Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118816.D
Acq On : 4 Feb 2020 22:07
Operator : CG/JU
Sample : L1383-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 05 06:34:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	274536	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1020733	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	535836	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	896389	20.00	ng		-0.01
76) Chrysene-d12	13.96	240	564598	20.00	ng		-0.02
87) Perylene-d12	15.40	264	683787	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1554458	107.18	ng		0.00
7) Phenol-d6	6.45	99	1892060	105.09	ng		0.00
23) Nitrobenzene-d5	7.37	82	1229996	71.82	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	624851	97.46	ng		-0.01
45) 2-Fluorobiphenyl	9.17	172	2325846	77.60	ng		-0.01
79) Terphenyl-d14	12.91	244	2183571	79.44	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	340	Below Cal		#	35
19) n-Nitroso-di-n-propylamine	7.37	70	169745	15.409	ng	#	76
25) Isophorone	7.37	82	1229984	39.964	ng	#	63
50) Dimethylphthalate	9.56	163	130233	3.569	ng		98
51) 2,6-Dinitrotoluene	9.85	165	70815	8.483	ng	#	31
57) 2,4-Dinitrotoluene	9.85	165	70815	6.410	ng	#	34
67) 4-Bromophenyl-phenylether	10.63	248	40561	3.825	ng	#	1
71) Phenanthrene	11.35	178	254360	5.767	ng		97
75) Fluoranthene	12.53	202	309783	6.433	ng		98
78) Pyrene	12.76	202	289626	7.478	ng		98
81) Benzo(a)anthracene	13.95	228	132533	3.945	ng		98
83) Chrysene	13.99	228	116312	3.449	ng		94
86) Indeno(1,2,3-cd)pyrene	16.83	276	81879	2.417	ng		94
88) Benzo(b)fluoranthene	14.99	252	209736	4.943	ng	#	91
89) Benzo(k)fluoranthene	14.99	252	209736	5.676	ng	#	90
90) Benzo(a)pyrene	15.34	252	119605	3.294	ng	#	94
92) Benzo(g,h,i)perylene	17.26	276	80086	2.583	ng		93

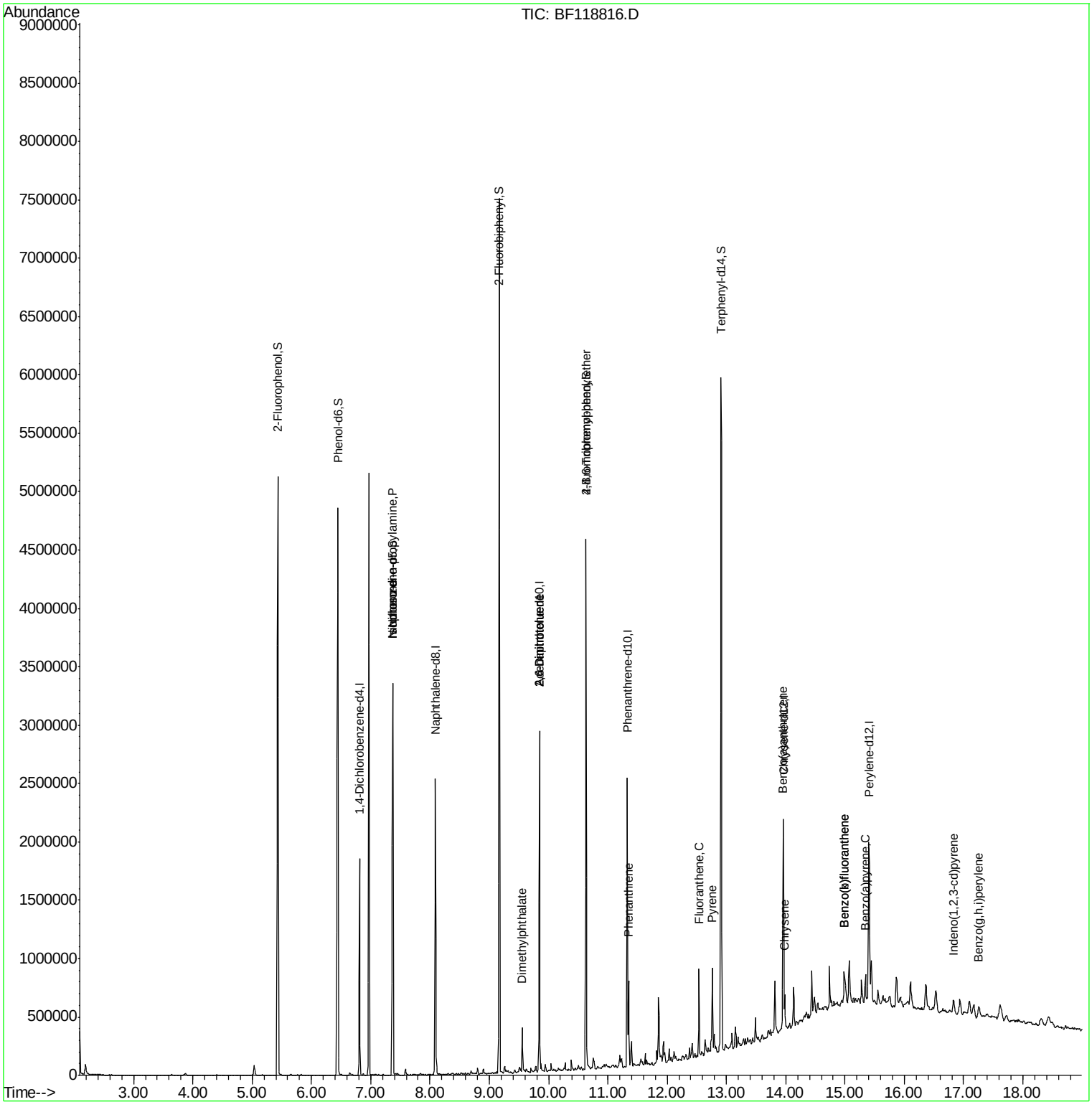
(#) = qualifier out of range (m) = manual integration (+) = signals summed

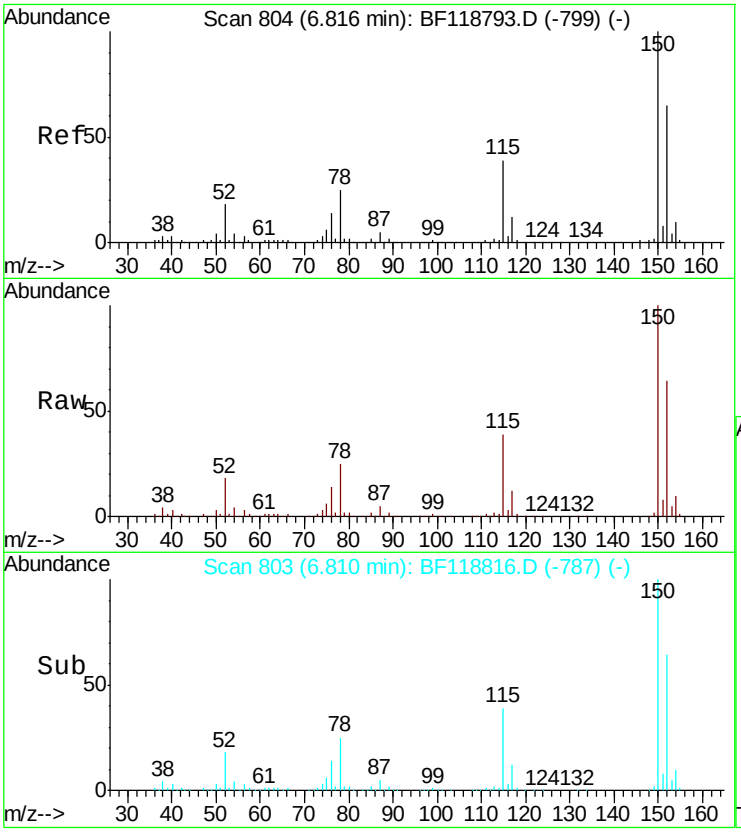
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118816.D
Acq On : 4 Feb 2020 22:07
Operator : CG/JU
Sample : L1383-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 05 06:34:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



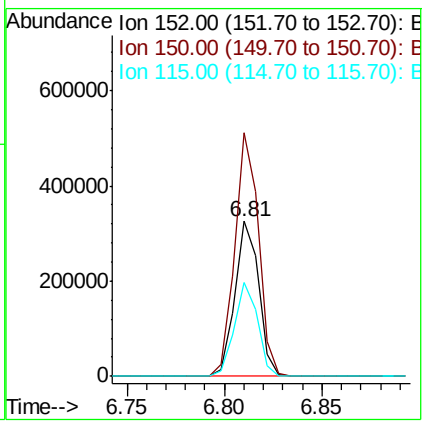


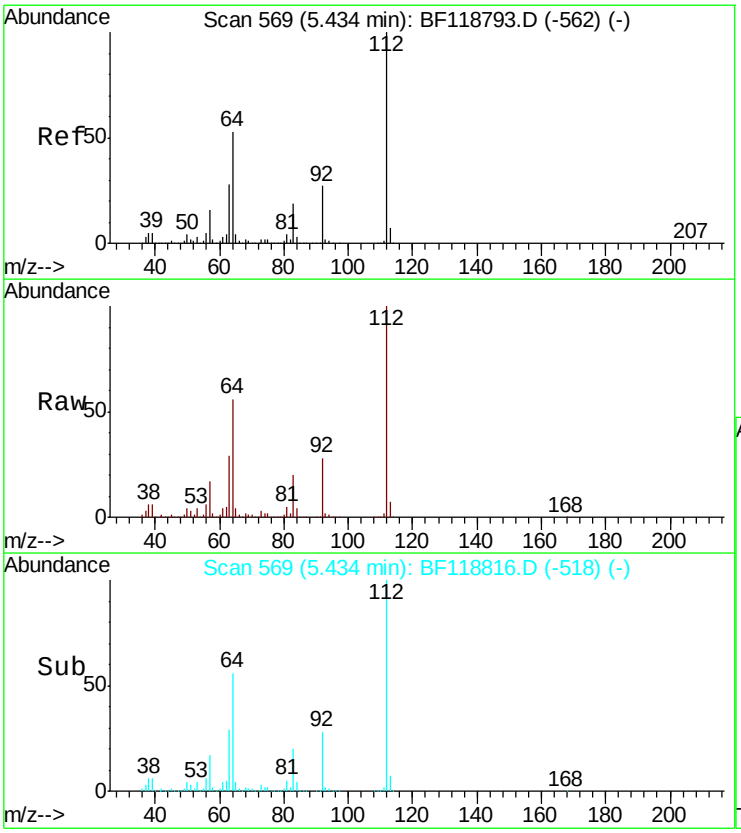
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 274536

