Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121385.D
Acq On : 22 Aug 2020 00:25
Operator : JU/CG
Sample : L3734-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EROC-BF-1B

Quant Time: Aug 22 02:55:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	161743	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	609173	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	284030	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	456948	20.00	ng		0.00
76) Chrysene-d12	13.85	240	350542	20.00	ng		0.00
86) Perylene-d12	15.27	264	367535	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	44690	4.53	ng		0.01
7) Phenol-d6	6.34	99	197792	15.71	ng		0.00
23) Nitrobenzene-d5	7.26	82	141413	13.13	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	6573	1.99	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	285039	7.47	ng		0.00
79) Terphenyl-d14	12.80	244	208663	11.63	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	18957	2.799	ng	#	78
25) Isophorone	7.26	82	141431	7.215	ng	#	65
51) 2,6-Dinitrotoluene	9.73	165	37133	8.414	ng	#	29
55) Dibenzofuran	9.93	168	6075	Below Cal		#	87
57) 2,4-Dinitrotoluene	9.73	165	37133	6.897	ng	#	25
58) Fluorene	10.28	166	17414	Below Cal			98
71) Phenanthrene	11.24	178	113688	4.807	ng		98
75) Fluoranthene	12.43	202	90346	3.520	ng		99
78) Pyrene	12.66	202	104259	3.959	ng		97
81) Benzo(a)anthracene	13.84	228	45064	2.070	ng		93
88) Benzo(b)fluoranthene	14.87	252	58222	2.452	ng	#	88
89) Benzo(k)fluoranthene	14.87	252	58222	2.786	ng	#	87

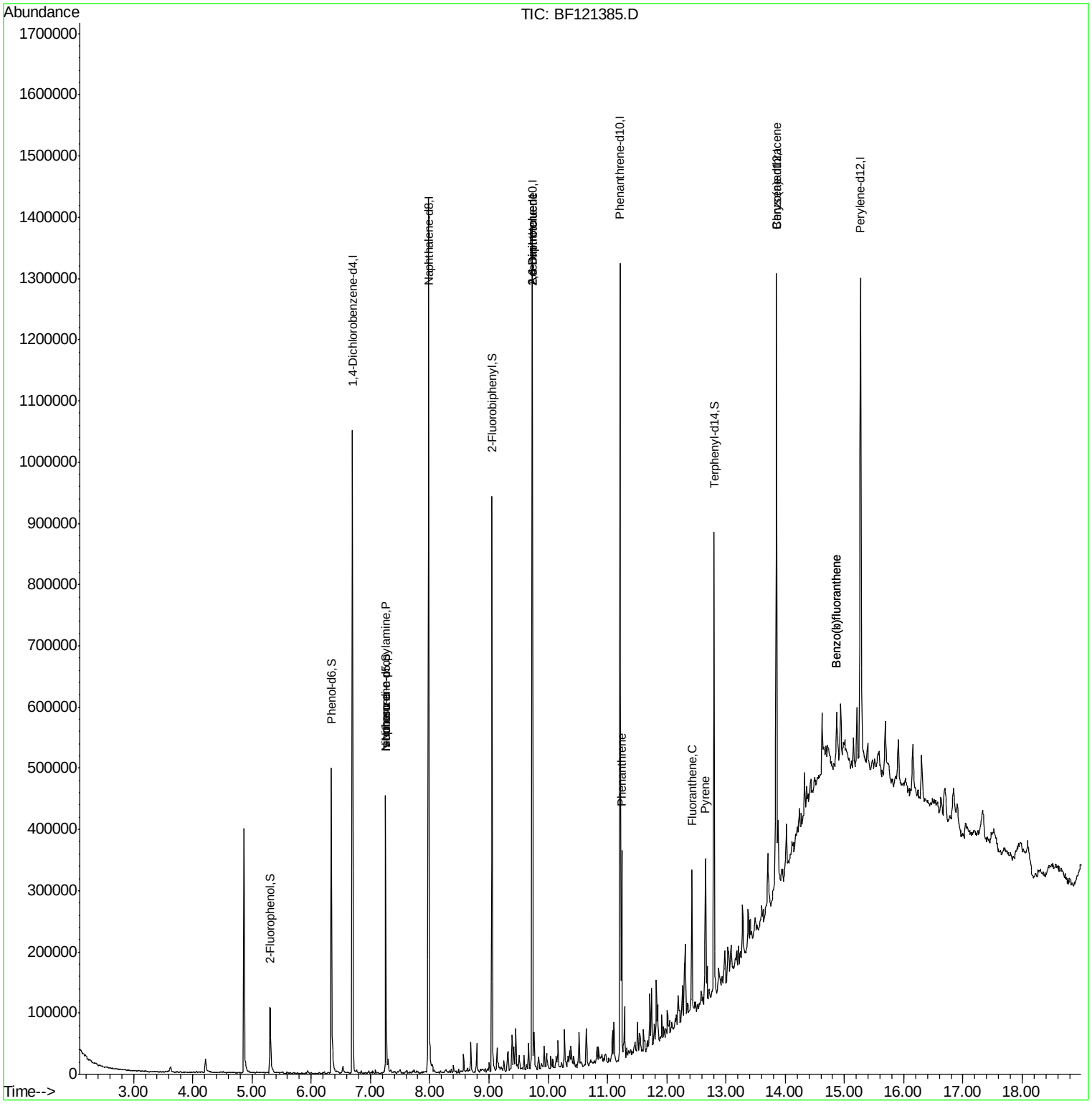
(#) = qualifier out of range (m) = manual integration (+) = signals summed

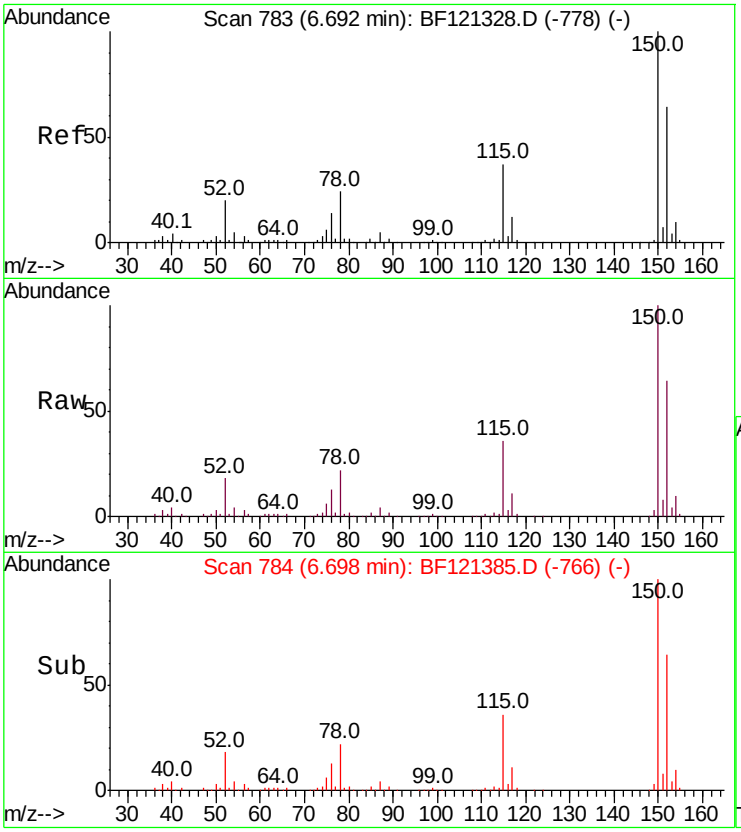
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121385.D
Acq On : 22 Aug 2020 00:25
Operator : JU/CG
Sample : L3734-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1B

Quant Time: Aug 22 02:55:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration



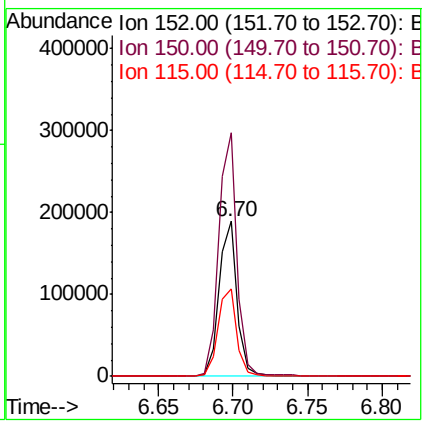


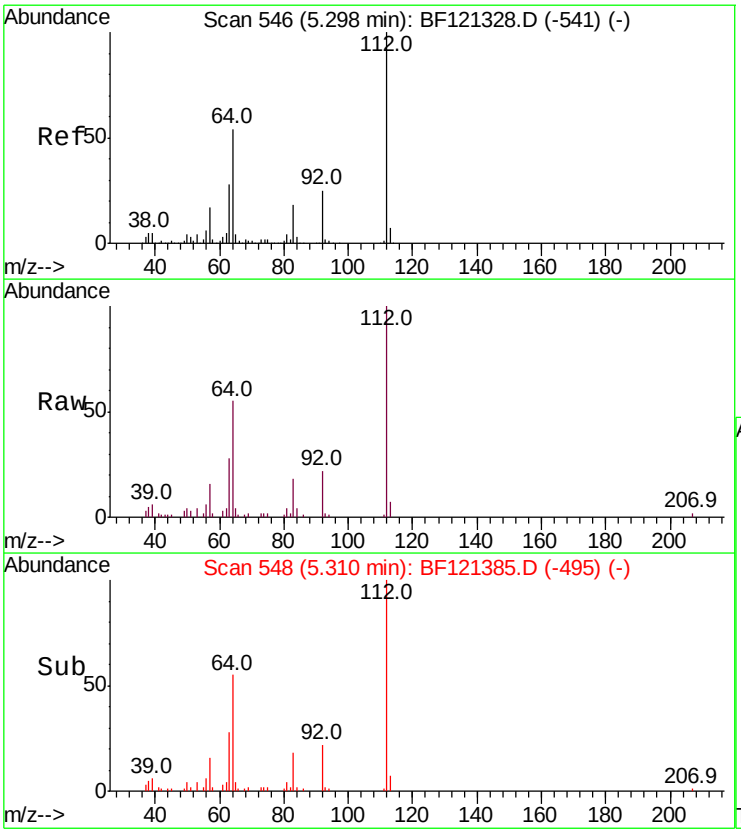
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1B

