

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121381.D
 Acq On : 21 Aug 2020 22:22
 Operator : JU/CG
 Sample : L3734-04 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1C

Manual Integrations
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Quant Time: Aug 31 09:02:08 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	6.69	152	163613	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	621020	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	300362	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	500827	20.00	ng	0.00
76) Chrysene-d12	13.85	240	336914	20.00	ng	0.00
86) Perylene-d12	15.27	264	377437	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	104421	10.47	ng	0.00
7) Phenol-d6	6.33	99	446838	35.08	ng	0.00
23) Nitrobenzene-d5	7.26	82	323296	29.44	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	7078	2.02	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	605626	30.40	ng	0.00
79) Terphenyl-d14	12.80	244	450626	26.14	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	59775	2.735	ng	Qvalue 100
71) Phenanthrene	11.23	178	169896	6.555	ng	99
75) Fluoranthene	12.42	202	224159	7.967	ng	98
78) Pyrene	12.65	202	211899	8.373	ng	100
81) Benzo(a)anthracene	13.84	228	109621	5.238	ng	95
83) Chrysene	13.87	228	99387	4.644	ng	97
84) Bis(2-ethylhexyl)phthalate	13.83	149	82954	6.487	ng	99
88) Benzo(b)fluoranthene	14.87	252	126629m	5.193	ng	
89) Benzo(k)fluoranthene	14.89	252	43580m	2.030	ng	
90) Benzo(a)pyrene	15.21	252	92991	4.414	ng	# 91
92) Benzo(g,h,i)perylene	17.04	276	54484	2.950	ng	# 89

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

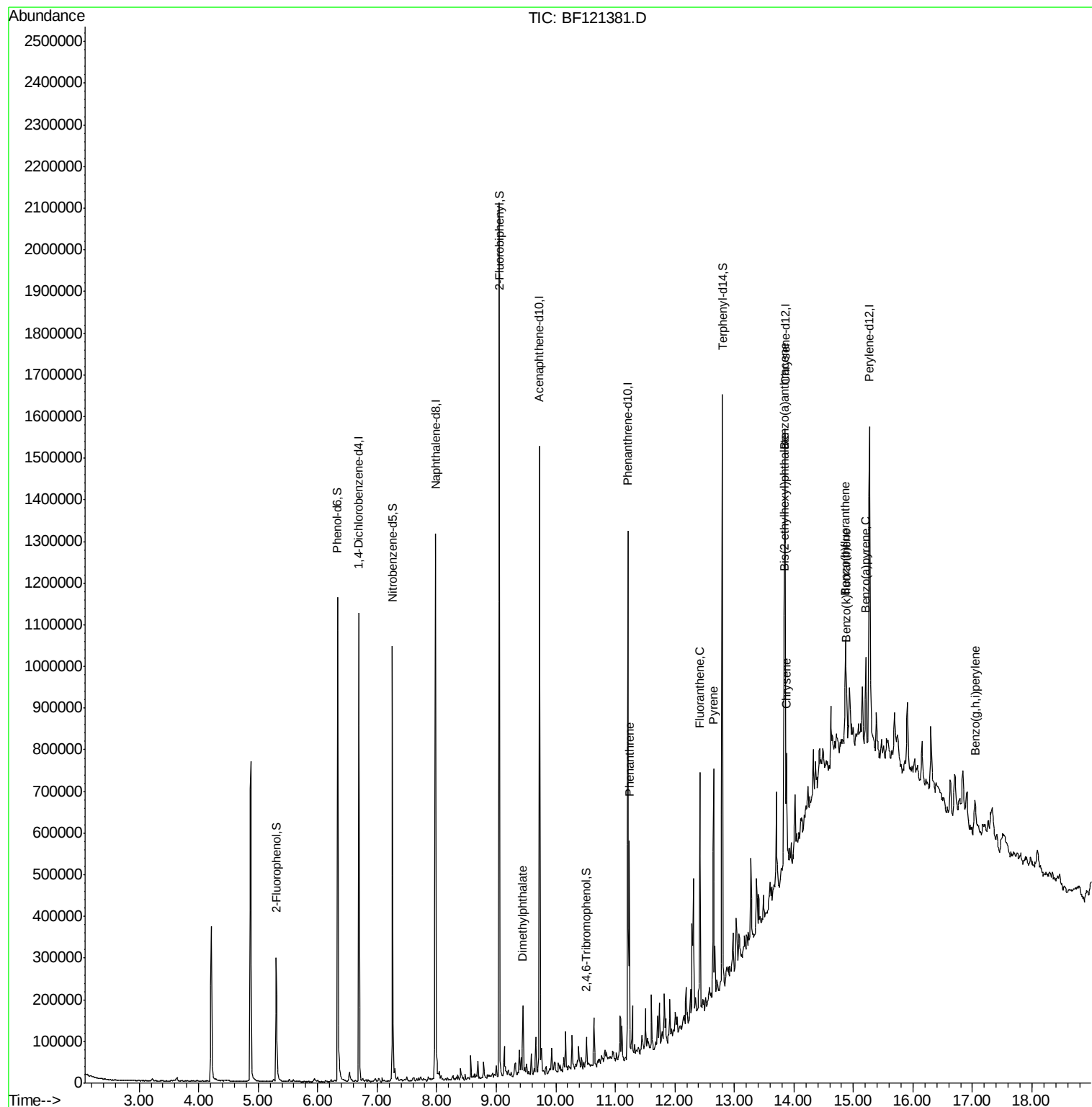
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121381.D
Acq On : 21 Aug 2020 22:22
Operator : JU/CG
Sample : L3734-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

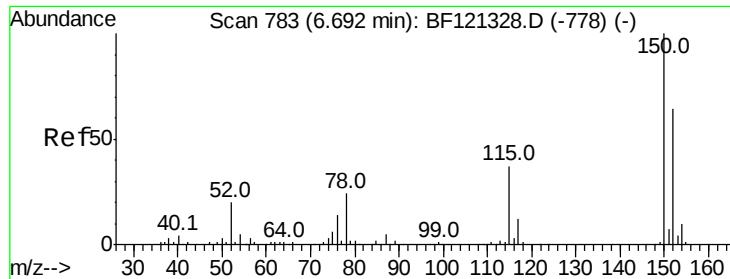
Instrument :
BNA_F
ClientSampleId :
EROC-BF-1C

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Quant Time: Aug 31 09:02:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

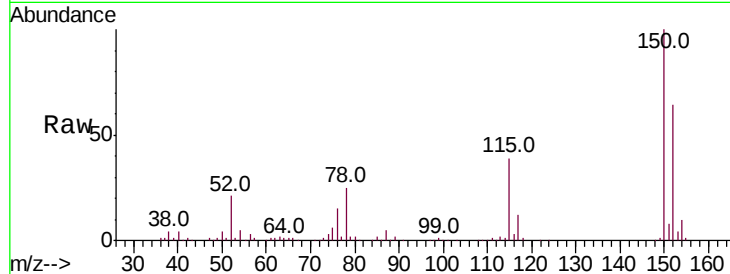
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121381.D
Acq: 21 Aug 2020 22:22

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.8	187.2
115	60.6	46.1	69.1

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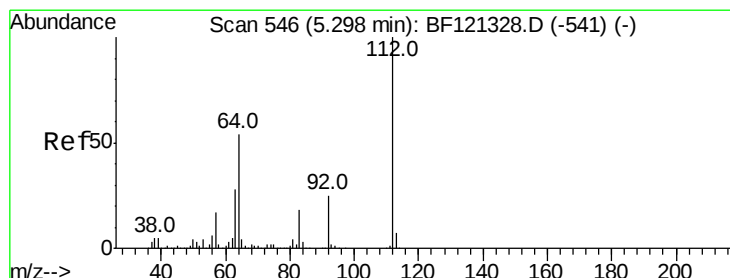
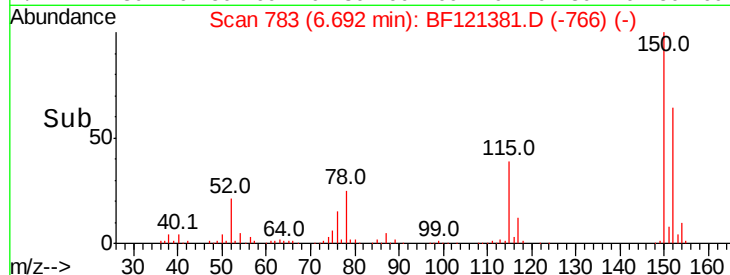
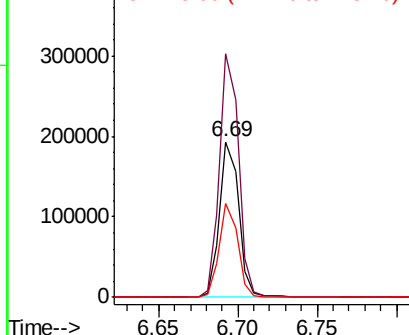