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.6	185.4
115	60.6	48.2	72.2

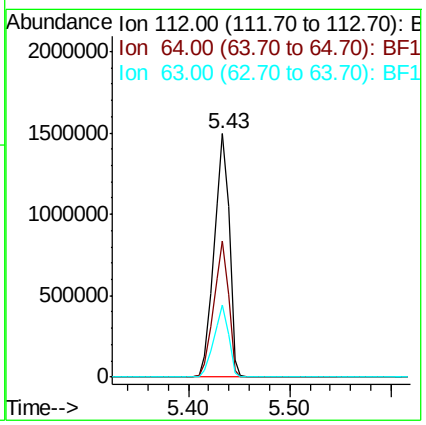


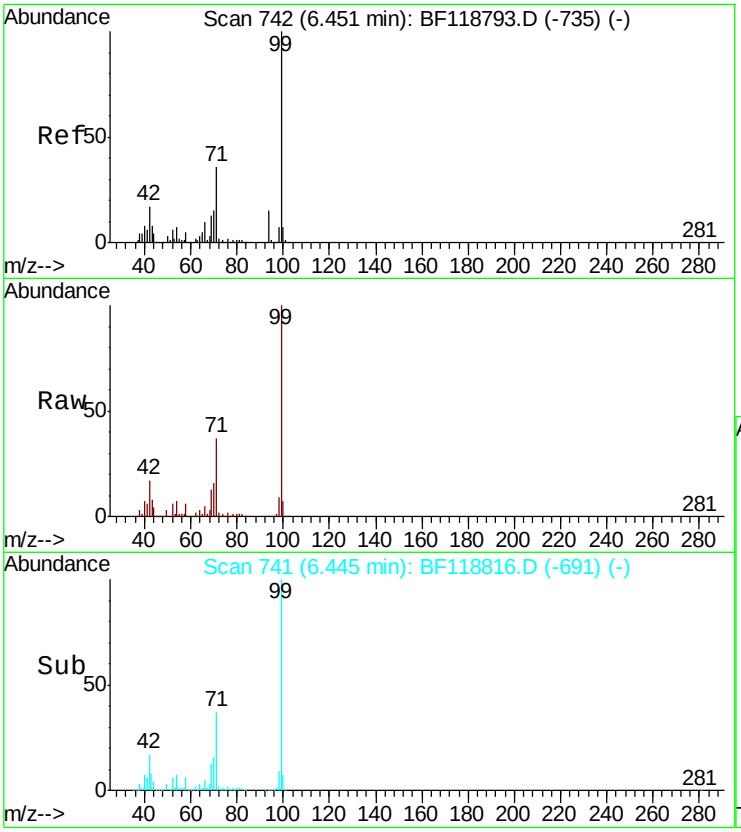


#5
2-Fluorophenol
Concen: 107.180 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion:112 Resp: 1554458

Ion	Ratio	Lower	Upper
112	100		
64	56.1	42.6	63.8
63	29.4	22.2	33.4



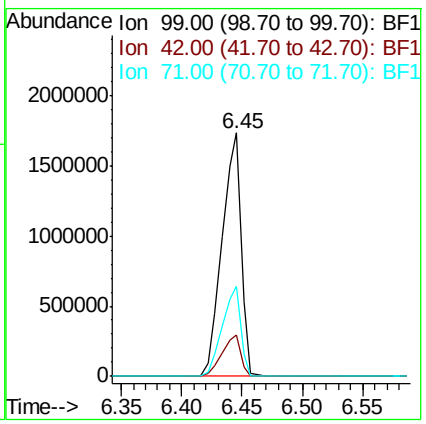


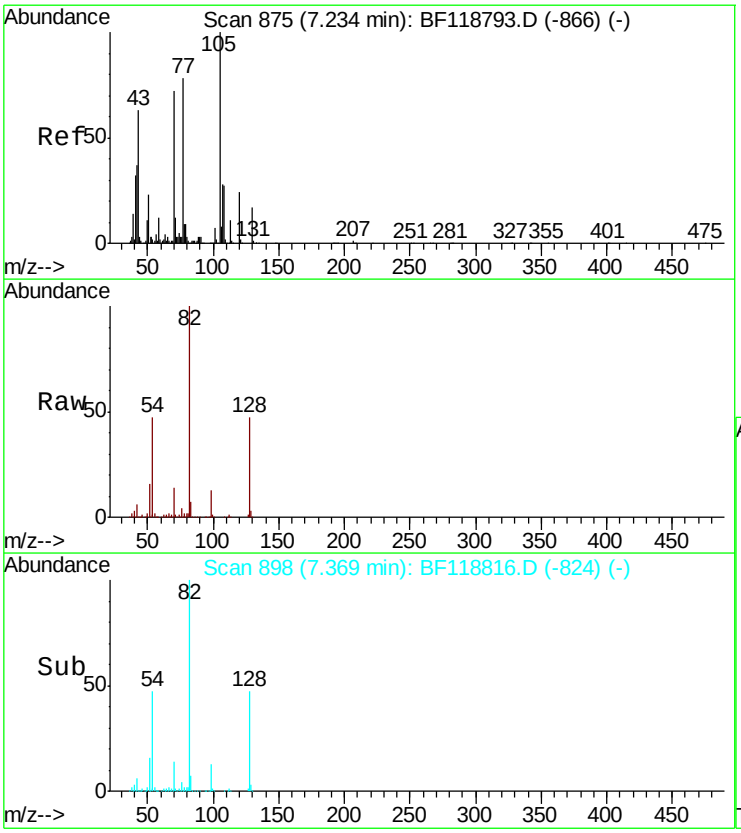
#7
Phenol-d6
Concen: 105.093 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1892060

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.0
71	36.8	29.0	43.6

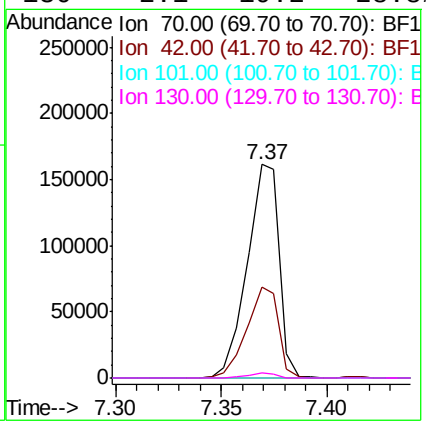


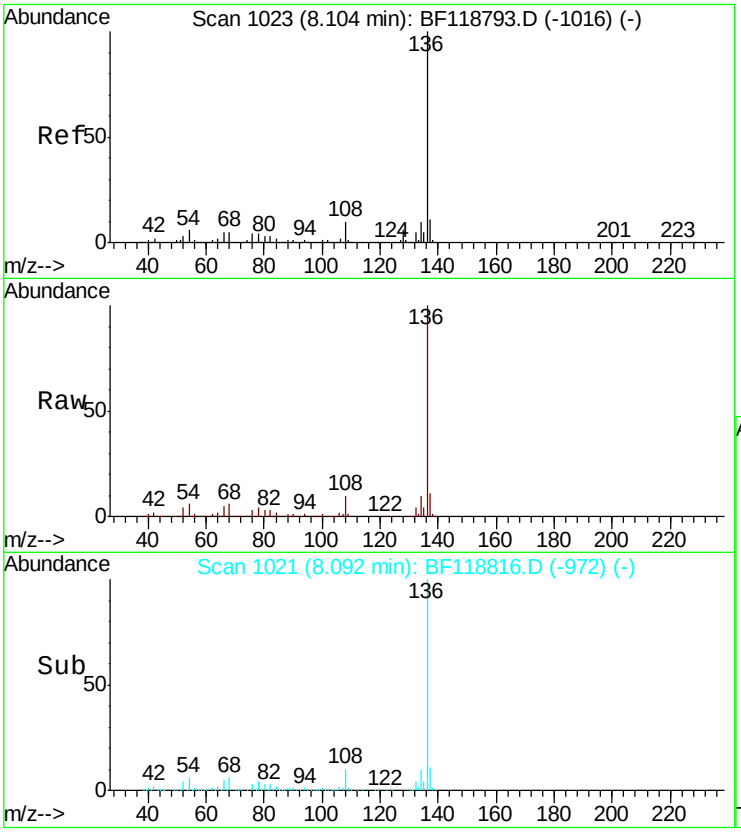


#19
n-Nitroso-di-n-propylamine
Concen: 15.409 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion: 70 Resp: 169745

Ion	Ratio	Lower	Upper
70	100		
42	42.3	41.5	62.3
101	0.0	8.3	12.5#
130	2.1	19.2	28.8#



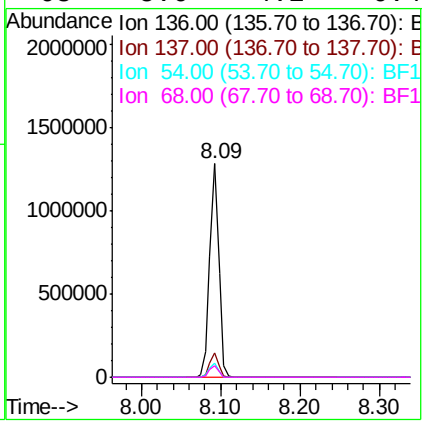


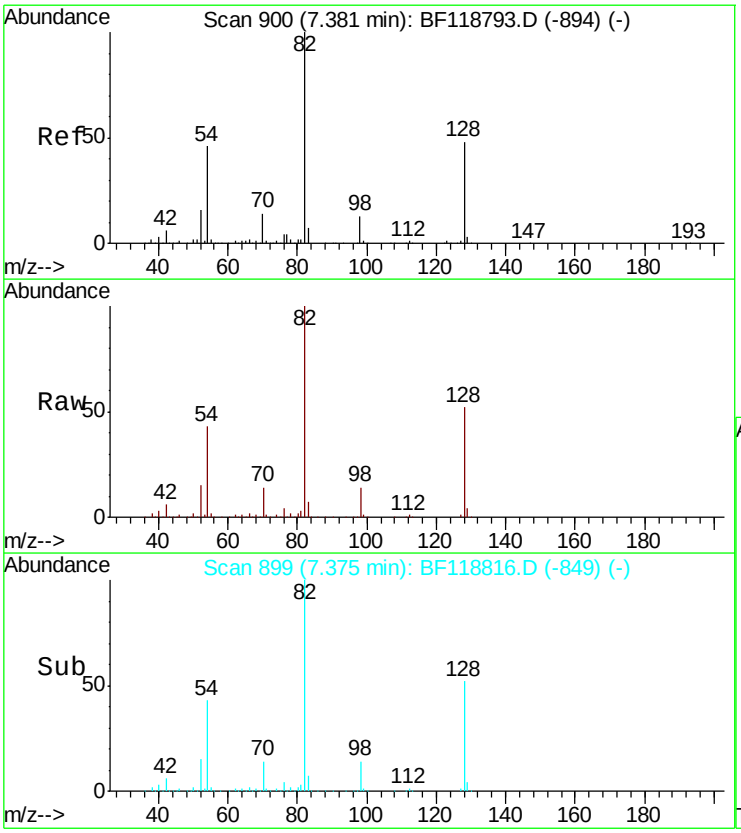
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 1020733

