Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118983.D
Acq On : 21 Feb 2020 2:56
Operator : CG/JU
Sample : L1551-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 21 03:29:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	163432	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	565630	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	255108	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	392864	20.00	ng		0.00
76) Chrysene-d12	13.91	240	409971	20.00	ng		0.00
87) Perylene-d12	15.34	264	377934	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	109544	11.20	ng		0.00
7) Phenol-d6	6.40	99	411098	34.56	ng		0.00
23) Nitrobenzene-d5	7.32	82	305819	28.55	ng		-0.01
42) 2,4,6-Tribromophenol	10.58	330	7562	2.27	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	577065	33.32	ng		0.00
79) Terphenyl-d14	12.85	244	570766	23.97	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.32	70	40994	5.915	ng	#	77
25) Isophorone	7.32	82	305813	16.437	ng	#	63
51) 2,6-Dinitrotoluene	9.79	165	33997	7.844	ng	#	30
57) 2,4-Dinitrotoluene	9.79	165	33997	6.052	ng	#	29
71) Phenanthrene	11.30	178	110187	5.143	ng		98
75) Fluoranthene	12.48	202	200460	8.815	ng		100
78) Pyrene	12.71	202	188912	5.738	ng		99
81) Benzo(a)anthracene	13.90	228	100321	3.591	ng		95
83) Chrysene	13.90	228	100321	3.604	ng		98
88) Benzo(b)fluoranthene	14.93	252	139879	5.615	ng	#	86
89) Benzo(k)fluoranthene	14.93	252	139879	6.059	ng	#	85
90) Benzo(a)pyrene	15.28	252	69886	3.108	ng	#	82

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118983.D
Acq On : 21 Feb 2020 2:56
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
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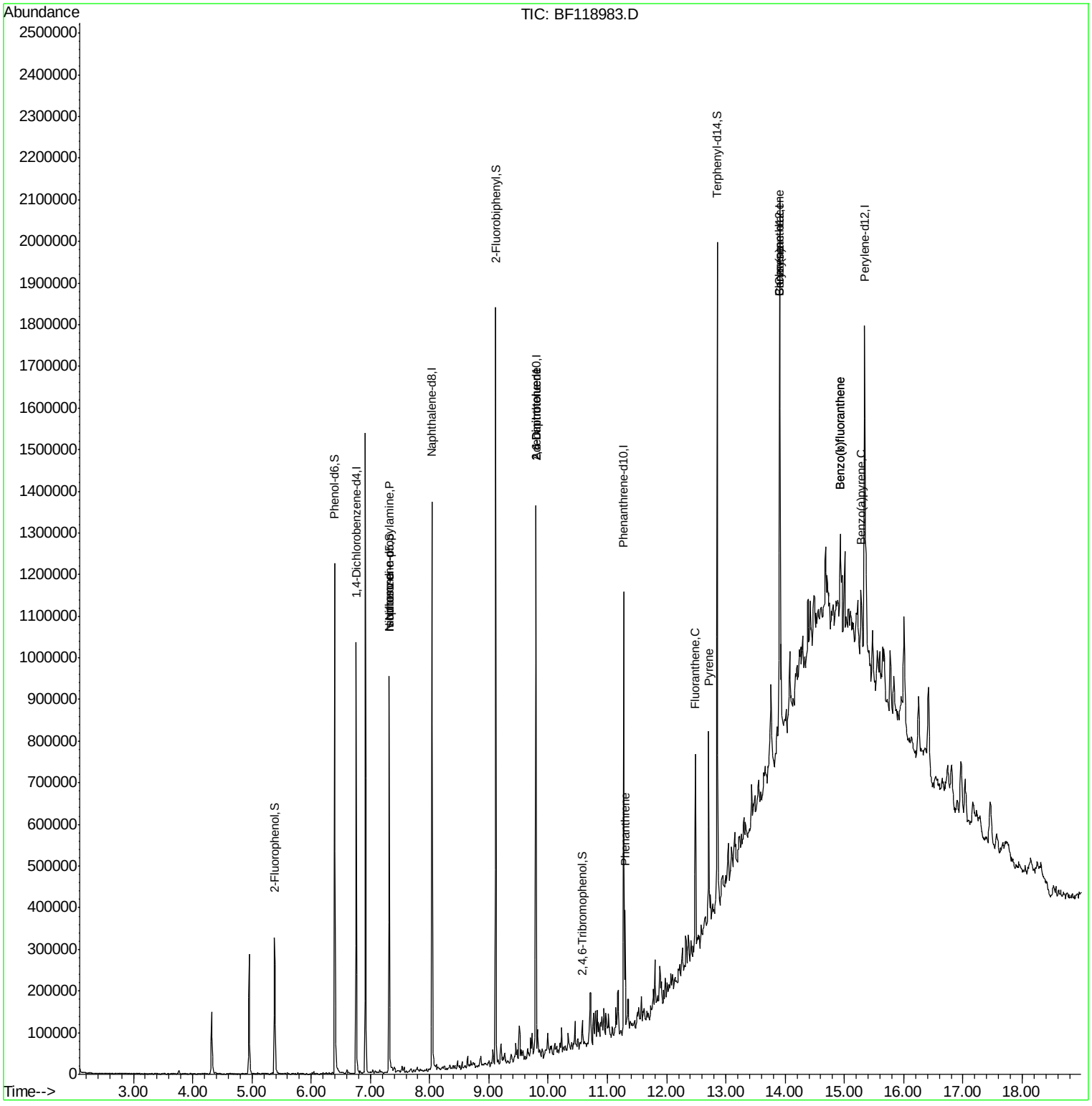
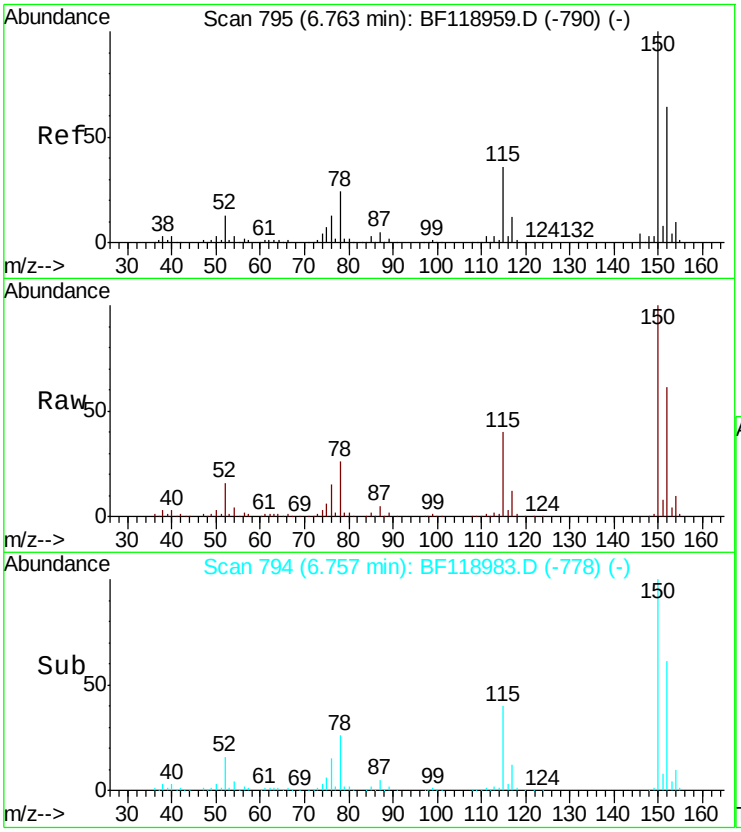


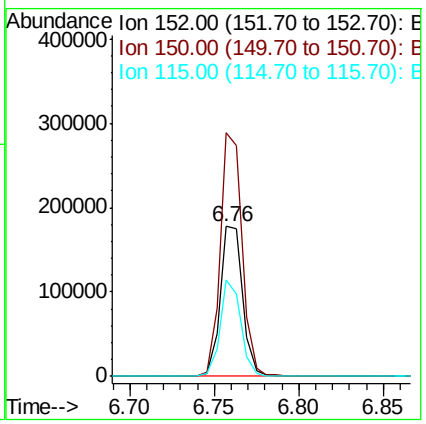


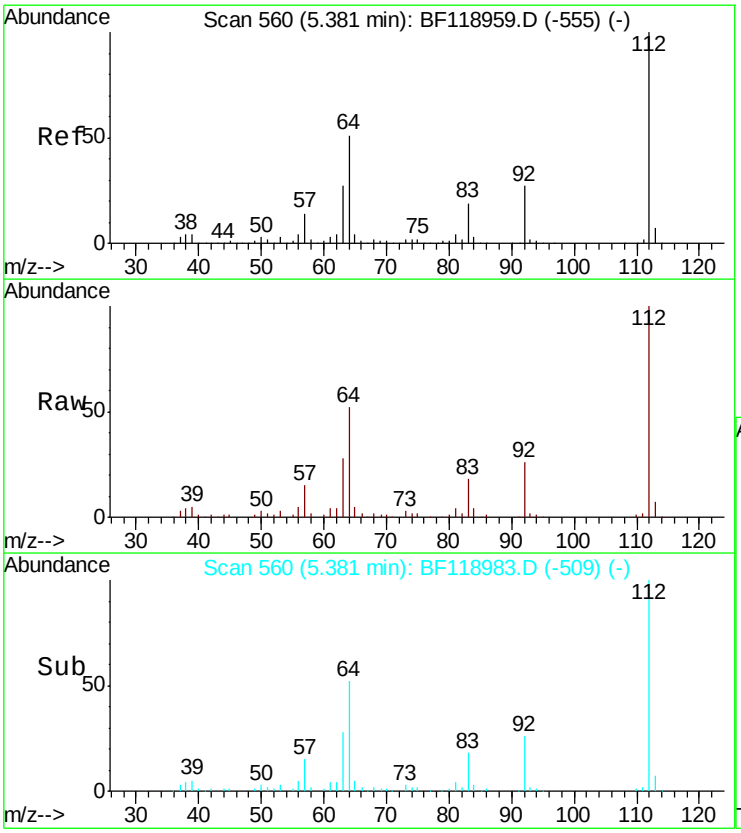
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 163432