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

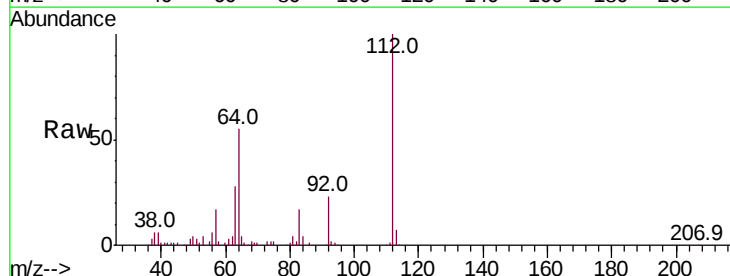
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 10.465 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF121381.D
Acq: 21 Aug 2020 22:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	43.5	65.3
63	27.9	22.0	33.0

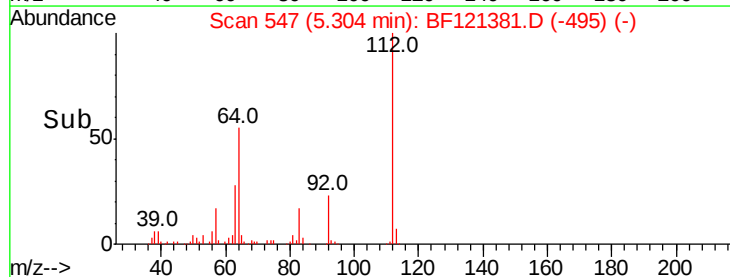
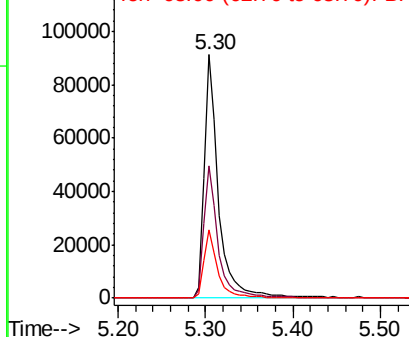


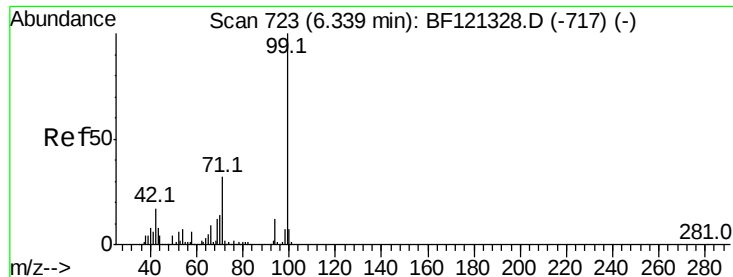
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 35.080 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF121381.D

Acq: 21 Aug 2020 22:22

Instrument :

BNA_F

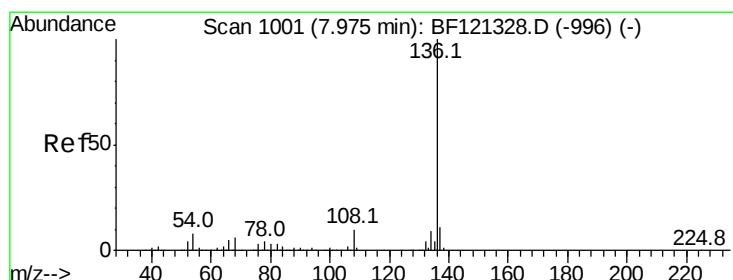
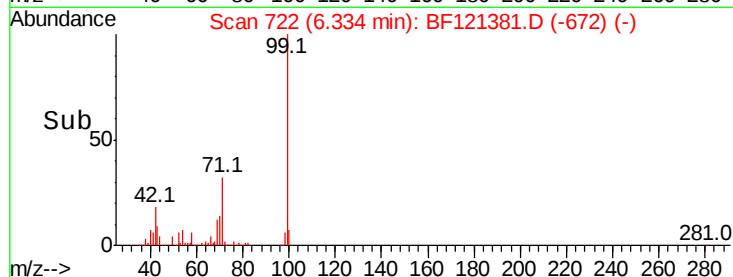
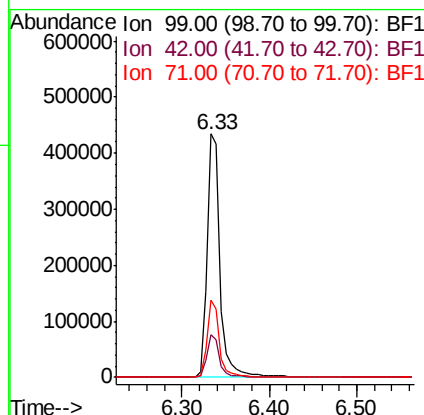
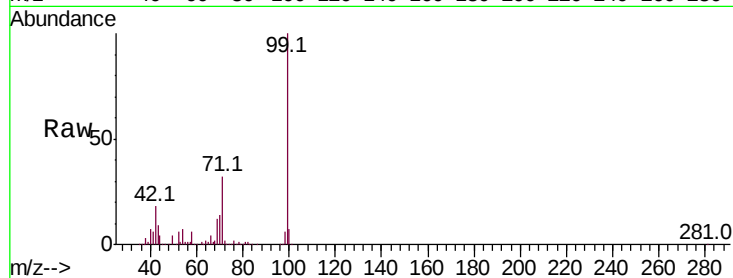
ClientSampled :

EROC-BF-1C

Tot Ion:	99	Resp:	446838
Ion Ratio	Lower	Upper	
99	100		
42	17.6	13.5	20.3
71	31.6	25.2	37.8

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#21

Naphthalene-d8

Concen: 20.000 ng

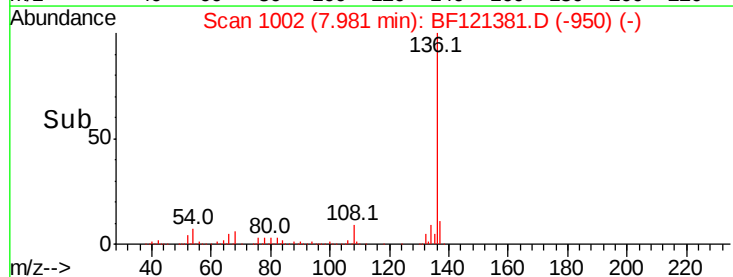
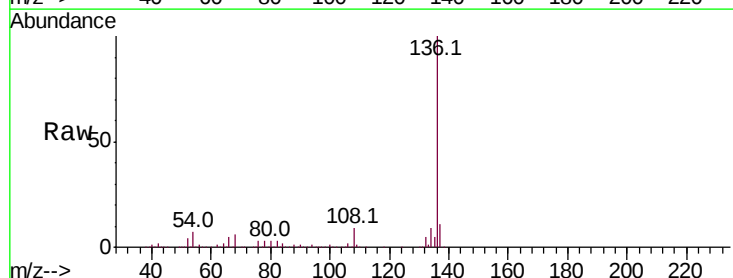
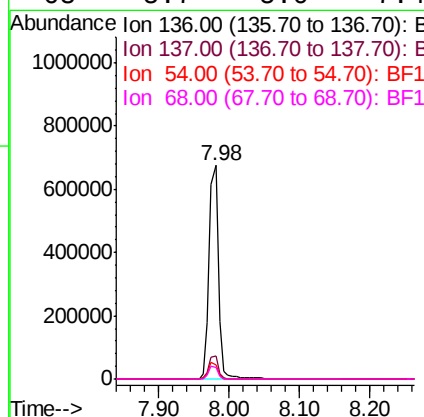
RT: 7.98 min Scan# 1002