Tgt Ion:152 Resp: 161743

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.8	187.2
115	56.5	46.1	69.1

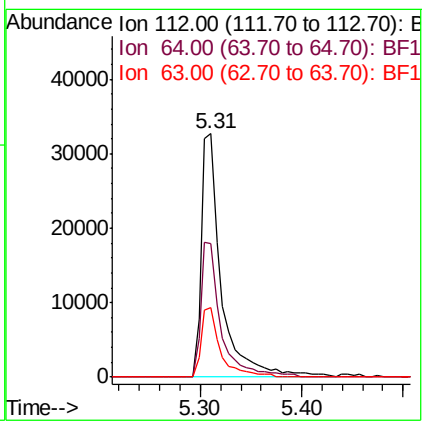


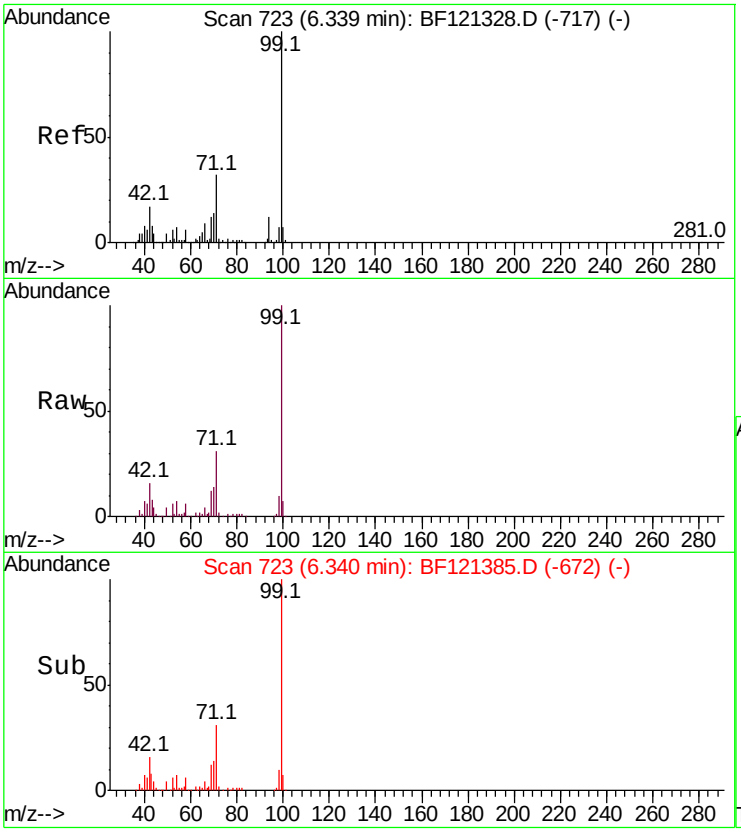


#5
2-Fluorophenol
Concen: 4.531 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Tgt Ion:112 Resp: 44690

Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.5	65.3
63	28.5	22.0	33.0



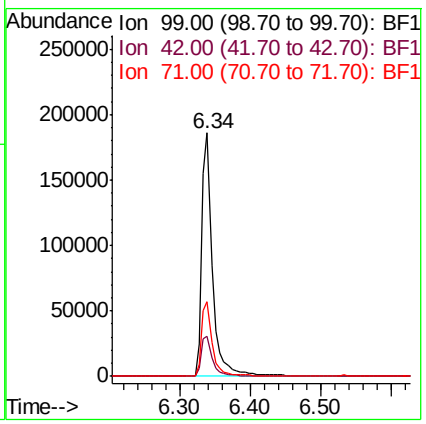


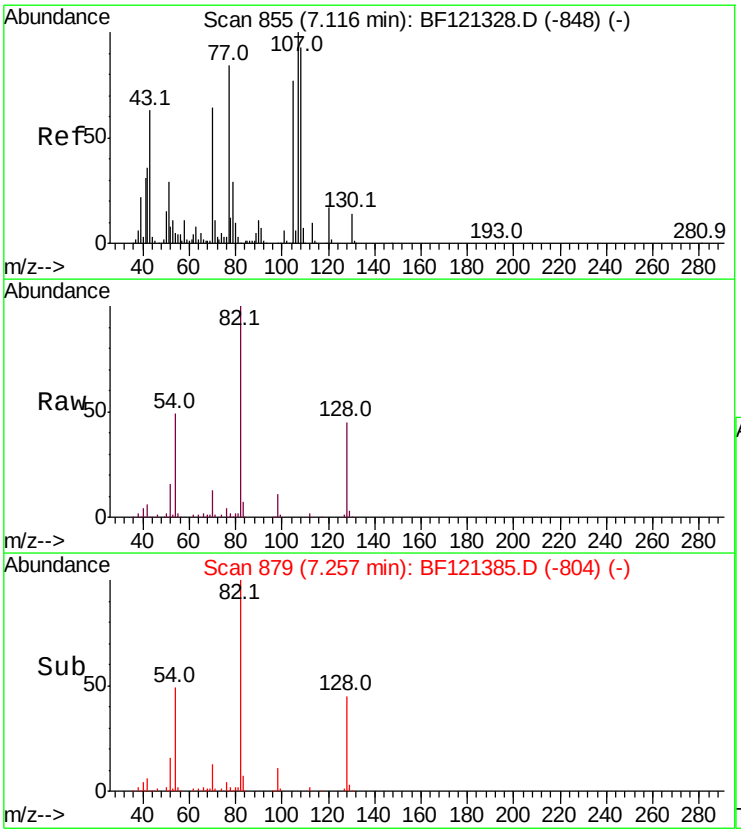
#7
Phenol-d6
Concen: 15.707 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1B

Tgt Ion: 99 Resp: 197792

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	30.6	25.2	37.8

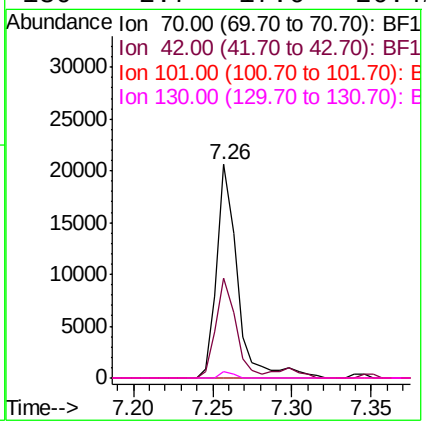


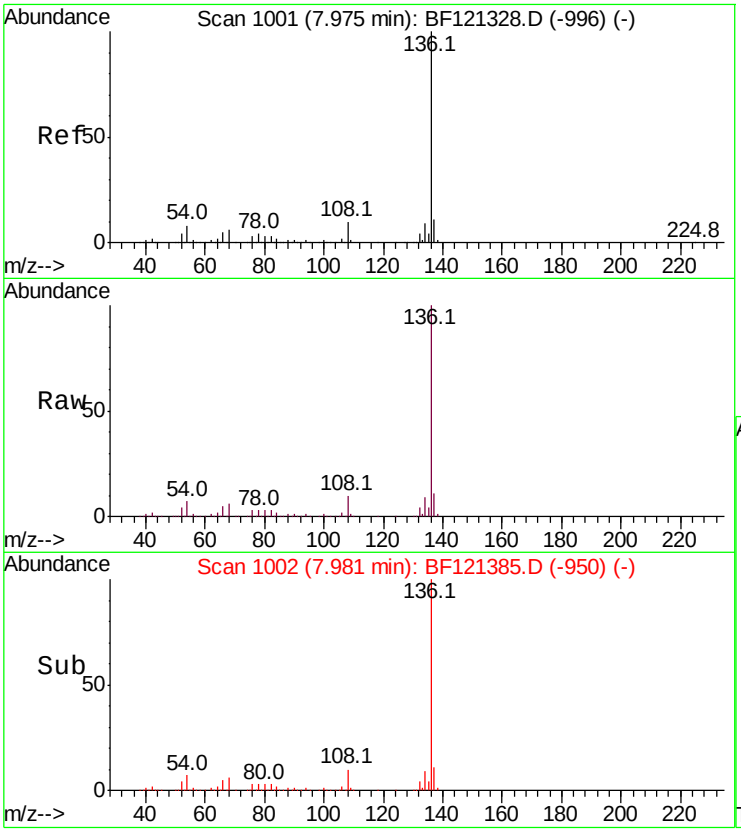


#19
n-Nitroso-di-n-propylamine
Concen: 2.799 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Tgt Ion: 70 Resp: 18957