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	6.4	5.0	7.6
68	5.6	4.2	6.4

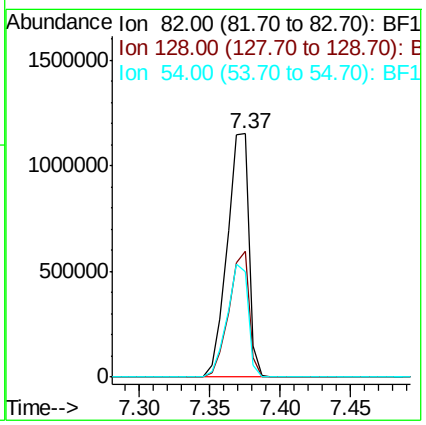


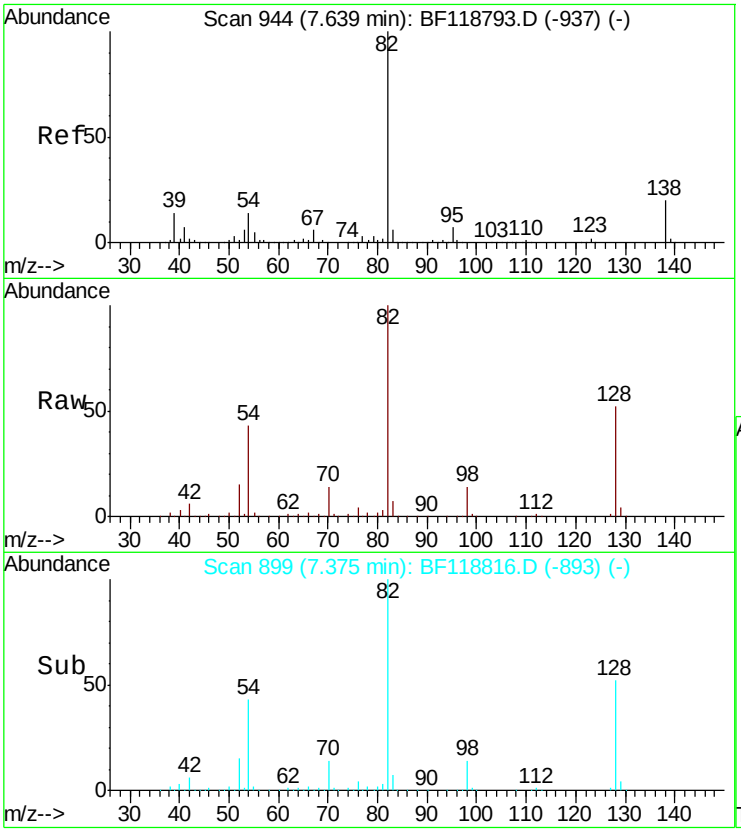


#23
Nitrobenzene-d5
Concen: 71.825 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion: 82 Resp: 1229996

Ion	Ratio	Lower	Upper
82	100		
128	51.6	38.5	57.7
54	43.3	36.7	55.1



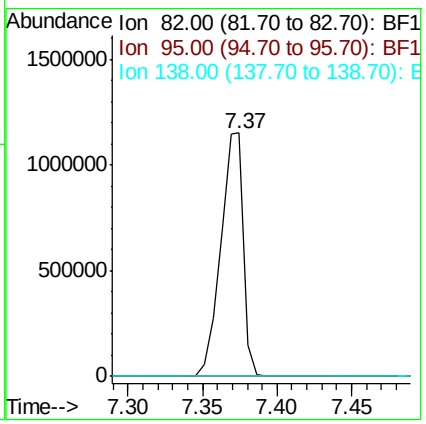


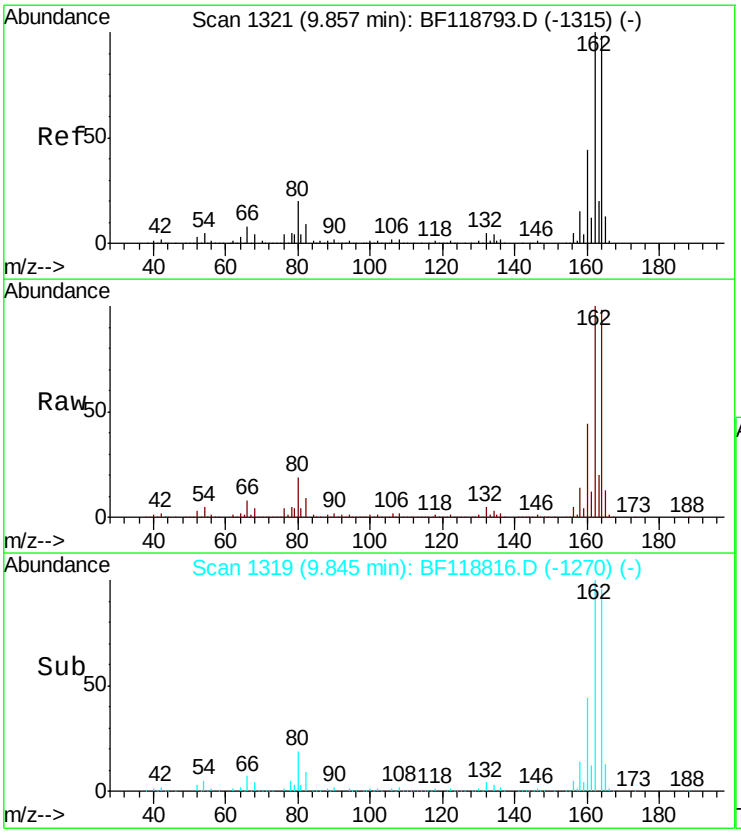
#25
Isophorone
Concen: 39.964 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 1229984