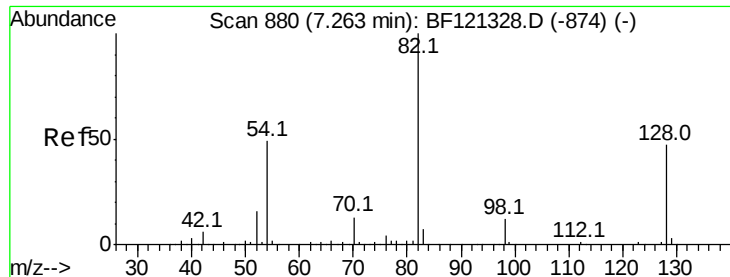
Delta R.T. 0.01 min

Lab File: BF121381.D

Acq: 21 Aug 2020 22:22

Tgt Ion:	136	Resp:	621020
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	6.7	6.1	9.1
68	5.7	5.0	7.4





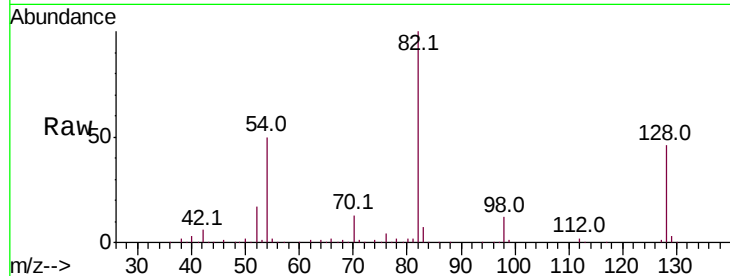
#23
 Nitrobenzene-d5
 Concen: 29.442 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121381.D
 Acq: 21 Aug 2020 22:22

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1C

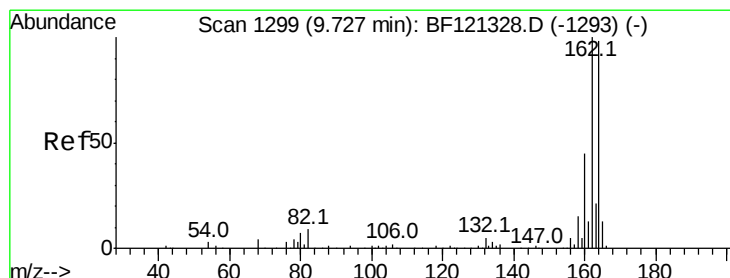
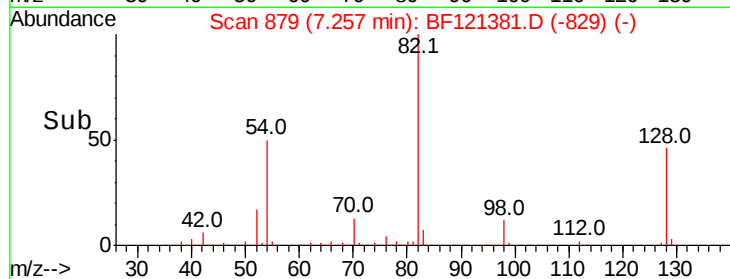
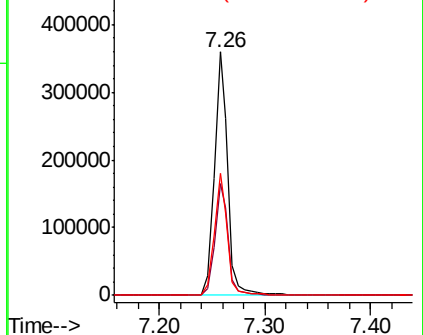
Tot Ion	82	Resp	323296
Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.9	56.9
54	49.9	39.0	58.4

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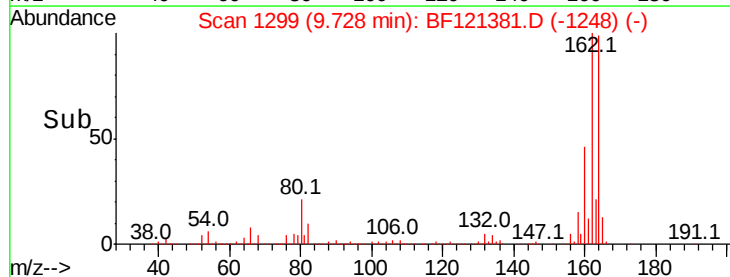
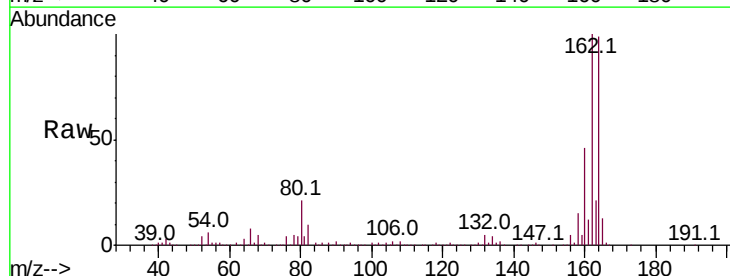
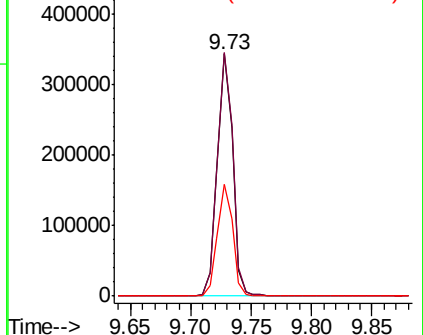
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

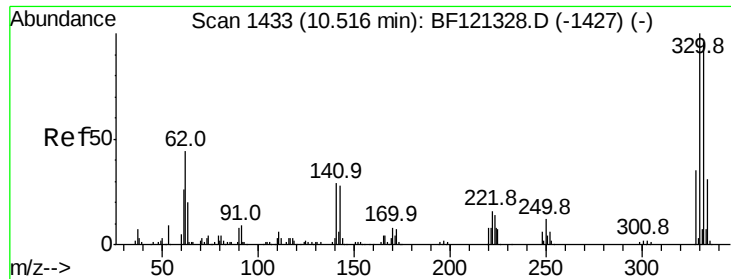


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF121381.D
 Acq: 21 Aug 2020 22:22

Tgt Ion	164	Resp	300362
Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.7	122.5
160	46.2	37.0	55.4

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





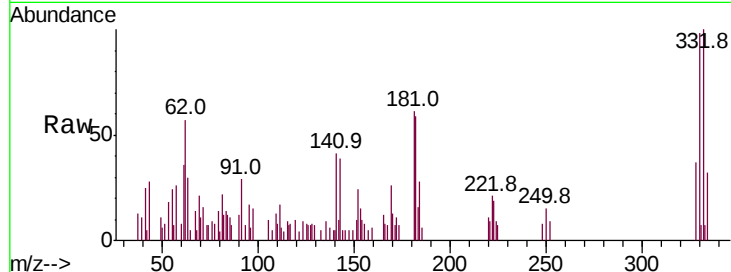
#42
 2,4,6-Tribromophenol
 Concen: 2.022 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121381.D
 Acq: 21 Aug 2020 22:22

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1C

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	76.9	115.3
141	41.1	22.8	34.2

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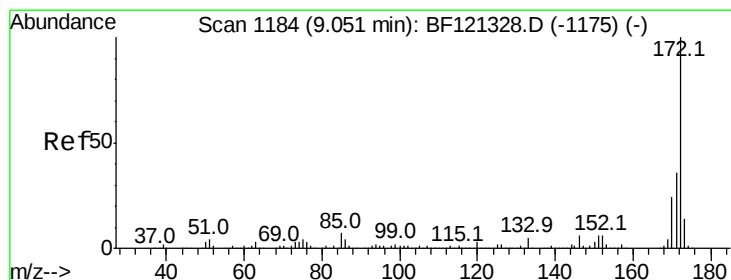
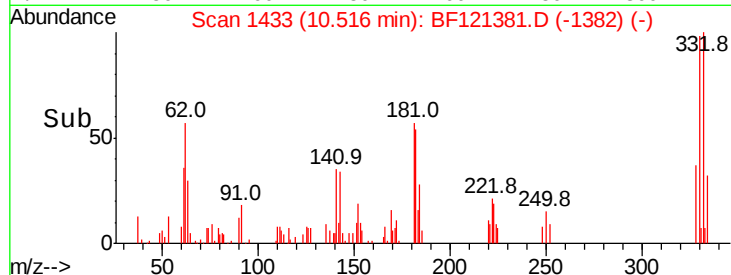
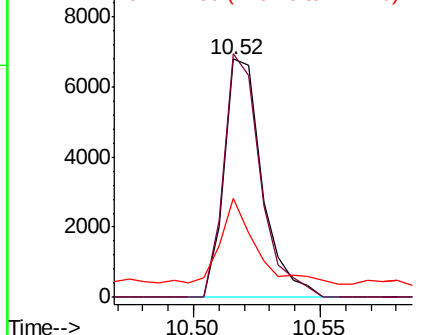