Ion	Ratio	Lower	Upper
70	100		
42	46.7	45.2	67.8
101	0.0	7.7	11.5#
130	2.7	17.6	26.4#



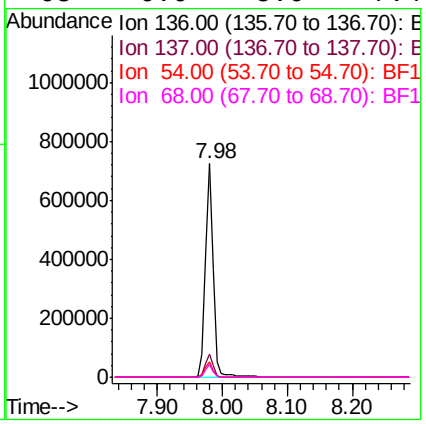


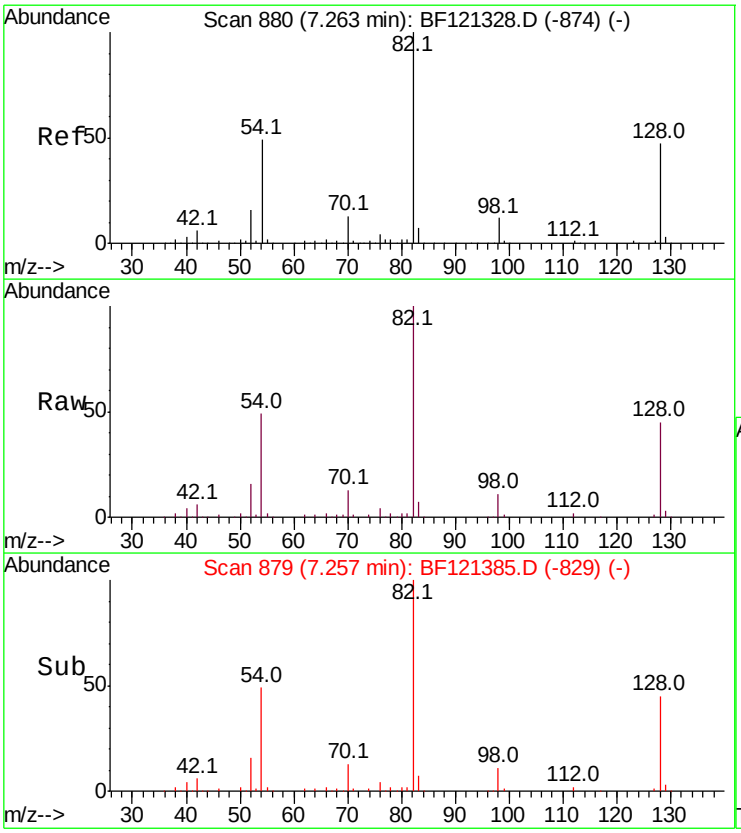
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1B

Tgt Ion:136 Resp: 609173

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	6.1	9.1
68	6.0	5.0	7.4

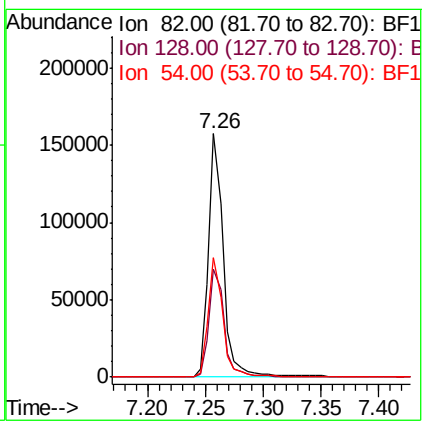


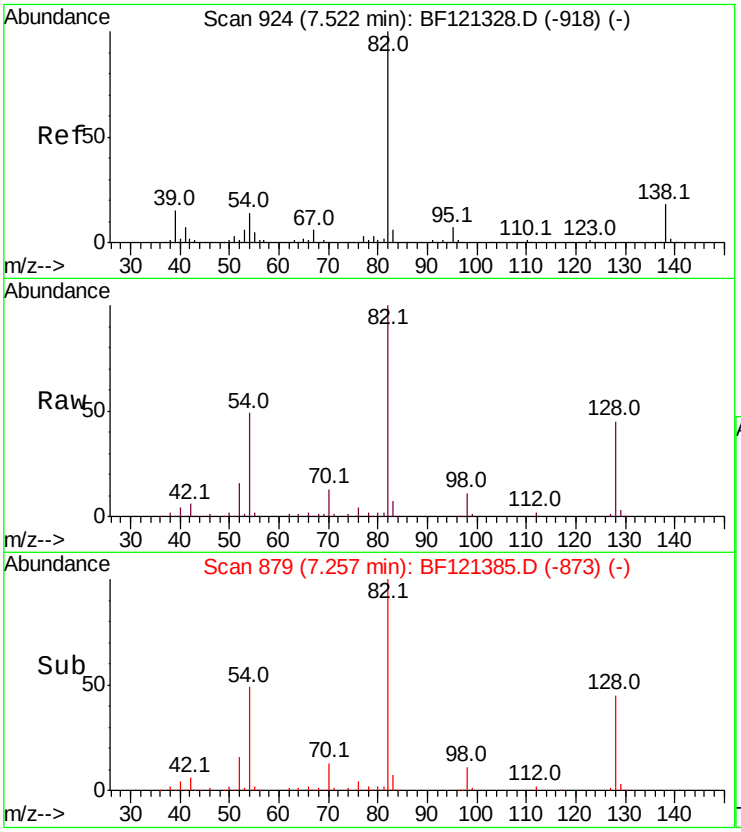


#23
Nitrobenzene-d5
Concen: 13.129 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Tgt Ion: 82 Resp: 141413

Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.9	56.9
54	49.2	39.0	58.4



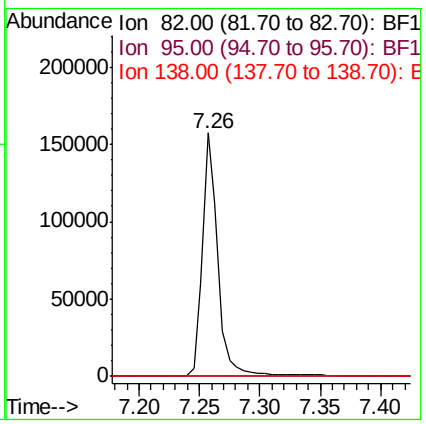


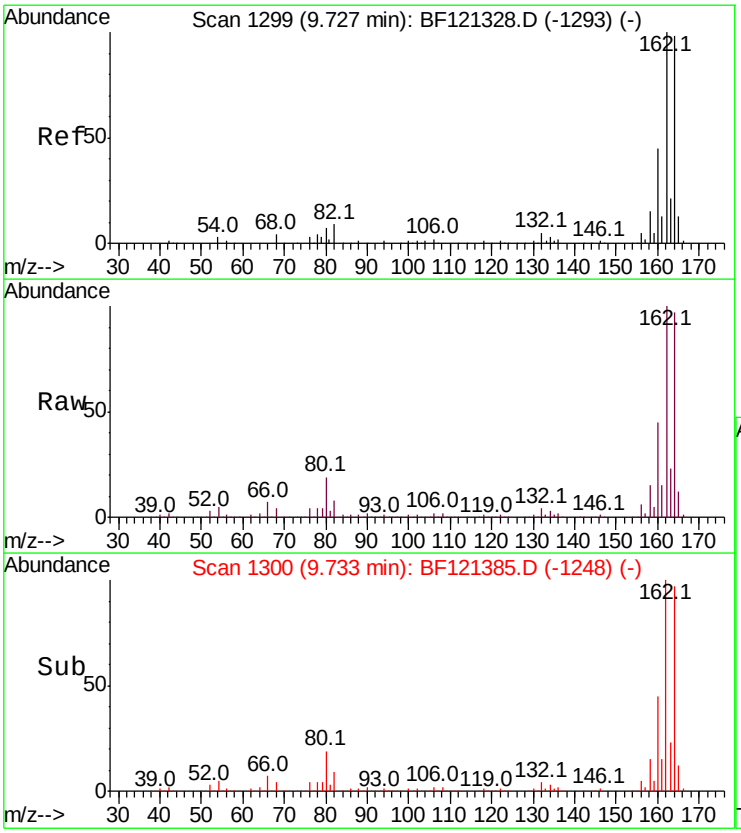
#25
Isophorone
Concen: 7.215 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1B

