Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118899.D
Acq On : 11 Feb 2020 22:29
Operator : CG/JU
Sample : L1367-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-021020

Quant Time: Feb 12 06:52:19 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	6.80	152	265099	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	1054729	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	436887	20.00	ng		-0.02
64) Phenanthrene-d10	11.33	188	777310	20.00	ng		-0.01
76) Chrysene-d12	13.96	240	536875	20.00	ng		-0.02
87) Perylene-d12	15.42	264	611871	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	781344	55.79	ng		0.00
7) Phenol-d6	6.44	99	926898	53.32	ng		-0.01
23) Nitrobenzene-d5	7.36	82	603000	34.08	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	245088	46.88	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	1316423	53.87	ng		-0.02
79) Terphenyl-d14	12.91	244	1012520	38.74	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	356	Below Cal		#	27
19) n-Nitroso-di-n-propylamine	7.36	70	80839	7.600	ng	#	76
25) Isophorone	7.36	82	603085	18.964	ng	#	63
51) 2,6-Dinitrotoluene	9.84	165	58782	8.636	ng	#	31
57) 2,4-Dinitrotoluene	9.84	165	58782	6.526	ng	#	34
71) Phenanthrene	11.35	178	85643	2.239	ng		95
75) Fluoranthene	12.54	202	153000	3.664	ng		99
78) Pyrene	12.77	202	147423	4.003	ng		97
83) Chrysene	13.99	228	69173	2.157	ng		95
88) Benzo(b)fluoranthene	15.00	252	116321	3.064	ng	#	88
89) Benzo(k)fluoranthene	15.00	252	116321	3.518	ng	#	87
90) Benzo(a)pyrene	15.35	252	66167	2.036	ng	#	92

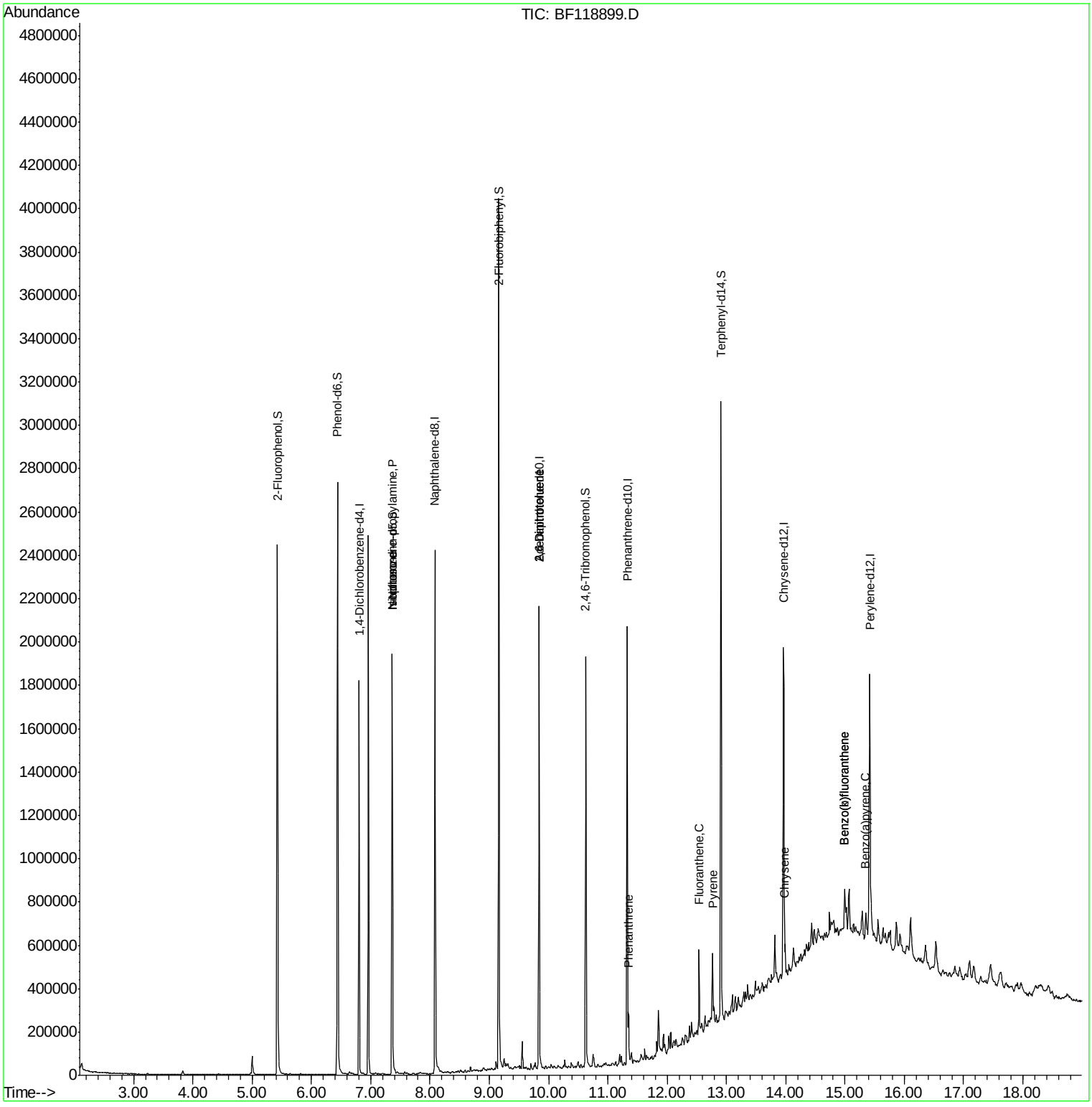
(#) = qualifier out of range (m) = manual integration (+) = signals summed

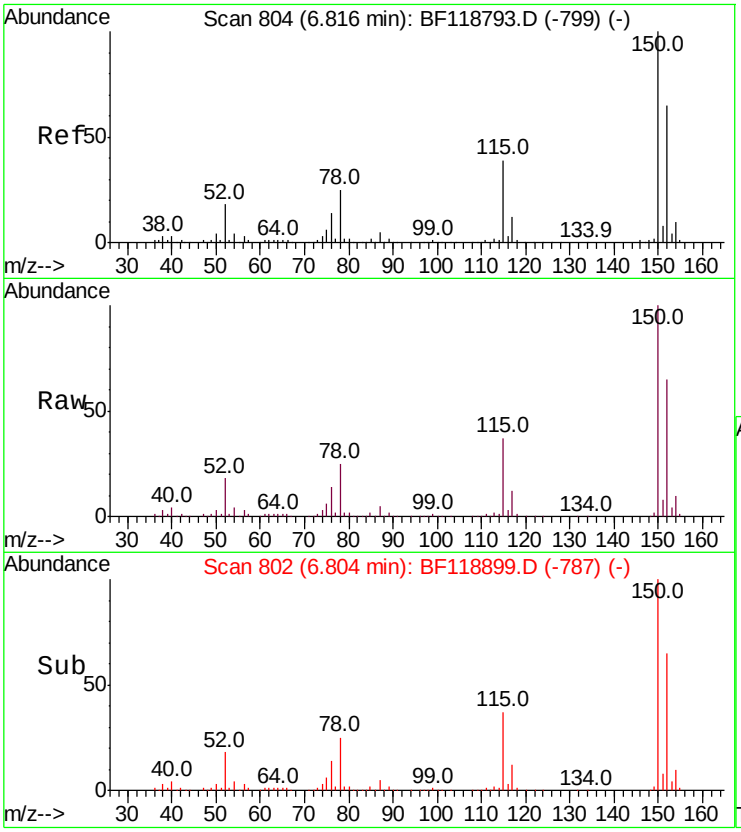
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118899.D
Acq On : 11 Feb 2020 22:29
Operator : CG/JU
Sample : L1367-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Quant Time: Feb 12 06:52:19 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