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 30.404 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121381.D
 Acq: 21 Aug 2020 22:22

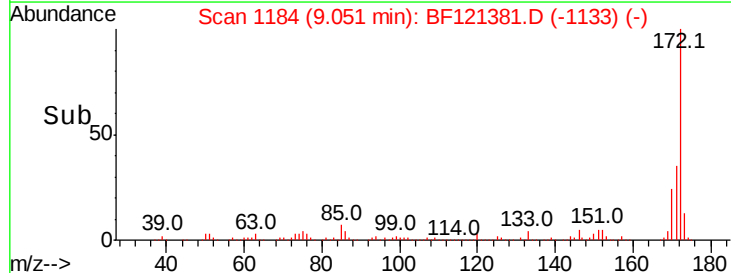
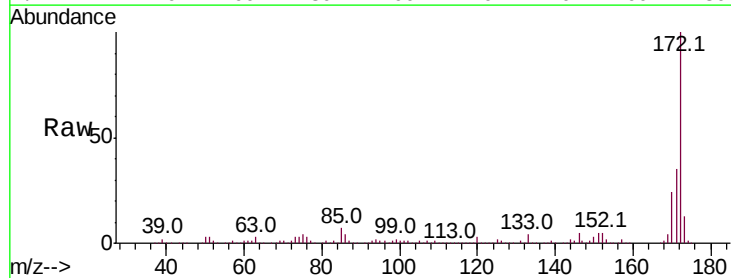
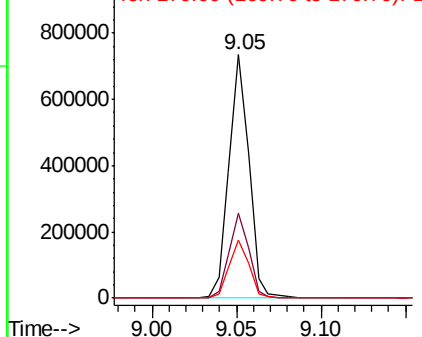
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.6
170	23.8	19.4	29.2

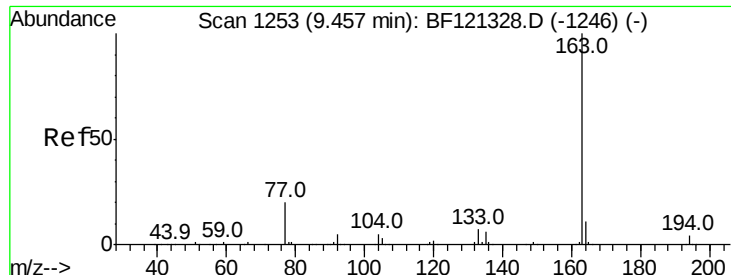
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





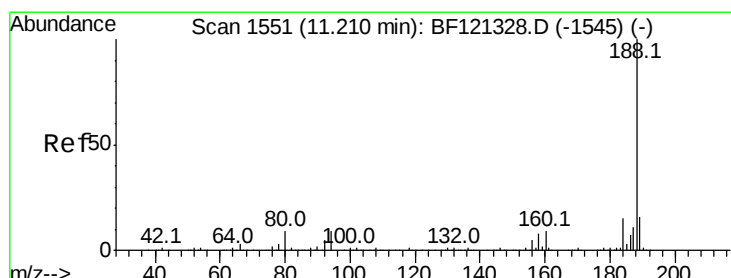
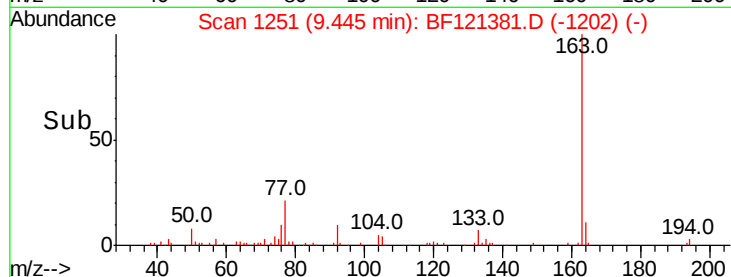
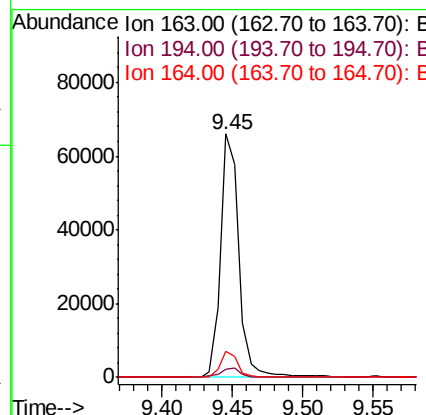
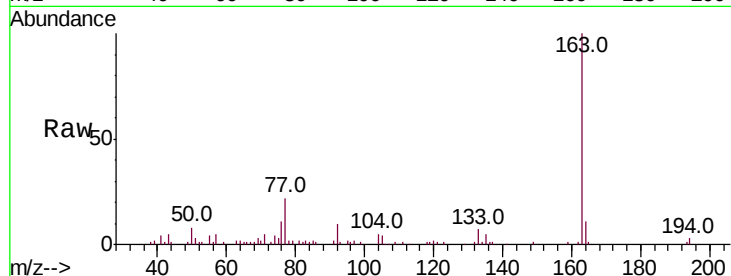
#50
 Dimethylphthalate
 Concen: 2.735 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF121381.D
 Acq: 21 Aug 2020 22:22

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1C

Tot Ion:	163	Resp:	59775
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.0	4.6
164	10.6	8.4	12.6

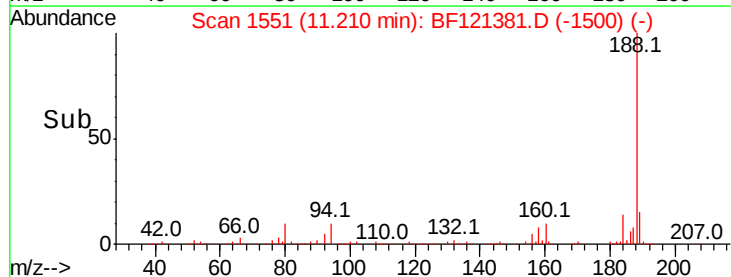
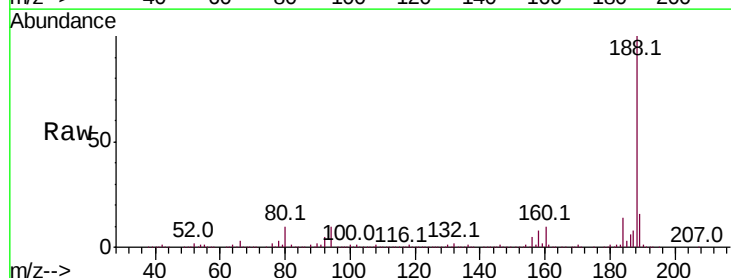
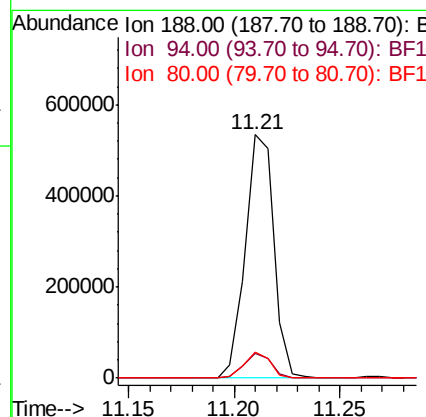
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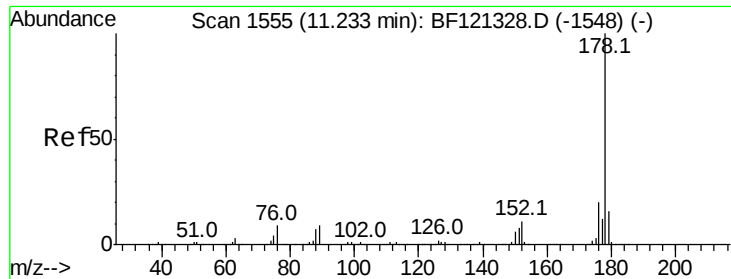
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF121381.D
 Acq: 21 Aug 2020 22:22