Tgt Ion: 82 Resp: 141431

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	14.6	21.8#

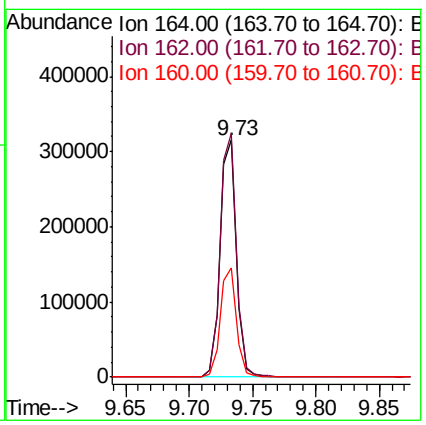


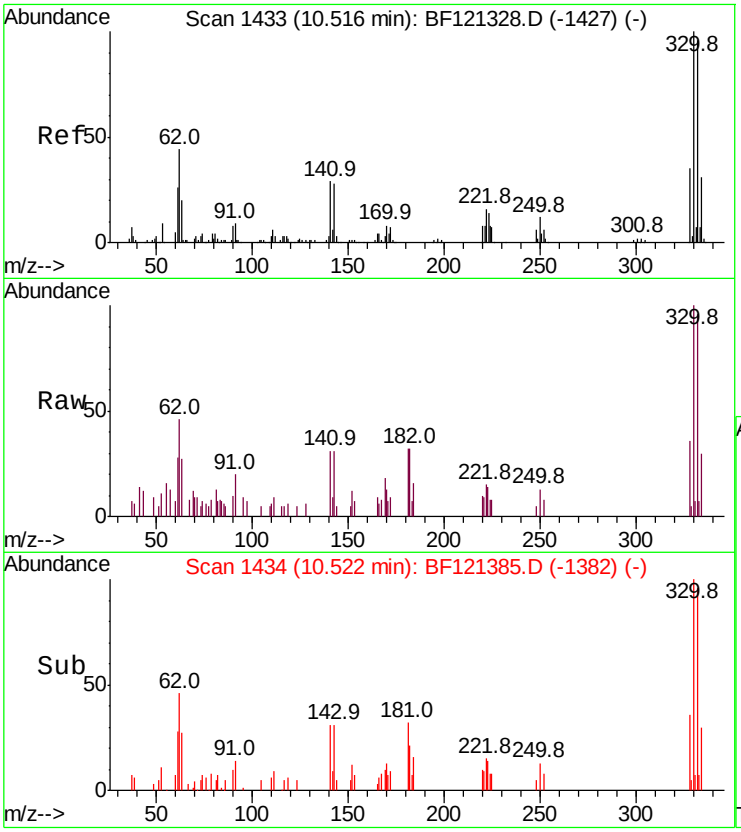


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Tgt Ion:164 Resp: 284030

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.7	122.5
160	46.1	37.0	55.4



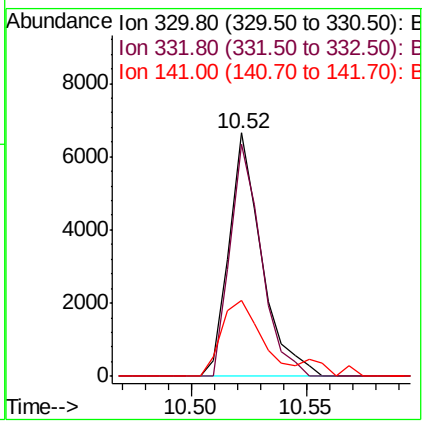


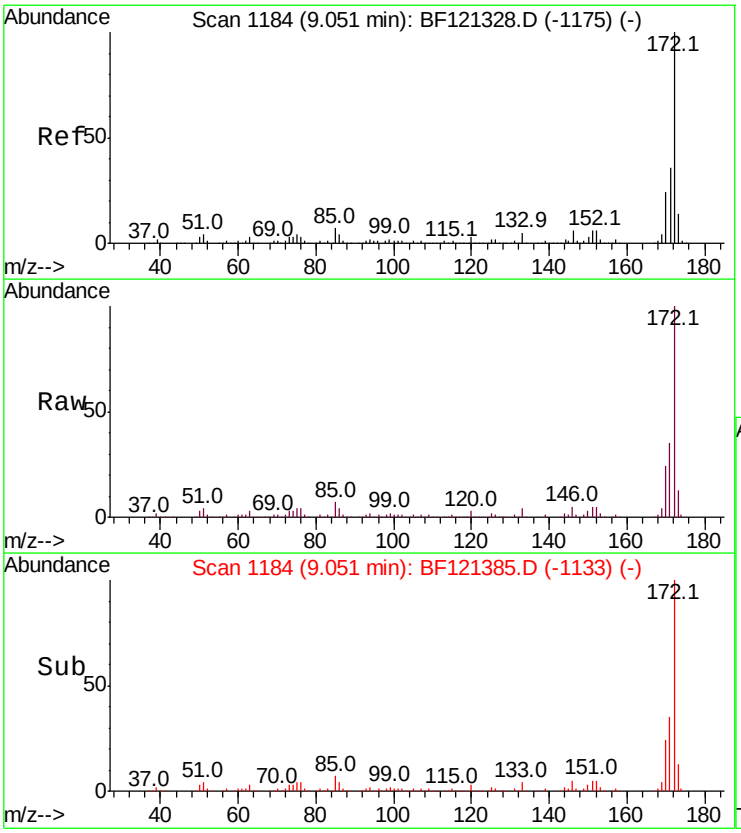
#42
2,4,6-Tribromophenol
Concen: 1.986 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1B

Tgt Ion:330 Resp: 6573

Ion	Ratio	Lower	Upper
330	100		
332	90.9	76.9	115.3
141	44.7	22.8	34.2#

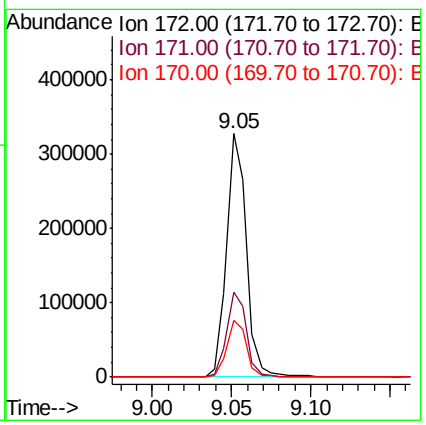


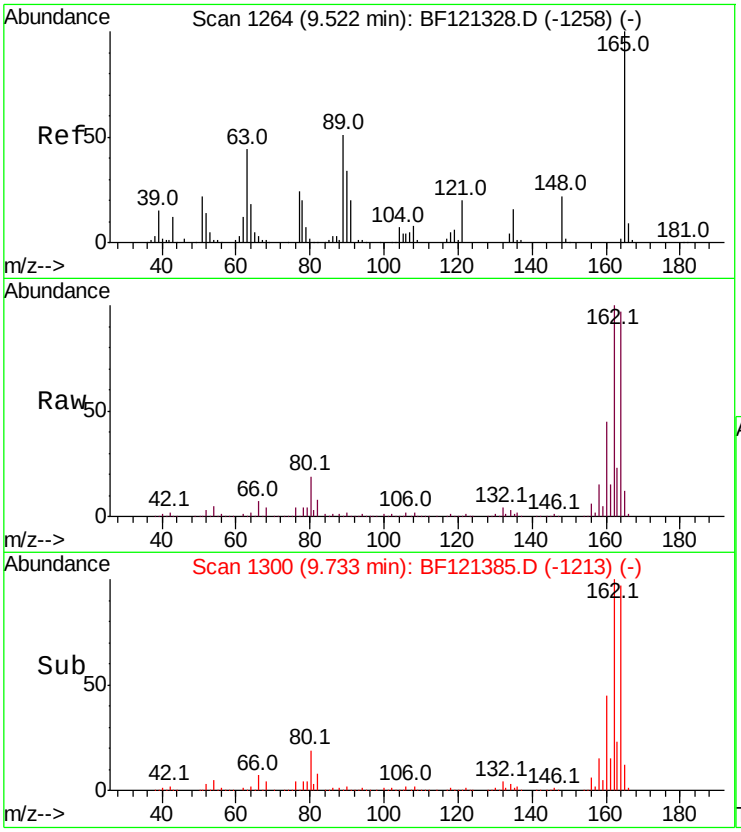


#45
2-Fluorobiphenyl
Concen: 7.474 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Tgt Ion:172 Resp: 285039