Ion	Ratio	Lower	Upper
152	100		
150	162.8	124.3	186.5
115	64.4	44.6	67.0

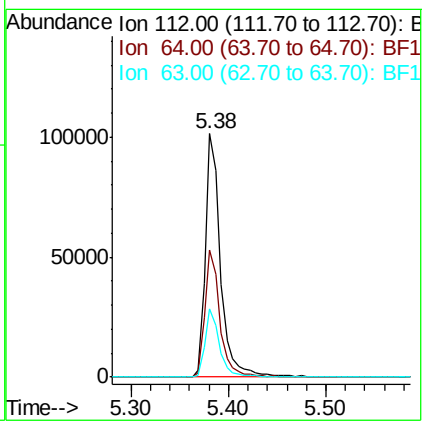


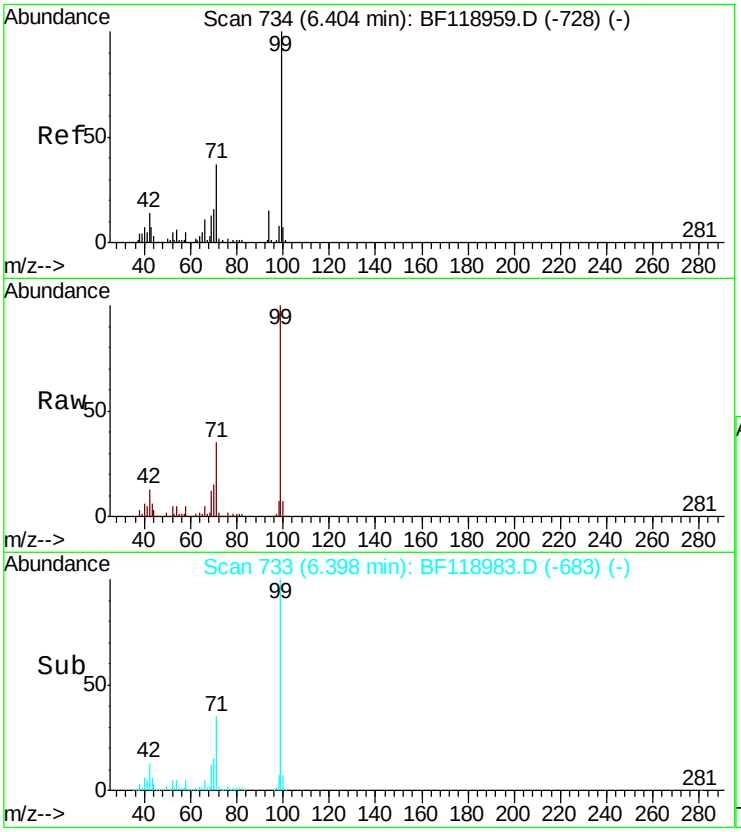


#5
2-Fluorophenol
Concen: 11.201 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Tgt Ion:112 Resp: 109544

Ion	Ratio	Lower	Upper
112	100		
64	52.2	40.4	60.6
63	27.9	21.3	31.9



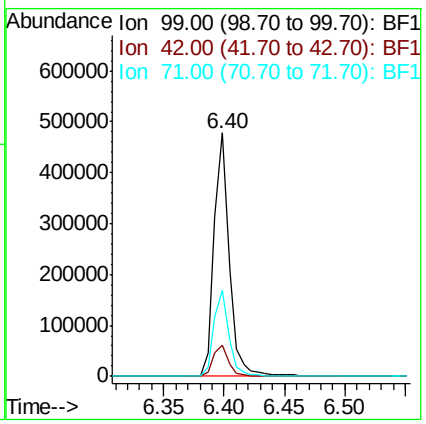


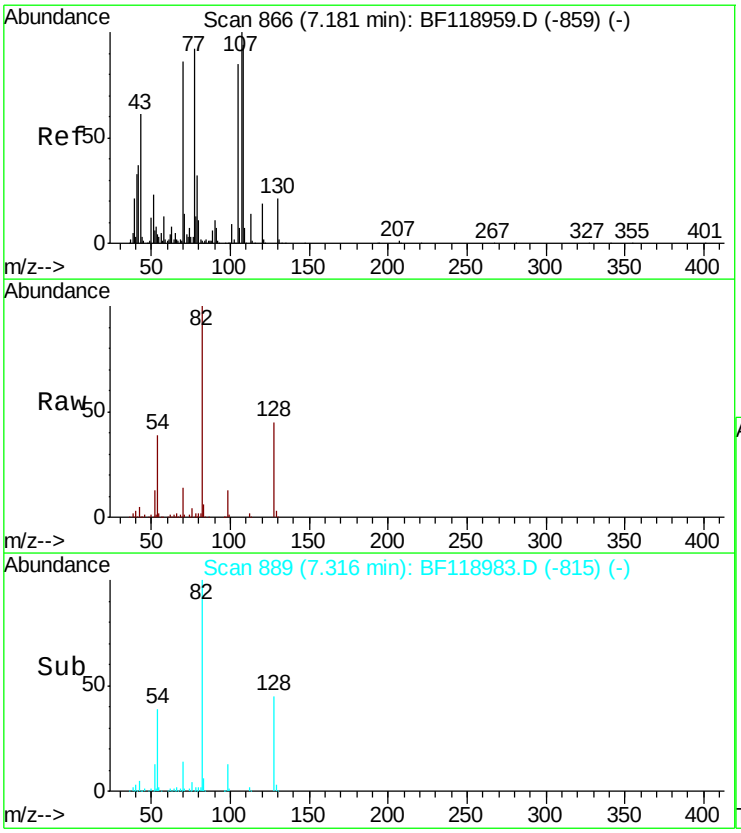
#7
Phenol-d6
Concen: 34.565 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 411098

Ion	Ratio	Lower	Upper
99	100		
42	13.0	11.4	17.0
71	35.3	29.8	44.6

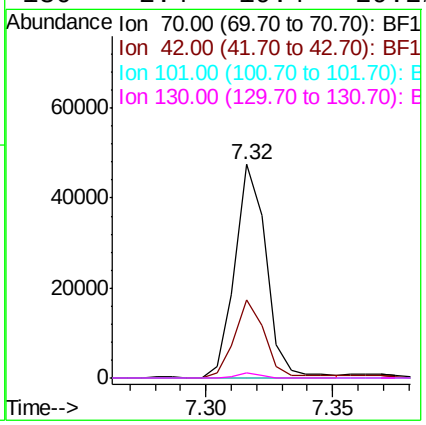


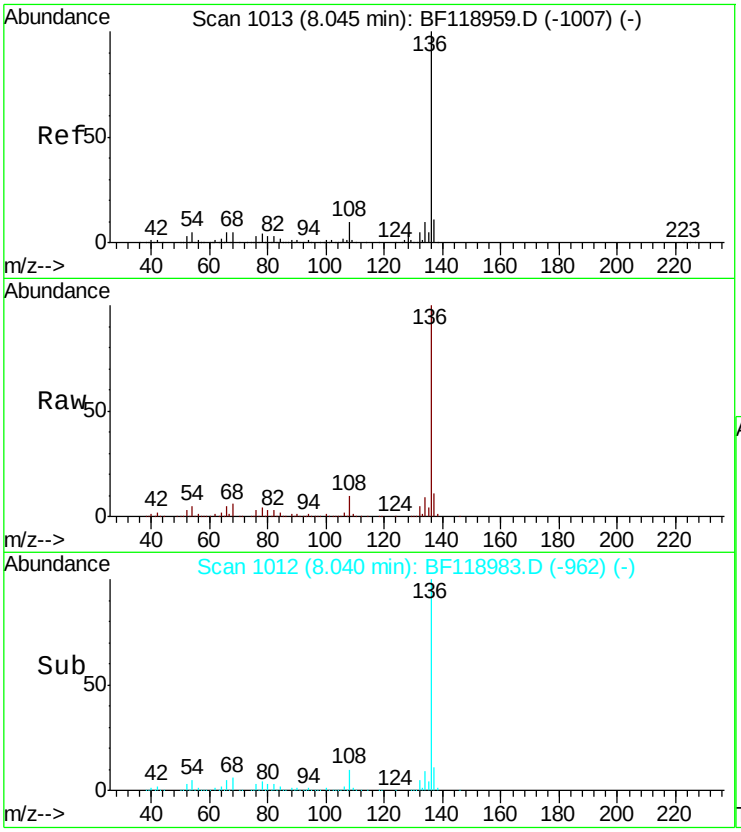


#19
n-Nitroso-di-n-propylamine
Concen: 5.915 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Tgt Ion: 70 Resp: 40994