Tgt Ion:	188	Resp:	500827
Ion Ratio	Lower	Upper	
188	100		
94	10.0	7.2	10.8
80	10.5	7.4	11.0





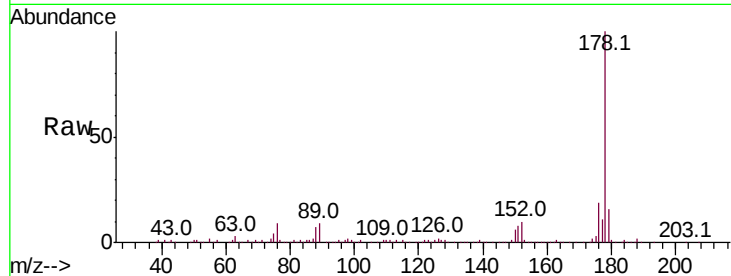
#71
Phenanthrene
Concen: 6.555 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF121381.D
Acq: 21 Aug 2020 22:22

Instrument :
BNA_F
ClientSampleId :
ERO-C-BF-1C

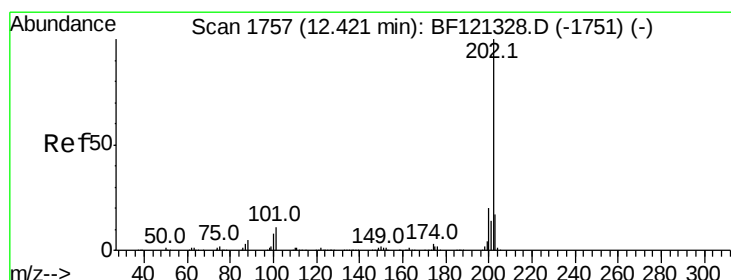
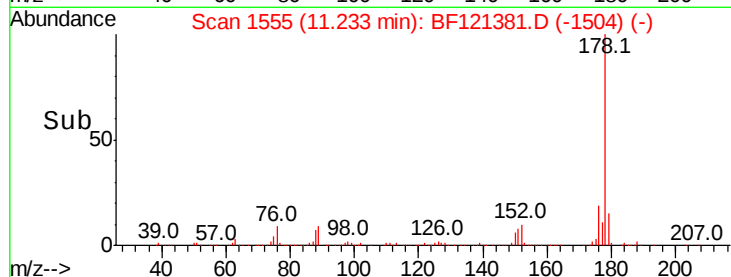
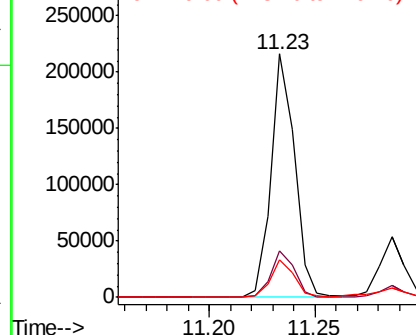
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	15.7	12.8	19.2

Manual Integrations
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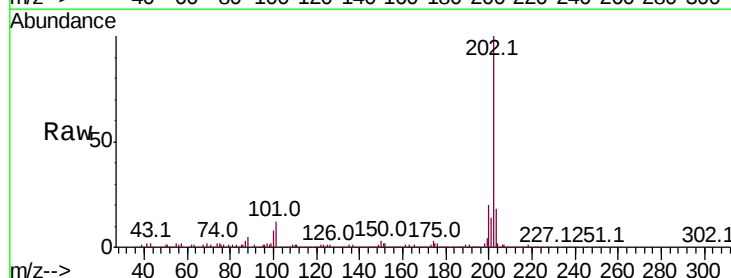


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

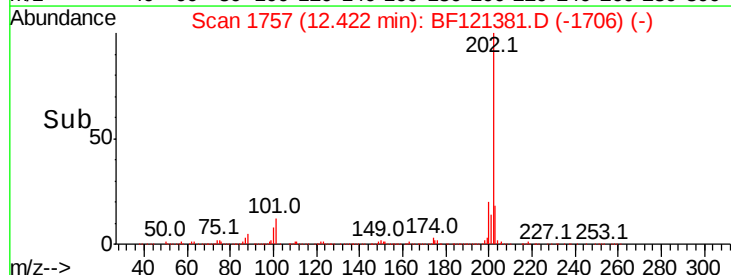
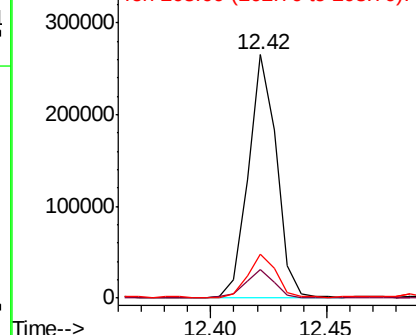


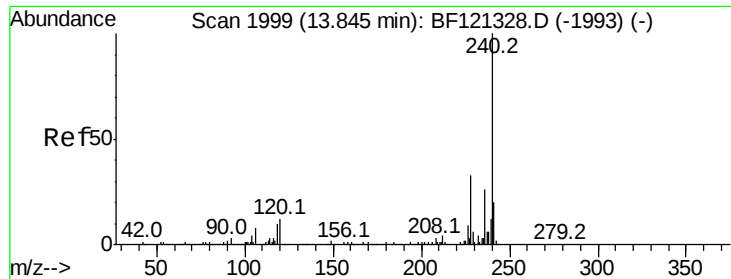
#75
Fluoranthene
Concen: 7.967 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF121381.D
Acq: 21 Aug 2020 22:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.6
203	17.9	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





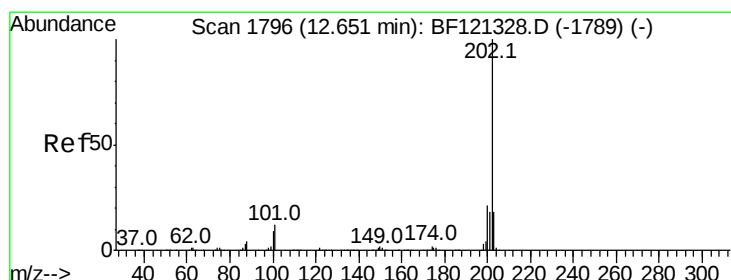
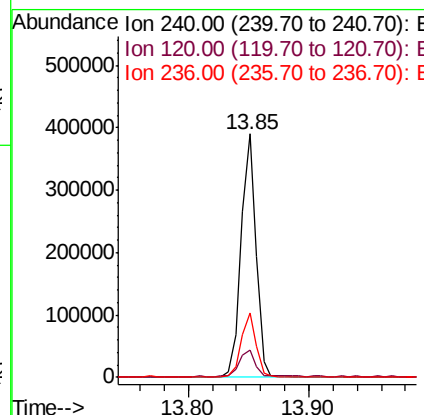
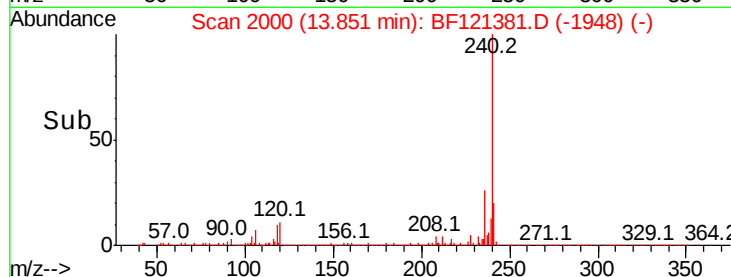
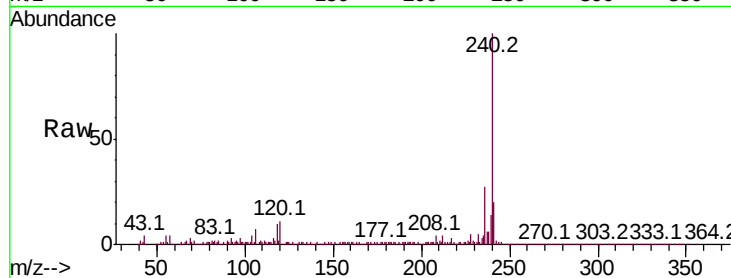
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF121381.D
Acq: 21 Aug 2020 22:22