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	15.7	23.5#

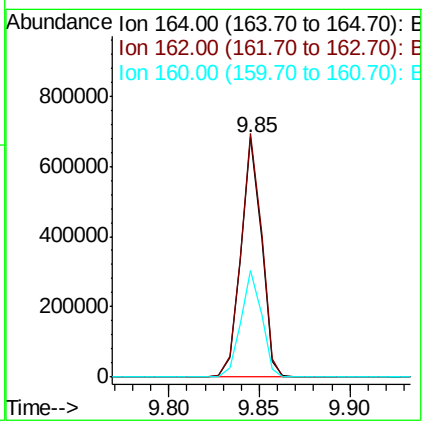


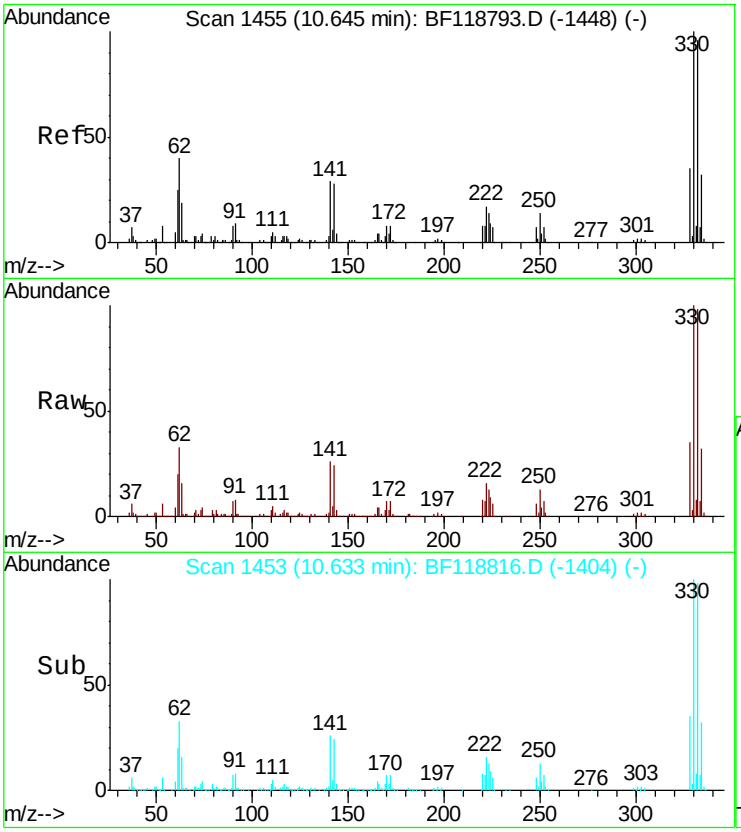


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion:164 Resp: 535836

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.2
160	44.7	35.6	53.4



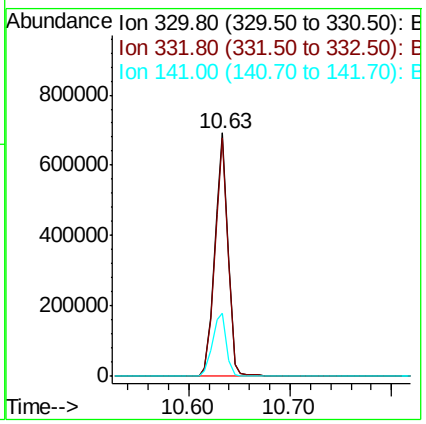


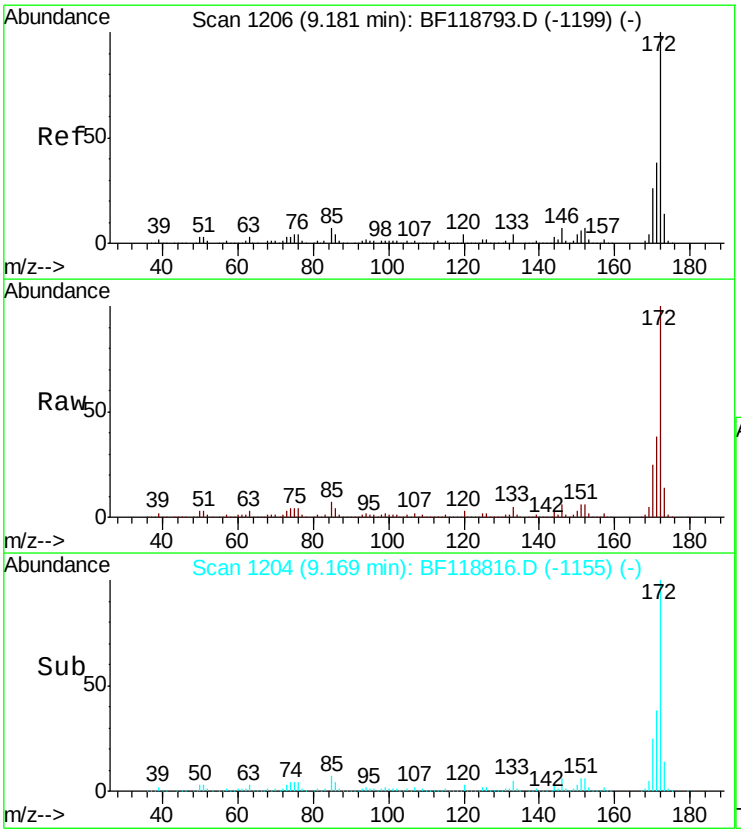
#42
2,4,6-Tribromophenol
Concen: 97.459 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 624851

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	28.2	22.4	33.6

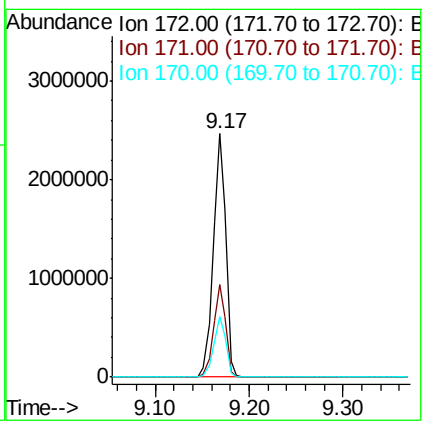


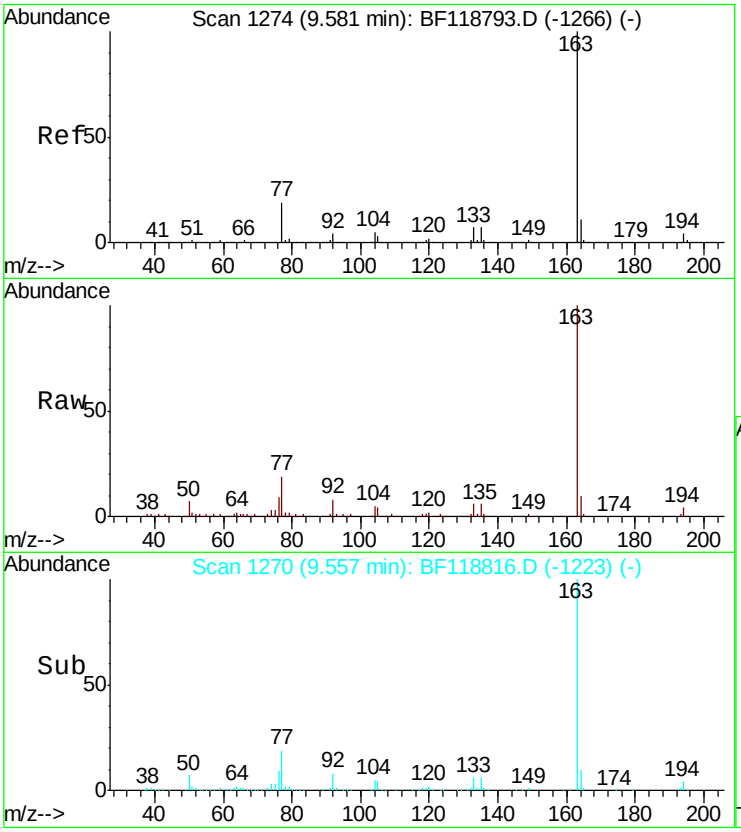


#45
2-Fluorobiphenyl
Concen: 77.597 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion:172 Resp: 2325846

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	25.1	20.5	30.7



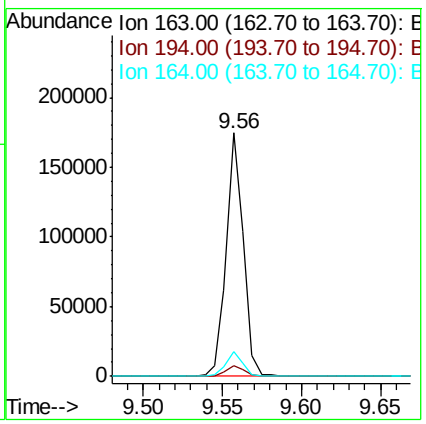


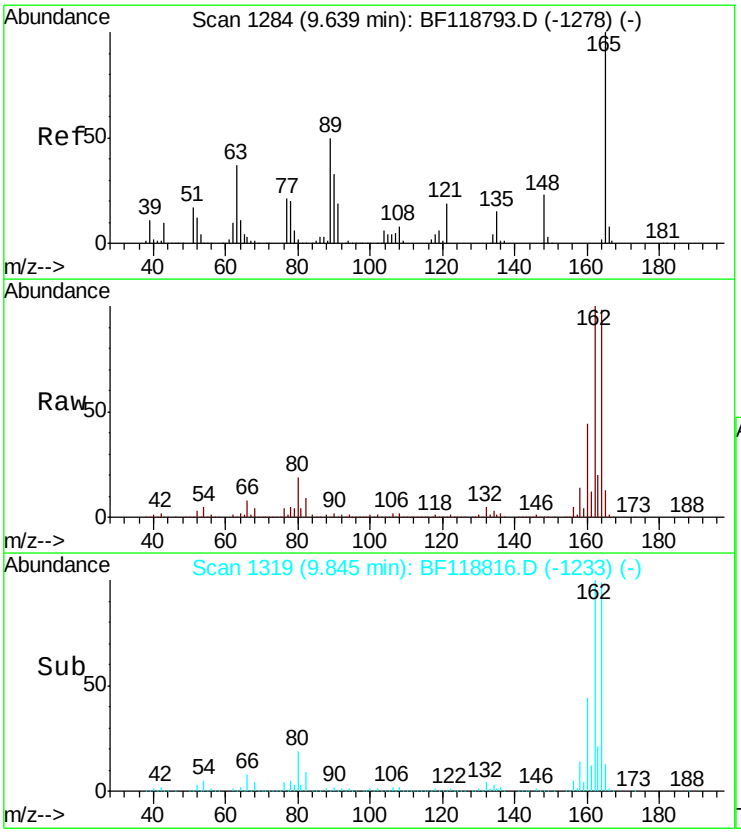
#50
Dimethylphthalate
Concen: 3.569 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 130233

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	9.9	8.7	13.1

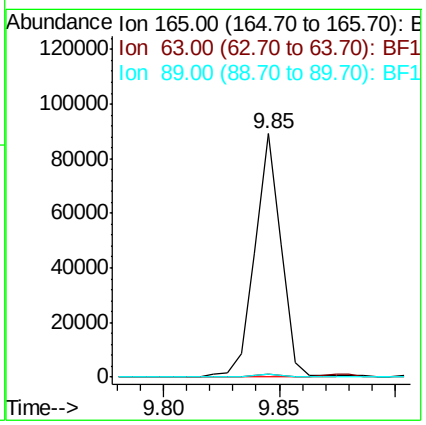


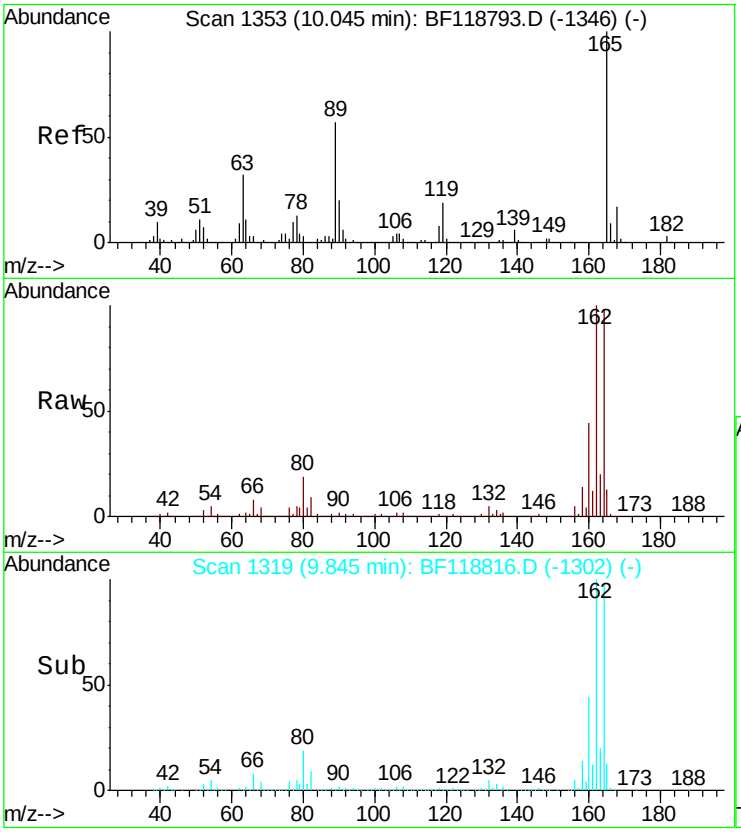


#51
2,6-Dinitrotoluene
Concen: 8.483 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion:165 Resp: 70815