Ion	Ratio	Lower	Upper
70	100		
42	36.3	34.6	51.8
101	0.0	8.1	12.1#
130	2.4	19.4	29.2#



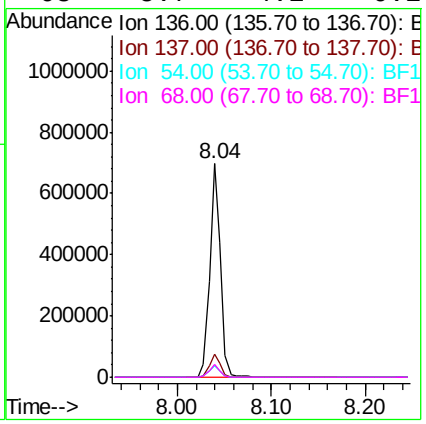


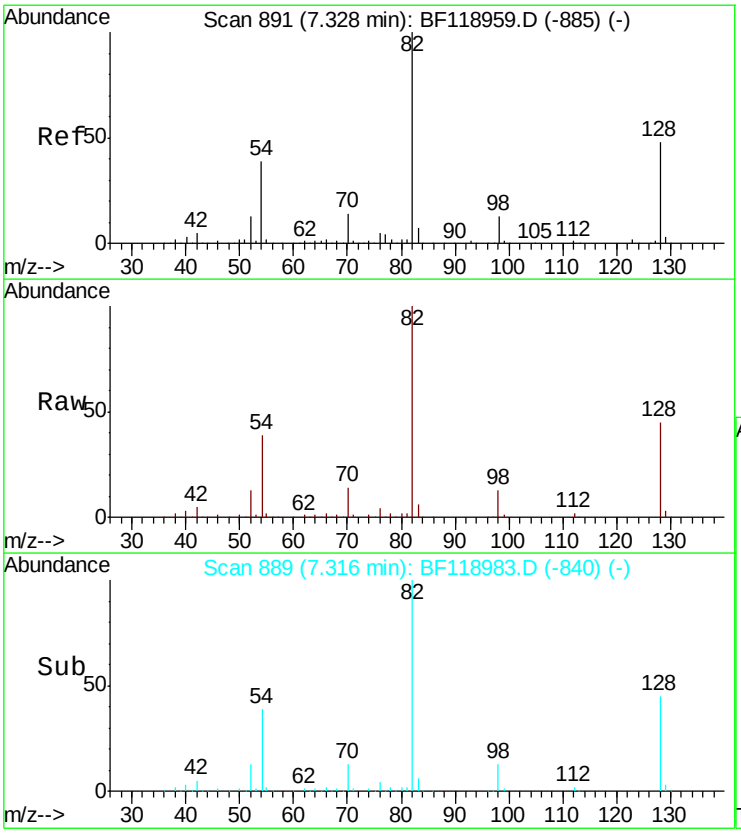
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 565630

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.1	3.8	5.6
68	5.7	4.2	6.2

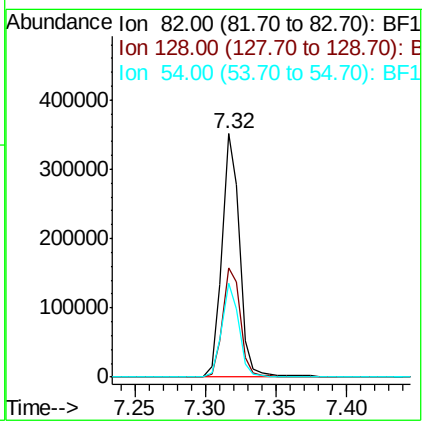


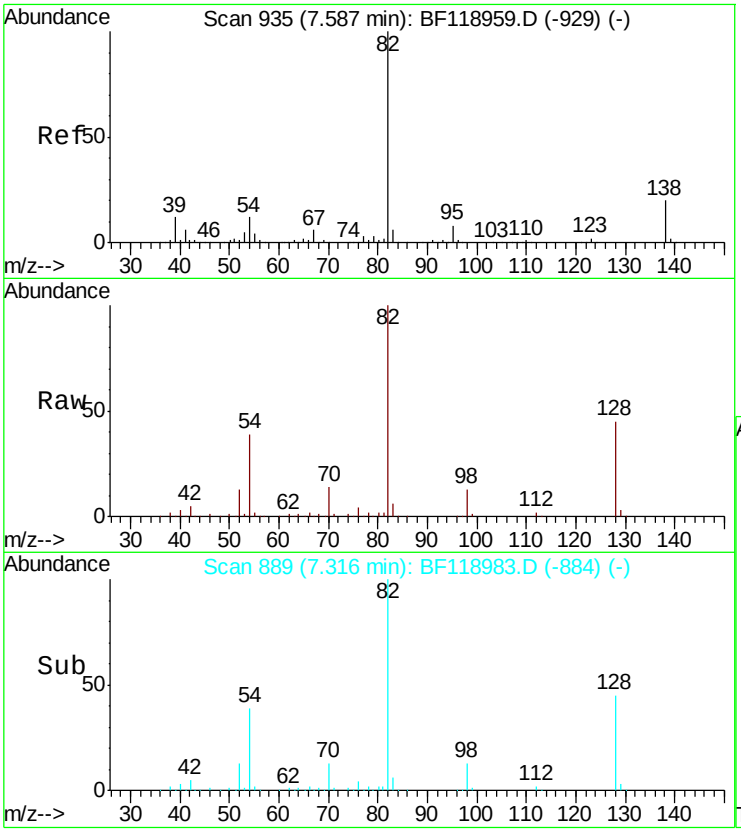


#23
Nitrobenzene-d5
Concen: 28.547 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Tgt Ion: 82 Resp: 305819

Ion	Ratio	Lower	Upper
82	100		
128	44.7	38.2	57.2
54	38.6	31.3	46.9



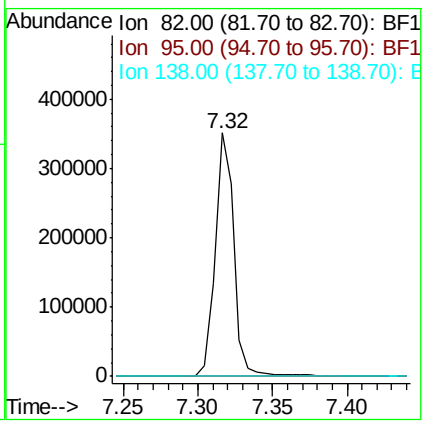


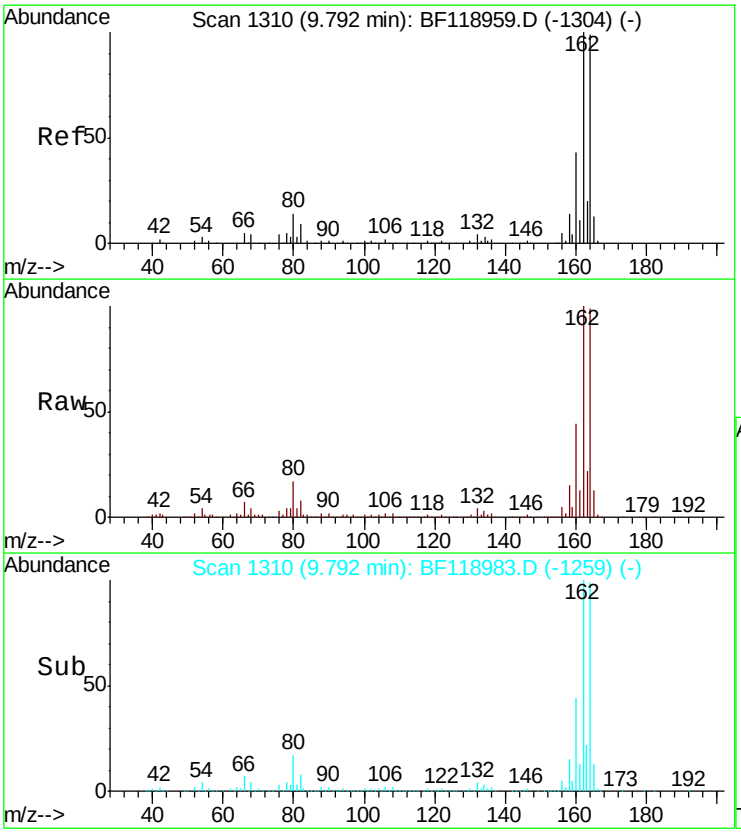
#25
Isophorone
Concen: 16.437 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 305813

