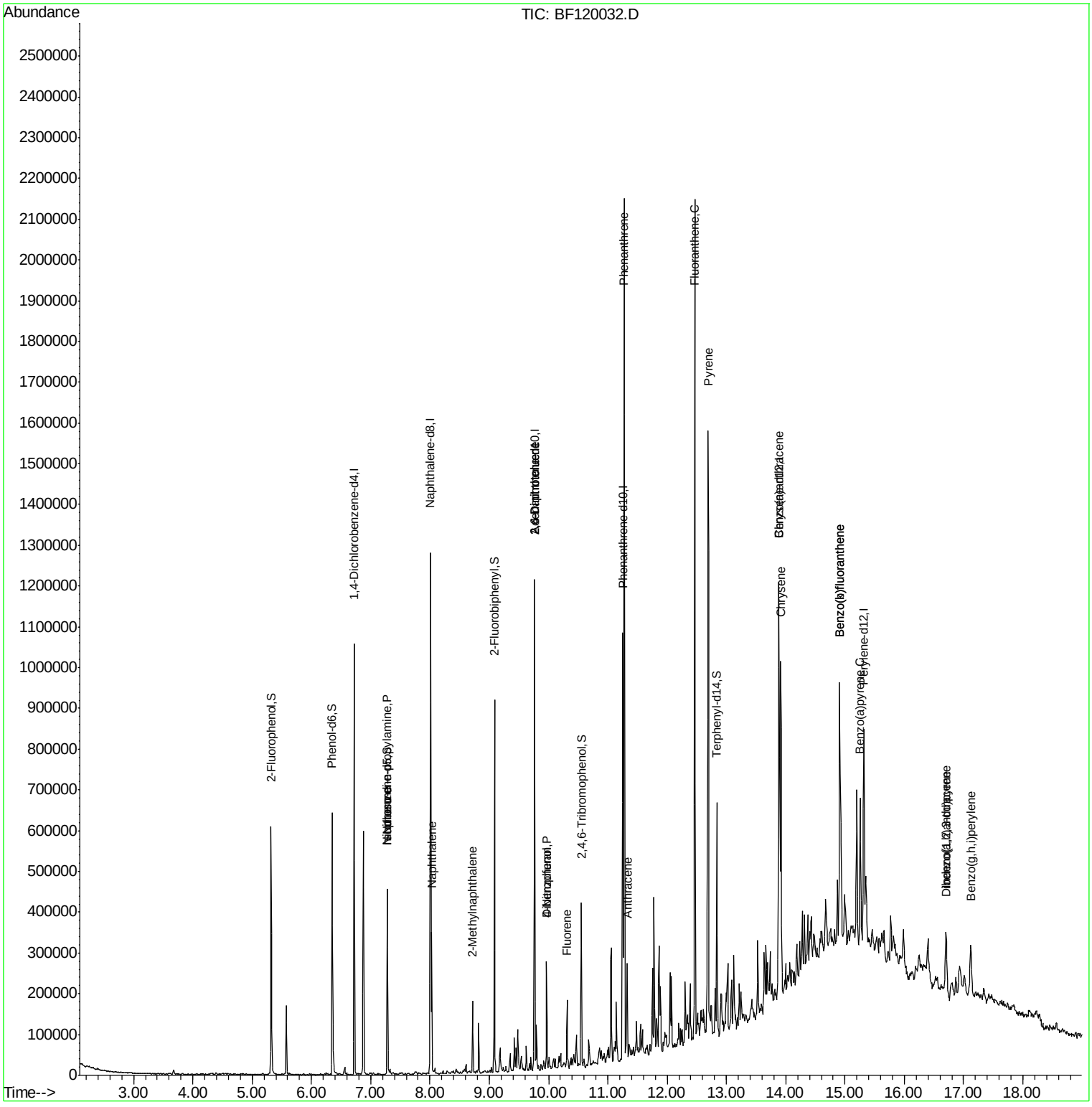
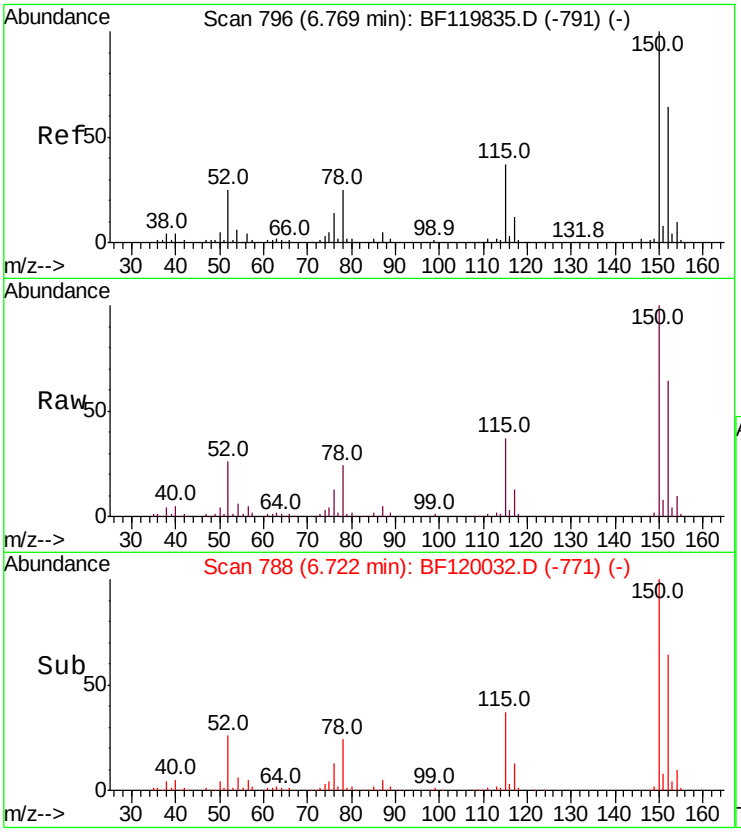


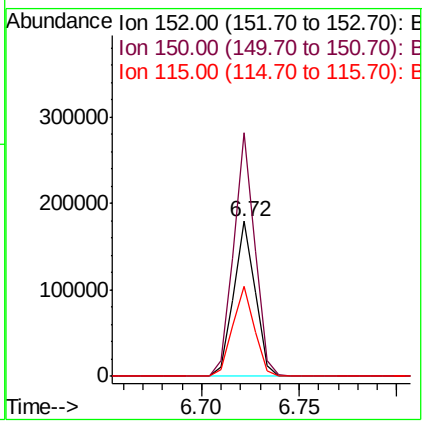


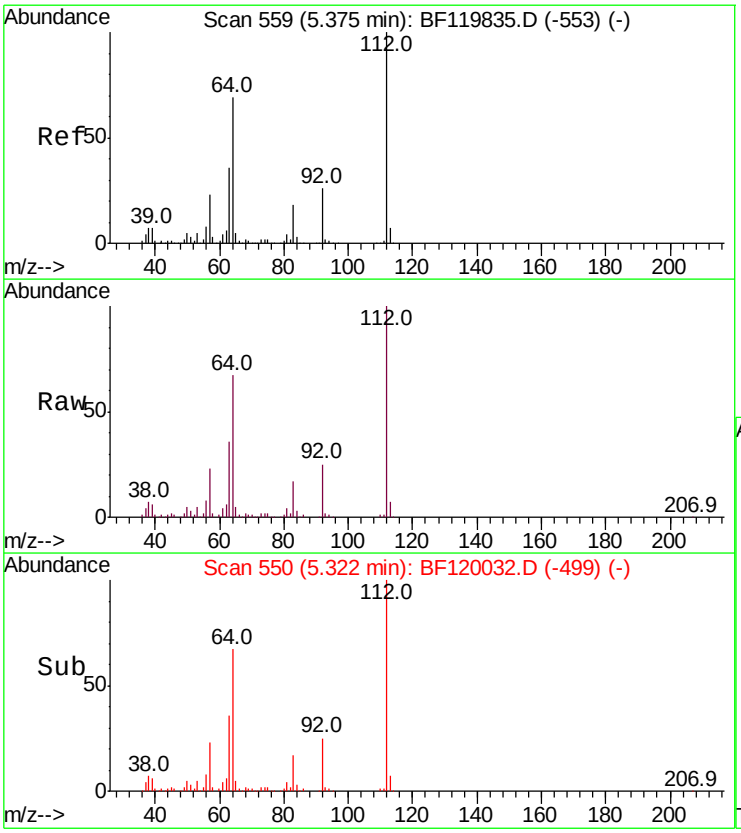
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:152 Resp: 137879

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.8	187.2
115	58.4	46.5	69.7

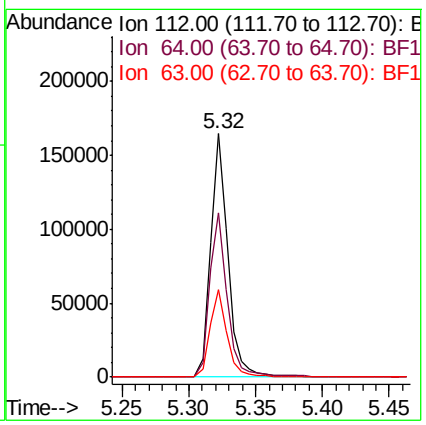


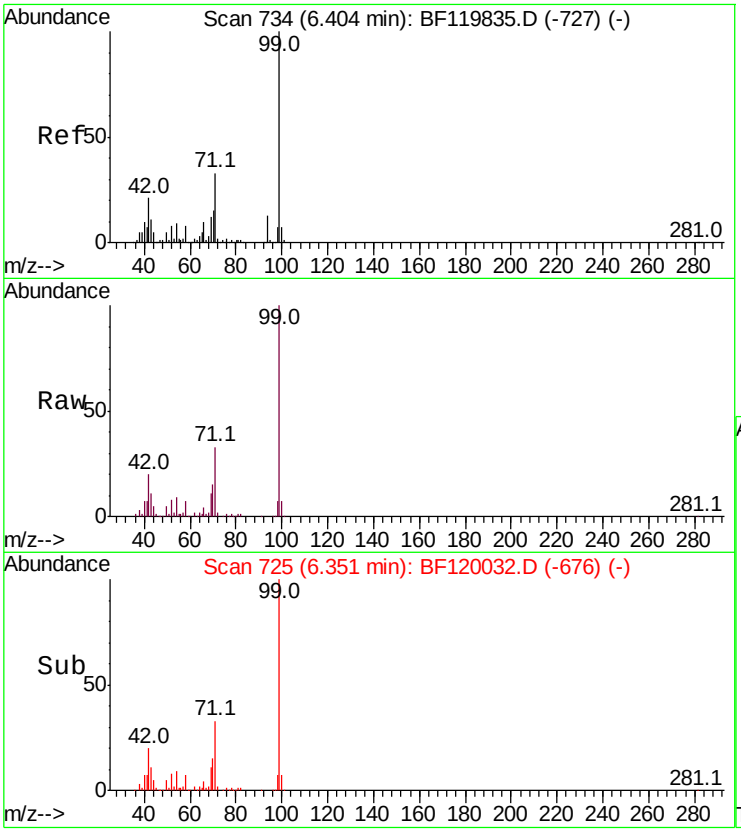


#5
2-Fluorophenol
Concen: 18.991 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:112 Resp: 151512