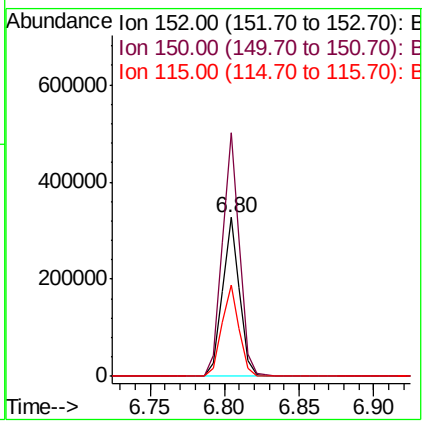


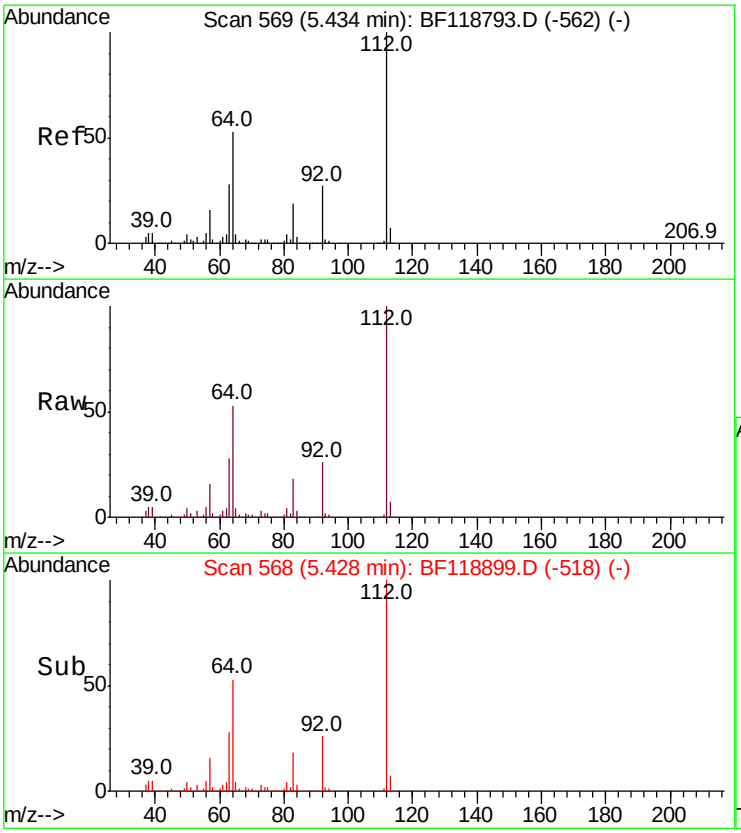
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tgt Ion:152 Resp: 265099

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.6	185.4
115	57.2	48.2	72.2

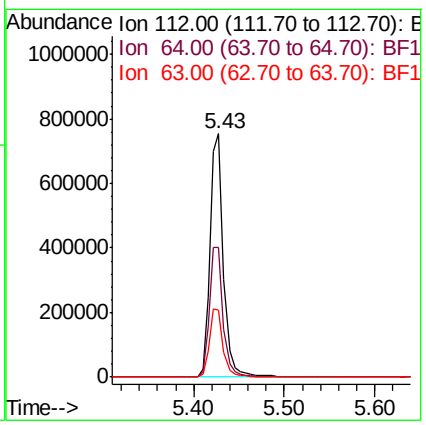


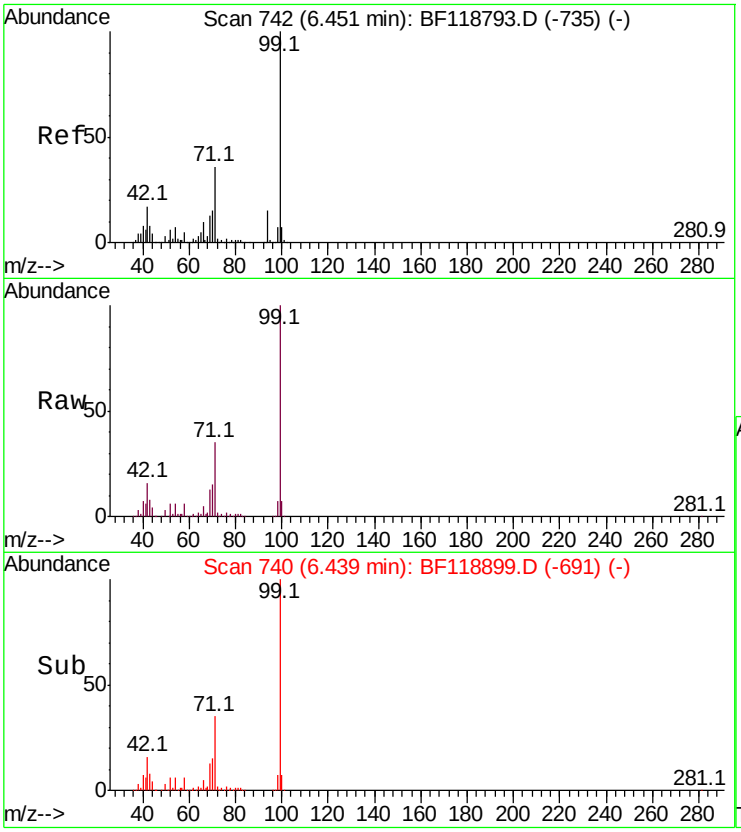


#5
2-Fluorophenol
Concen: 55.792 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion:112 Resp: 781344

Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.6	63.8
63	27.5	22.2	33.4



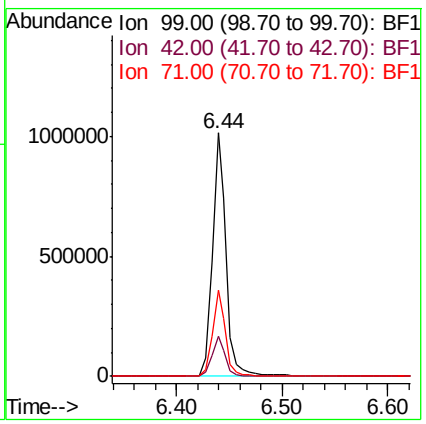


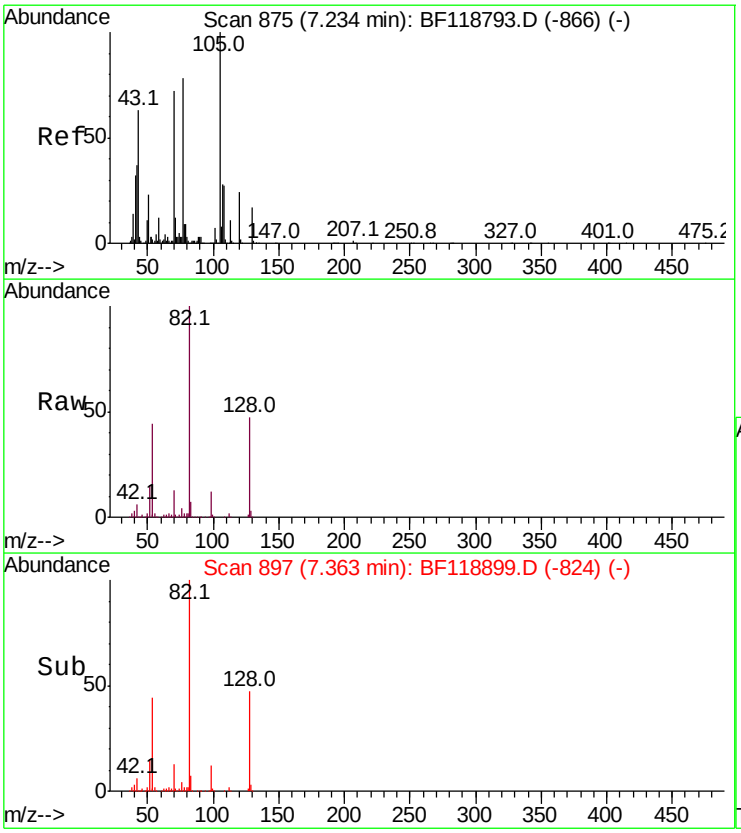
#7
Phenol-d6
Concen: 53.317 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tgt Ion: 99 Resp: 926898