Ion	Ratio	Lower	Upper
165	100		
63	1.1	37.4	56.0#
89	1.3	39.7	59.5#



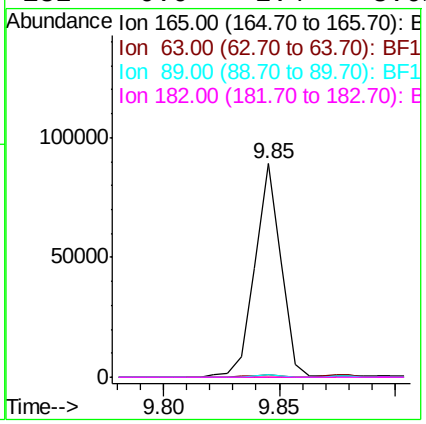


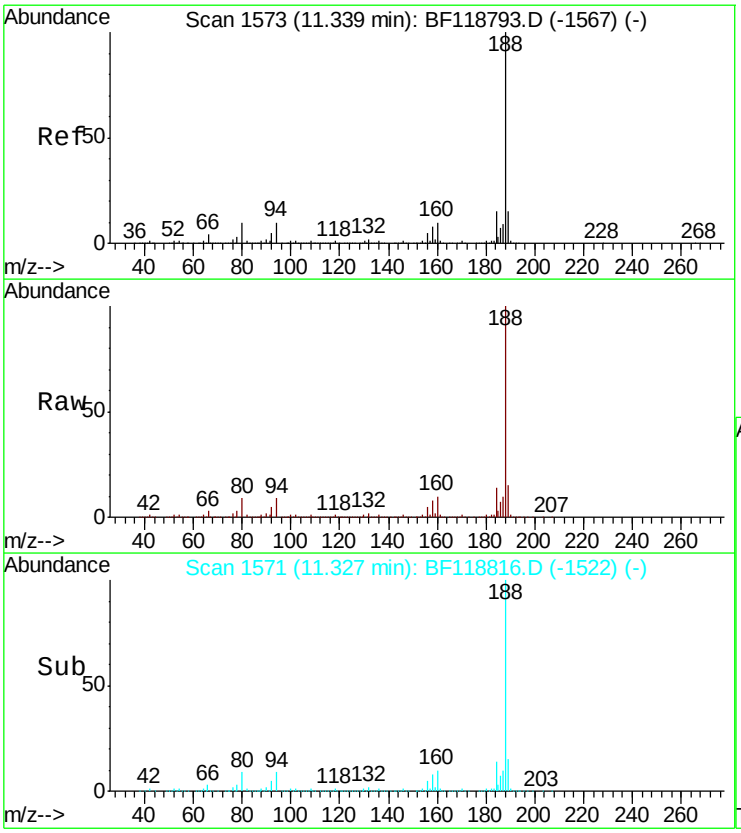
#57
2,4-Dinitrotoluene
Concen: 6.410 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 70815

Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.5	38.3#
89	1.3	45.4	68.0#
182	0.0	2.4	3.6#

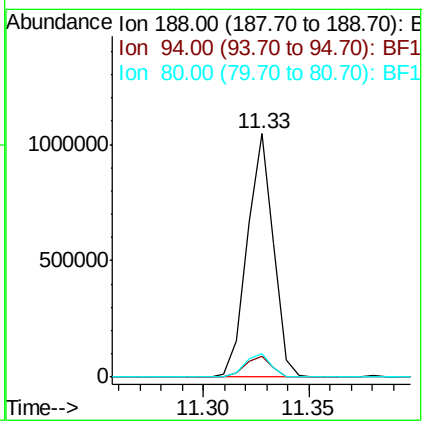


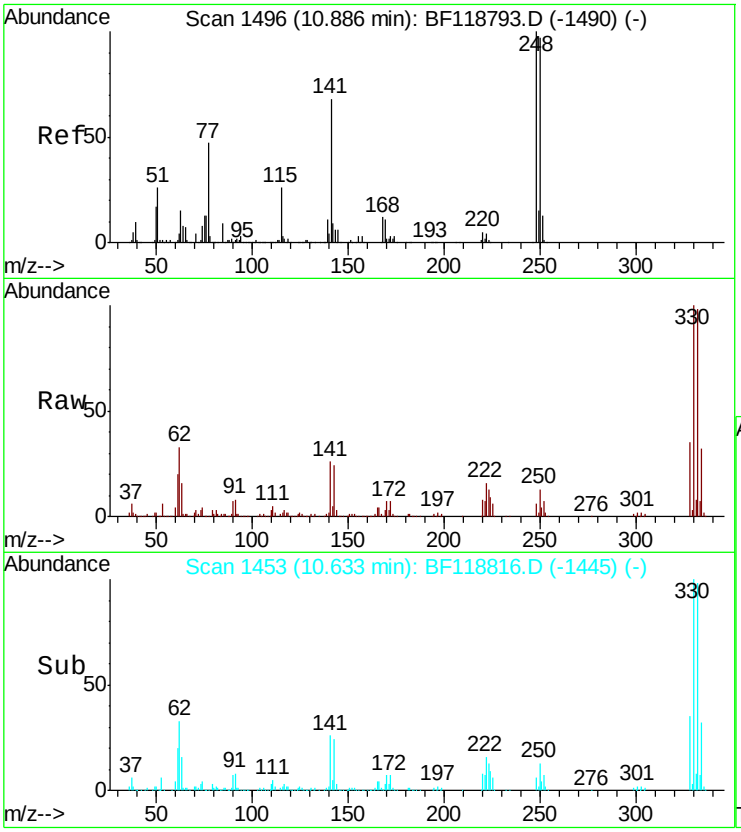


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion:188 Resp: 896389

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.9	11.9
80	9.5	8.4	12.6



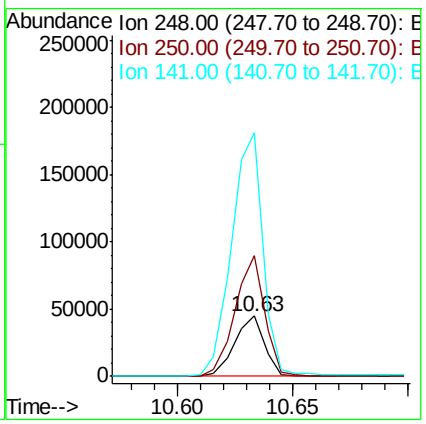


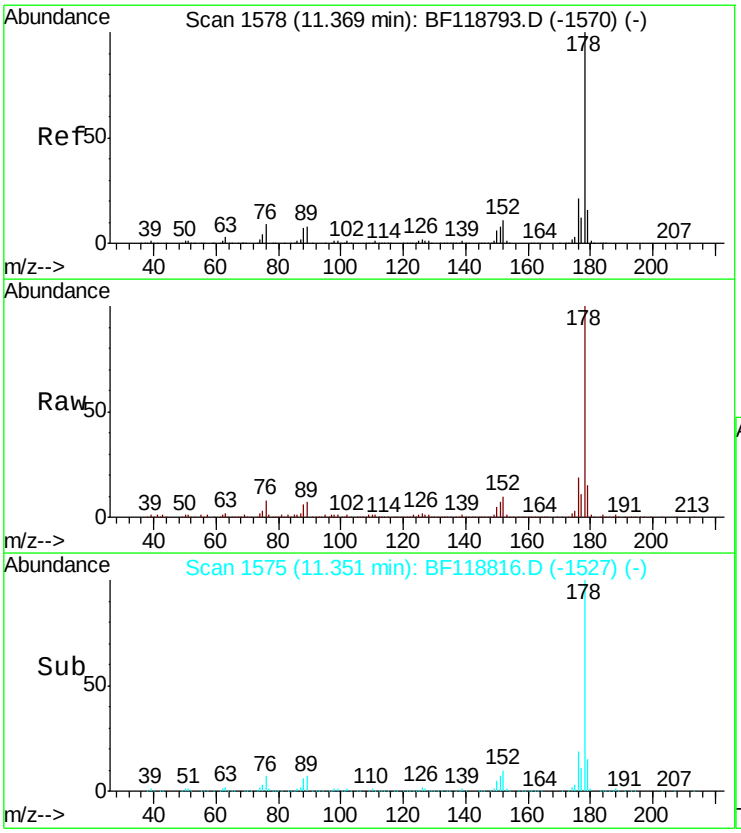
#67
4-Bromophenyl-phenylether
Concen: 3.825 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 40561

Ion	Ratio	Lower	Upper
248	100		
250	200.6	77.6	116.4#
141	404.6	54.4	81.6#

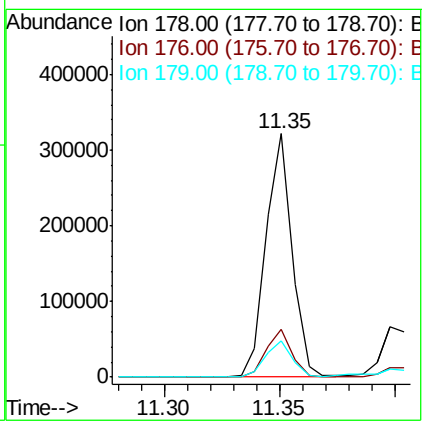


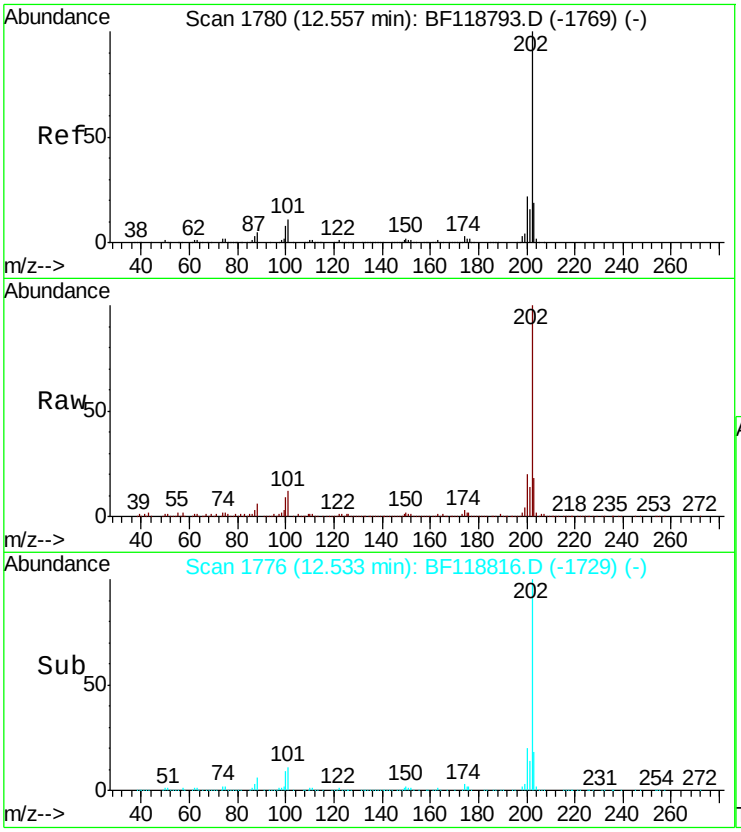


#71
Phenanthrene
Concen: 5.767 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion:178 Resp: 254360