Ion	Ratio	Lower	Upper
112	100		
64	67.4	55.5	83.3
63	35.8	29.1	43.7



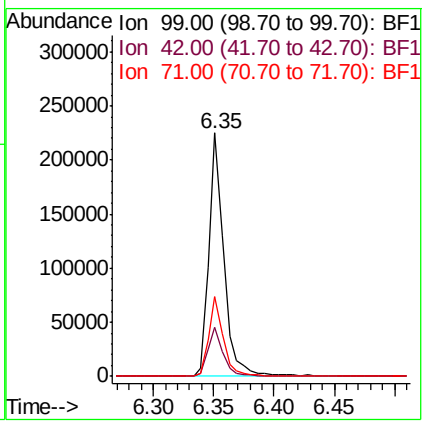


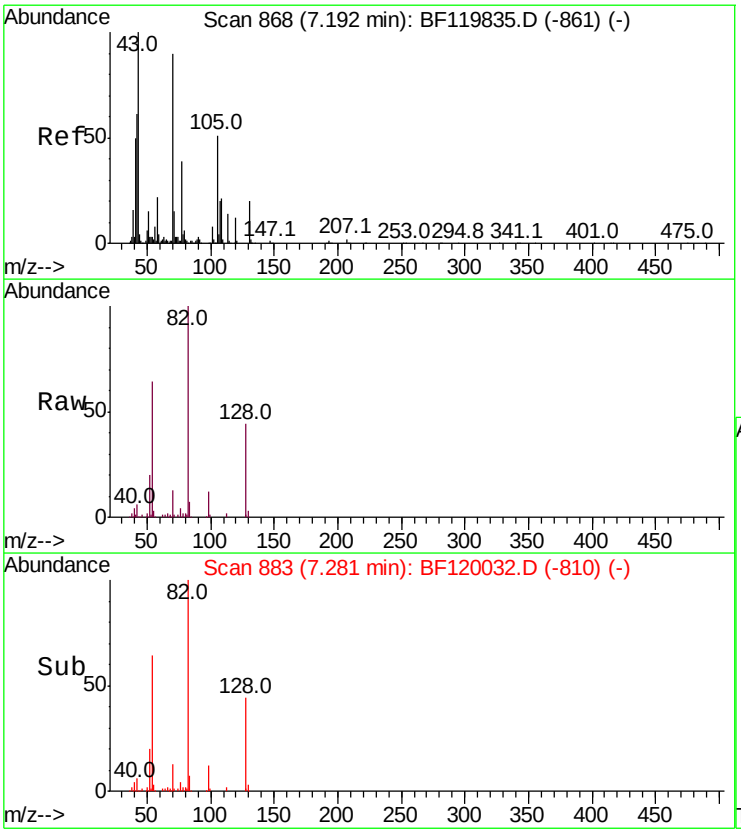
#7
Phenol-d6
Concen: 18.777 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion: 99 Resp: 193034

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.9	25.3
71	32.6	26.3	39.5

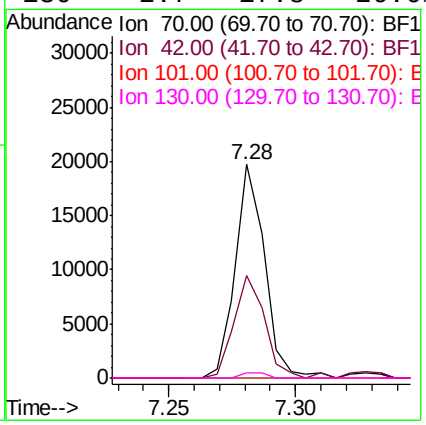


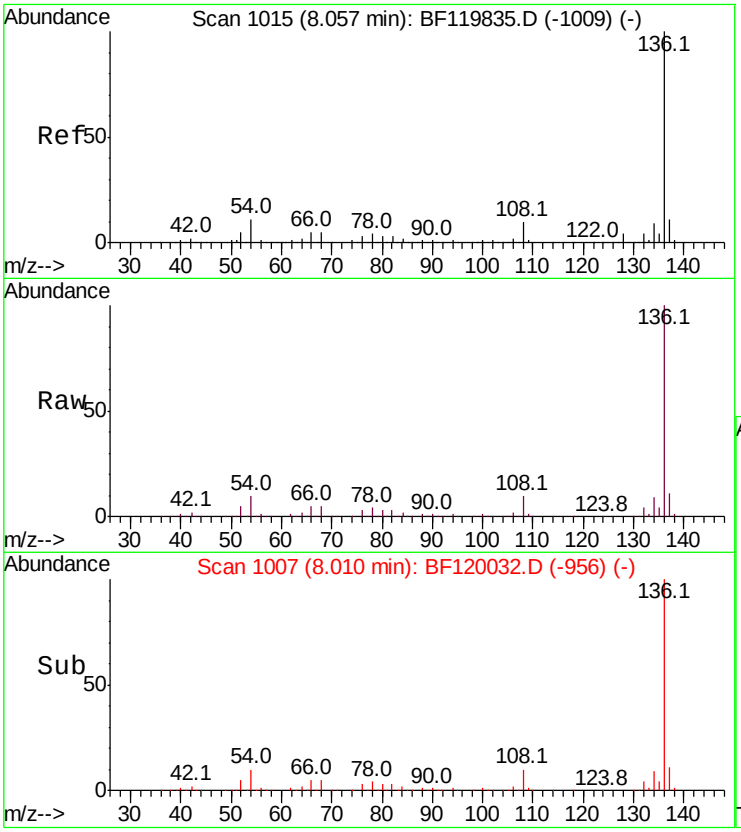


#19
n-Nitroso-di-n-propylamine
Concen: 2.415 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion: 70 Resp: 15964

Ion	Ratio	Lower	Upper
70	100		
42	48.1	54.2	81.4#
101	0.0	7.4	11.2#
130	2.7	17.8	26.6#



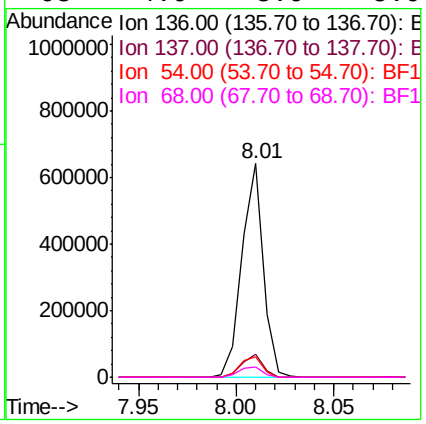


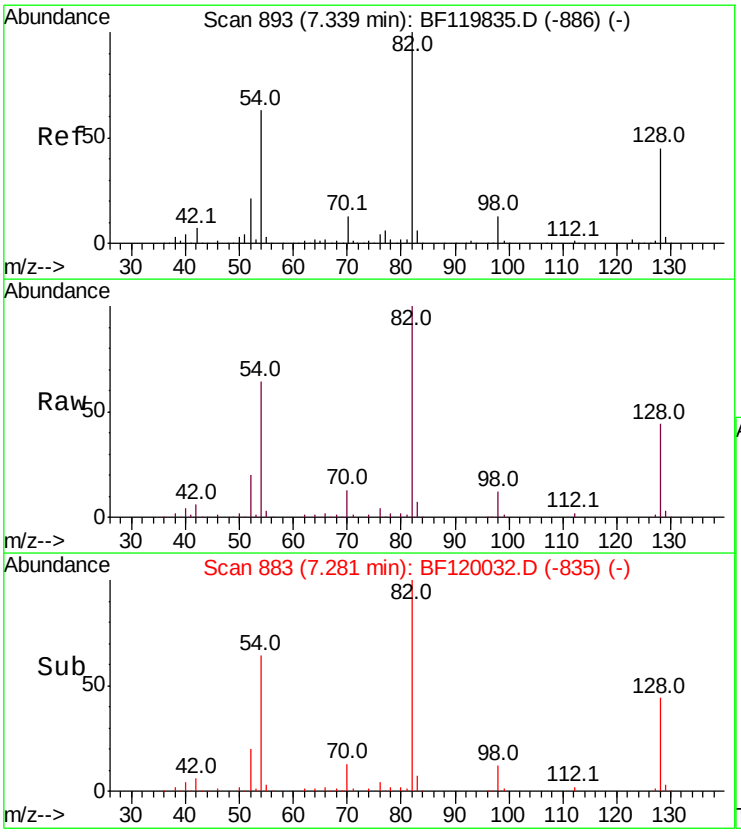
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:136 Resp: 489783

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.5	8.5	12.7
68	4.9	3.9	5.9

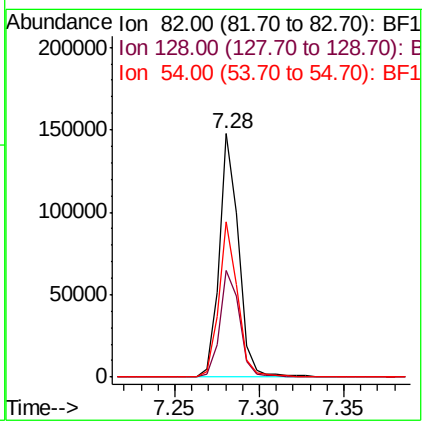


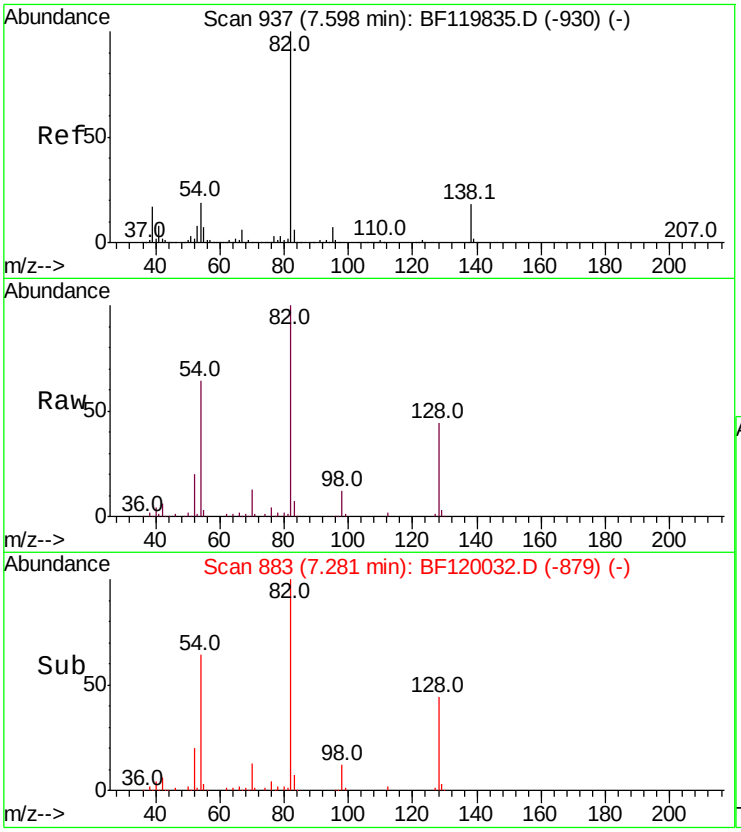


#23
Nitrobenzene-d5
Concen: 12.424 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion: 82 Resp: 117625