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.6
170	23.5	19.4	29.2



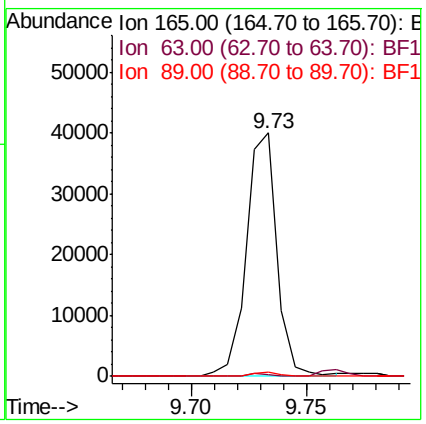


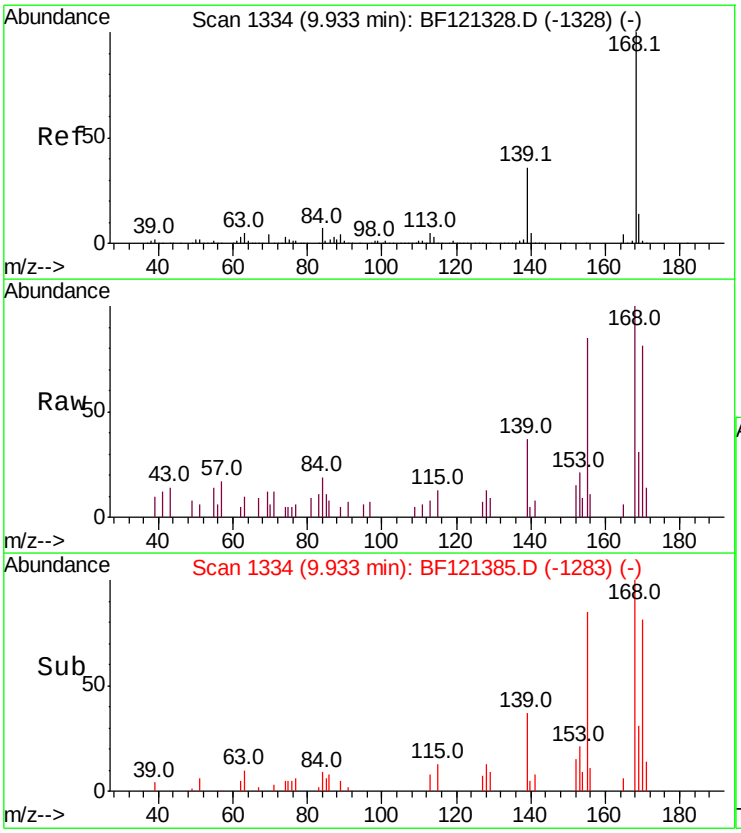
#51
2,6-Dinitrotoluene
Concen: 8.414 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1B

Tgt Ion:165 Resp: 37133

Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.5	57.7#
89	1.5	41.2	61.8#

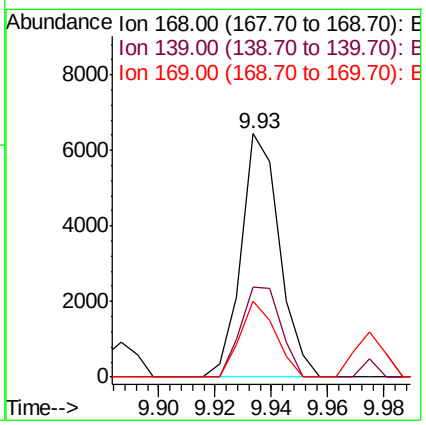


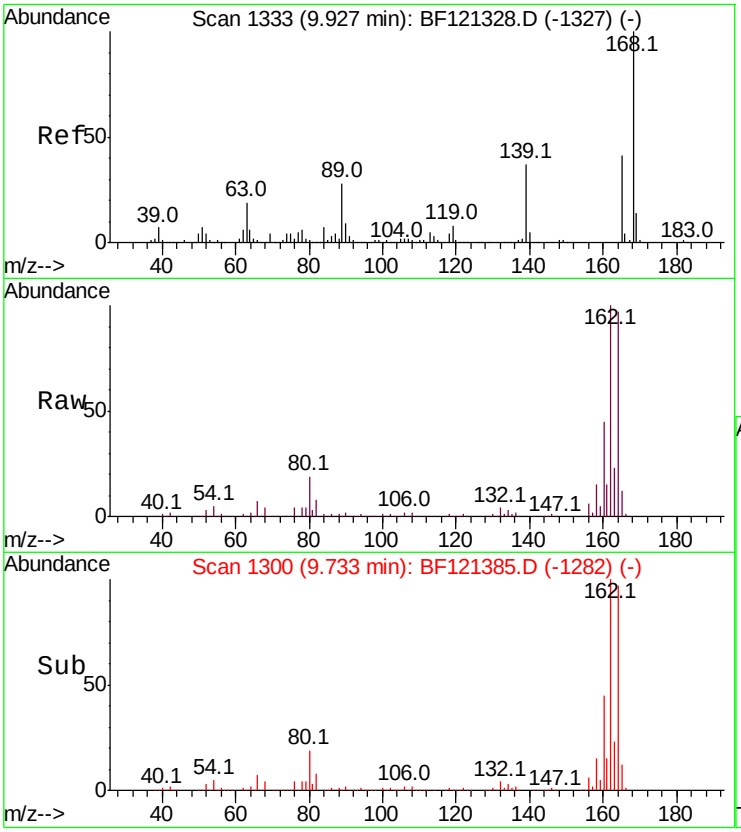


#55
Dibenzofuran
Concen: Below Cal
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Tgt Ion:168 Resp: 6075

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.1	43.7
169	31.3	11.0	16.6#



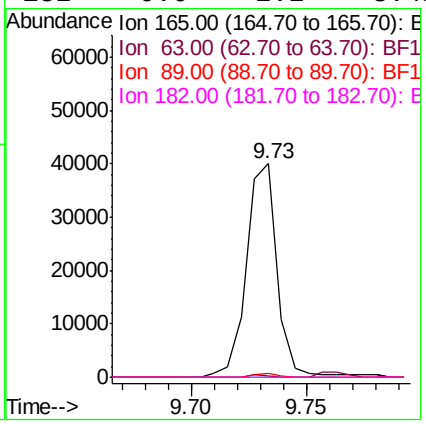


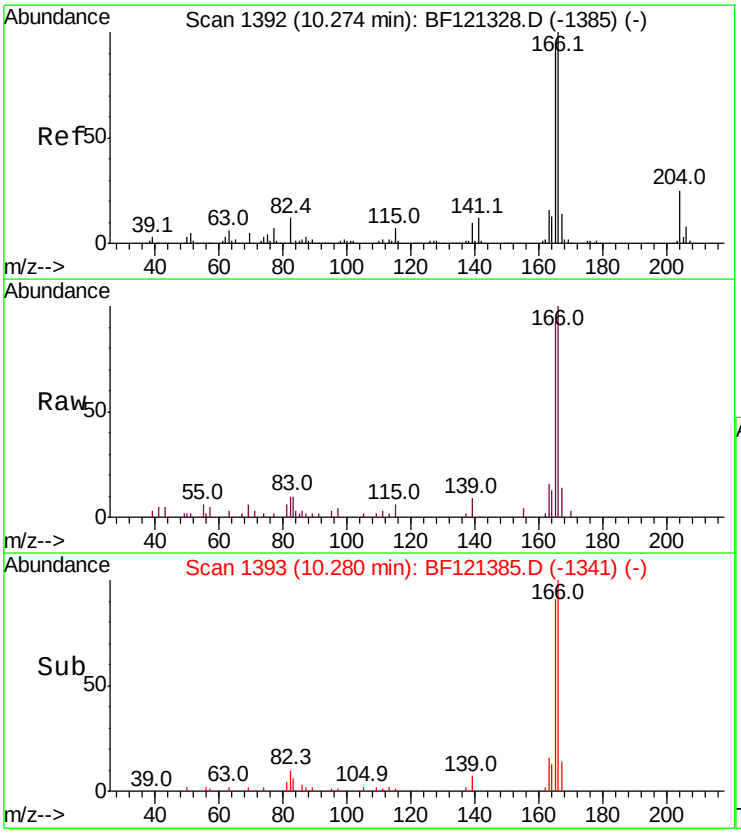
#57
2,4-Dinitrotoluene
Concen: 6.897 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.19 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1B

Tgt Ion:165 Resp: 37133

Ion	Ratio	Lower	Upper
165	100		
63	0.9	37.5	56.3#
89	1.5	54.2	81.4#
182	0.0	2.2	3.4#