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	15.8	23.6#

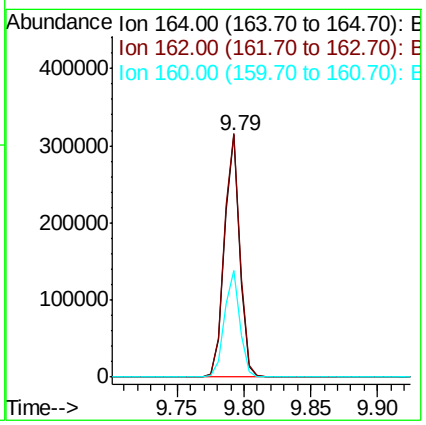


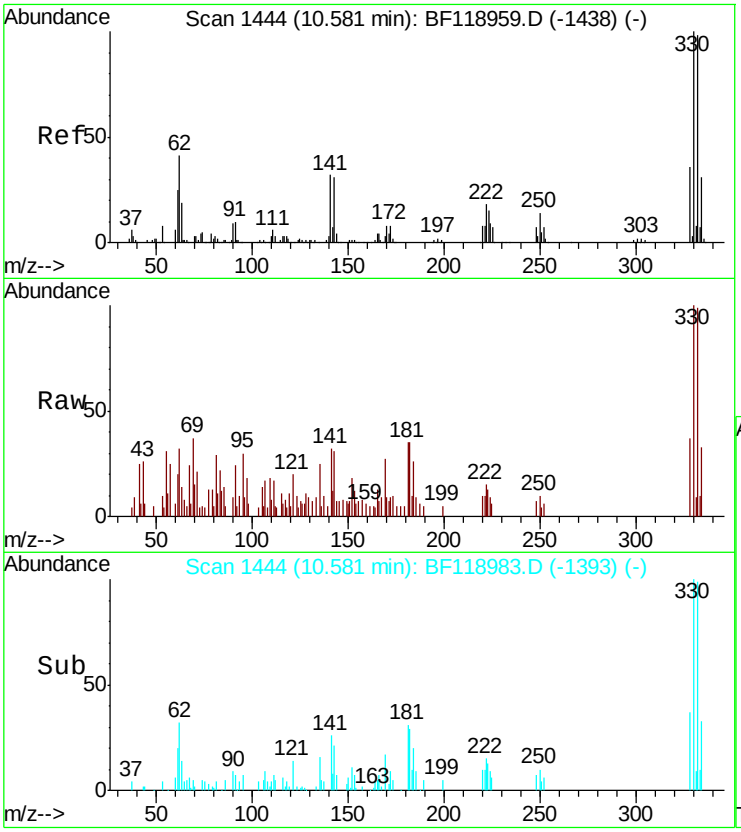


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Tgt Ion:164 Resp: 255108

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.2	121.8
160	44.0	35.2	52.8



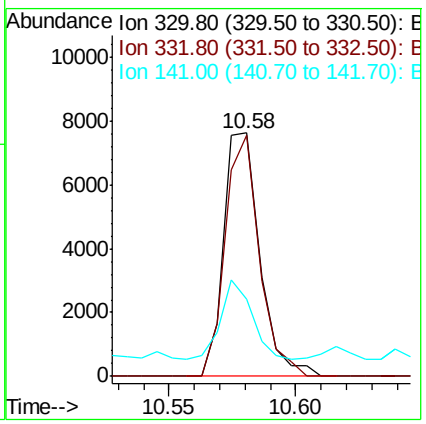


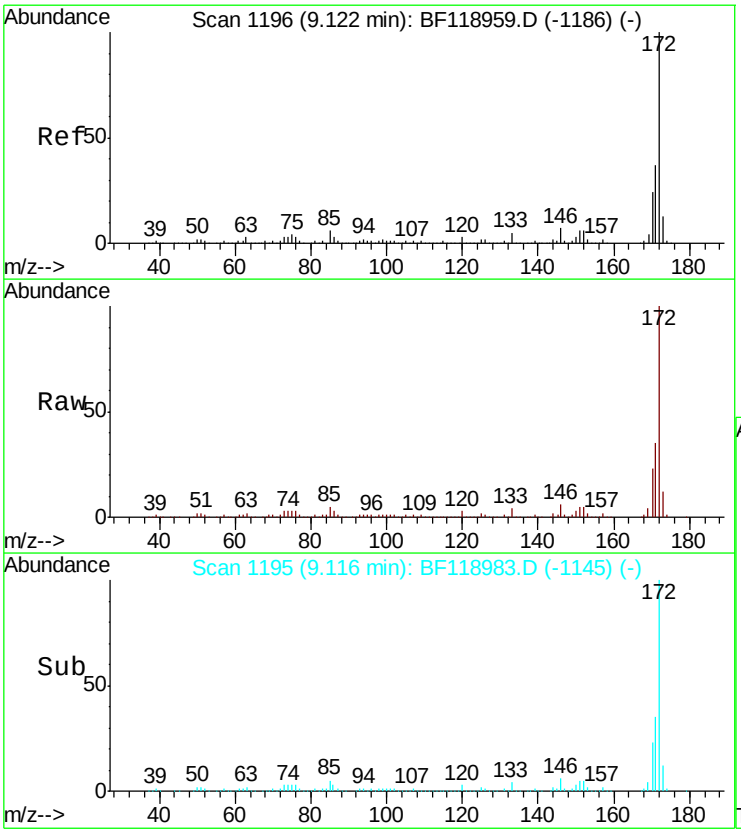
#42
2,4,6-Tribromophenol
Concen: 2.266 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 7562

Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.1	115.7
141	28.7	23.0	34.6

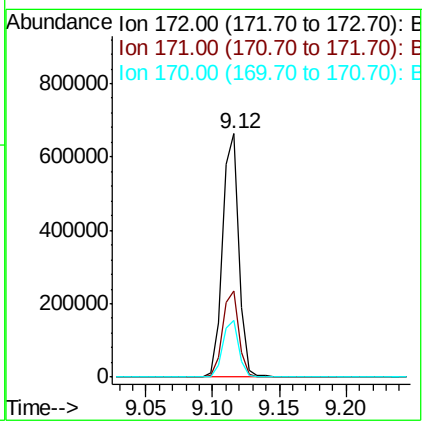


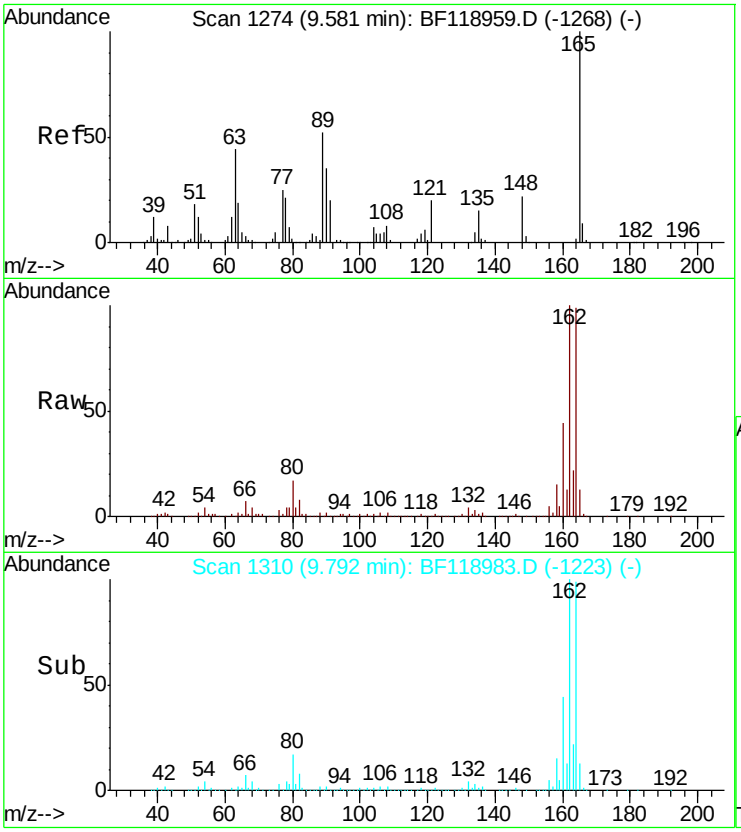


#45
2-Fluorobiphenyl
Concen: 33.324 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Tgt Ion:172 Resp: 577065