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.2	54.4
54	63.6	50.4	75.6



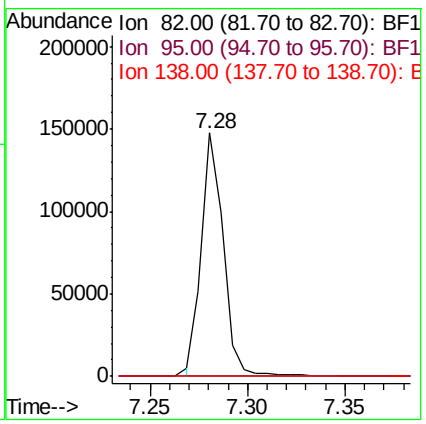


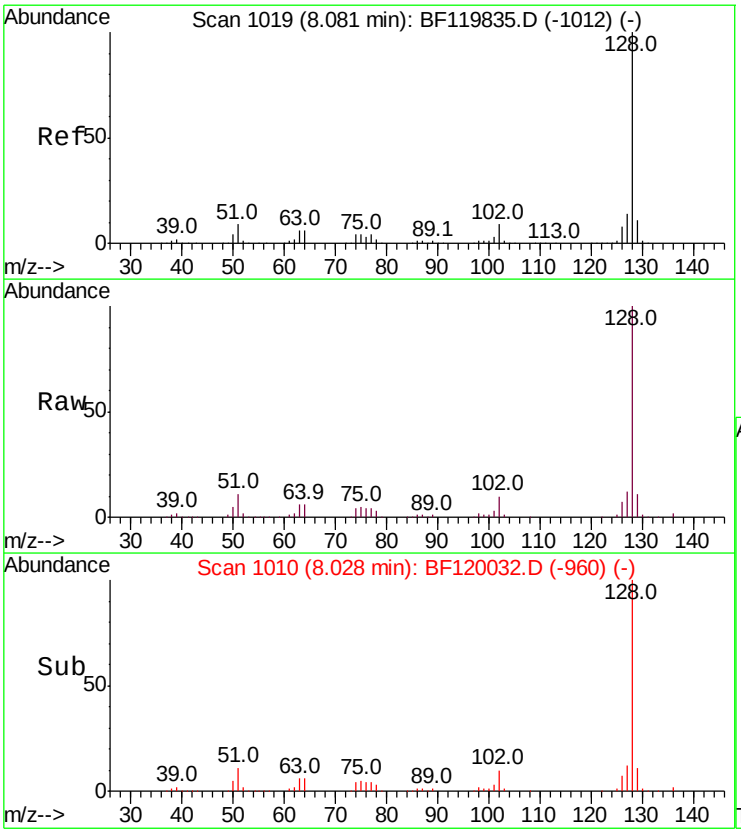
#25
Isophorone
Concen: 6.344 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion: 82 Resp: 115787

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.5	21.7#

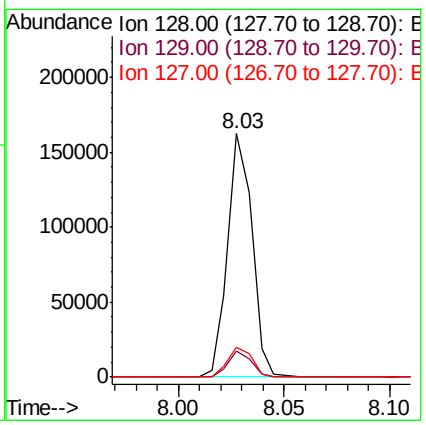


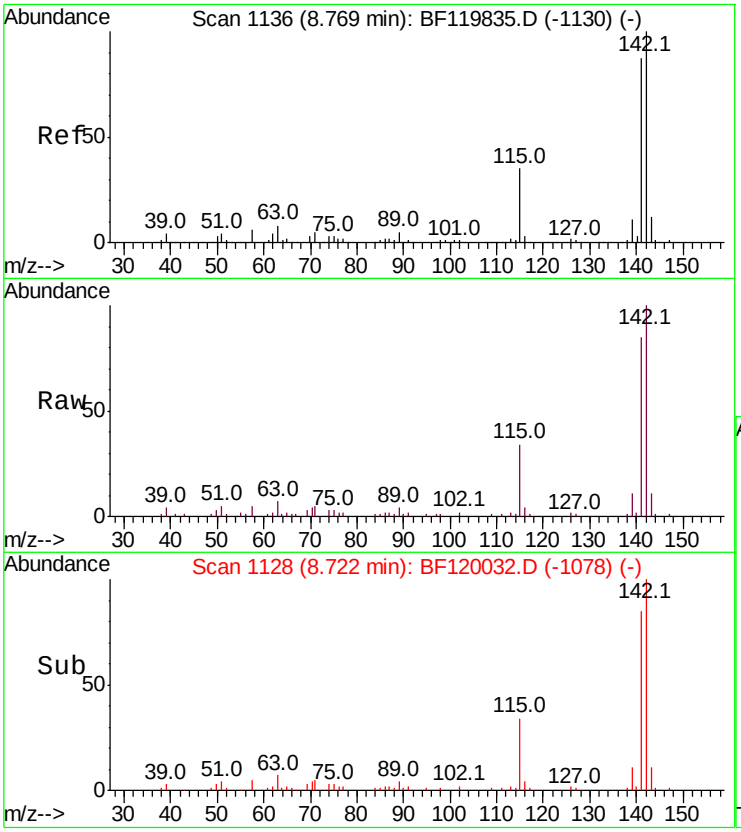


#31
Naphthalene
Concen: 5.040 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:128 Resp: 129884

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	12.2	11.0	16.4



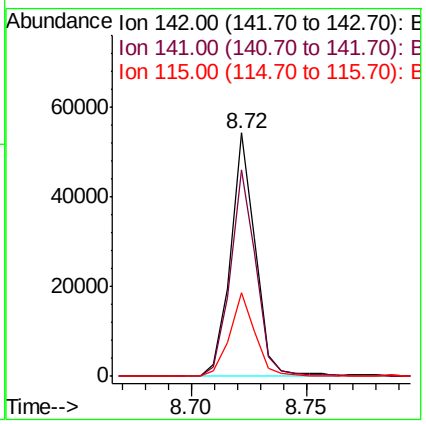


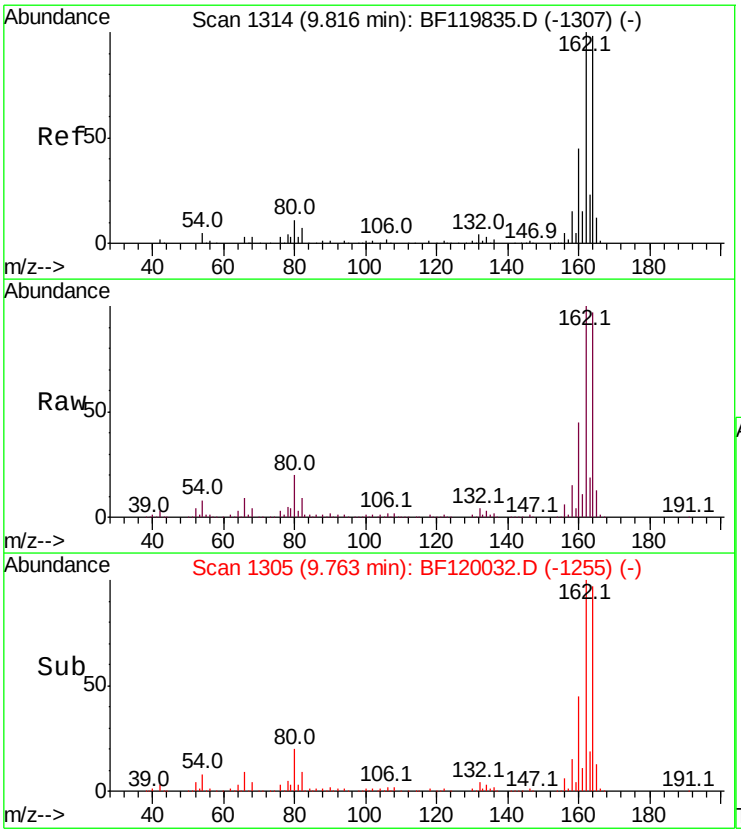
#37
2-Methylnaphthalene
Concen: 2.323 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:142 Resp: 40592

Ion	Ratio	Lower	Upper
142	100		
141	84.7	69.9	104.9
115	34.2	28.0	42.0

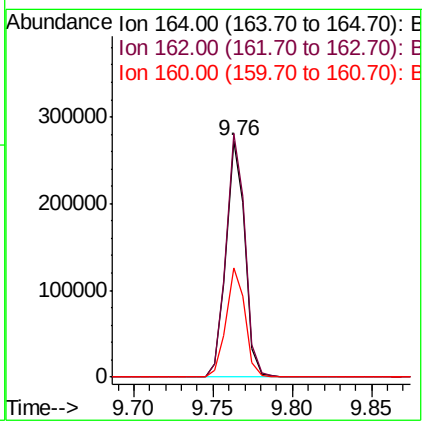


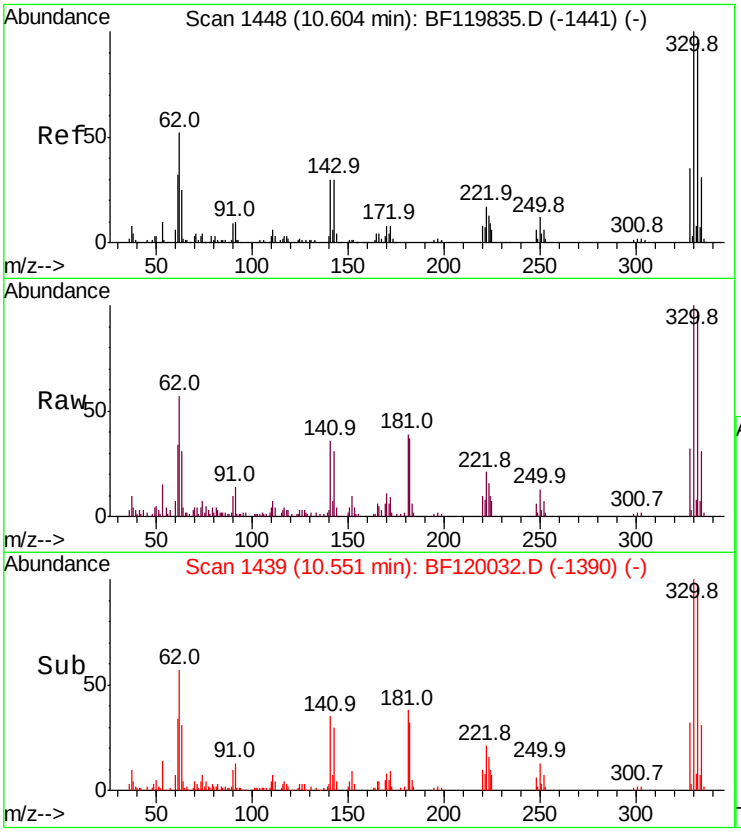


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:164 Resp: 225779

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.9	122.9
160	46.0	36.6	54.8



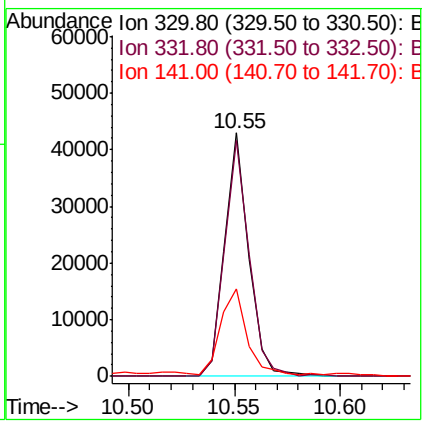


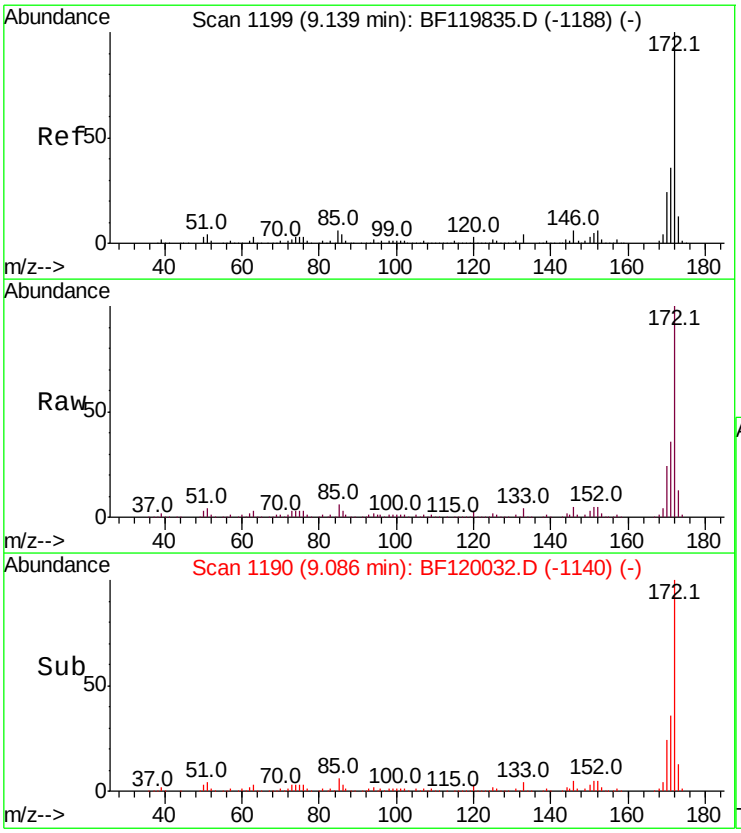
#42
2,4,6-Tribromophenol
Concen: 12.223 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:330 Resp: 33789

Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.8	115.2
141	37.7	25.1	37.7#

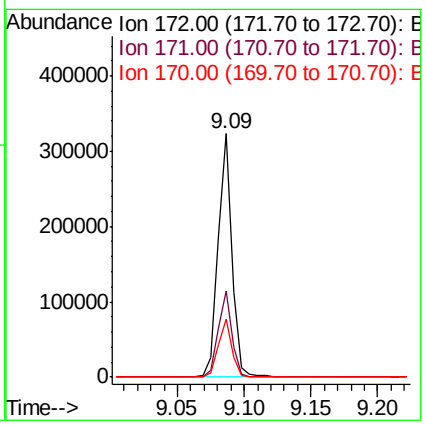


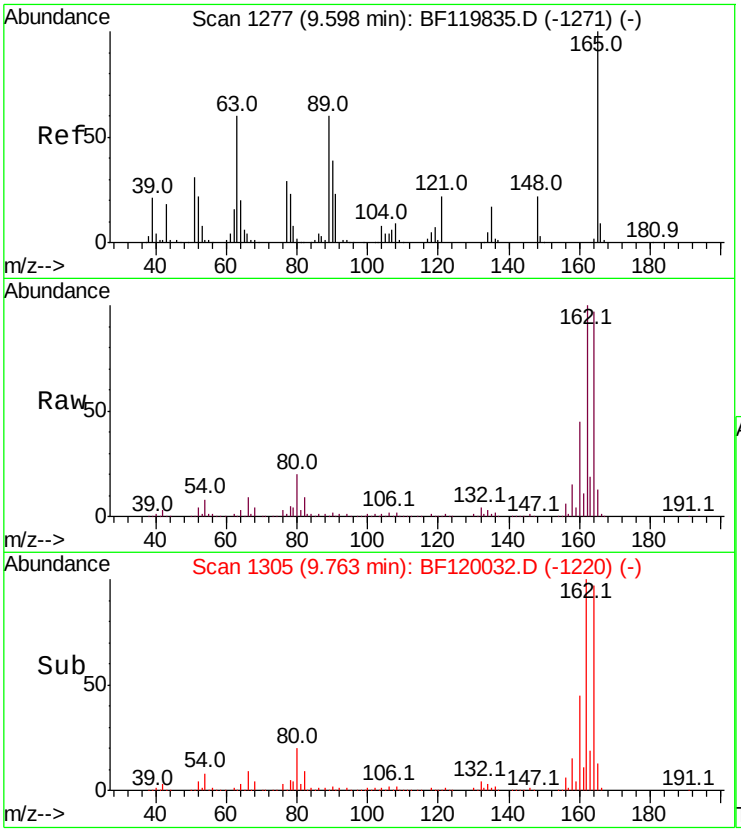


#45
2-Fluorobiphenyl
Concen: 15.028 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:172 Resp: 238981

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.9	19.4	29.2



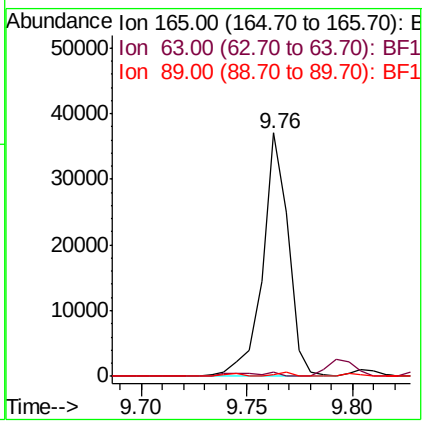


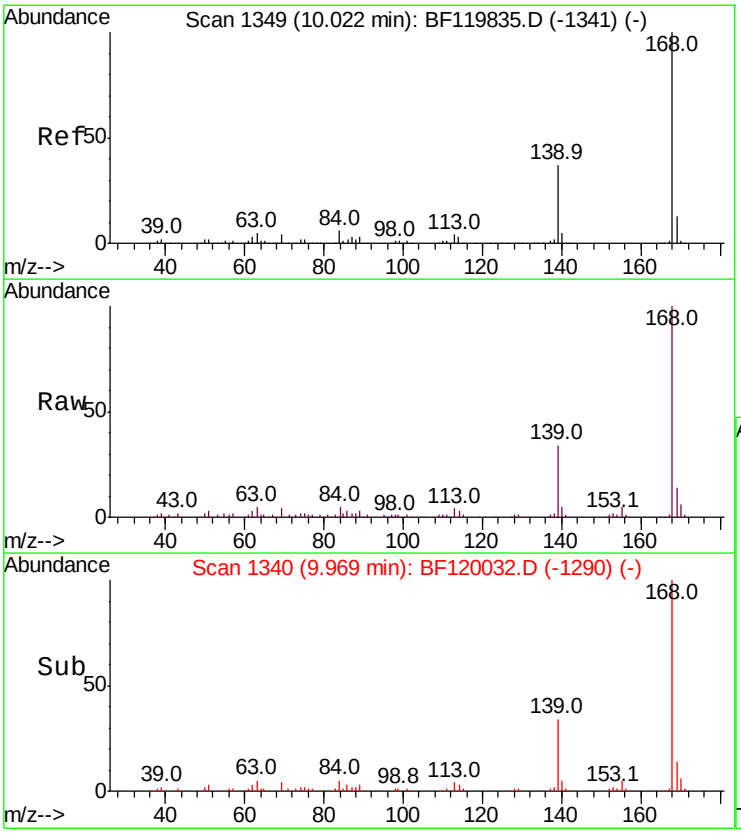
#51
2,6-Dinitrotoluene
Concen: 8.169 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:165 Resp: 31239

Ion	Ratio	Lower	Upper
165	100		
63	1.8	55.6	83.4#
89	0.9	47.9	71.9#

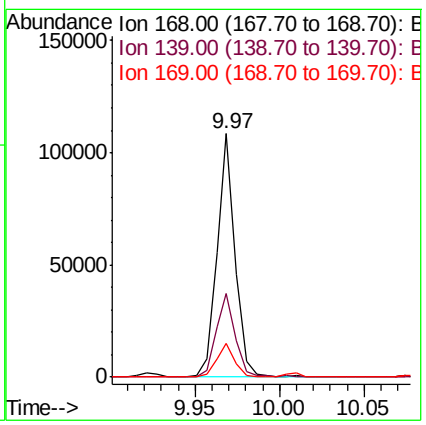


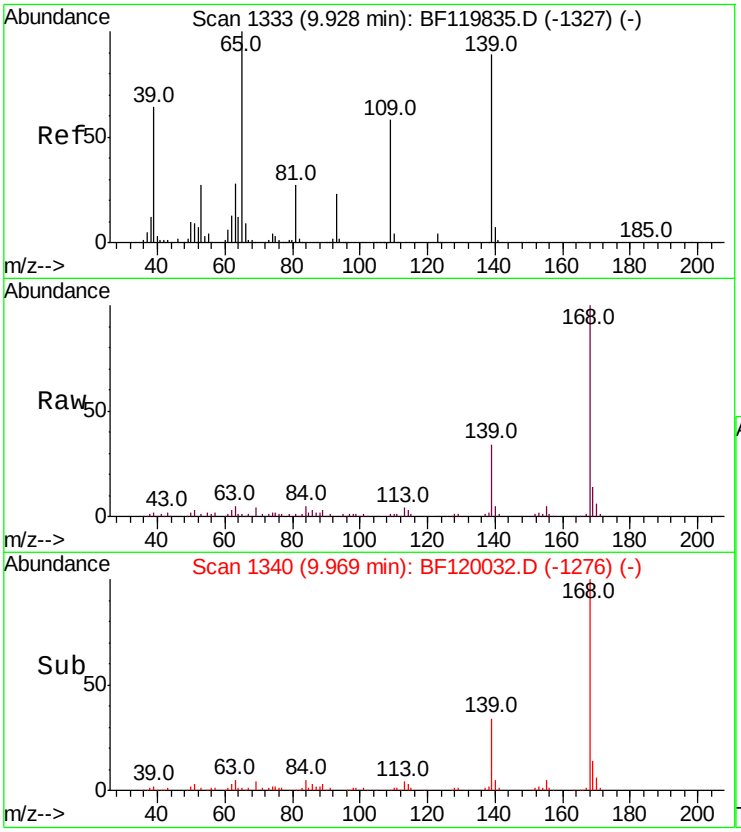


#55
Dibenzofuran
Concen: 3.980 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:168 Resp: 81336

Ion	Ratio	Lower	Upper
168	100		
139	34.5	29.8	44.6
169	14.0	10.6	15.8



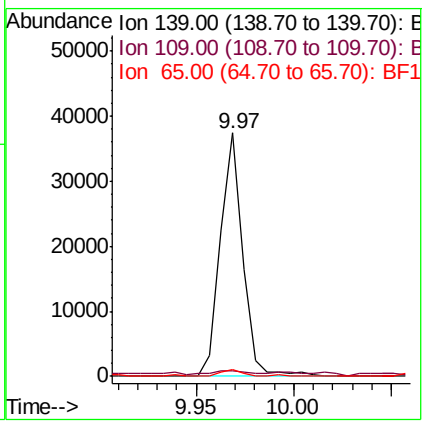


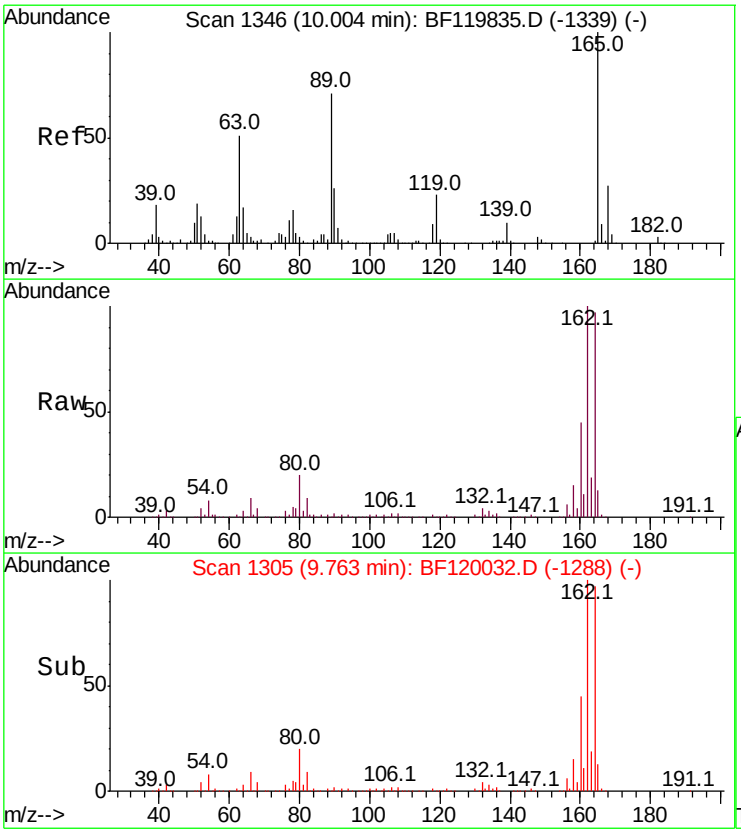
#56
4-Nitrophenol
Concen: 9.175 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.08 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:139 Resp: 29816