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1C

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.6	14.4
236	26.5	20.6	31.0

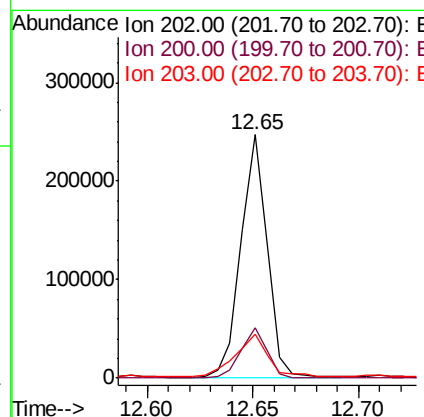
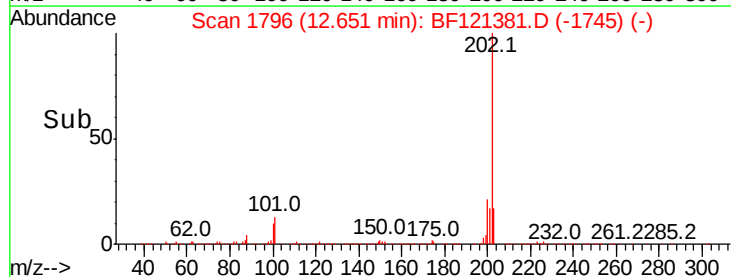
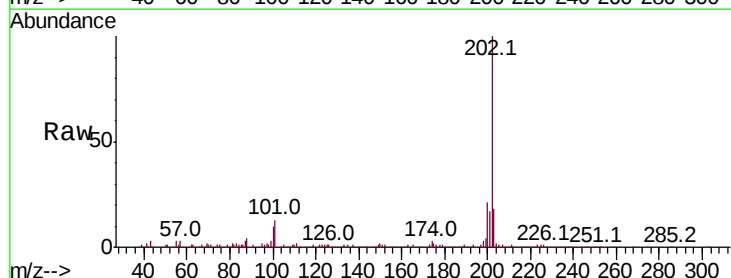
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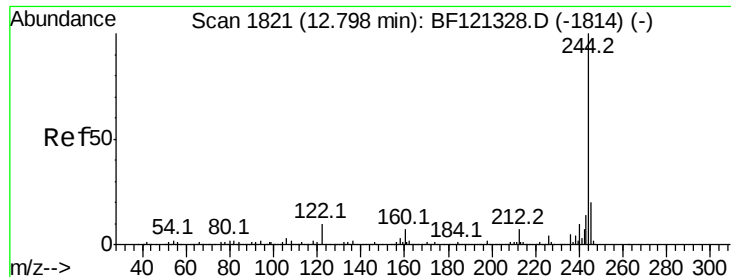
Sohil
8/24/2020 1:50:11 PM



#78
Pyrene
Concen: 8.373 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF121381.D
Acq: 21 Aug 2020 22:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	18.0	14.2	21.2





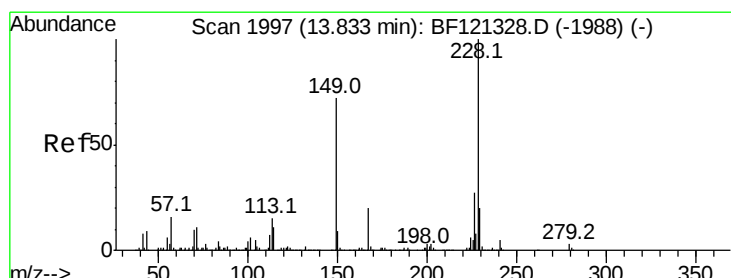
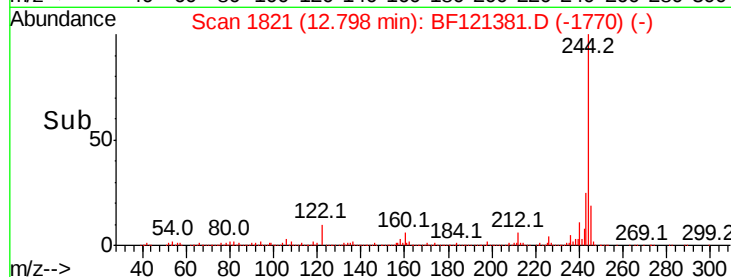
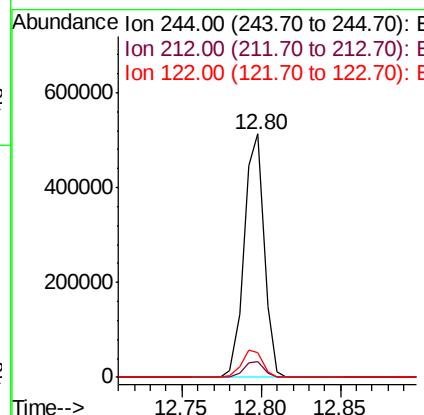
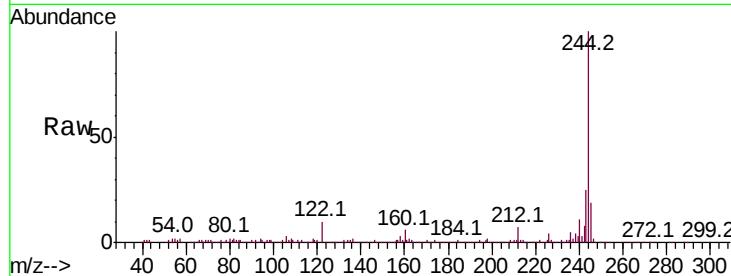
#79
 Terphenyl-d14
 Concen: 26.137 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF121381.D
 Acq: 21 Aug 2020 22:22

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.0	7.8	11.8

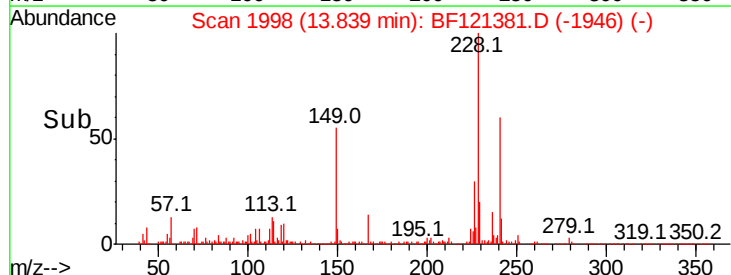
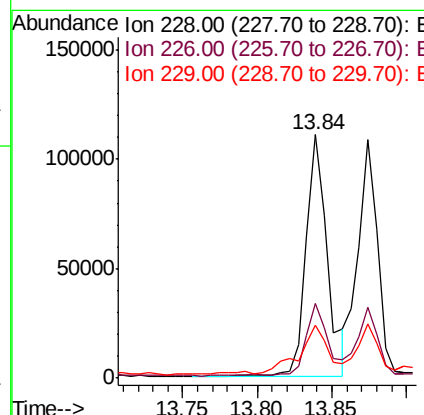
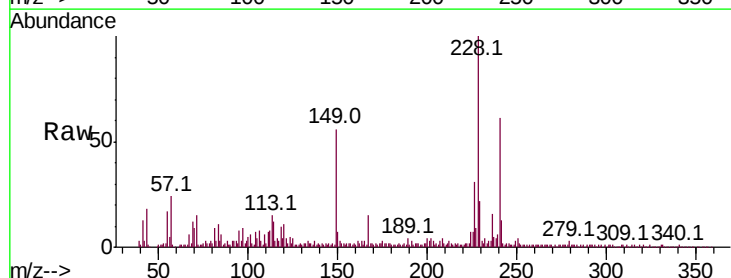
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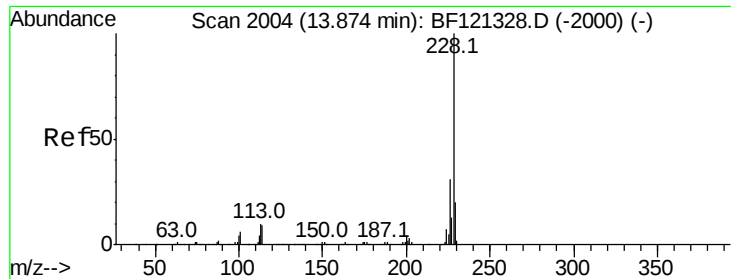
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#81
 Benzo(a)anthracene
 Concen: 5.238 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BF121381.D
 Acq: 21 Aug 2020 22:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.8	32.6
229	21.6	15.8	23.8