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.0
71	35.3	29.0	43.6

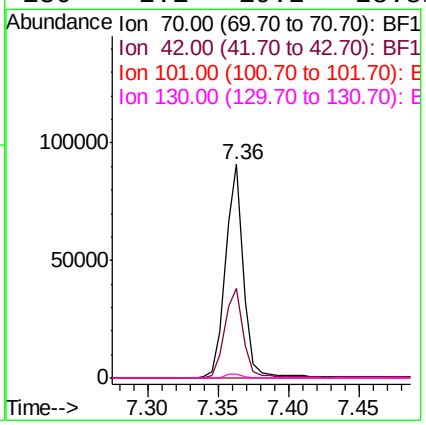


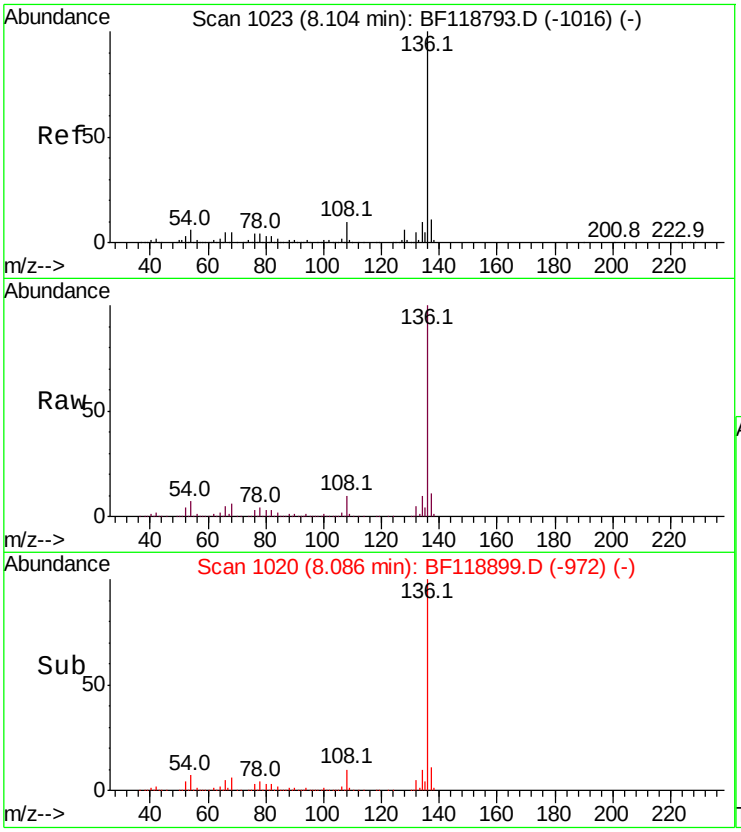


#19
n-Nitroso-di-n-propylamine
Concen: 7.600 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.13 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion: 70 Resp: 80839

Ion	Ratio	Lower	Upper
70	100		
42	41.9	41.5	62.3
101	0.0	8.3	12.5#
130	2.1	19.2	28.8#



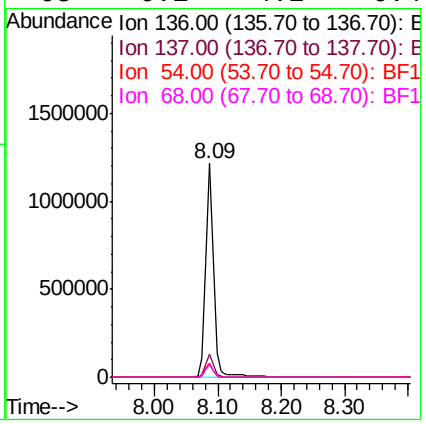


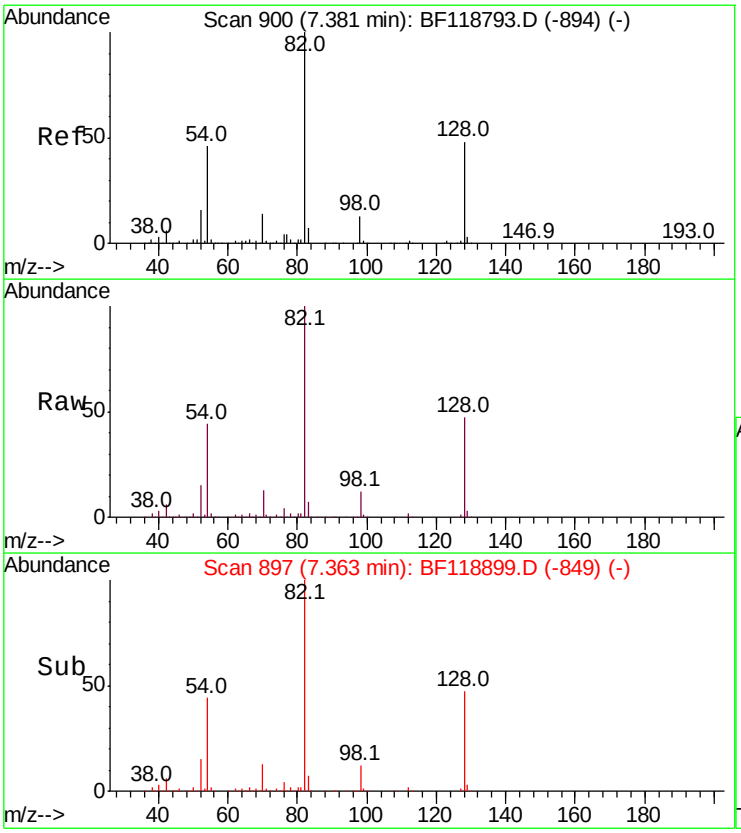
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tgt Ion:136 Resp: 1054729

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.8	5.0	7.6
68	6.1	4.2	6.4

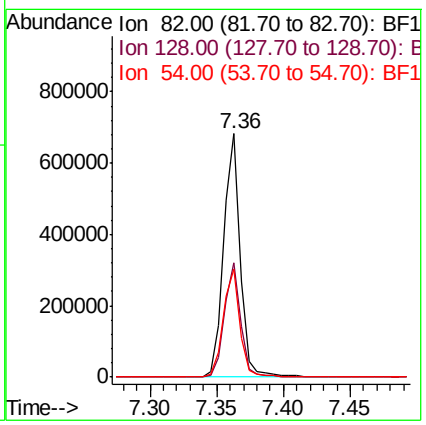


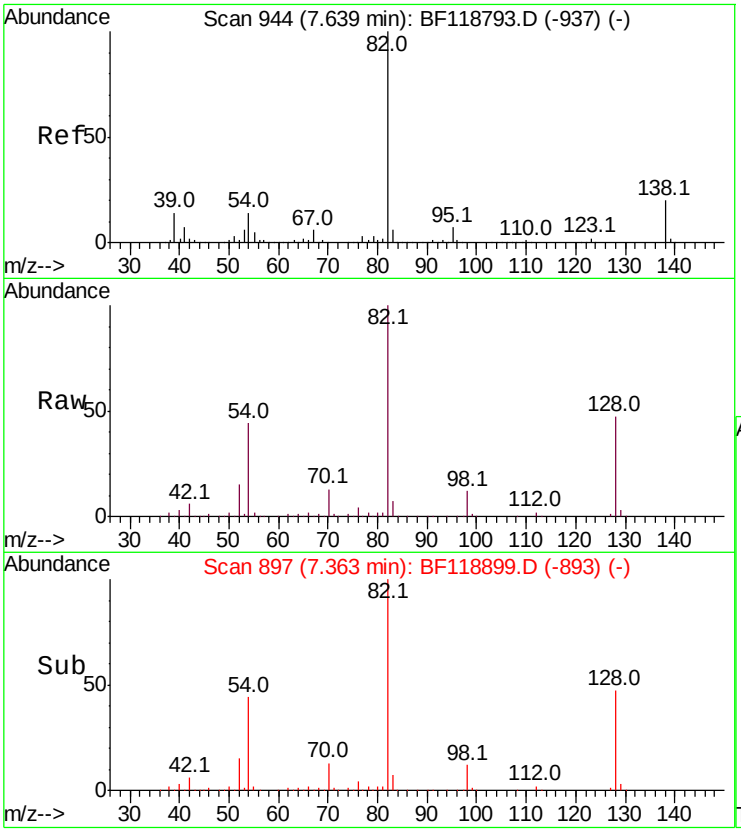


#23
Nitrobenzene-d5
Concen: 34.077 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion: 82 Resp: 603000

Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.5	57.7
54	44.2	36.7	55.1



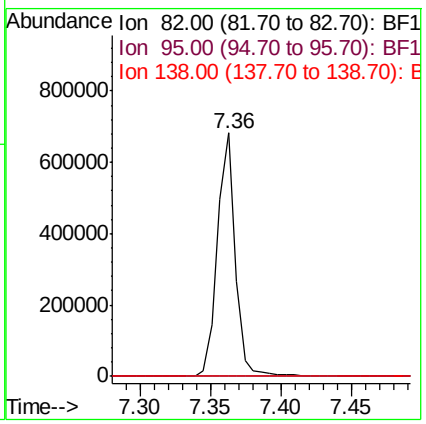


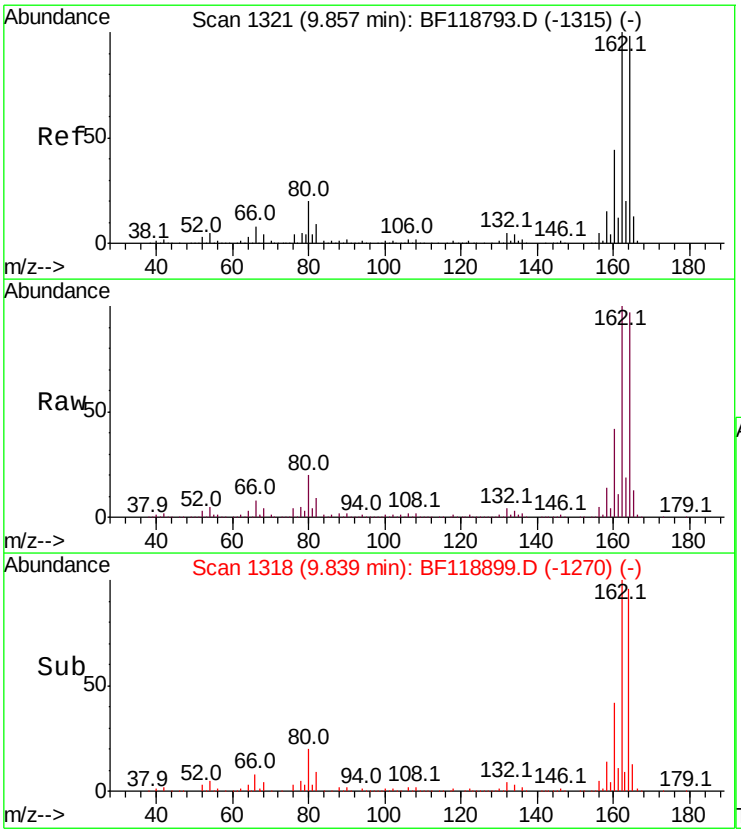
#25
Isophorone
Concen: 18.964 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.28 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tgt Ion: 82 Resp: 603085

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

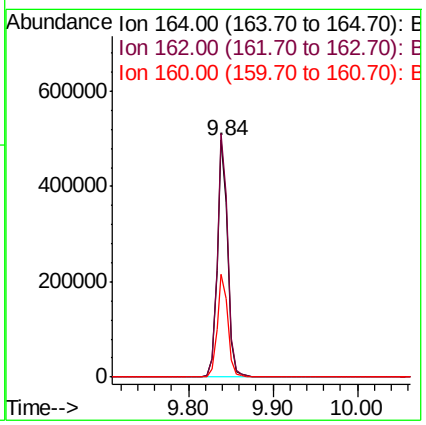


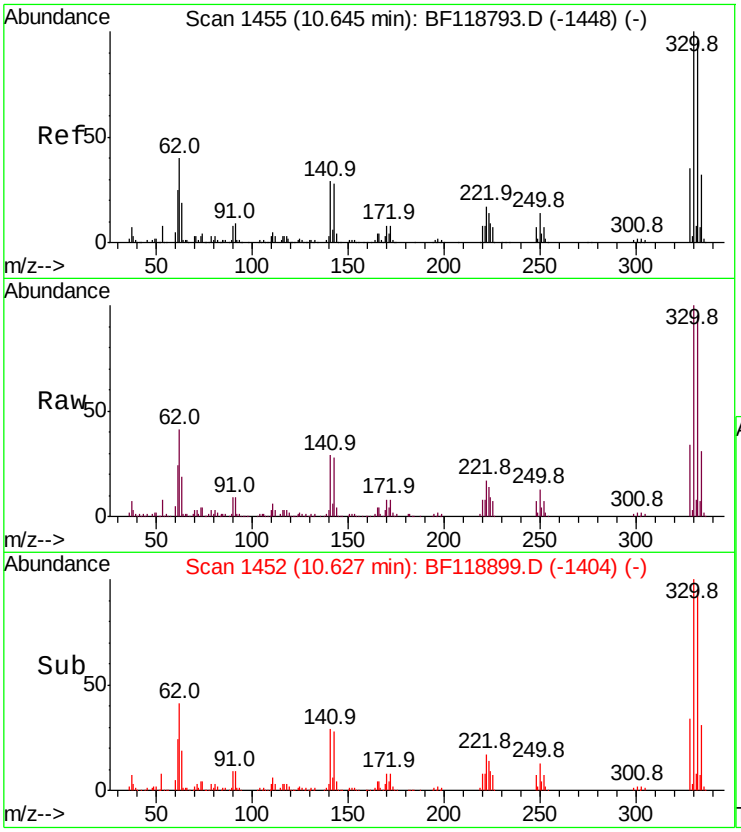


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion:164 Resp: 436887

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.2
160	43.4	35.6	53.4



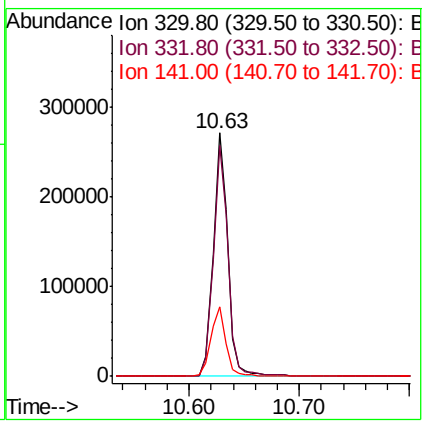


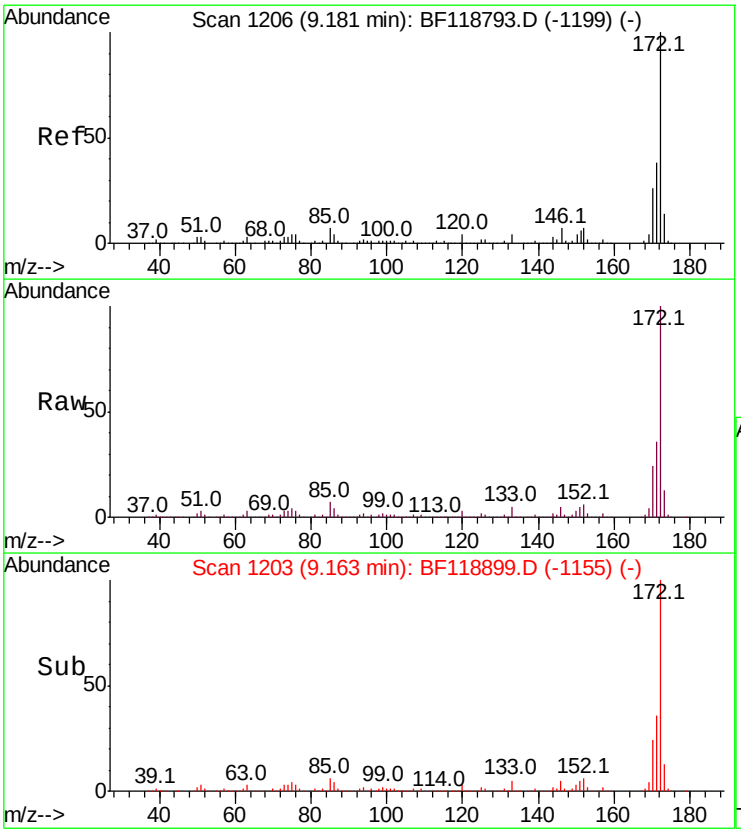
#42
2,4,6-Tribromophenol
Concen: 46.885 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tgt Ion:330 Resp: 245088

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	28.7	22.4	33.6

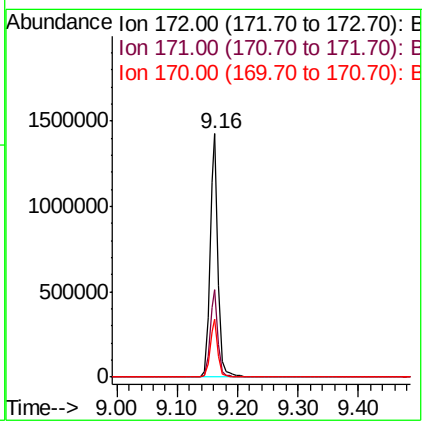


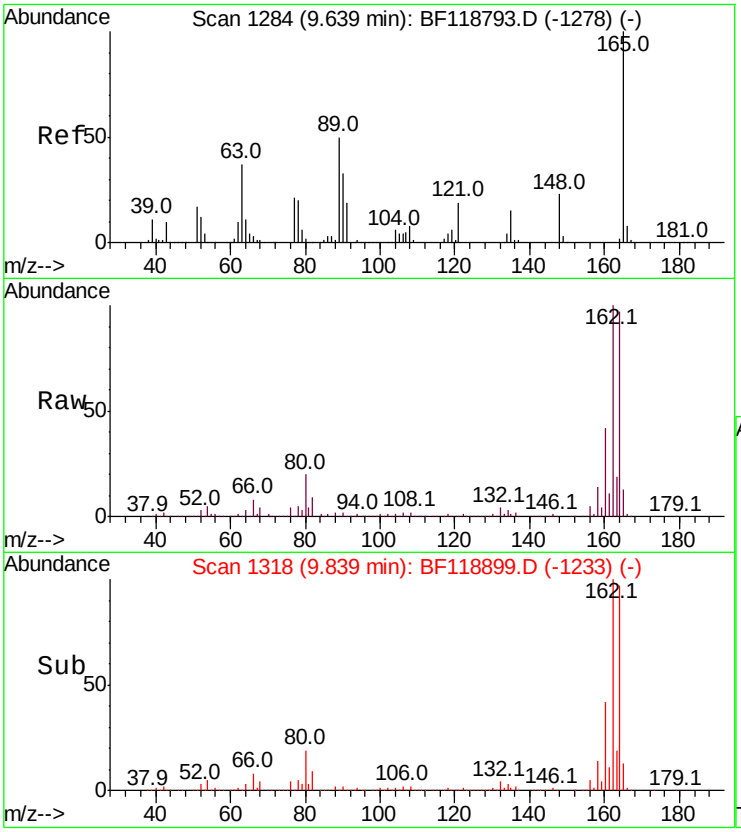


#45
2-Fluorobiphenyl
Concen: 53.867 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion:172 Resp: 1316423