Ion	Ratio	Lower	Upper
139	100		
109	2.0	45.5	85.5#
65	2.6	92.3	132.3#

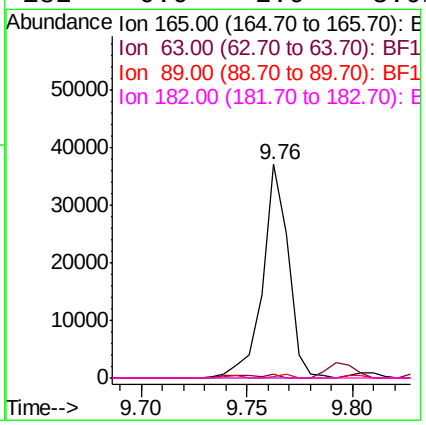


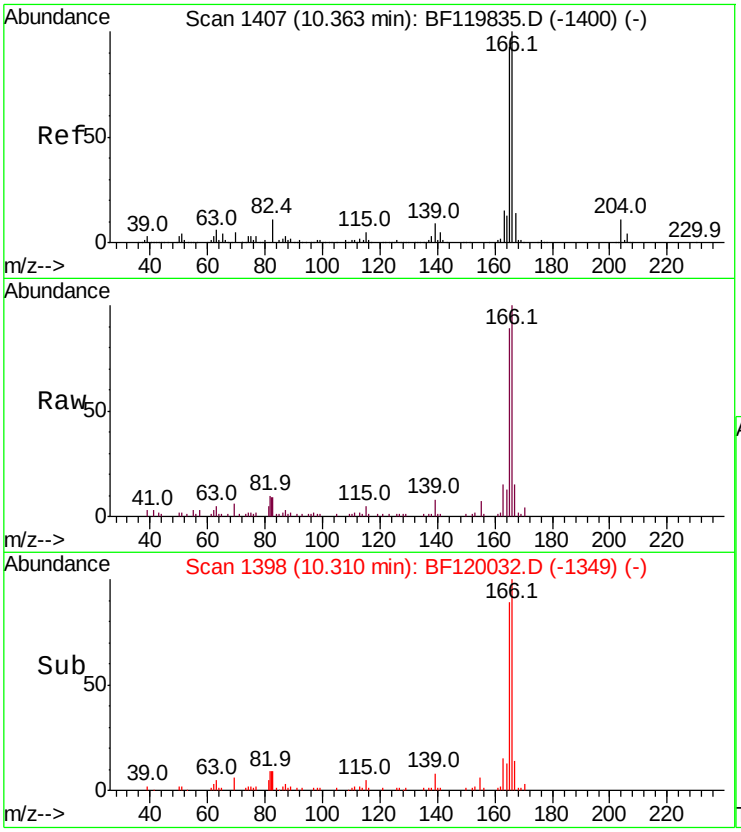


#57
2,4-Dinitrotoluene
Concen: 6.200 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:165 Resp: 31239

Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.8	61.2#
89	0.9	56.9	85.3#
182	0.0	2.0	3.0#



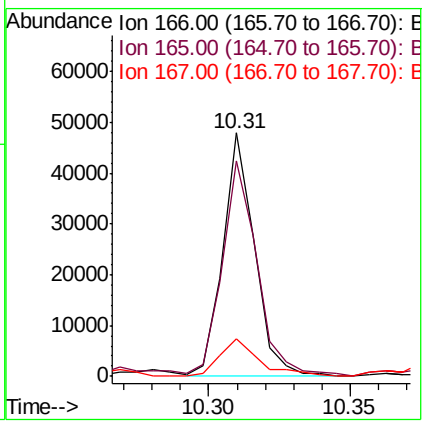


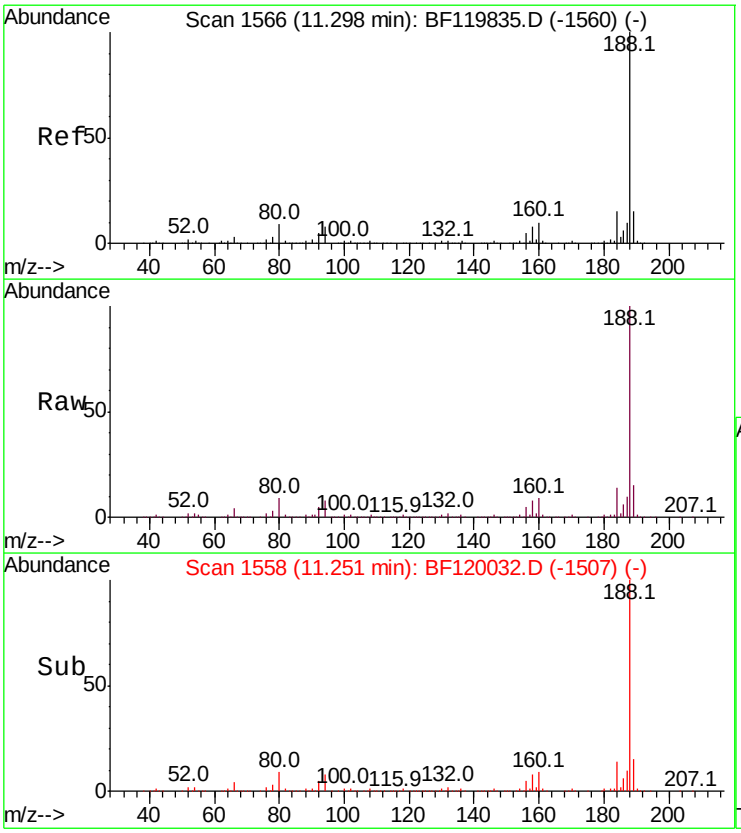
#58
Fluorene
Concen: 2.287 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:166 Resp: 37385

Ion	Ratio	Lower	Upper
166	100		
165	88.6	74.2	111.2
167	15.2	10.8	16.2

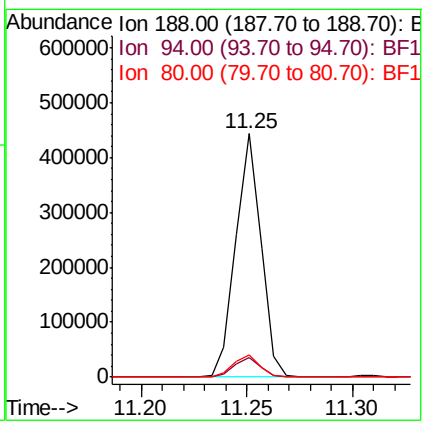


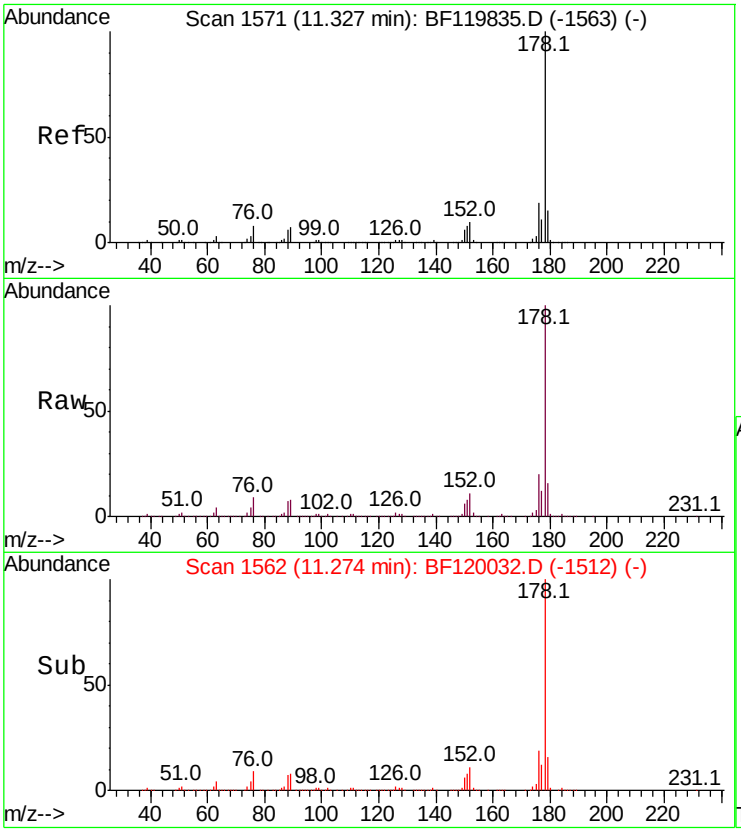


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:188 Resp: 366963

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	9.0	7.4	11.2



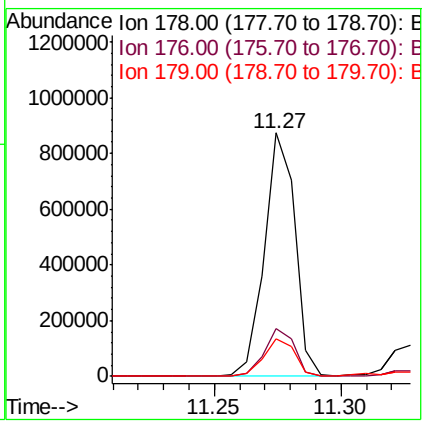


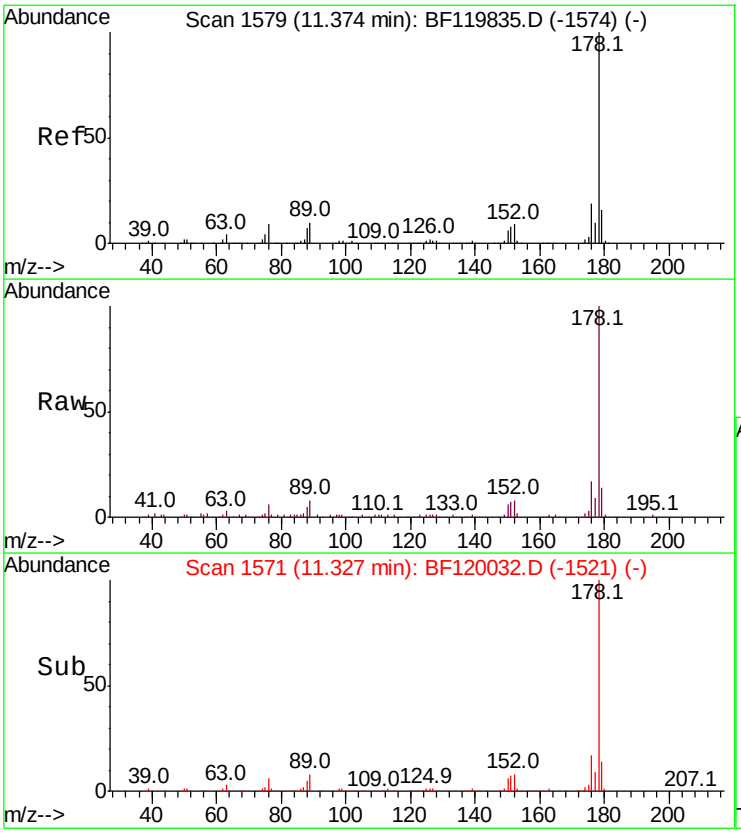
#71
Phenanthrene
Concen: 37.982 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:178 Resp: 741787