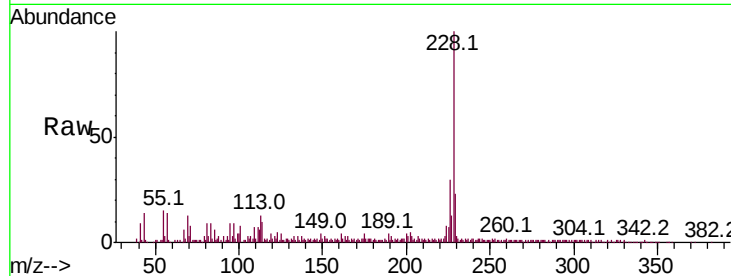
#83
Chrysene
Concen: 4.644 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF121381.D
Acq: 21 Aug 2020 22:22

Instrument :
BNA_F
ClientSampled :
EROC-BF-1C

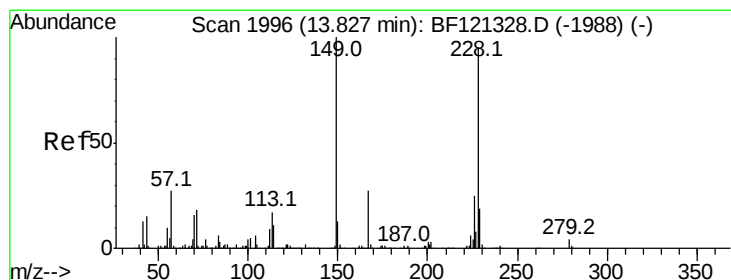
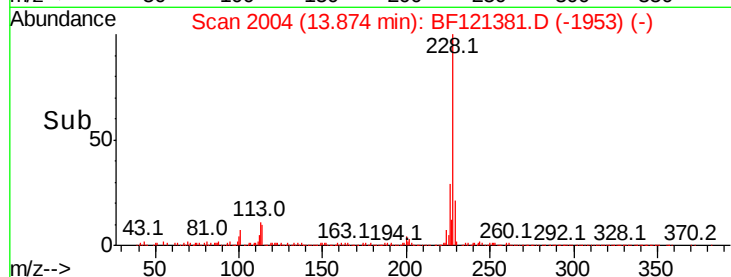
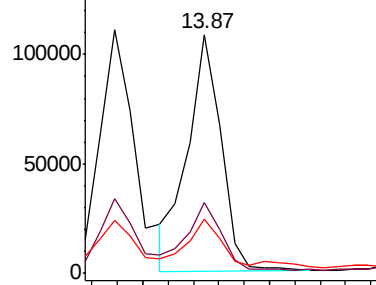
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	36.8
229	22.6	15.9	23.9

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8/24/2020 1:50:11 PM



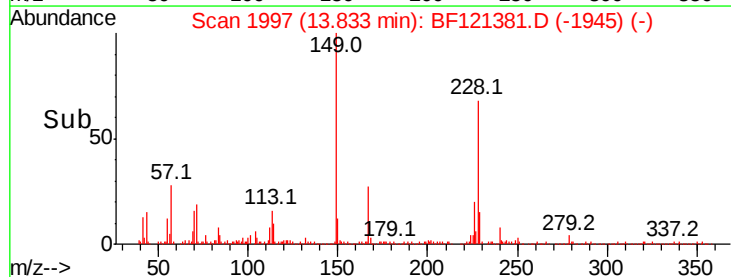
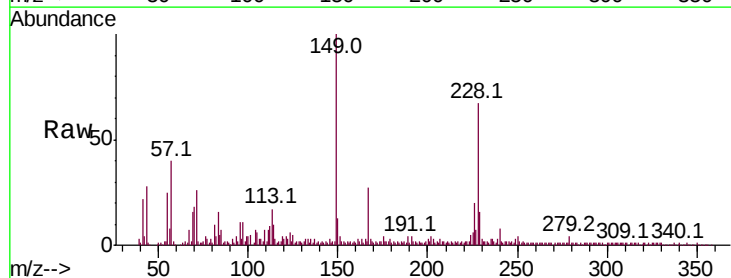
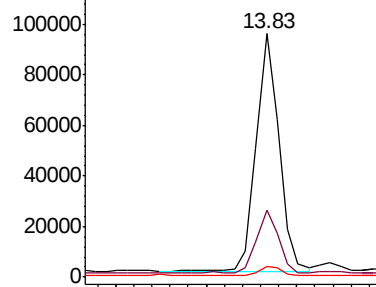
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

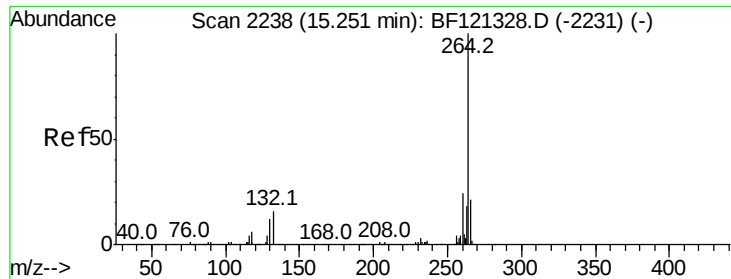


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.487 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BF121381.D
Acq: 21 Aug 2020 22:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.5	32.3
279	4.3	2.9	4.3

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





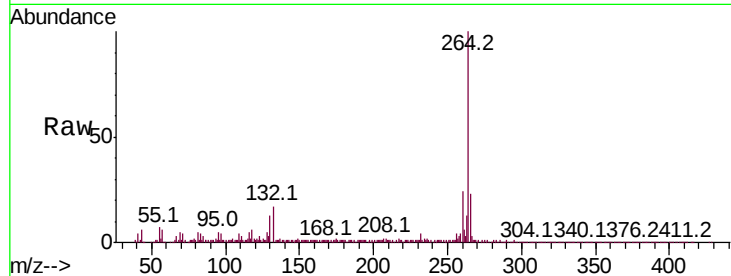
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF121381.D
Acq: 21 Aug 2020 22:22

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.9	17.1	25.7

Manual Integrations
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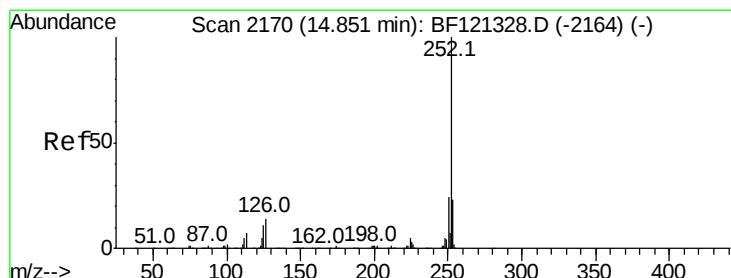
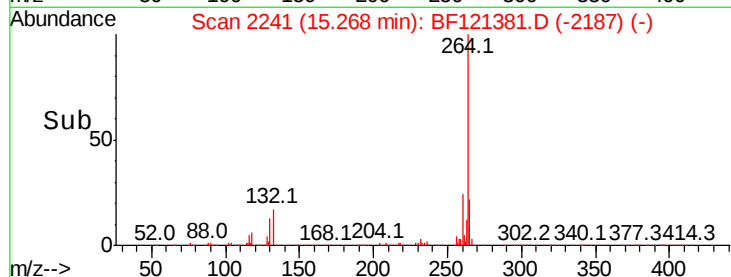
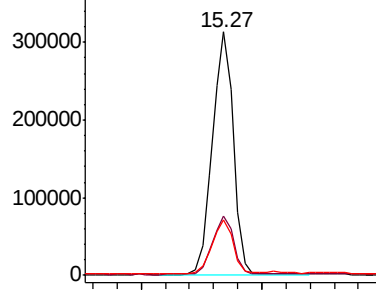