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.2
170	23.2	19.6	29.4



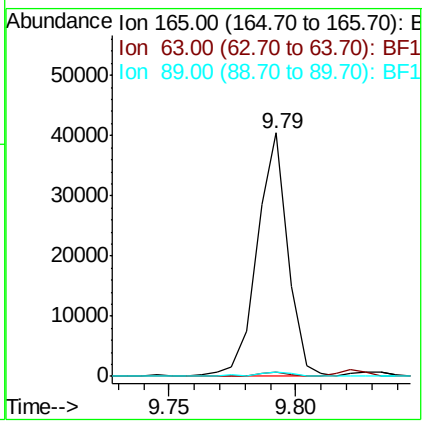


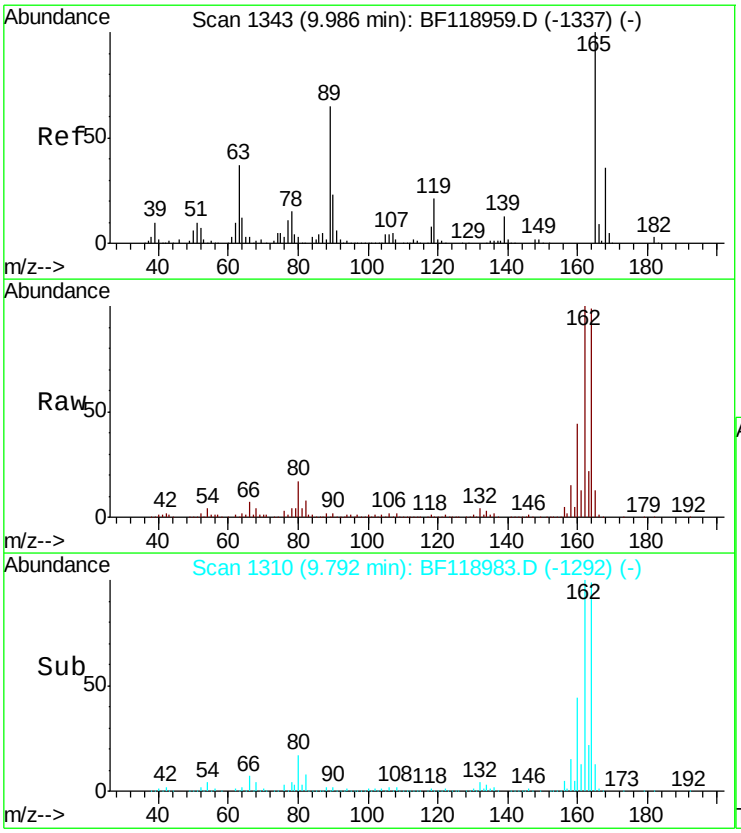
#51
2,6-Dinitrotoluene
Concen: 7.844 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33997

Ion	Ratio	Lower	Upper
165	100		
63	1.8	37.9	56.9#
89	1.5	41.4	62.0#

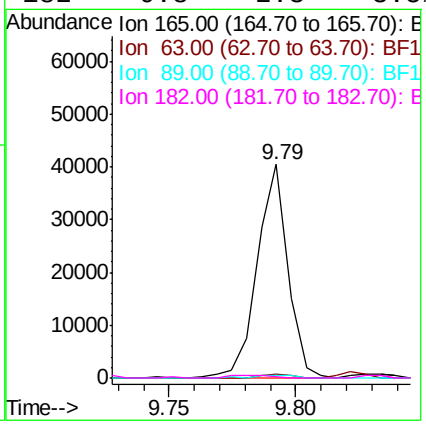


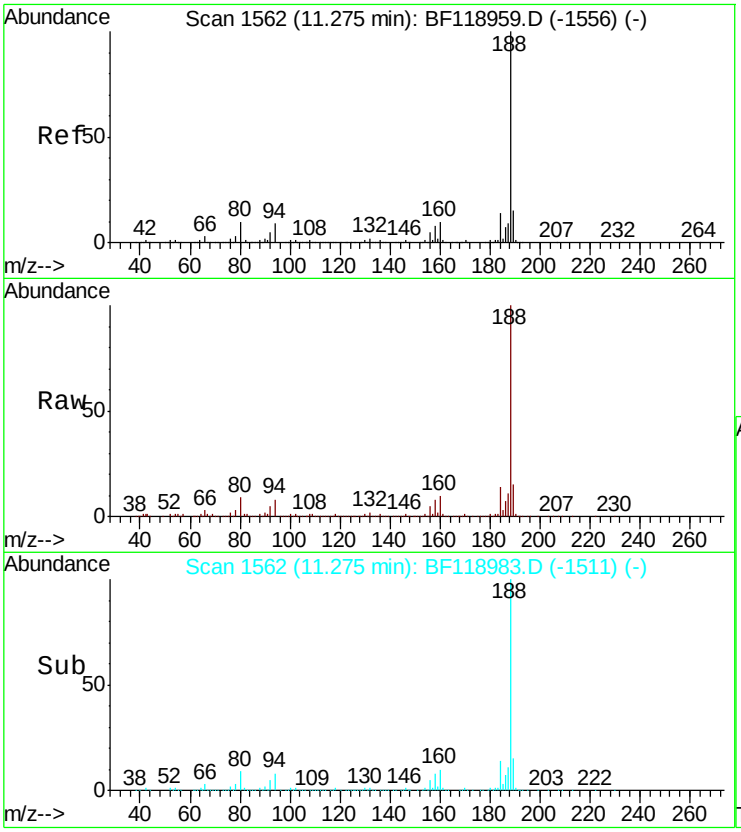


#57
2,4-Dinitrotoluene
Concen: 6.052 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Tgt Ion:165 Resp: 33997

Ion	Ratio	Lower	Upper
165	100		
63	1.8	29.8	44.8#
89	1.5	51.9	77.9#
182	0.8	2.3	3.5#



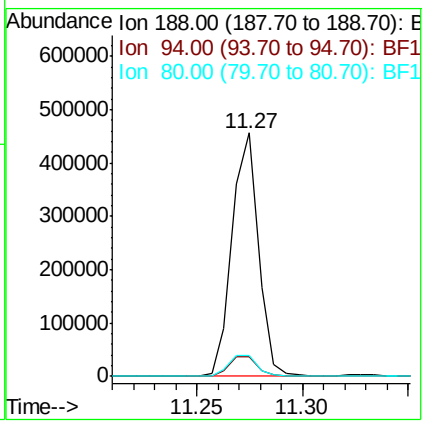


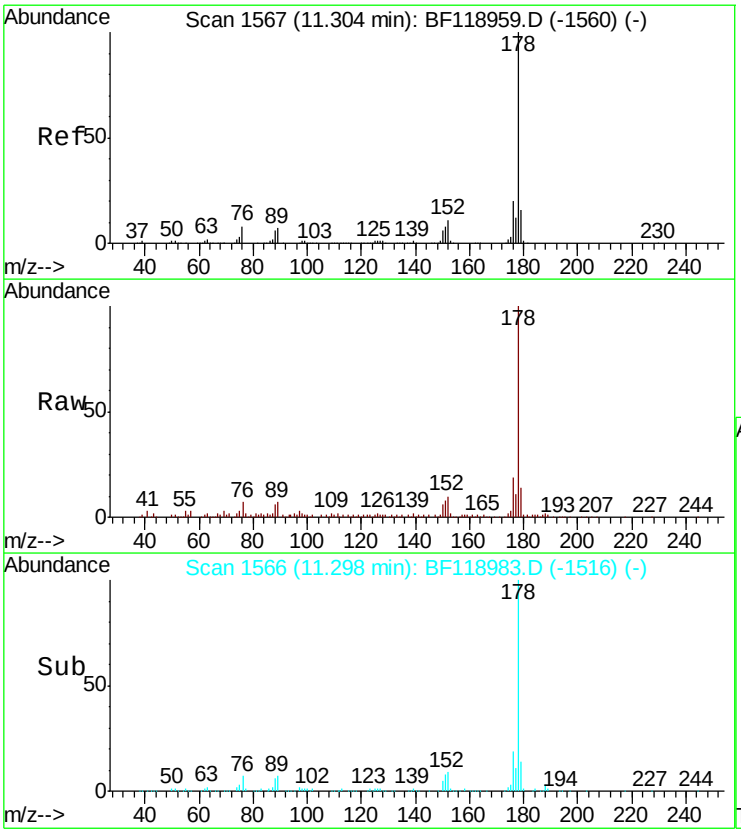
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 392864