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	24.8
179	15.1	13.2	19.8



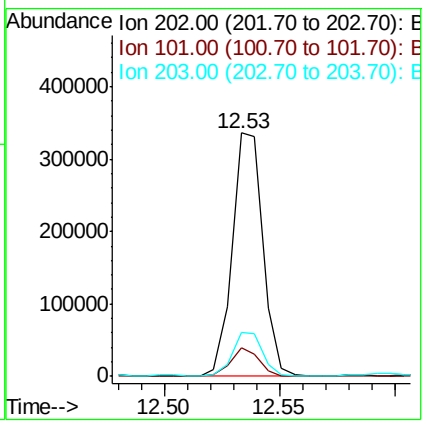


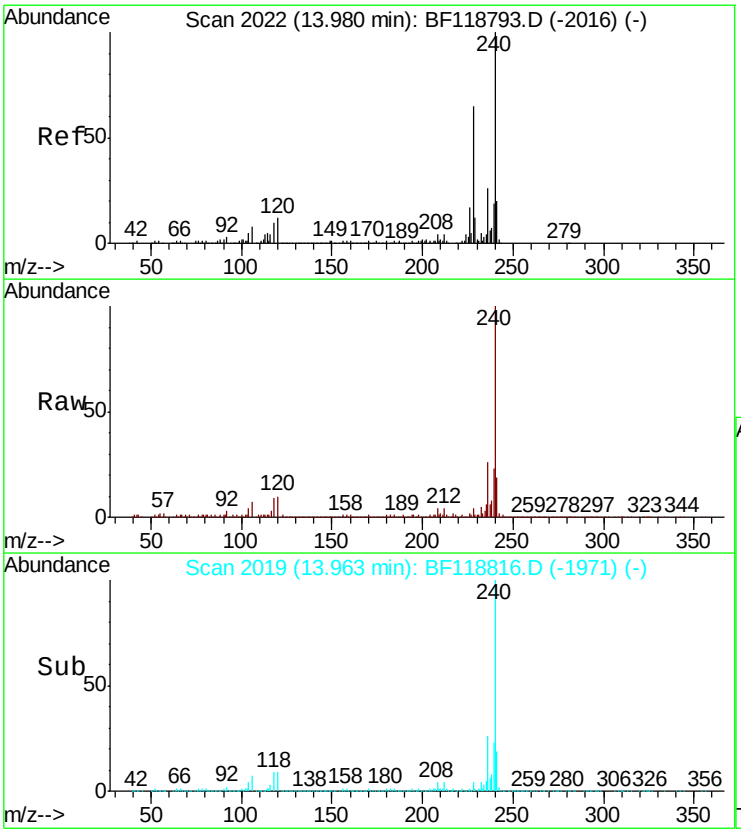
#75
Fluoranthene
Concen: 6.433 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 309783

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.0
203	17.9	0.0	38.7

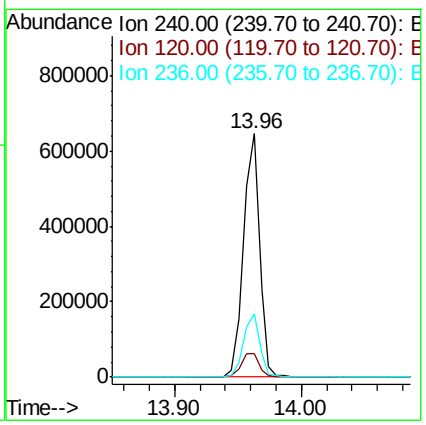


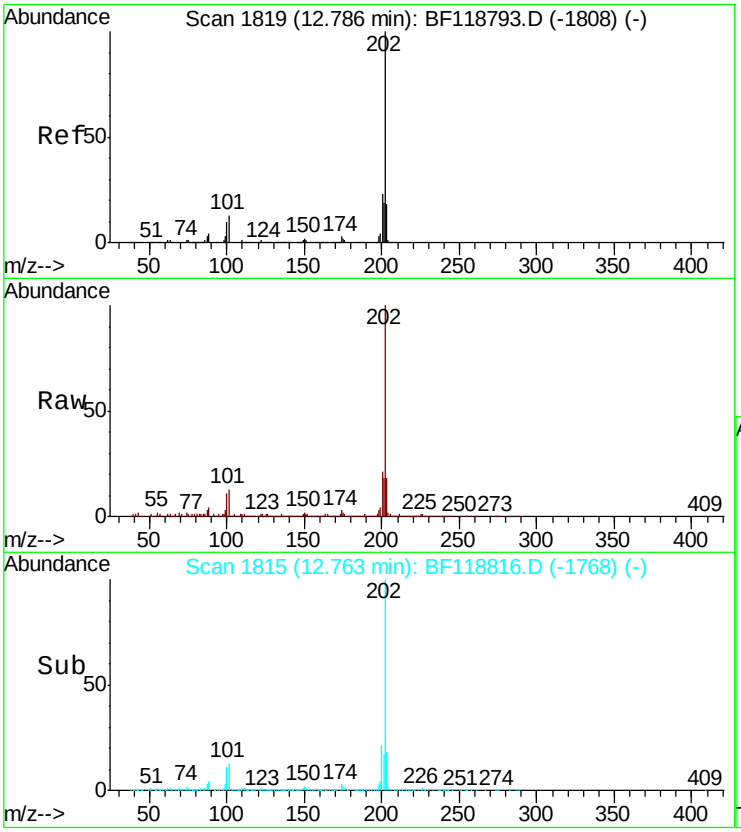


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion:240 Resp: 564598

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.4	14.0
236	25.9	21.0	31.6



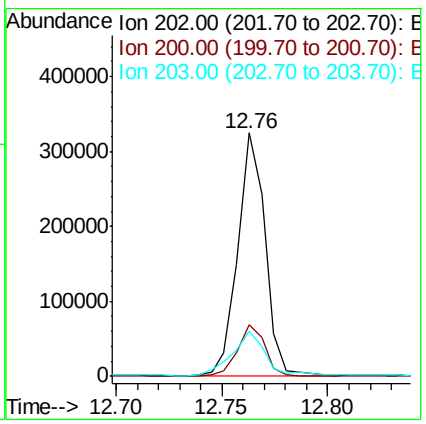


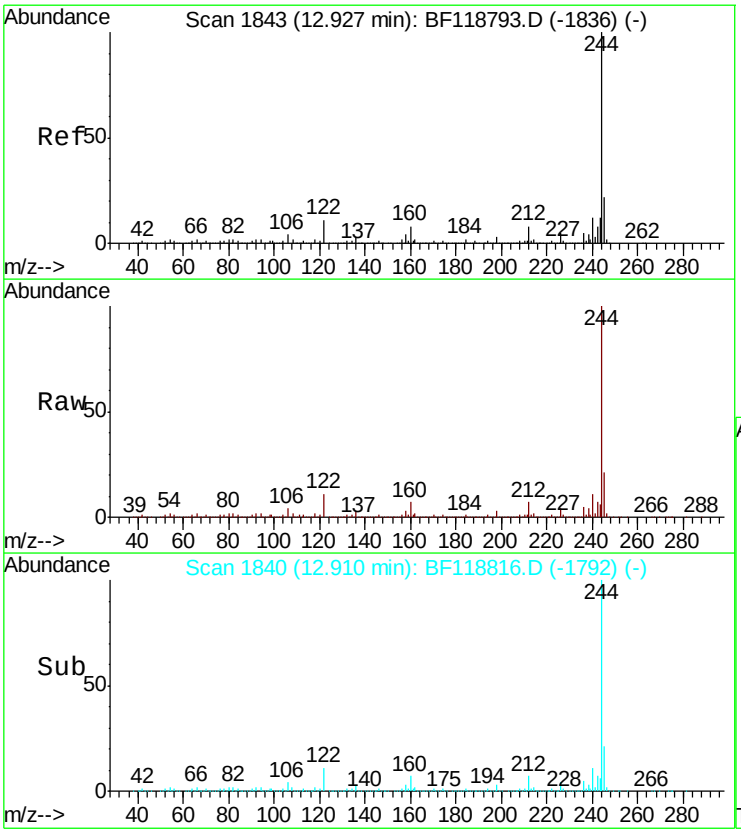
#78
Pyrene
Concen: 7.478 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 289626

Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.2	27.2
203	18.3	14.8	22.2

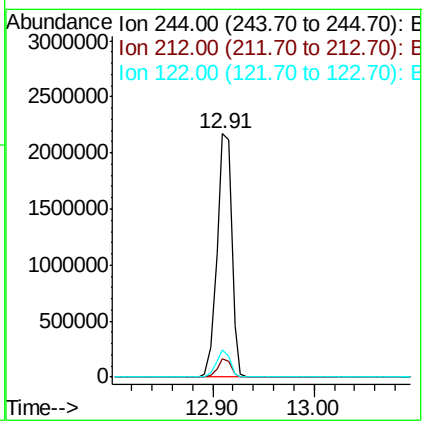


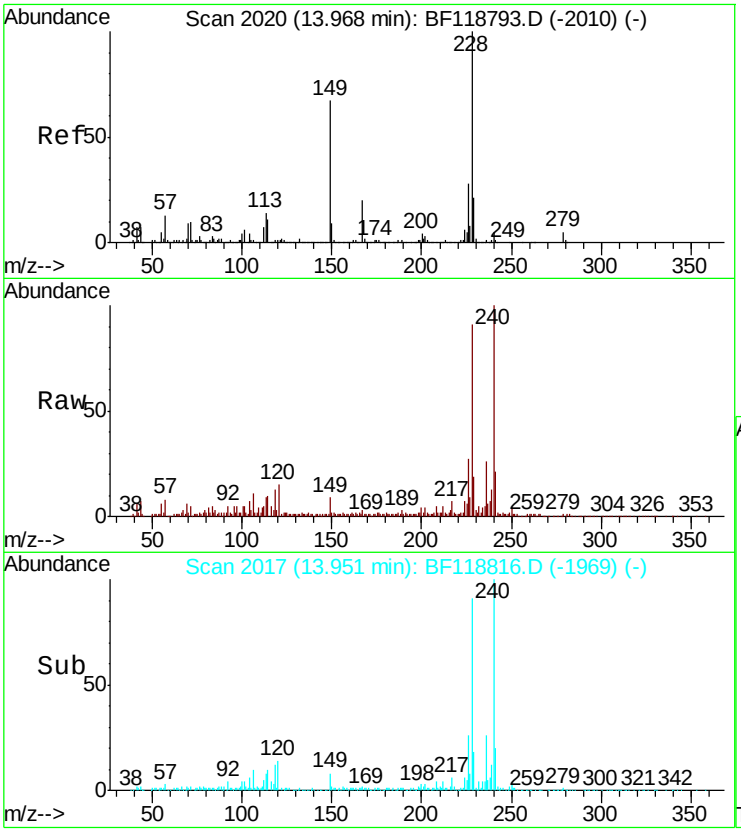


#79
Terphenyl-d14
Concen: 79.440 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion:244 Resp: 2183571