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.8	46.2
170	23.6	20.5	30.7



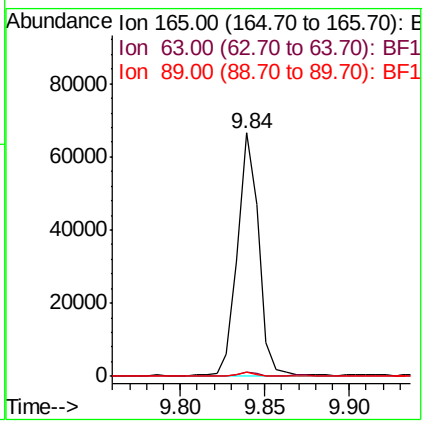


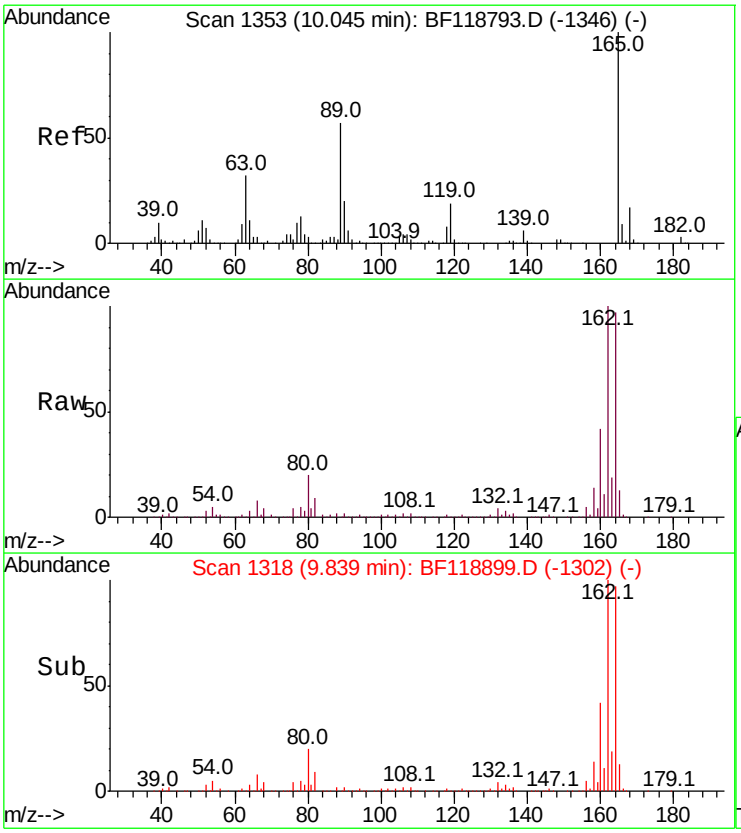
#51
2,6-Dinitrotoluene
Concen: 8.636 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tgt Ion:165 Resp: 58782

Ion	Ratio	Lower	Upper
165	100		
63	1.5	37.4	56.0#
89	1.6	39.7	59.5#

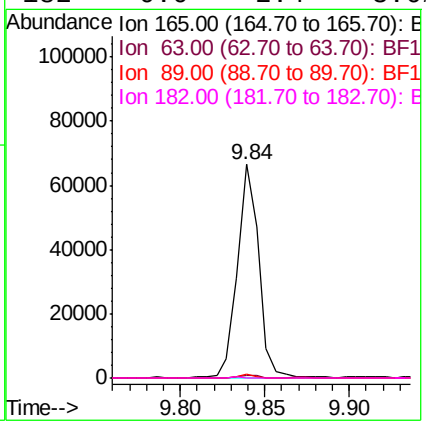


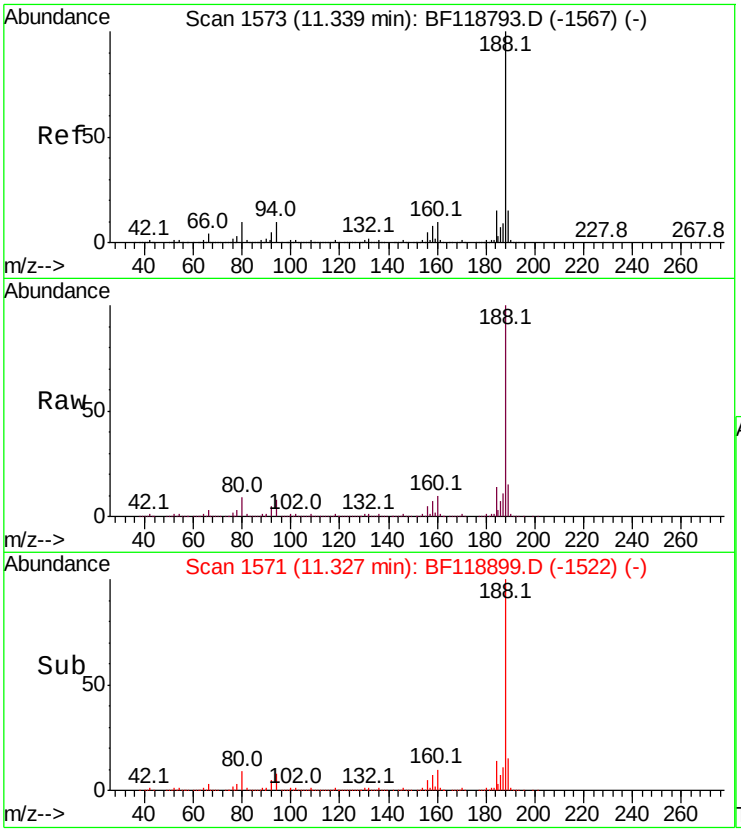


#57
2,4-Dinitrotoluene
Concen: 6.526 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion:165 Resp: 58782

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.5	38.3#
89	1.6	45.4	68.0#
182	0.0	2.4	3.6#



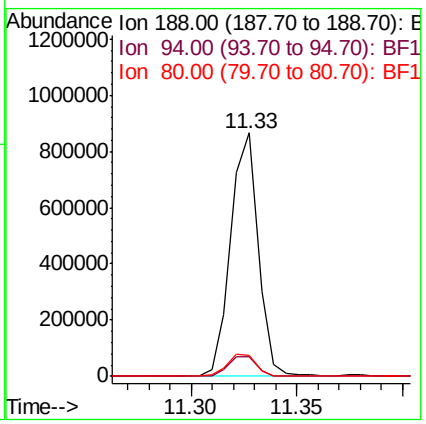


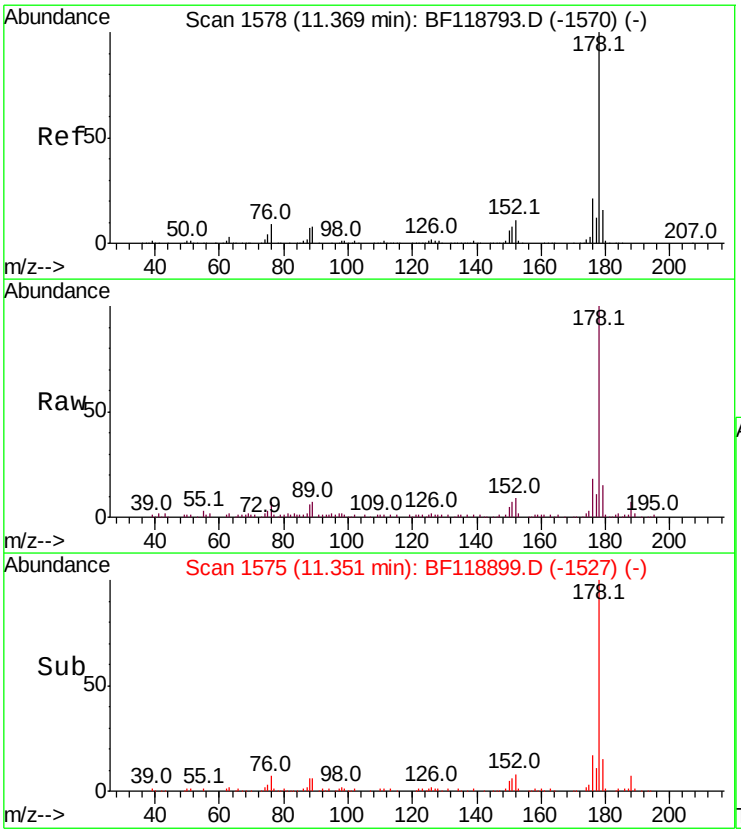
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tgt Ion:188 Resp: 777310