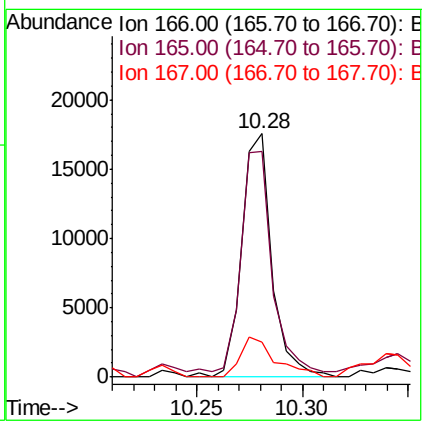


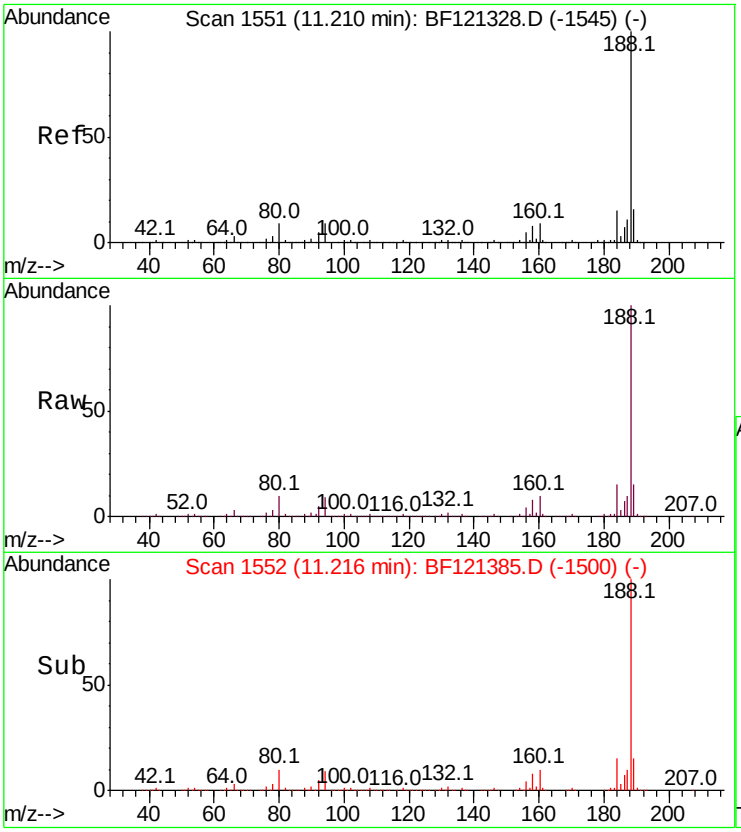


#58
Fluorene
Concen: Below Cal
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Tgt Ion:166 Resp: 17414

Ion	Ratio	Lower	Upper
166	100		
165	92.7	75.8	113.8
167	14.2	11.0	16.4



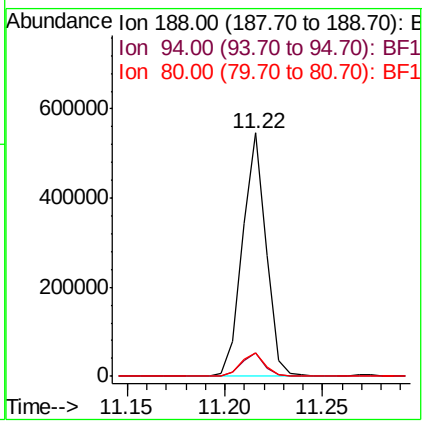


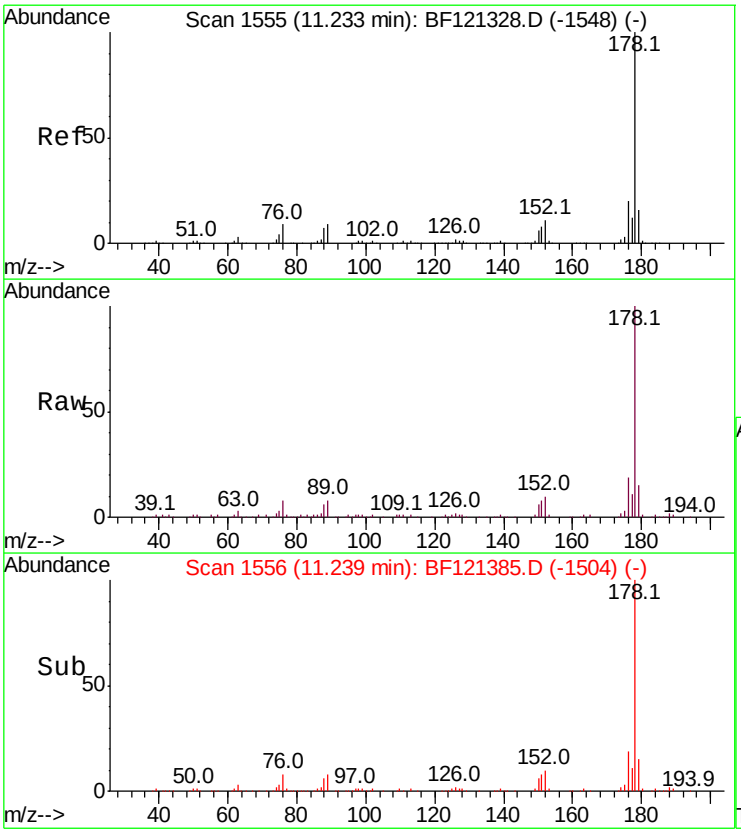
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1B

Tgt Ion:188 Resp: 456948

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	9.8	7.4	11.0

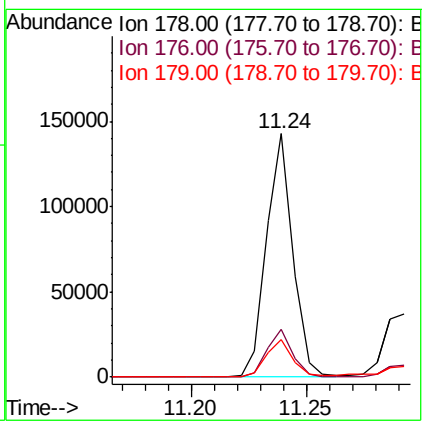


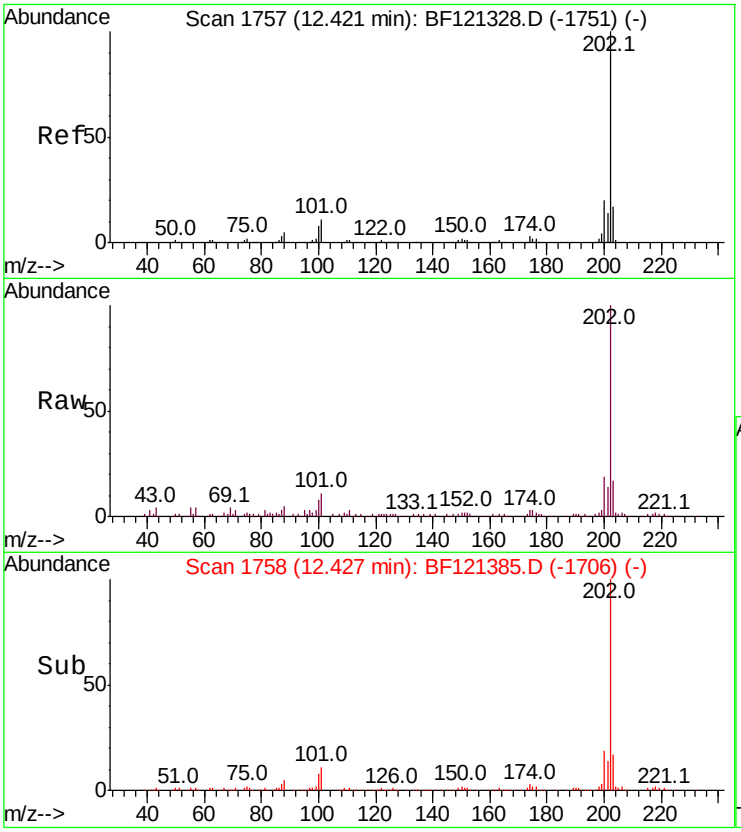


#71
Phenanthrene
Concen: 4.807 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Tgt Ion:178 Resp: 113688

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.2	12.8	19.2



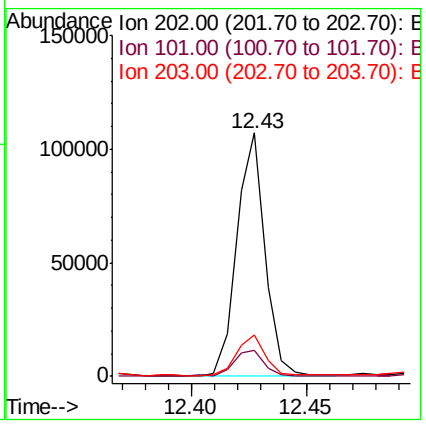


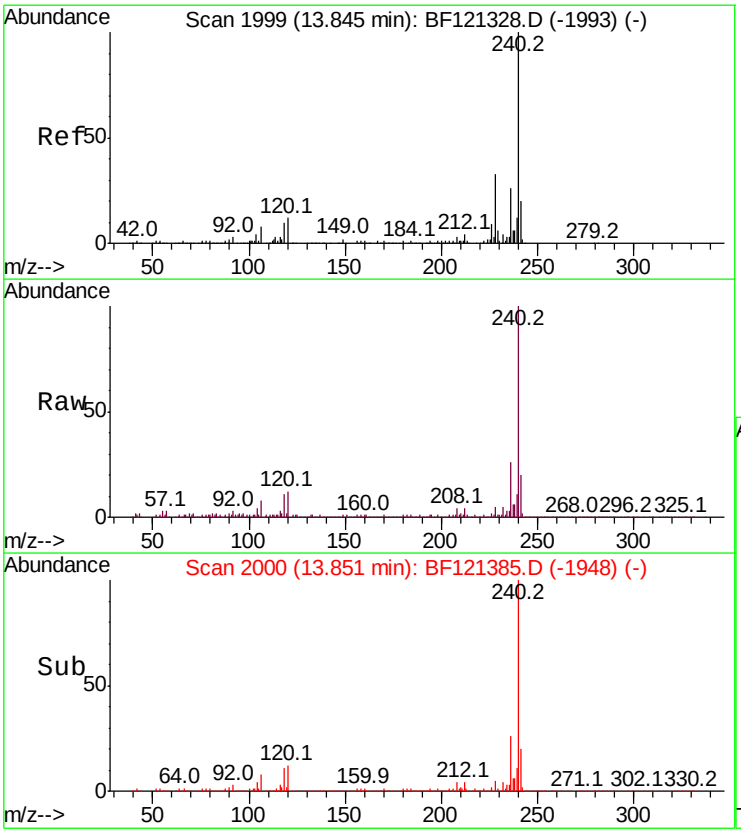
#75
Fluoranthene
Concen: 3.520 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1B