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.6
80	8.8	7.9	11.9

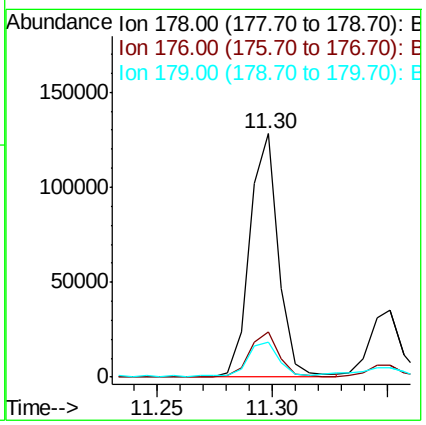


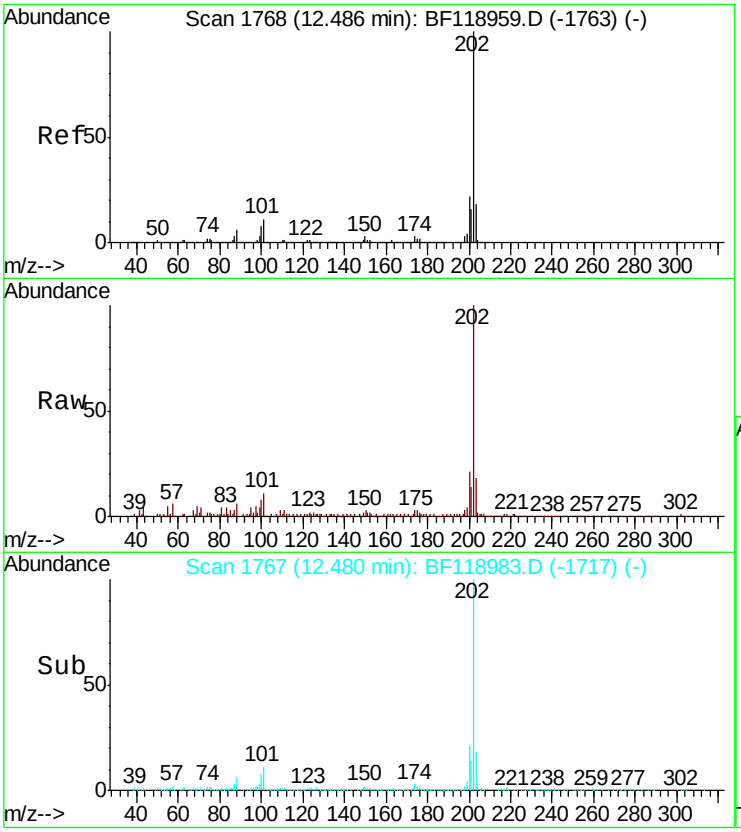


#71
Phenanthrene
Concen: 5.143 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Tgt Ion:178 Resp: 110187

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	14.4	12.6	18.8



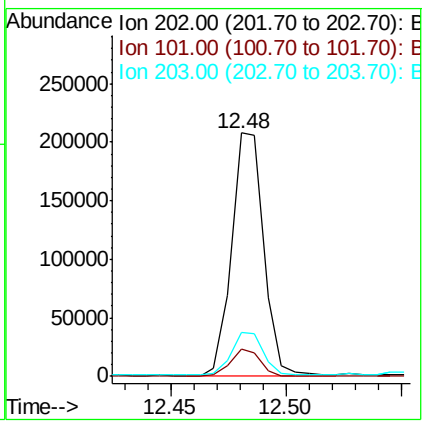


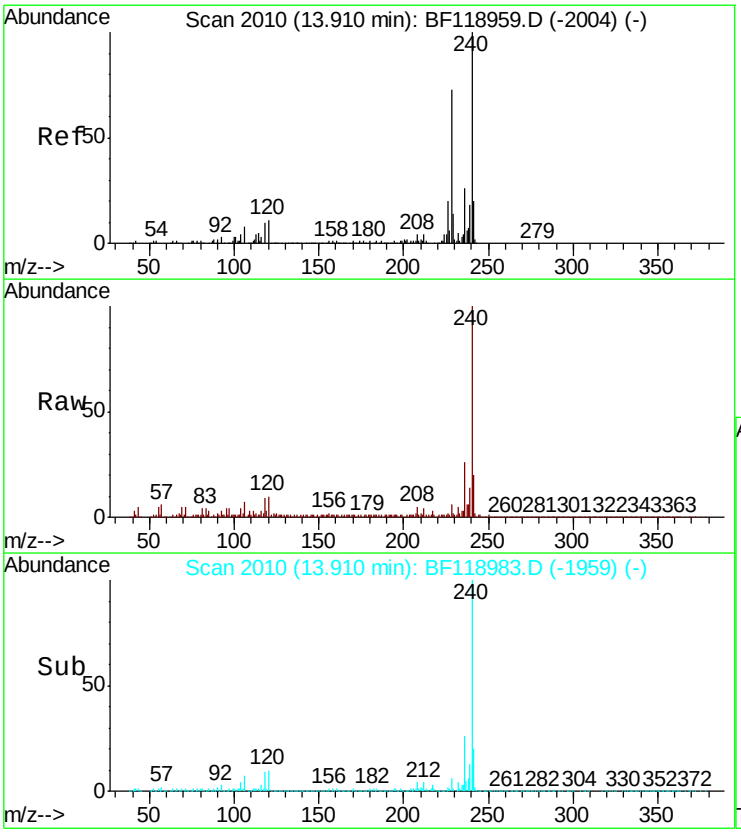
#75
Fluoranthene
Concen: 8.815 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 200460

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.1
203	18.3	0.0	38.1

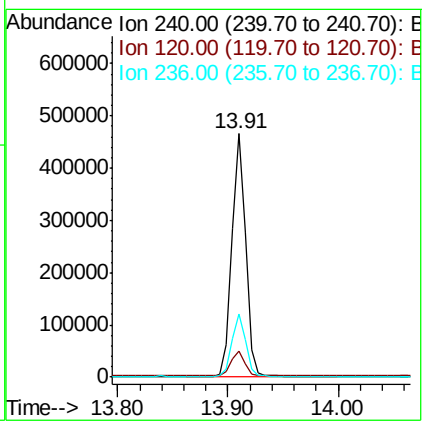


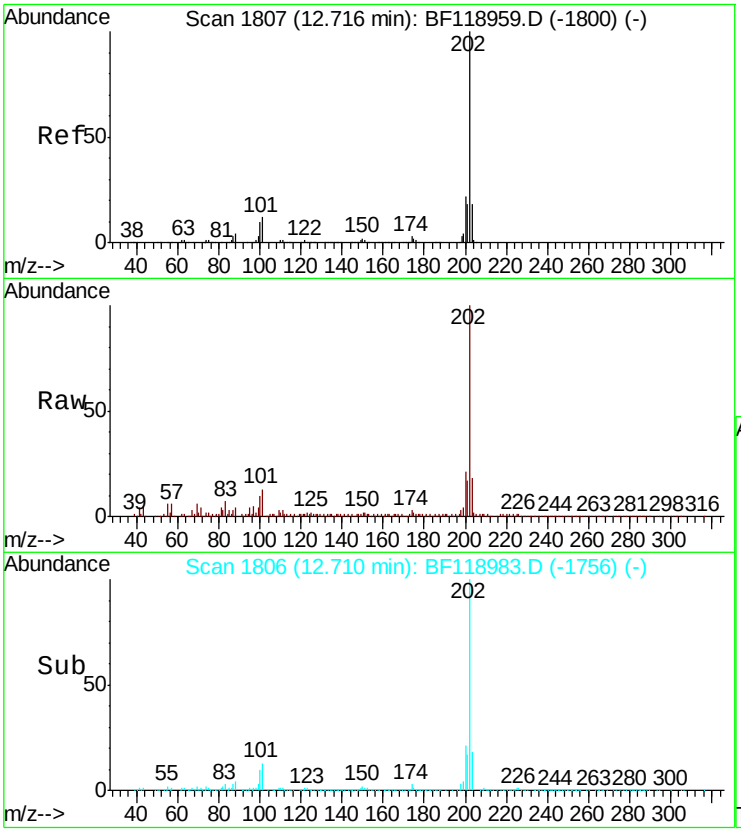


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Tgt Ion:240 Resp: 409971

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	25.8	20.6	30.8



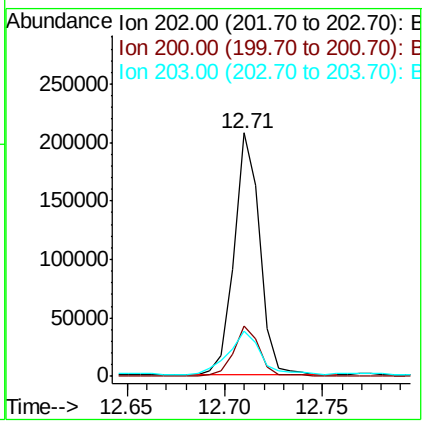


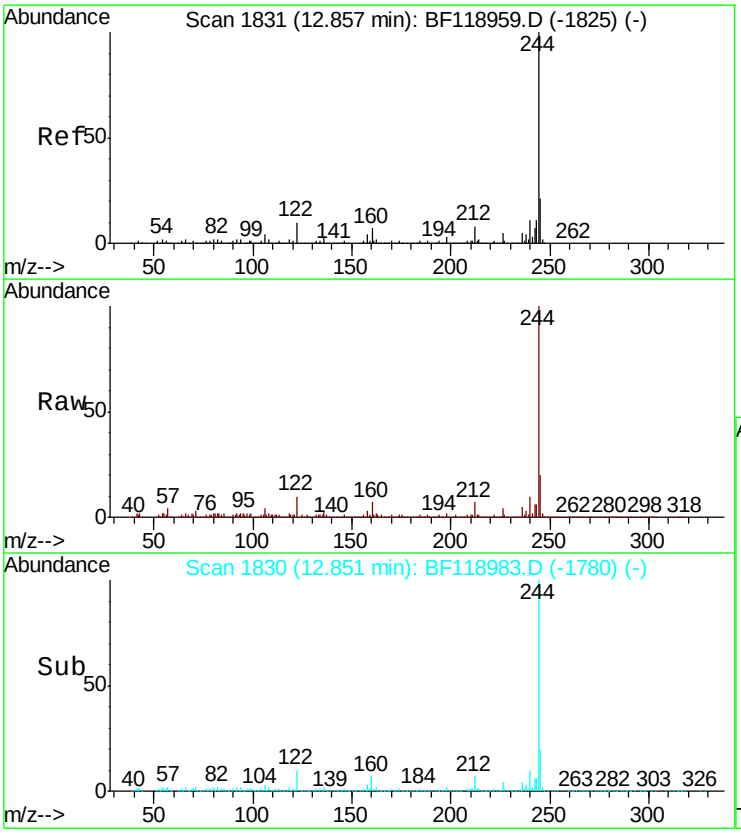
#78
Pyrene
Concen: 5.738 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 188912