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.9	11.9
80	8.6	8.4	12.6

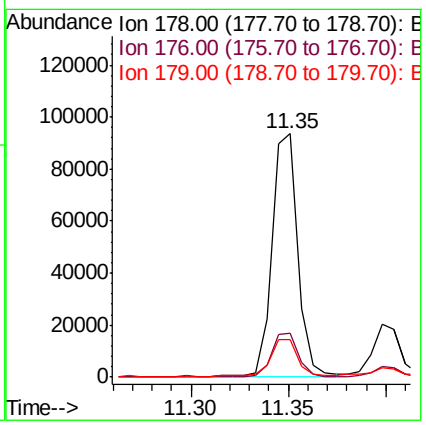


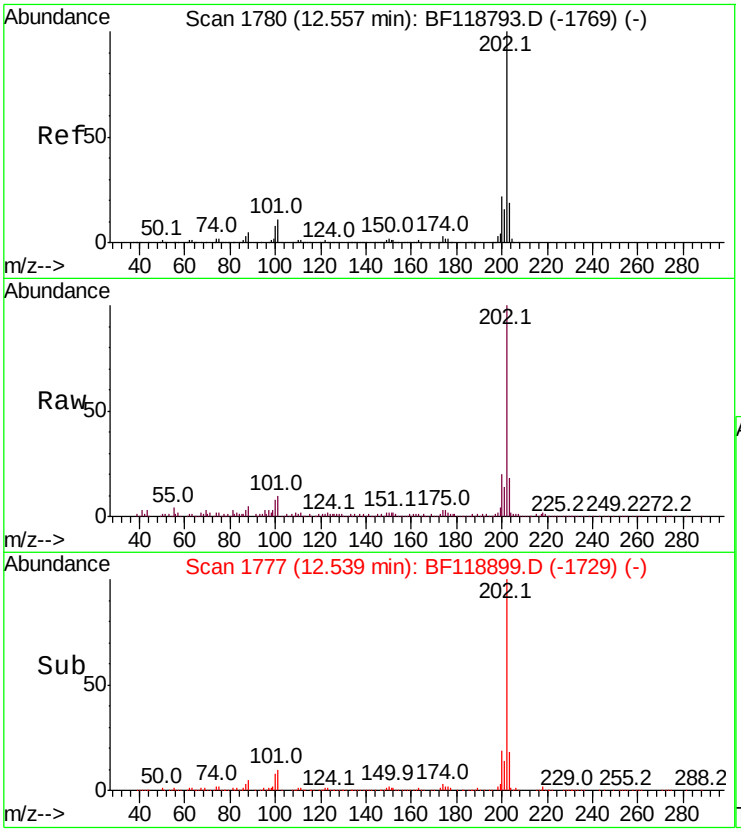


#71
Phenanthrene
Concen: 2.239 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion:178 Resp: 85643

Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.6	24.8
179	15.2	13.2	19.8



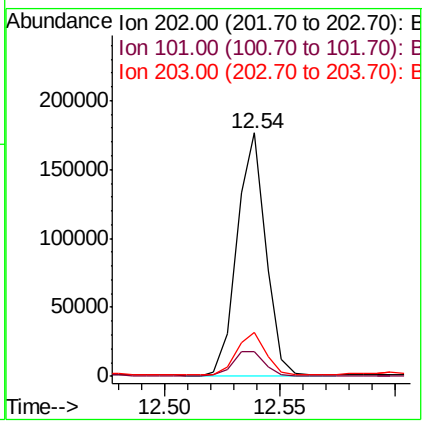


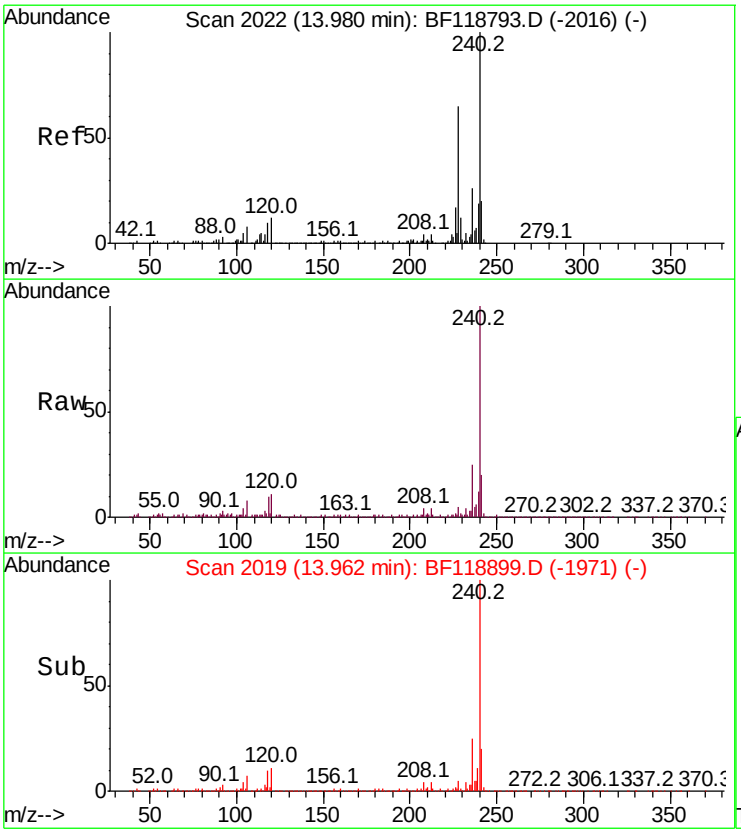
#75
Fluoranthene
Concen: 3.664 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tgt Ion:202 Resp: 153000