Tgt Ion:202 Resp: 90346

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.6
203	16.9	0.0	37.5

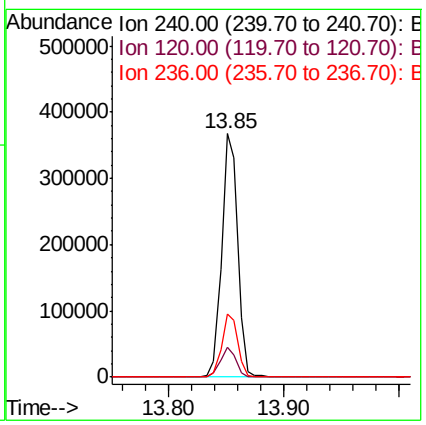


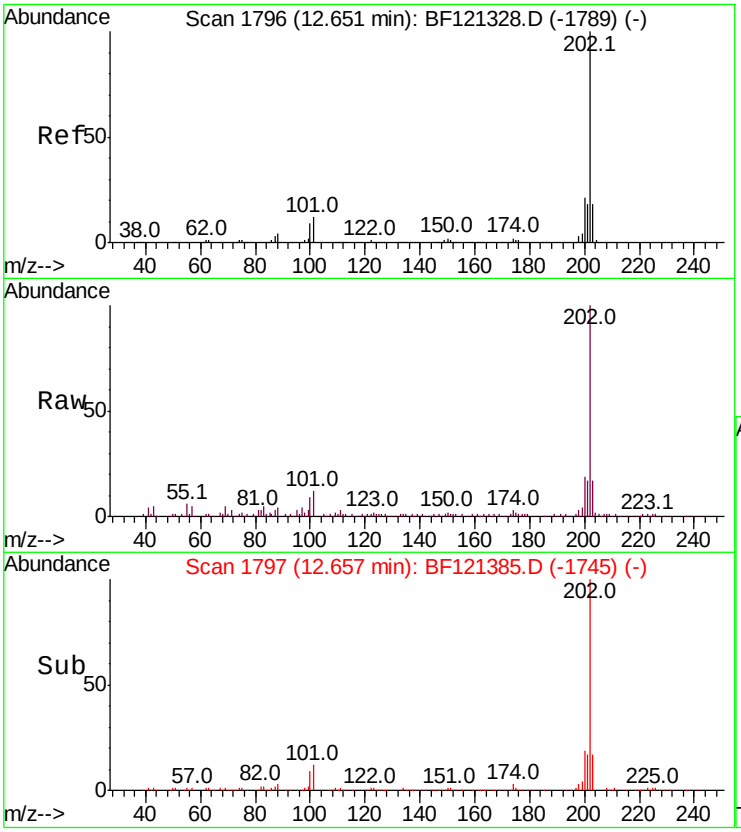


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Tgt Ion:240 Resp: 350542

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.6	14.4
236	25.8	20.6	31.0



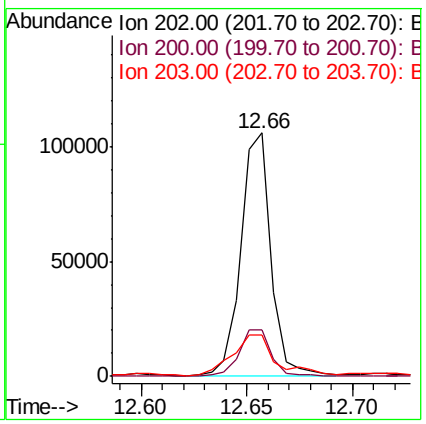


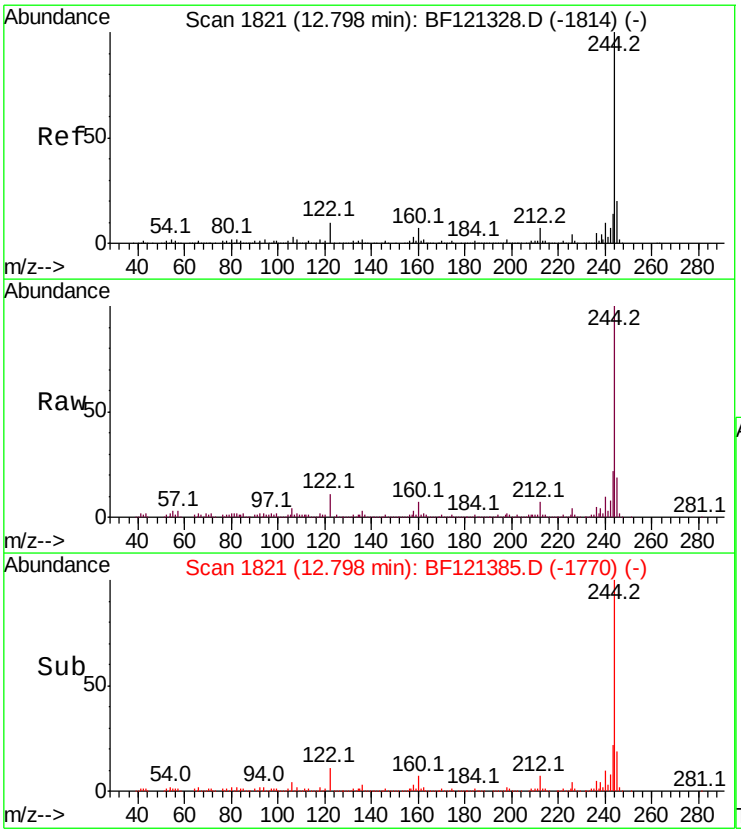
#78
Pyrene
Concen: 3.959 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1B

Tgt Ion:202 Resp: 104259

Ion	Ratio	Lower	Upper
202	100		
200	19.0	16.6	24.8
203	17.1	14.2	21.2

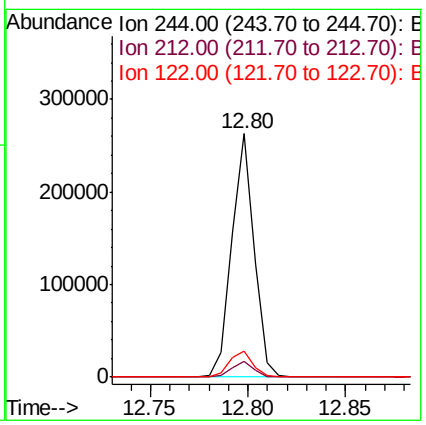


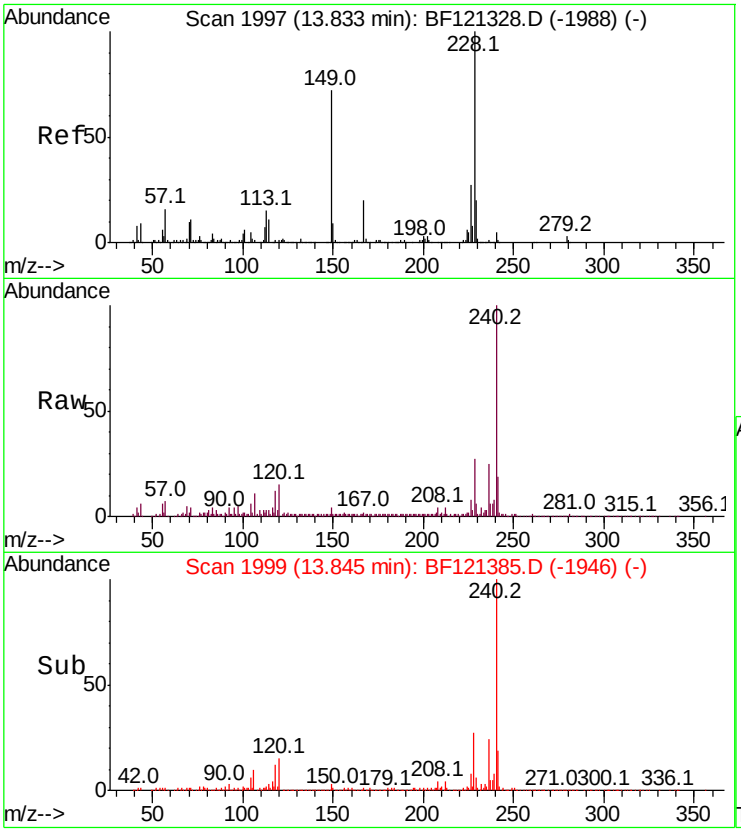


#79
Terphenyl-d14
Concen: 11.632 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Tgt Ion:244 Resp: 208663