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.0
203	18.4	14.5	21.7

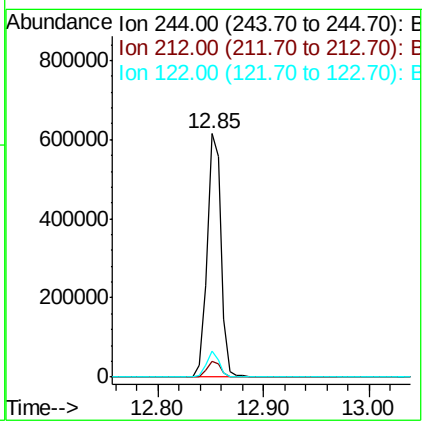


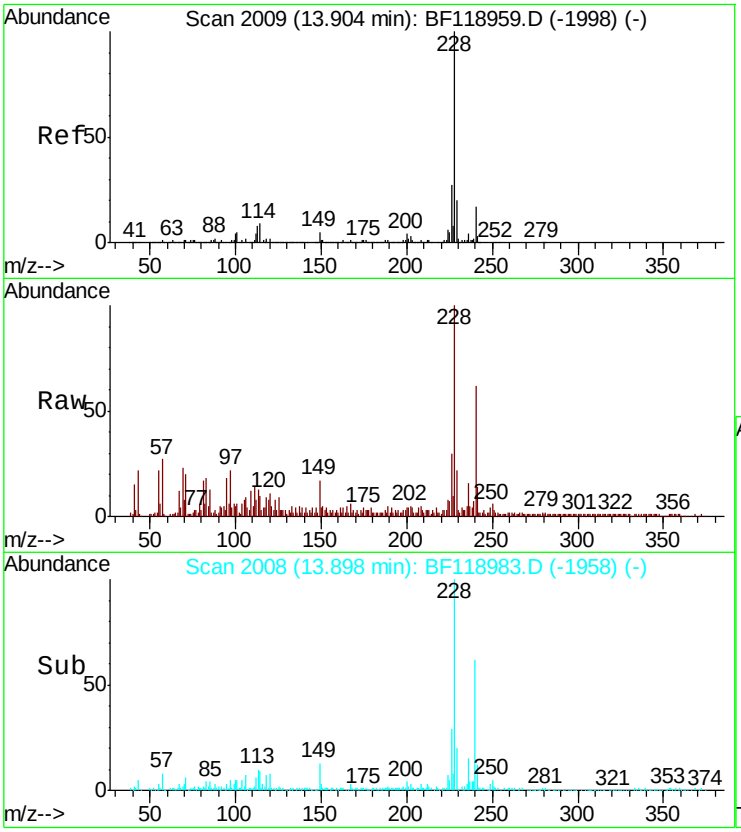


#79
Terphenyl-d14
Concen: 23.969 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Tgt Ion:244 Resp: 570766

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.3	9.5
122	10.5	8.4	12.6



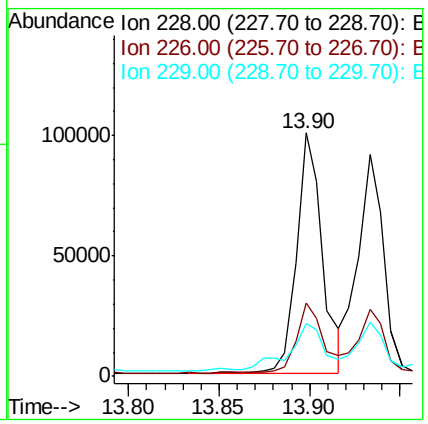


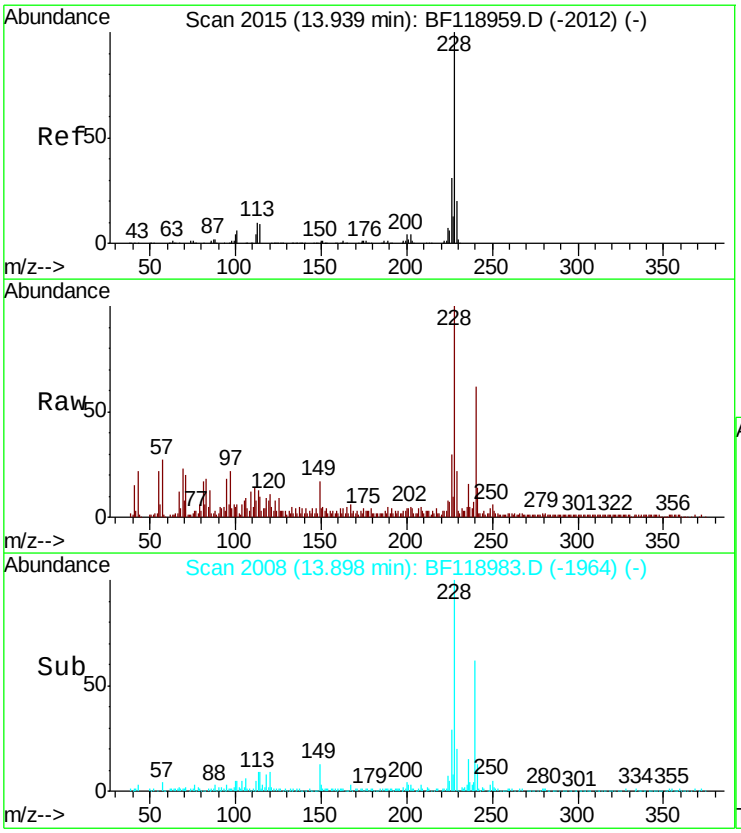
#81
Benzo(a)anthracene
Concen: 3.591 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 100321

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.8	32.8
229	22.0	16.0	24.0

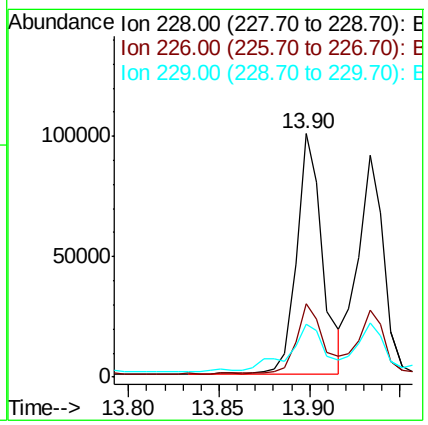


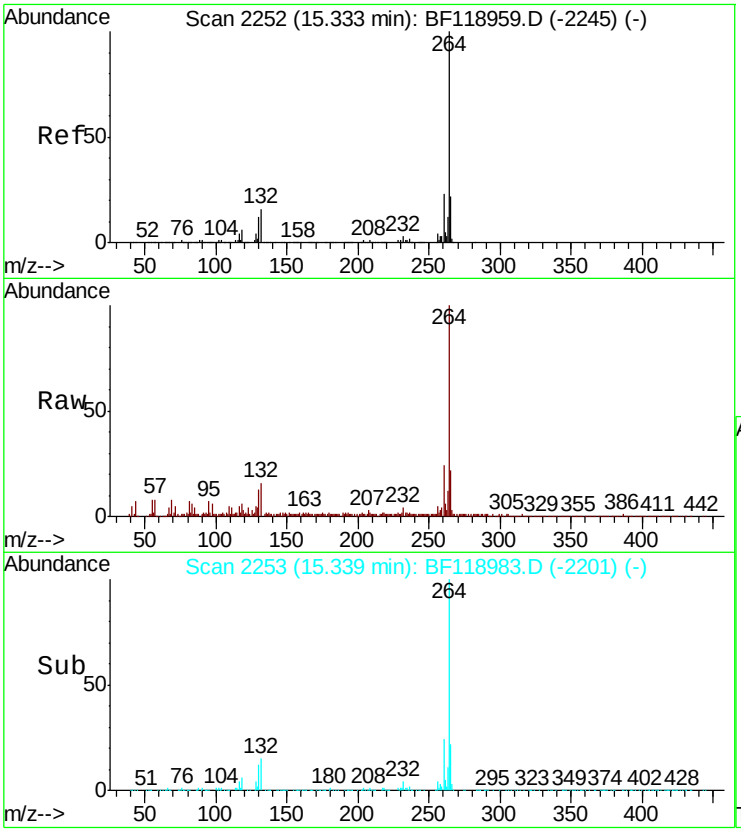


#83
Chrysene
Concen: 3.604 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.04 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Tgt Ion:228 Resp: 100321