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	11.2	8.9	13.3



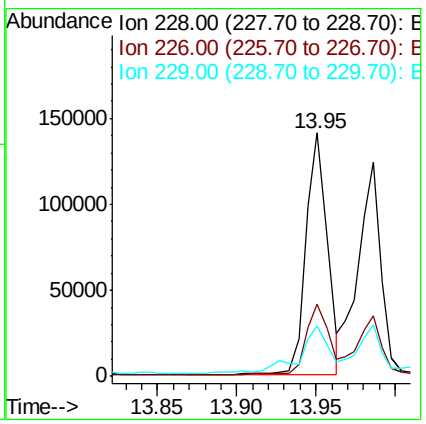


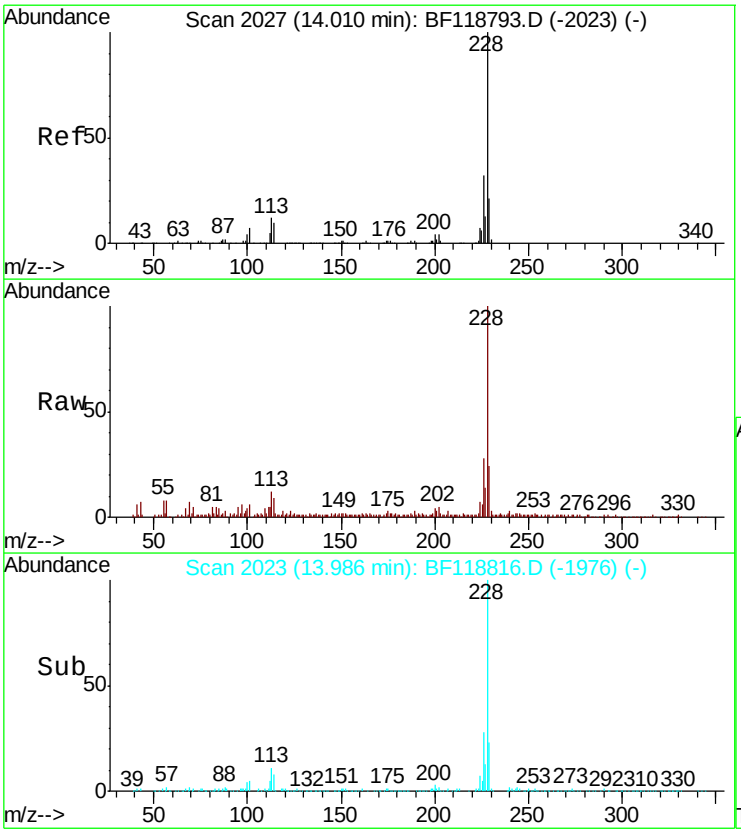
#81
Benzo(a)anthracene
Concen: 3.945 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 132533

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.7	34.1
229	20.6	16.6	25.0

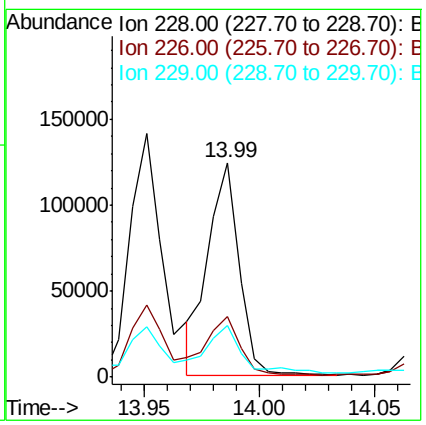


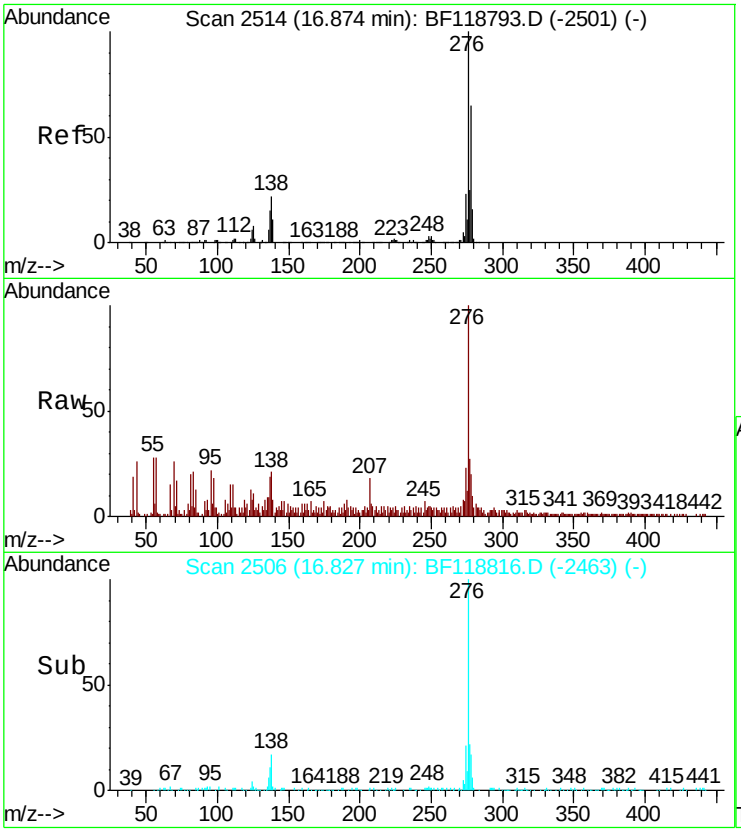


#83
Chrysene
Concen: 3.449 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion:228 Resp: 116312

Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.4	38.0
229	23.9	16.9	25.3



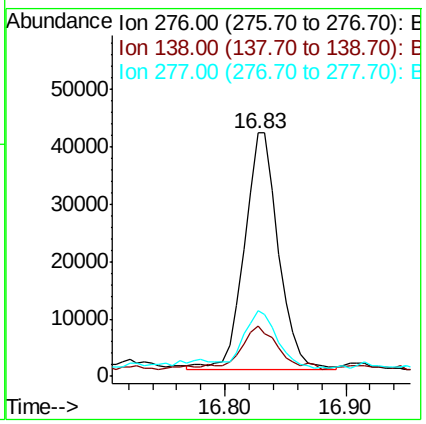


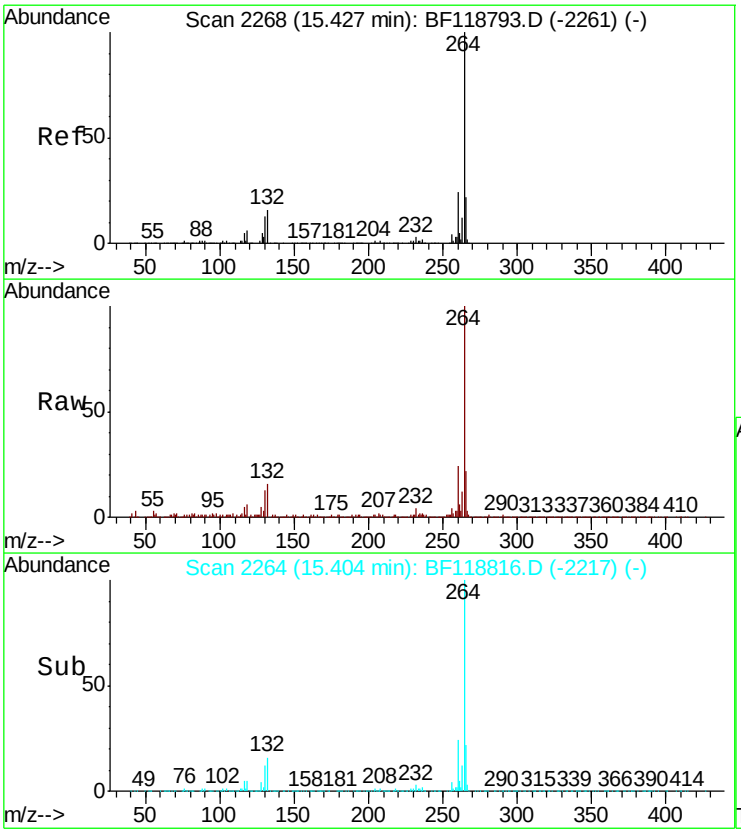
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.417 ng
RT: 16.83 min Scan# 2506
Delta R.T. -0.05 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 81879