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.5	12.2	18.4

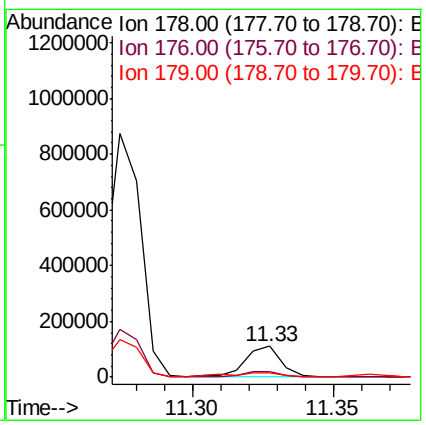


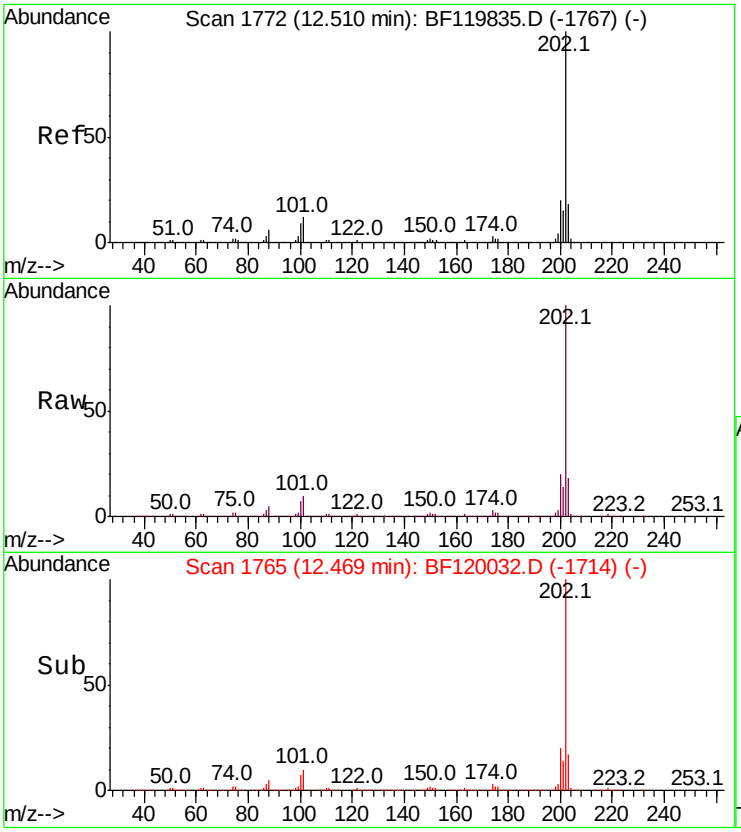


#72
Anthracene
Concen: 4.715 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:178 Resp: 94065

Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.4	23.2
179	14.4	12.8	19.2



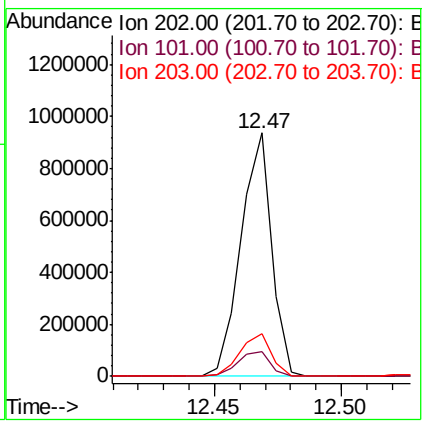


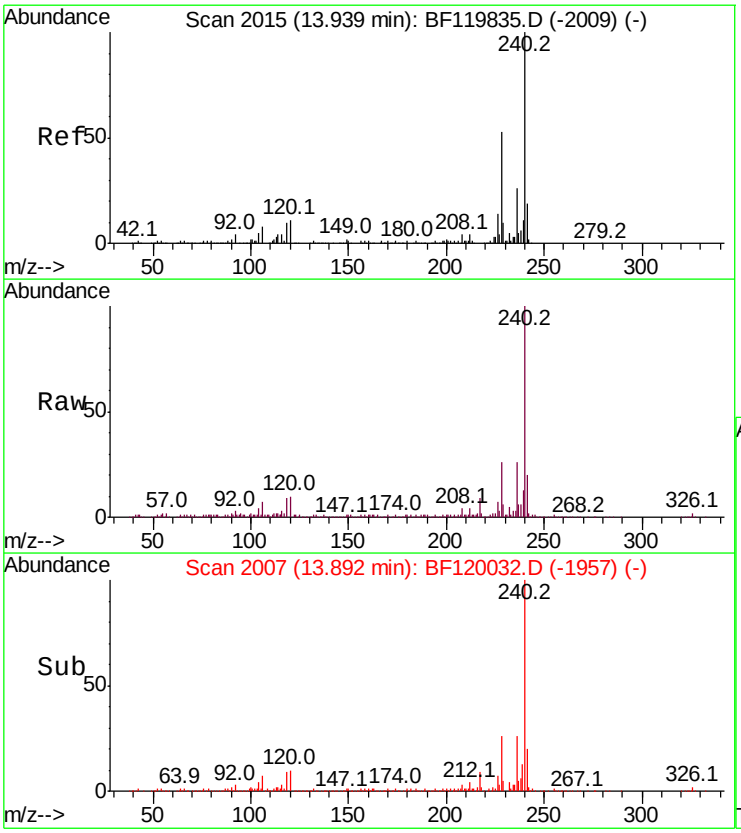
#75
Fluoranthene
Concen: 37.559 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:202 Resp: 791462

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	32.3
203	17.5	0.0	37.6

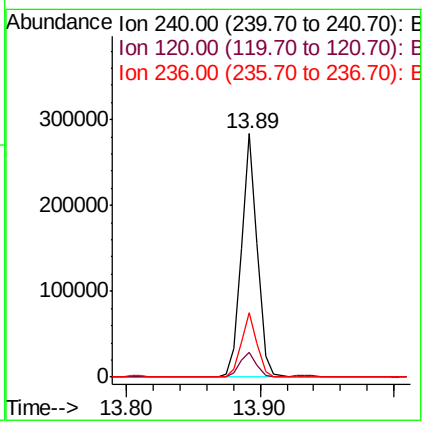


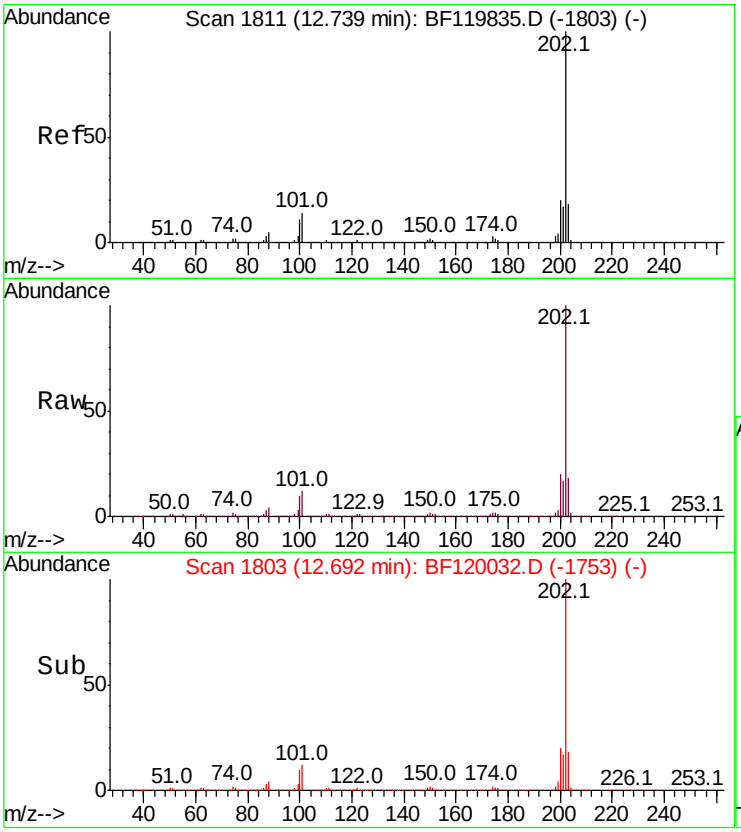


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:240 Resp: 232825

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.0	13.6
236	26.4	20.7	31.1



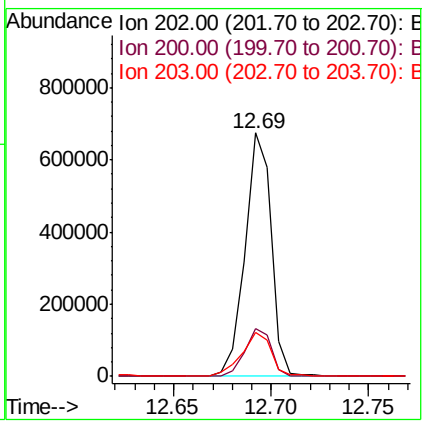


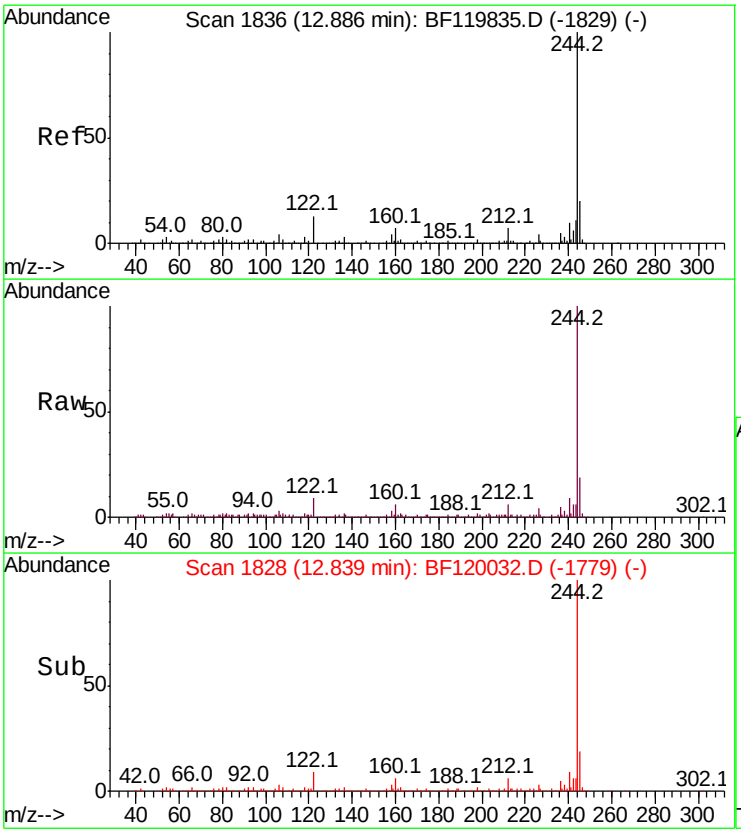
#78
Pyrene
Concen: 31.801 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:202 Resp: 624174

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.2	24.2
203	18.2	14.1	21.1

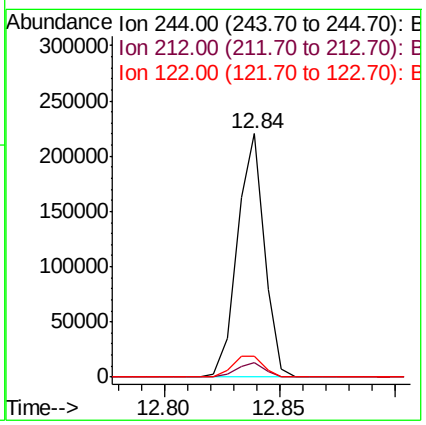


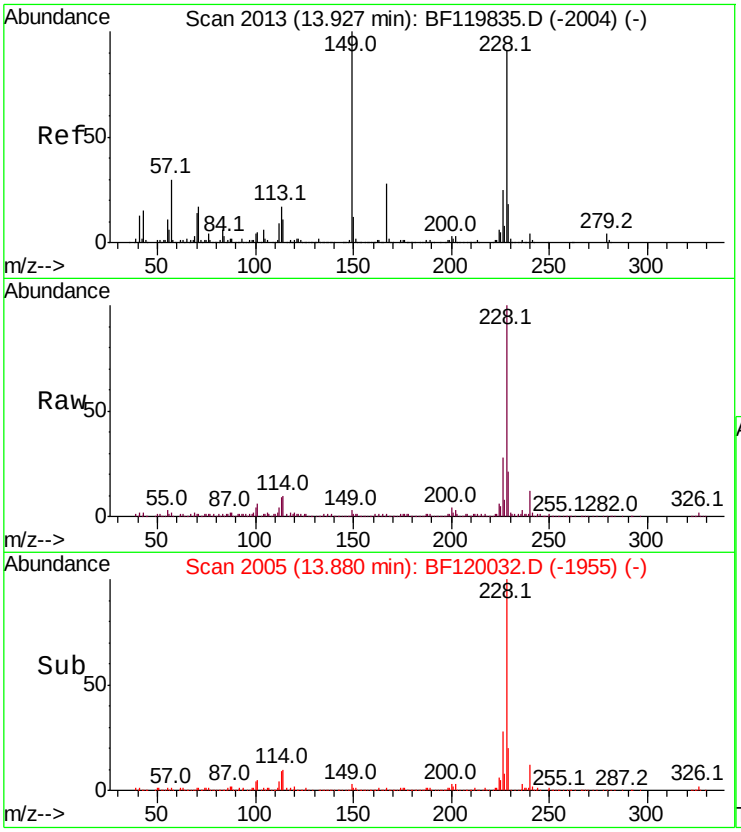


#79
Terphenyl-d14
Concen: 12.998 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:244 Resp: 179845