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	22.0	16.2	24.2



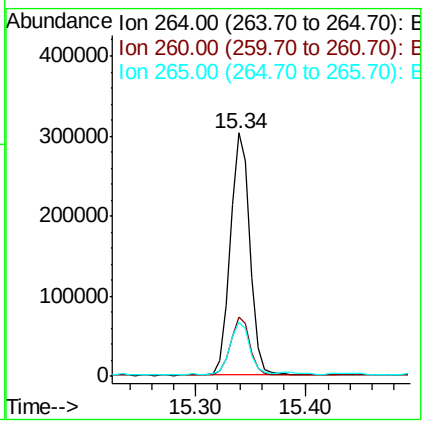


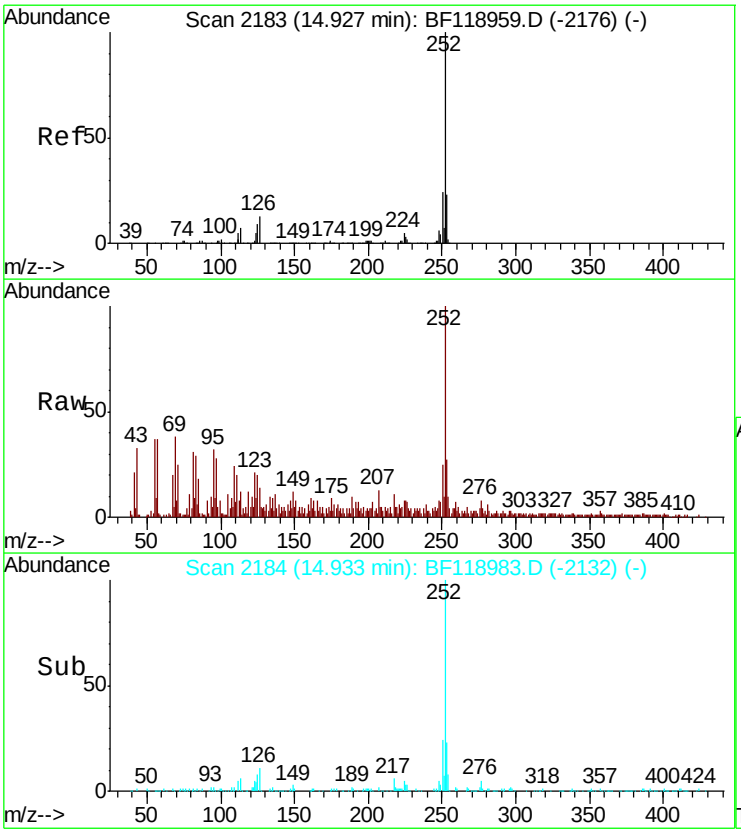
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 377934

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	22.5	17.3	25.9

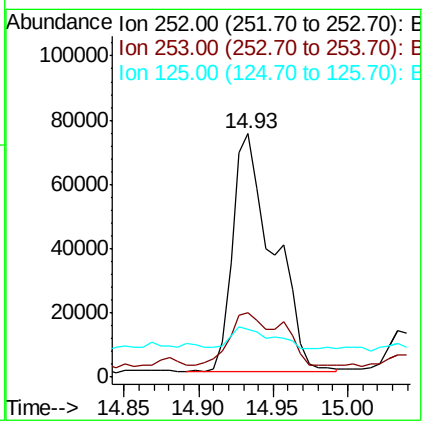


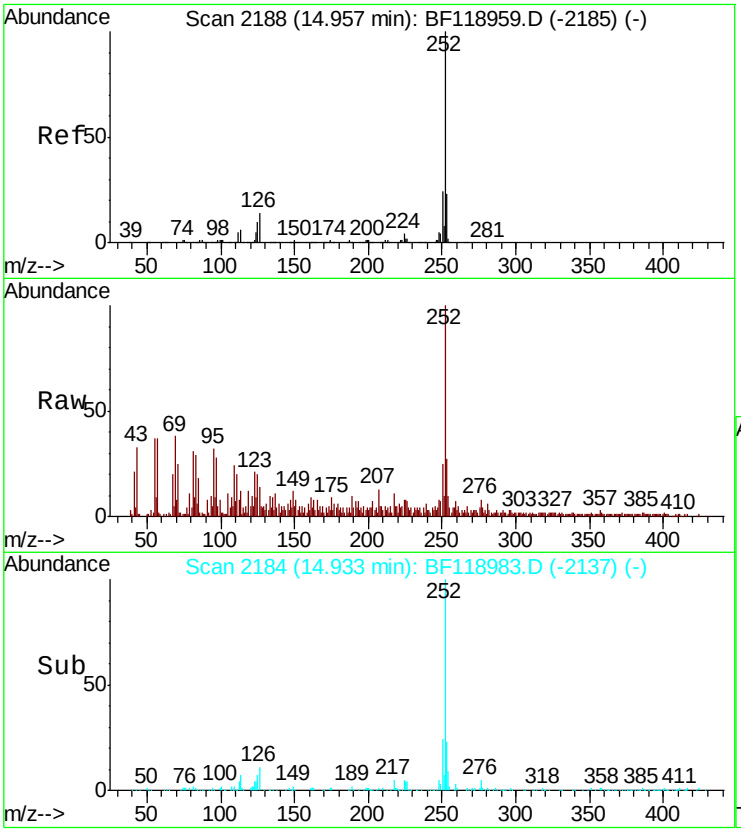


#88
Benzo(b)fluoranthene
Concen: 5.615 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Tgt Ion:252 Resp: 139879

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.2	27.2
125	19.8	7.4	11.0#



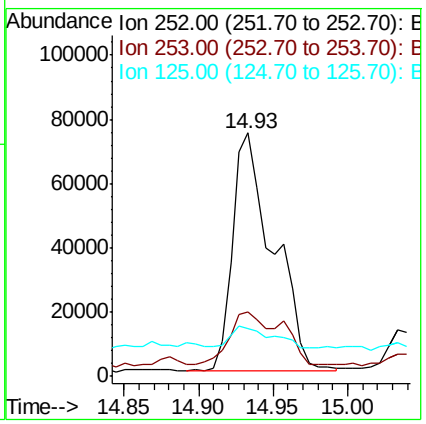


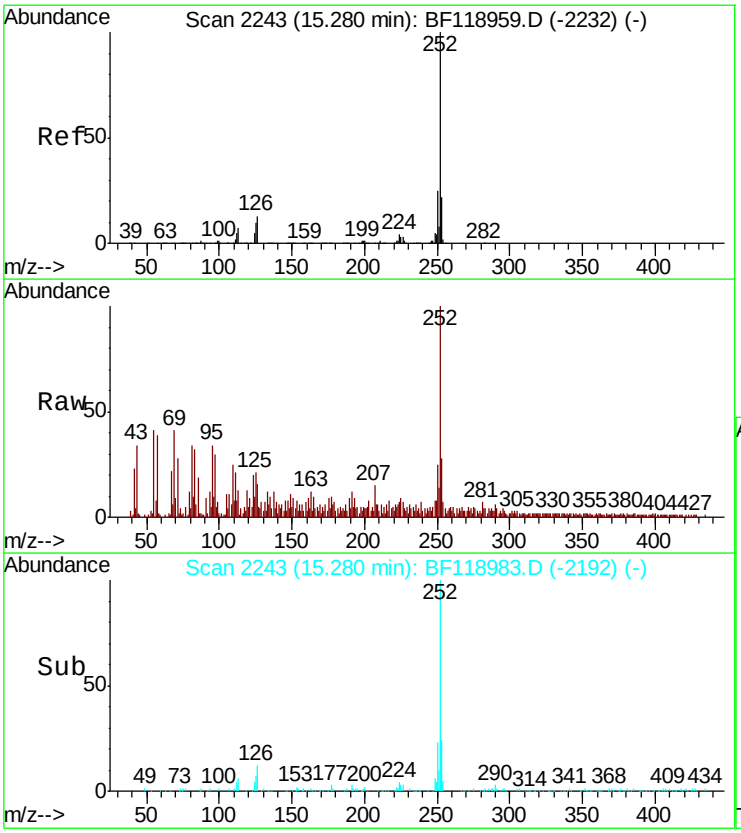
#89
Benzo(k)fluoranthene
Concen: 6.059 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 139879

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.9	26.9
125	19.8	7.3	10.9#





#90
Benzo(a)pyrene
Concen: 3.108 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BF118983.D
Acq: 21 Feb 2020 2:56

Tgt Ion:252 Resp: 69886

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.9	26.9#
125	21.5	7.8	11.6#