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.0
203	18.3	0.0	38.7

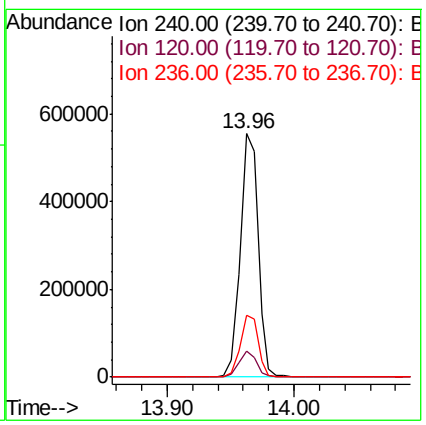


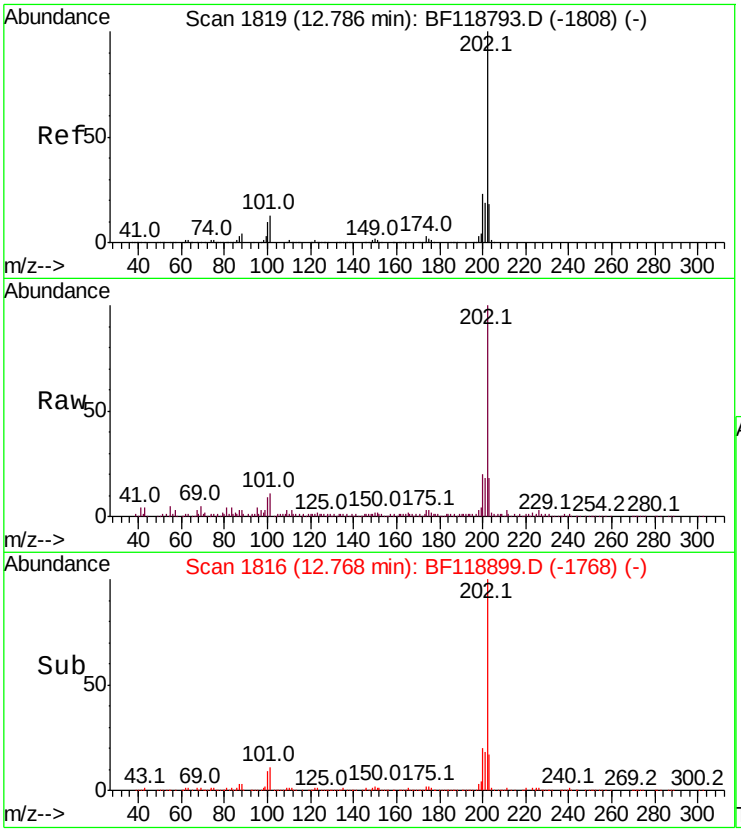


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion:240 Resp: 536875

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.4	14.0
236	25.3	21.0	31.6



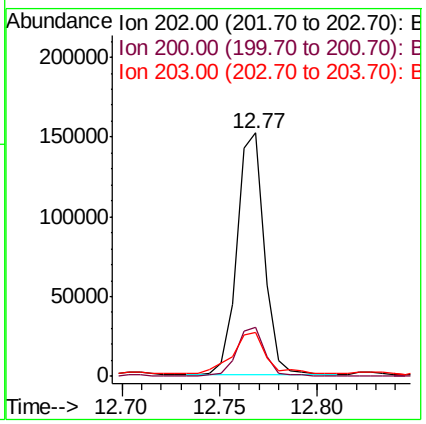


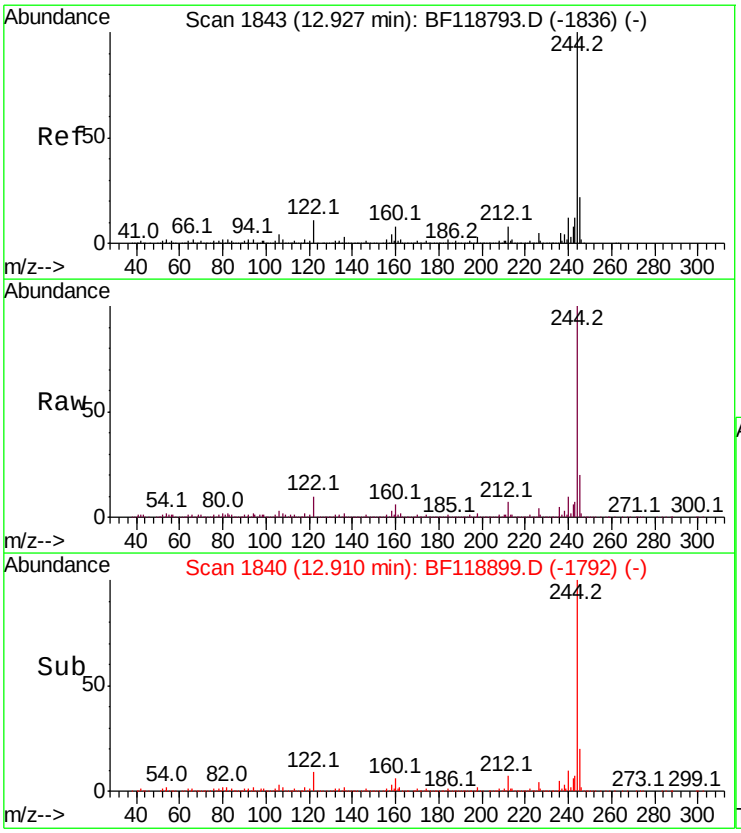
#78
Pyrene
Concen: 4.003 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tgt Ion:202 Resp: 147423

Ion	Ratio	Lower	Upper
202	100		
200	20.1	18.2	27.2
203	18.1	14.8	22.2

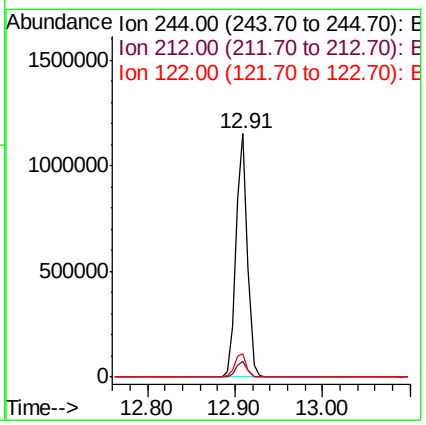


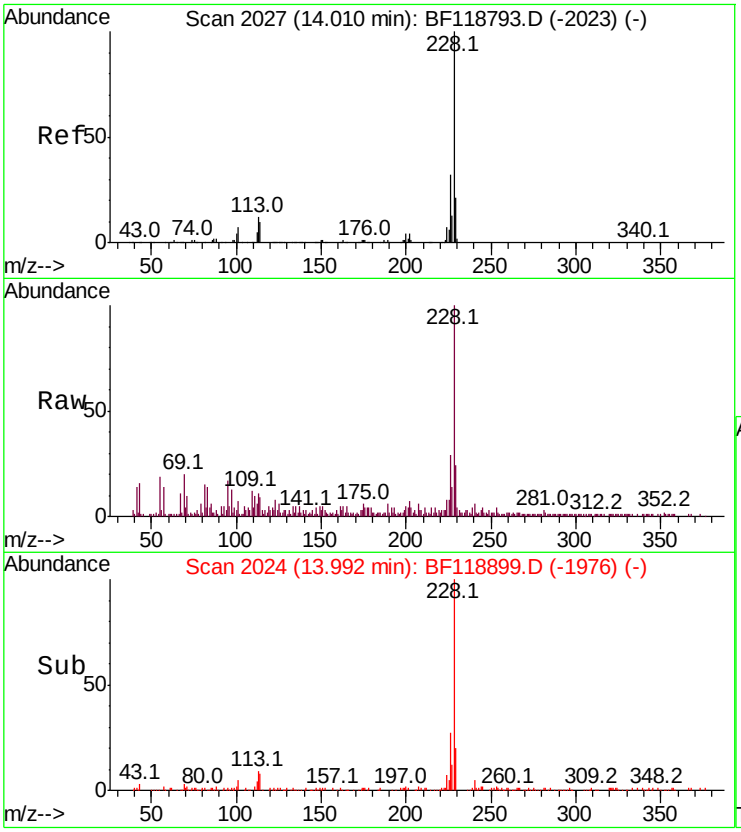


#79
Terphenyl-d14
Concen: 38.738 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion:244 Resp: 1012520

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	9.5	8.9	13.3



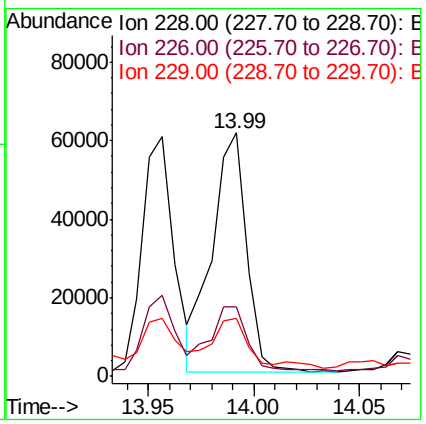


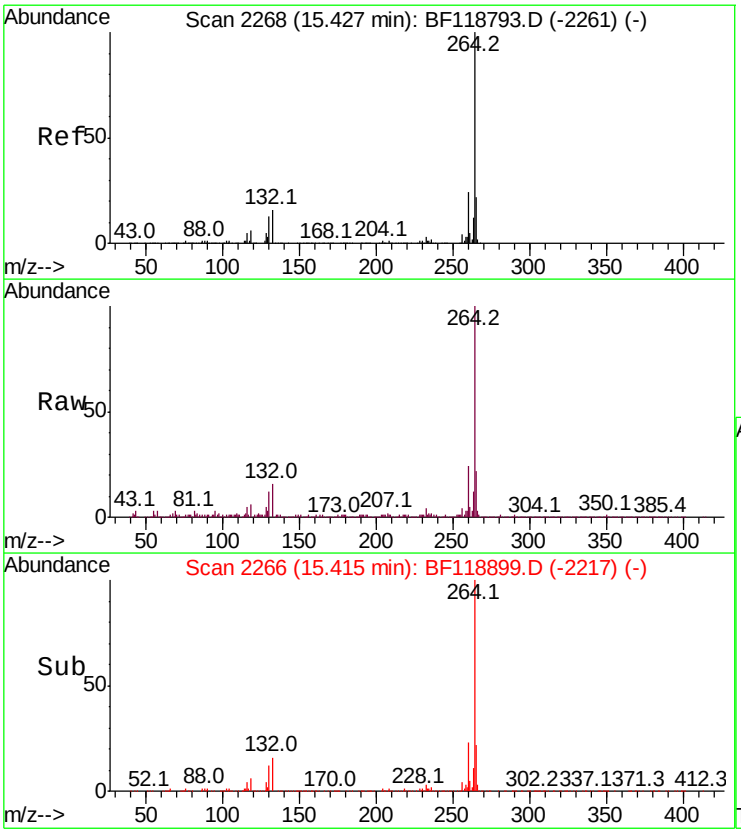
#83
Chrysene
Concen: 2.157 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tgt Ion:228 Resp: 69173