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.0
122	8.7	10.3	15.5#



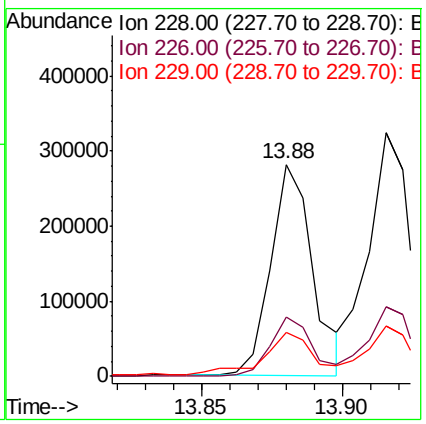


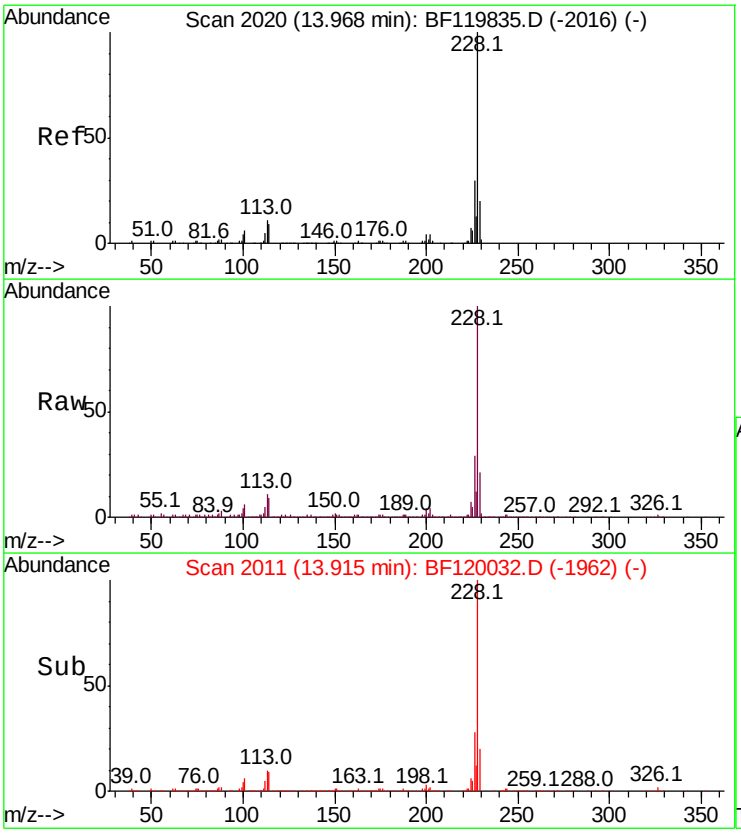
#81
Benzo(a)anthracene
Concen: 18.812 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:228 Resp: 288142

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.9	32.9
229	21.0	15.9	23.9

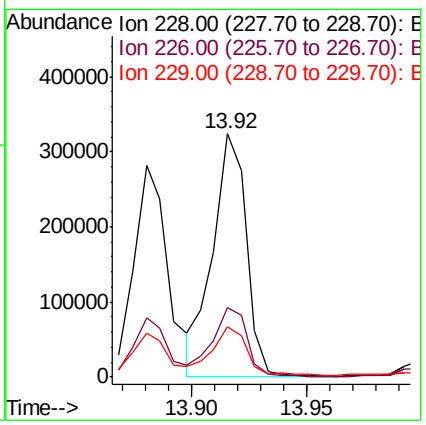


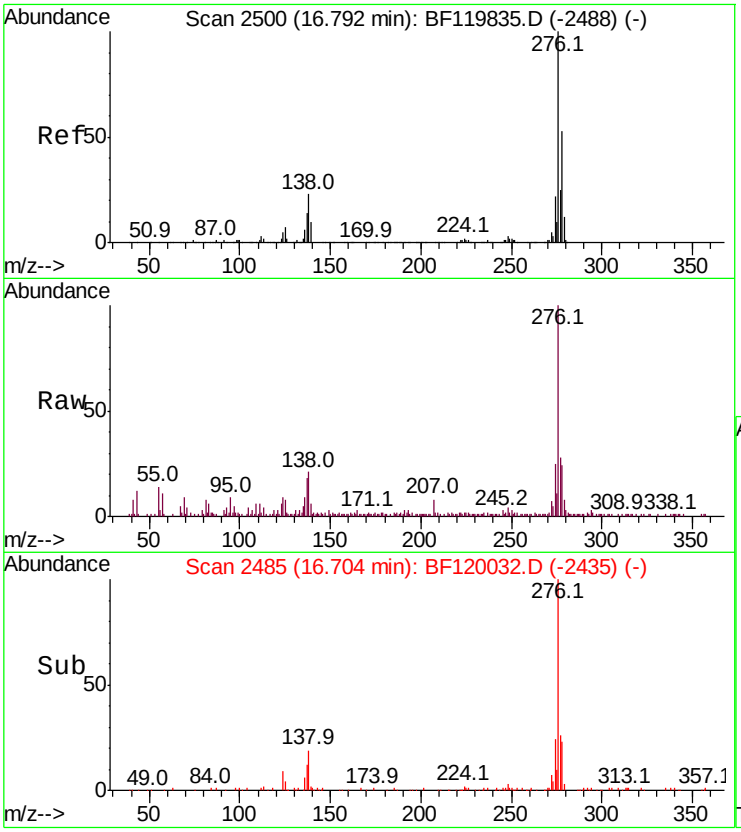


#83
Chrysene
Concen: 20.902 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:228 Resp: 325297

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.2	36.2
229	20.5	15.9	23.9



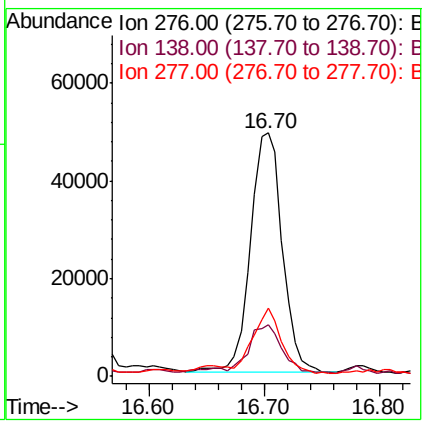


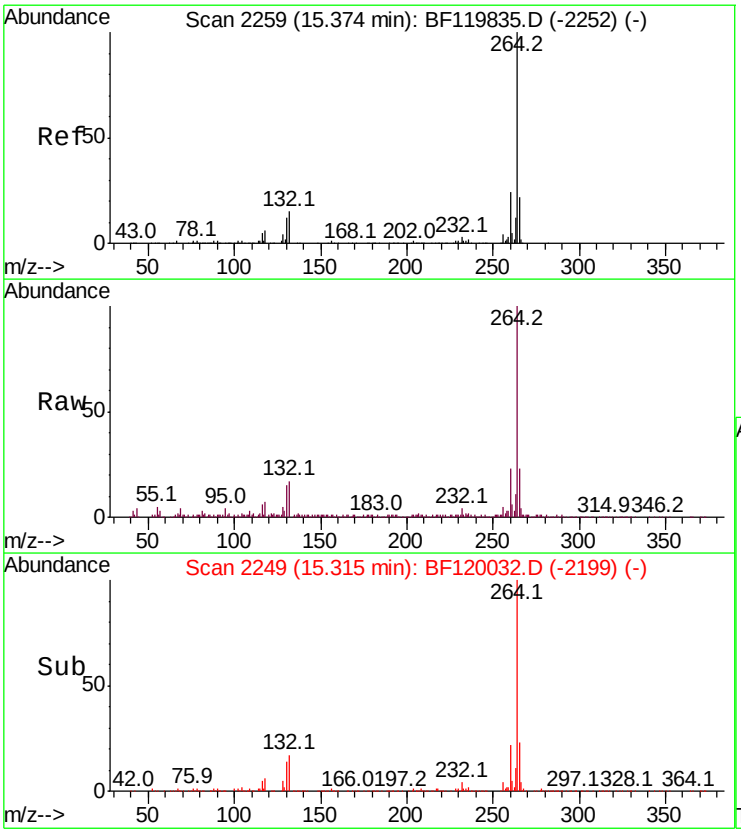
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.919 ng
RT: 16.70 min Scan# 2485
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:276 Resp: 94915

Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.0	27.0
277	24.8	20.1	30.1

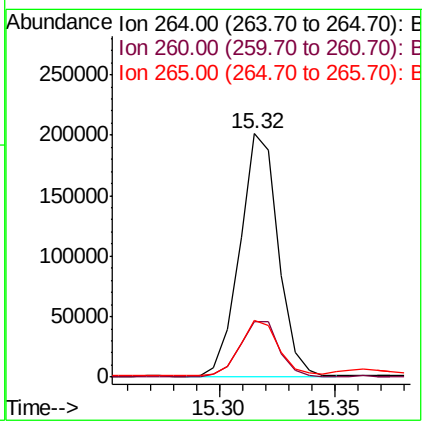


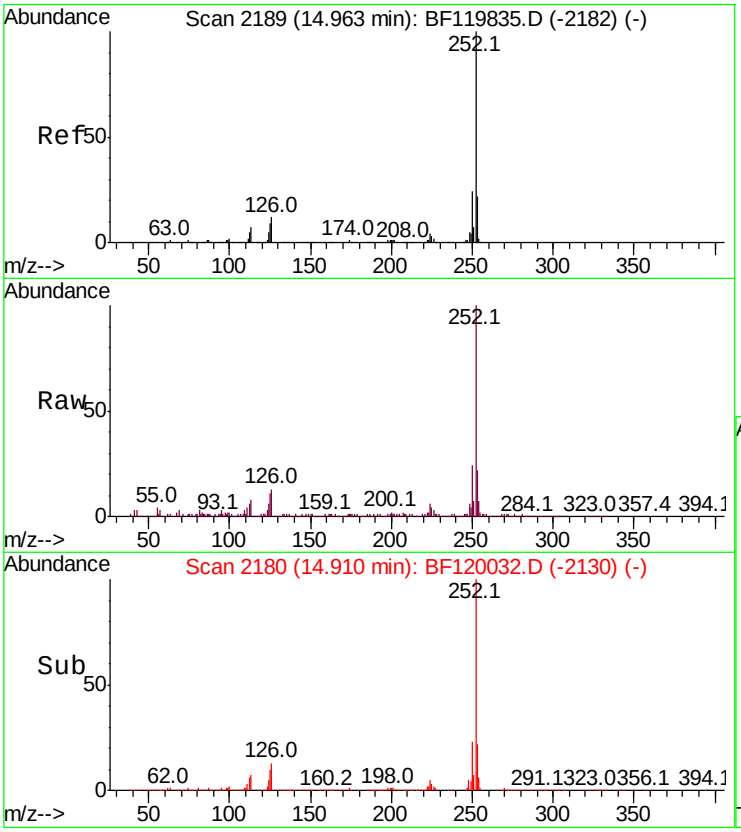


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:264 Resp: 232393

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.3	28.9
265	23.2	17.6	26.4



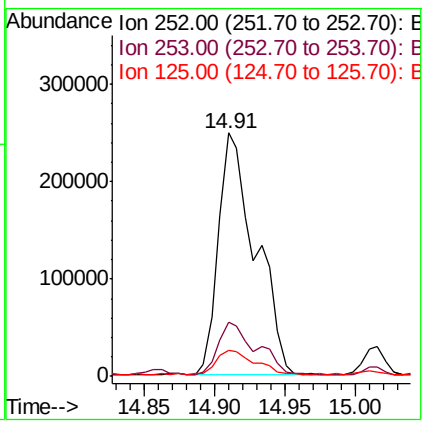


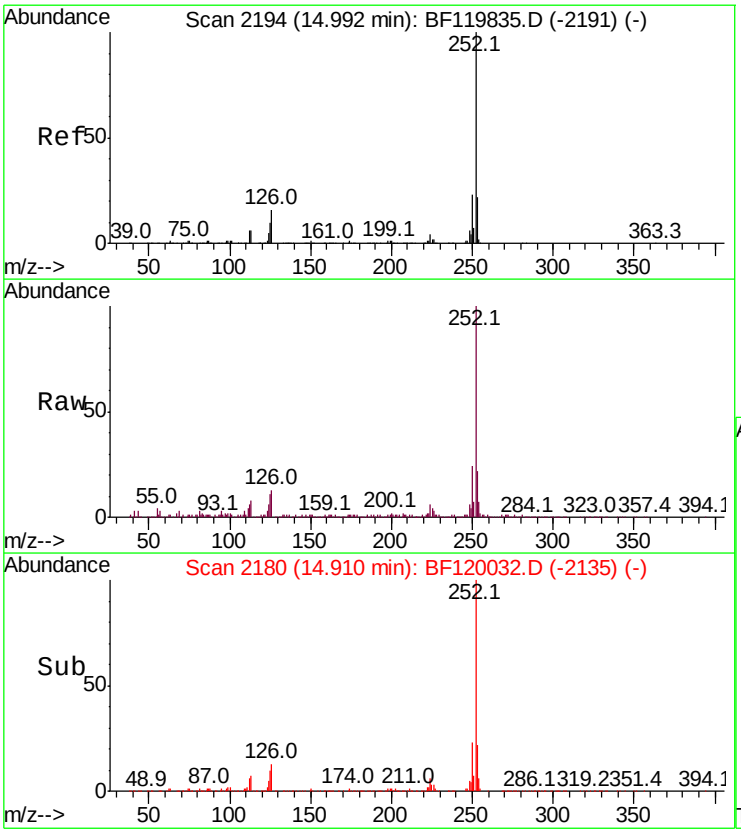
#88
Benzo(b)fluoranthene
Concen: 27.348 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:252 Resp: 457206

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.7	7.4	11.2

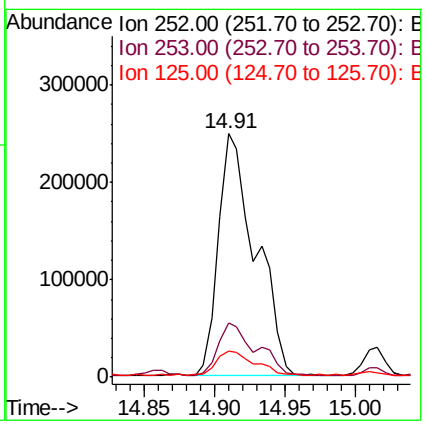


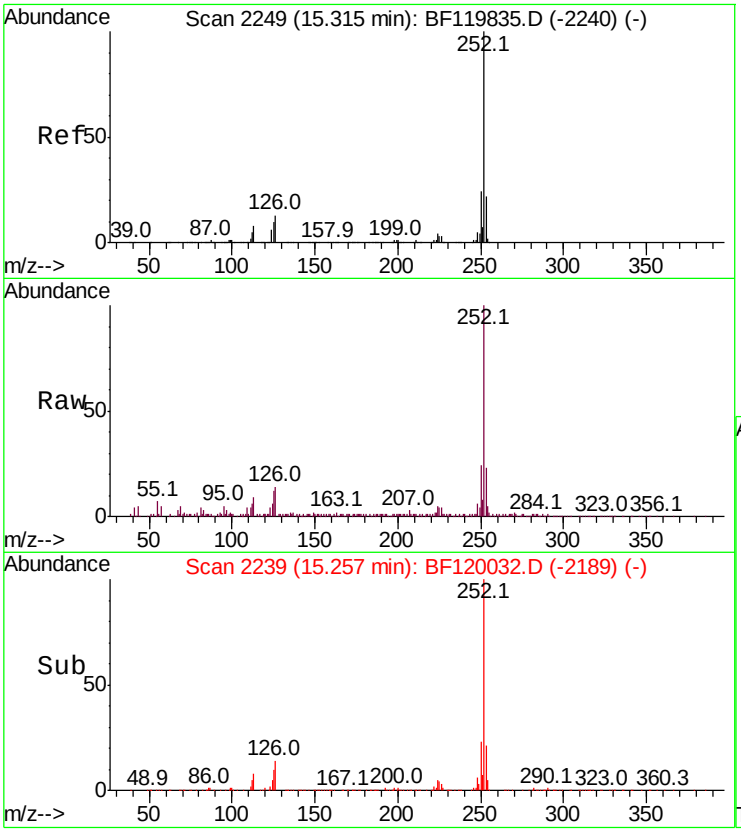


#89
Benzo(k)fluoranthene
Concen: 31.697 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:252 Resp: 457206

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.7	7.7	11.5



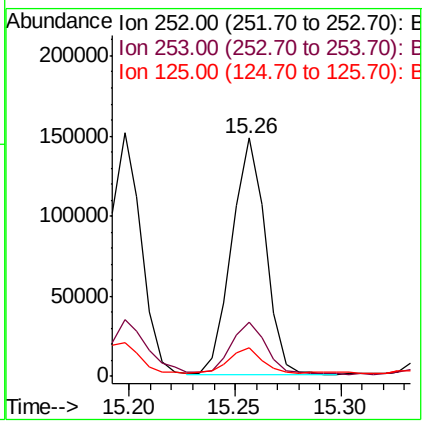


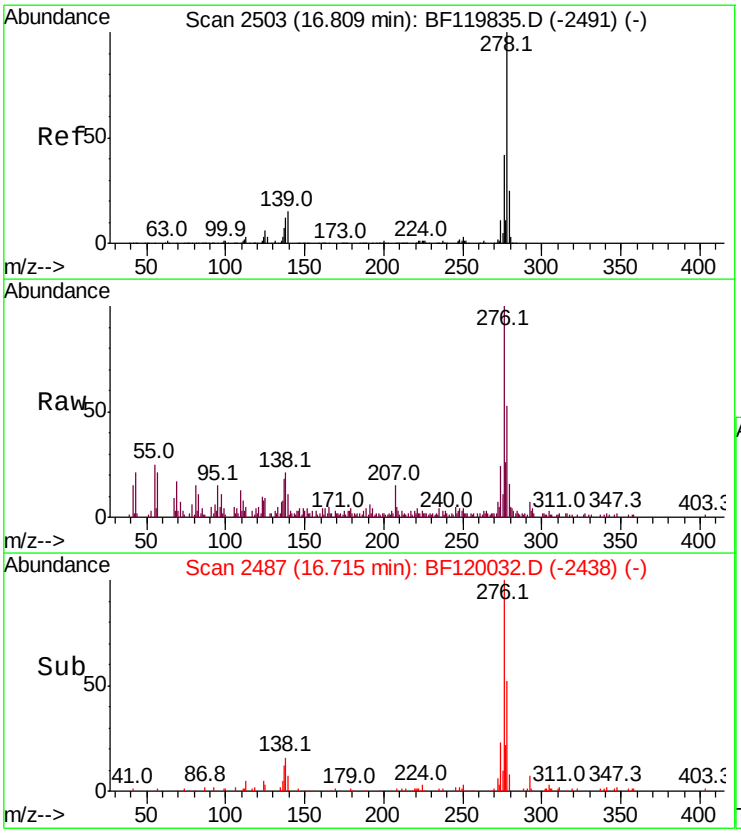
#90
Benzo(a)pyrene
Concen: 11.613 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:252 Resp: 163234

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	11.8	8.3	12.5

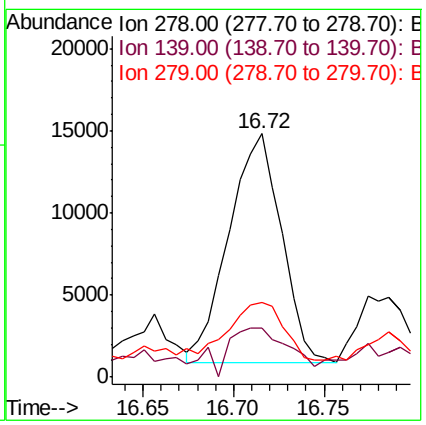


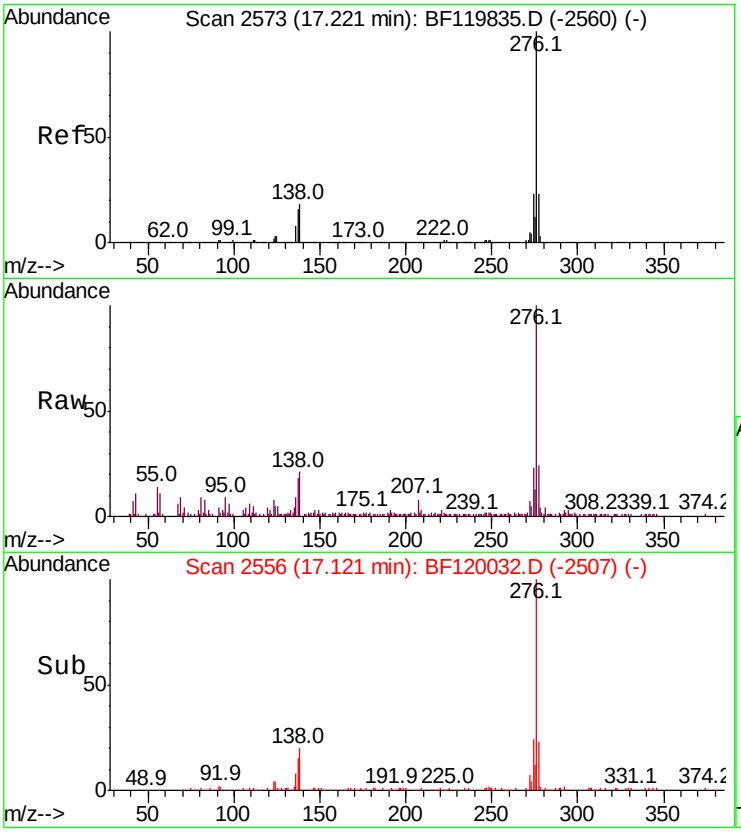


#91
Dibenzo(a,h)anthracene
Concen: 2.253 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Tgt Ion:278 Resp: 28051

Ion	Ratio	Lower	Upper
278	100		
139	20.0	11.6	17.4#
279	30.5	19.7	29.5#





#92
Benzo(g,h,i)perylene
Concen: 7.663 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF120032.D
Acq: 16 Apr 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:276 Resp: 94180

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.5	27.7
138	21.1	14.6	22.0