Ion	Ratio	Lower	Upper
276	100		
138	18.9	18.3	27.5
277	23.5	20.2	30.4

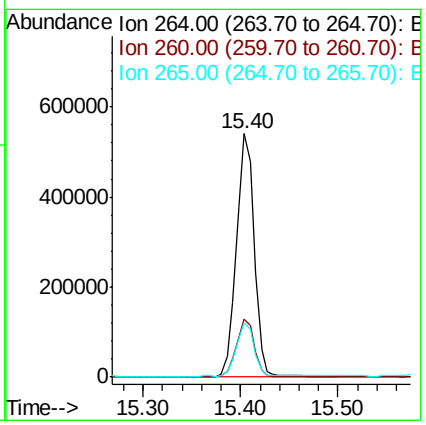


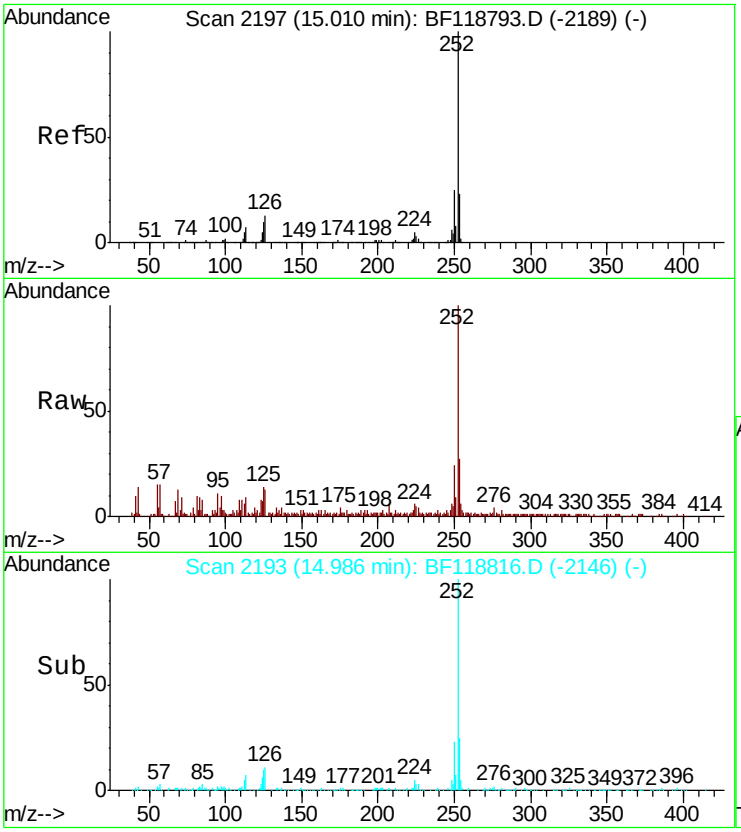


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion:264 Resp: 683787

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.4	17.2	25.8



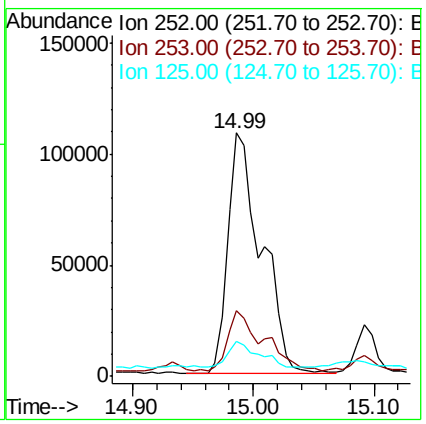


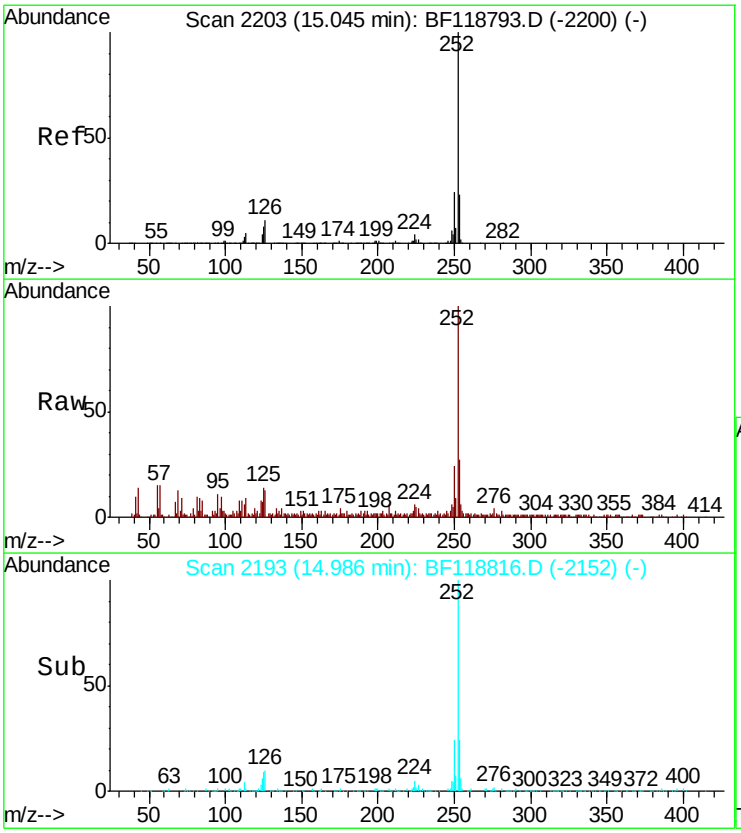
#88
Benzo(b)fluoranthene
Concen: 4.943 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 209736

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.4	27.6
125	14.2	8.1	12.1#

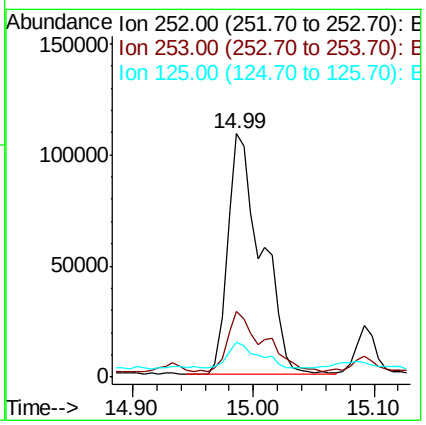


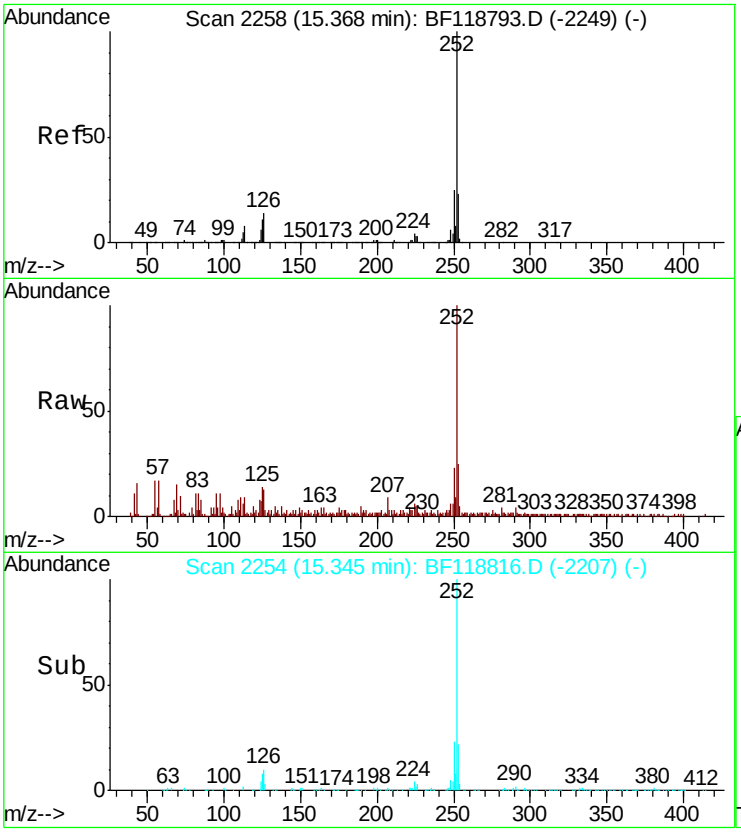


#89
Benzo(k)fluoranthene
Concen: 5.676 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion:252 Resp: 209736

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.2	27.4
125	14.2	7.0	10.6#



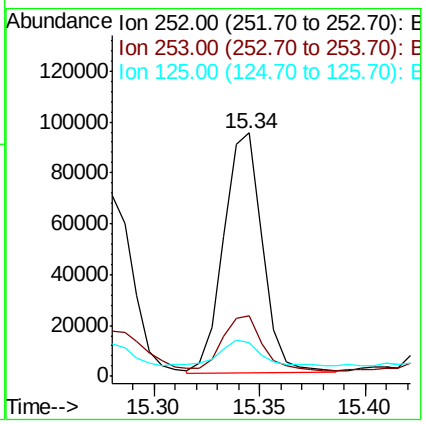


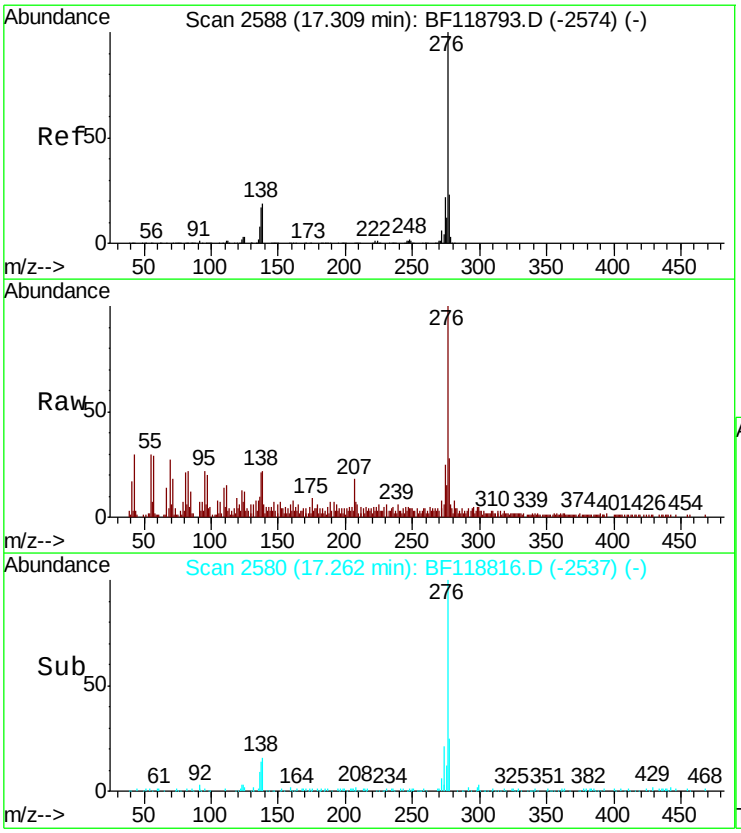
#90
Benzo(a)pyrene
Concen: 3.294 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 119605

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	13.7	8.7	13.1#





#92
Benzo(g,h,i)perylene
Concen: 2.583 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.05 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion:276 Resp: 80086

Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.7	28.1
138	21.6	15.4	23.2