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.4	38.0
229	23.6	16.9	25.3

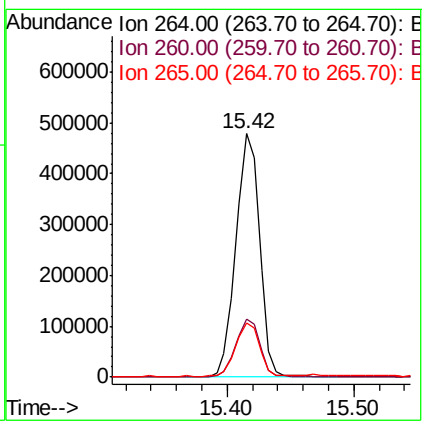


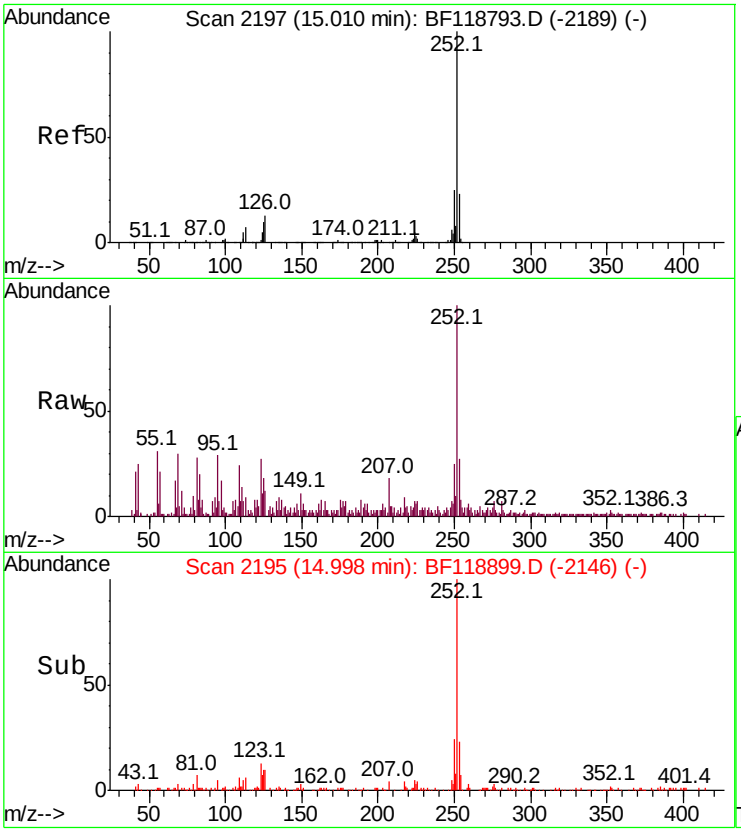


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion:264 Resp: 611871

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	22.1	17.2	25.8



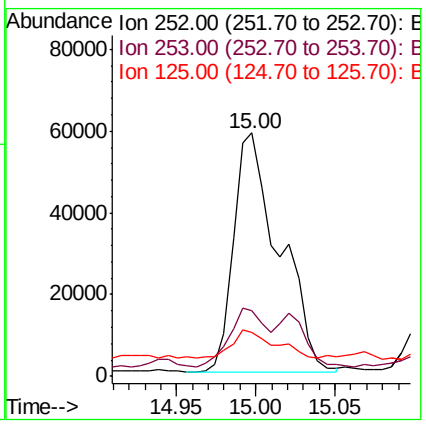


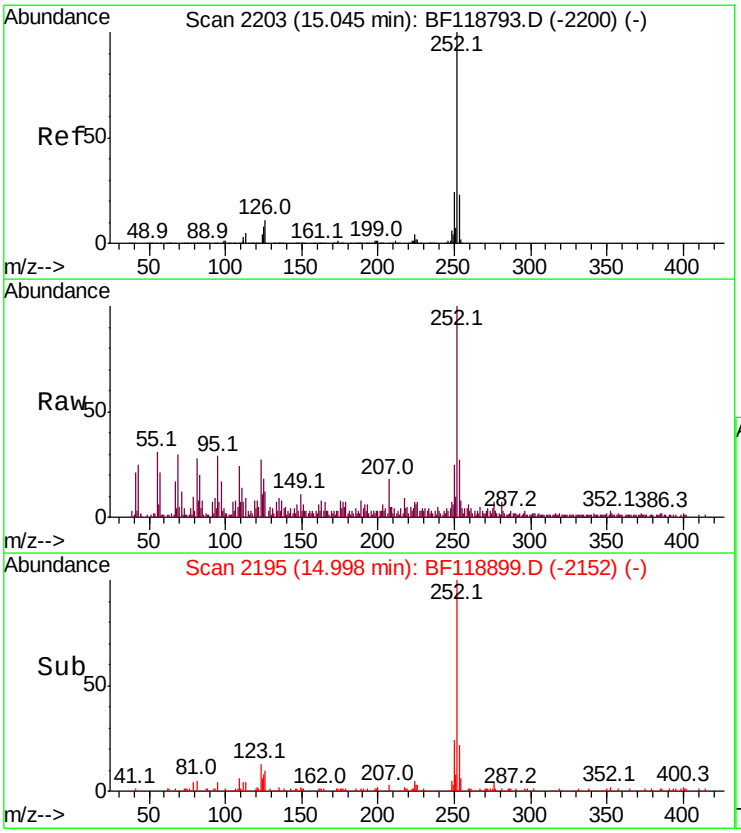
#88
Benzo(b)fluoranthene
Concen: 3.064 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tgt Ion:252 Resp: 116321

Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.4	27.6
125	17.9	8.1	12.1#

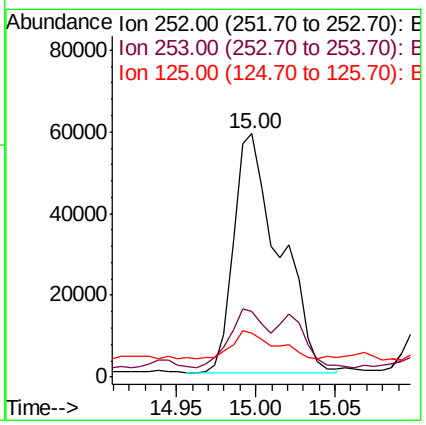


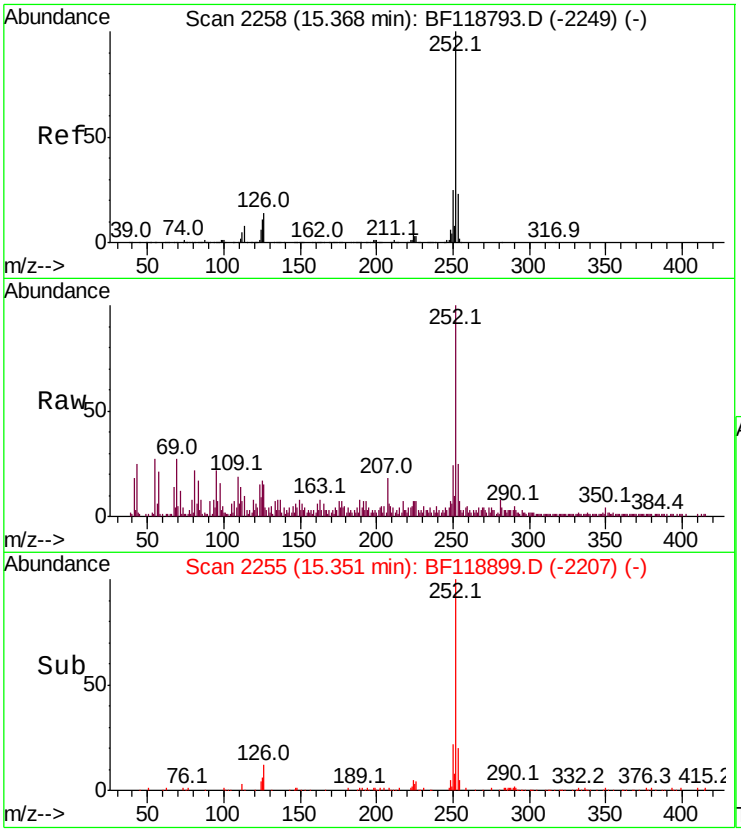


#89
Benzo(k)fluoranthene
Concen: 3.518 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion:252 Resp: 116321

Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.2	27.4
125	17.9	7.0	10.6#





#90
Benzo(a)pyrene
Concen: 2.036 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tgt Ion:252 Resp: 66167

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	17.0	8.7	13.1#