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.7	7.8	11.8



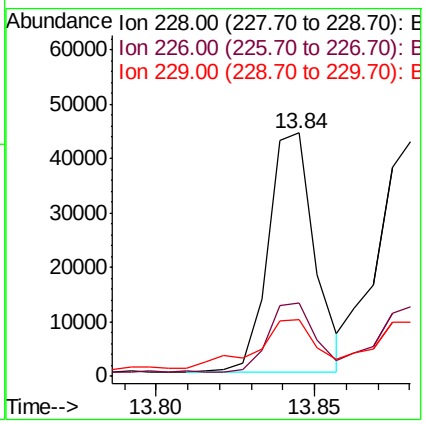


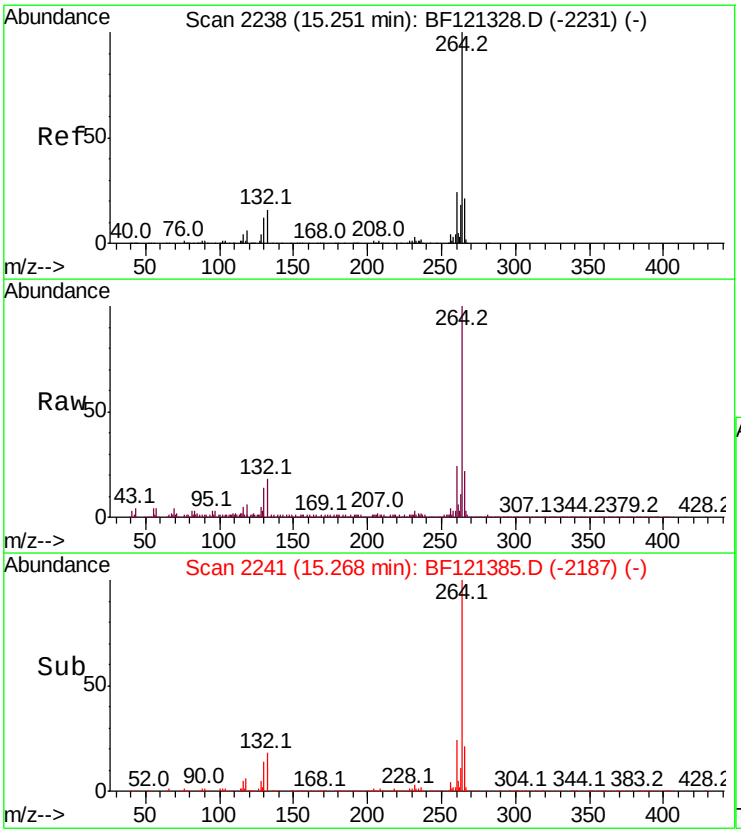
#81
Benzo(a)anthracene
Concen: 2.070 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1B

Tgt Ion:228 Resp: 45064

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.8	32.6
229	23.6	15.8	23.8

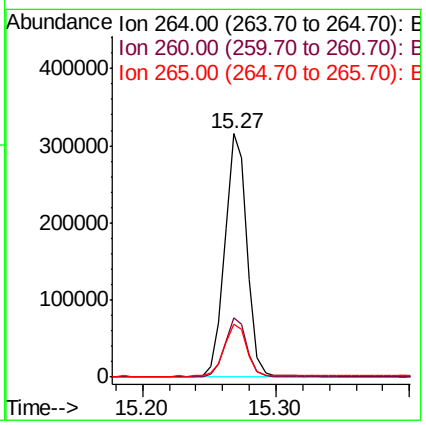


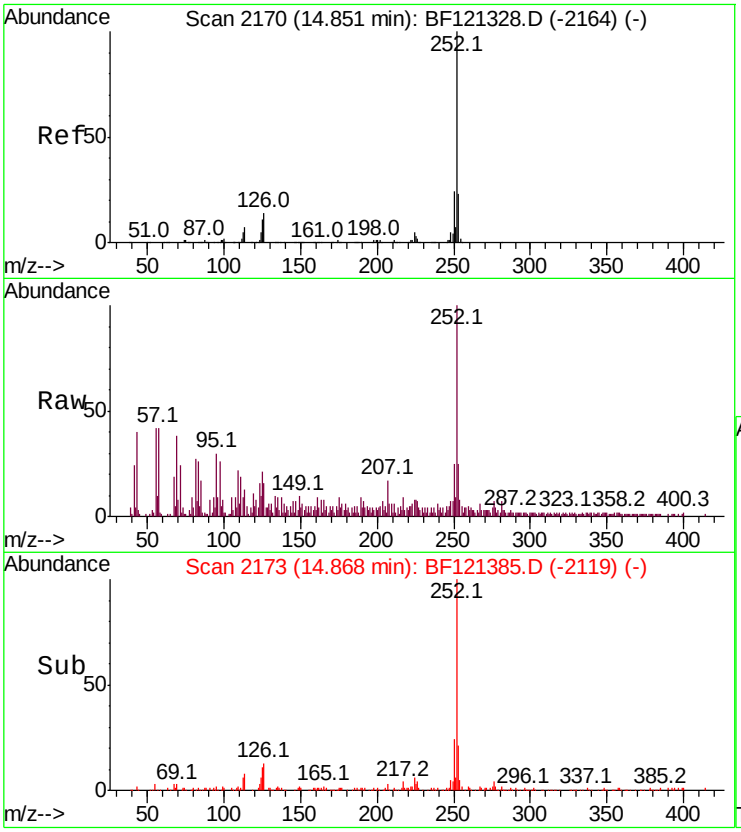


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Tgt Ion:264 Resp: 367535

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.9	17.1	25.7



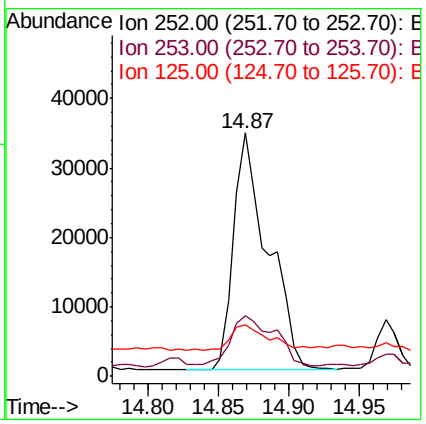


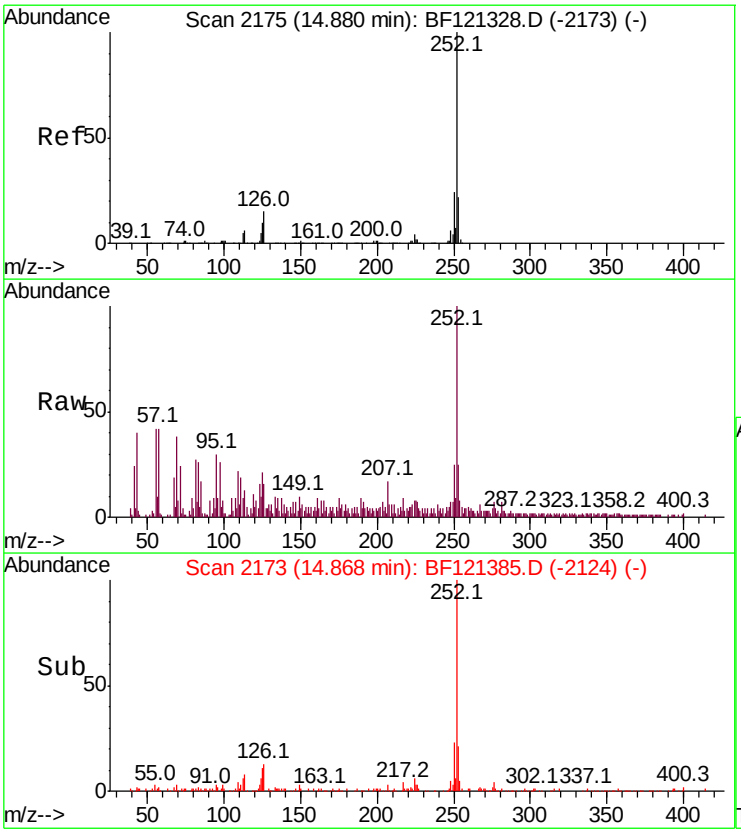
#88
Benzo(b)fluoranthene
Concen: 2.452 ng
RT: 14.87 min Scan# 2173
Delta R.T. 0.02 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1B

Tgt Ion:252 Resp: 58222

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	21.2	8.6	12.8#





#89
Benzo(k)fluoranthene
Concen: 2.786 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Tgt Ion:252 Resp: 58222

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	21.2	8.6	12.8#