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 5.193 ng m
RT: 14.87 min Scan# 2173
Delta R.T. 0.02 min
Lab File: BF121381.D
Acq: 21 Aug 2020 22:22

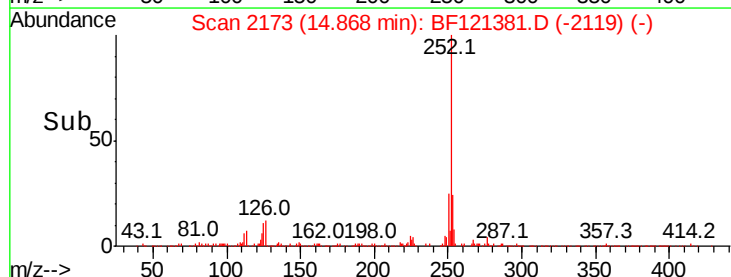
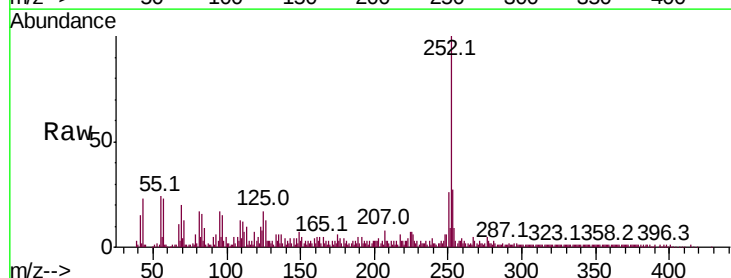
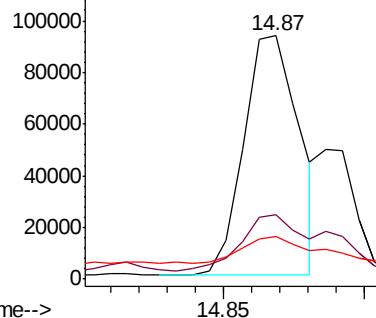
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.0	27.0
125	17.5	8.6	12.8#

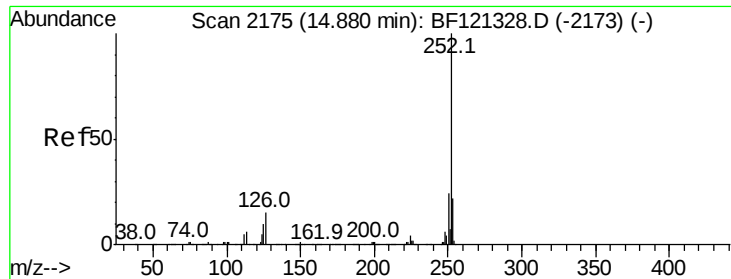
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





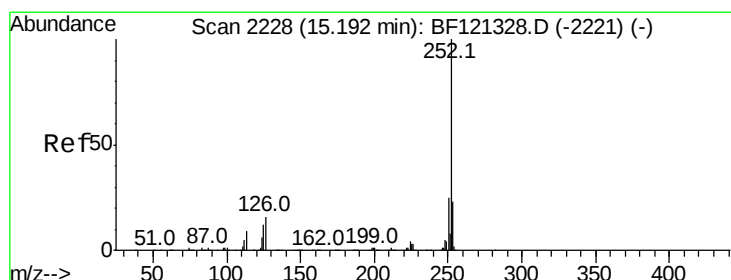
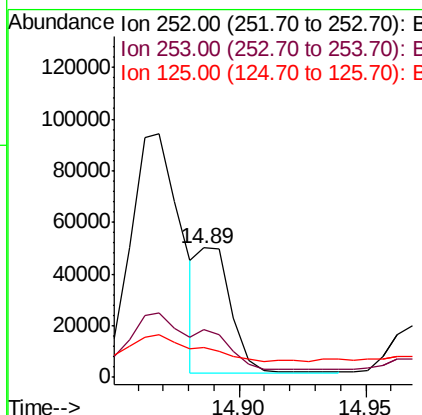
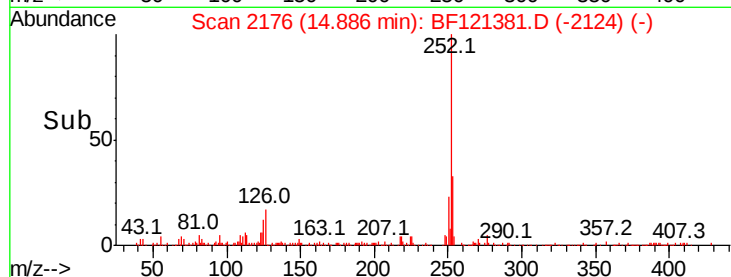
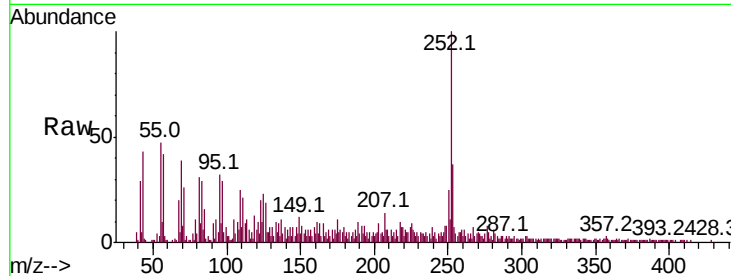
#89
Benzo(k)fluoranthene
Concen: 2.030 ng m
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF121381.D
Acq: 21 Aug 2020 22:22

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1C

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.7	17.9	26.9#
125	22.7	8.6	12.8#

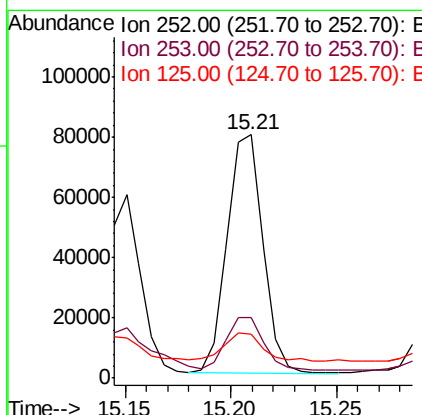
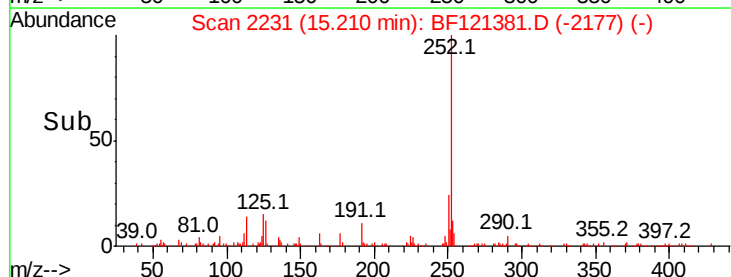
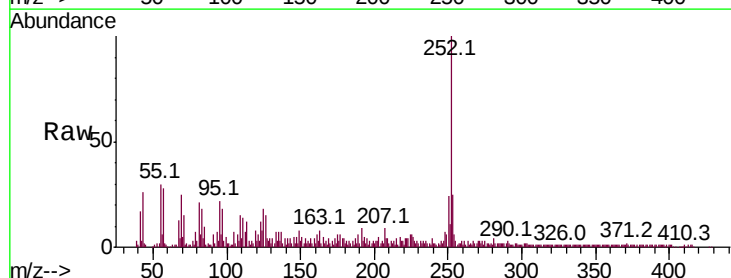
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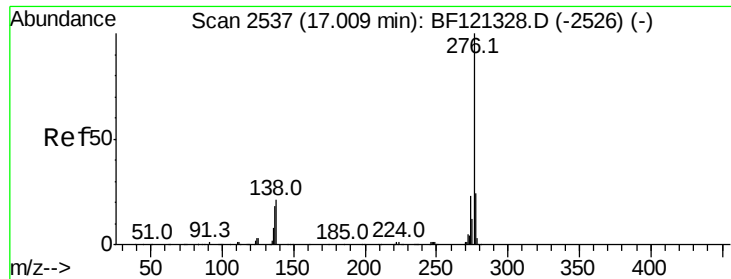
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8/24/2020 1:50:11 PM



#90
Benzo(a)pyrene
Concen: 4.414 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.02 min
Lab File: BF121381.D
Acq: 21 Aug 2020 22:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	18.2	9.4	14.0#





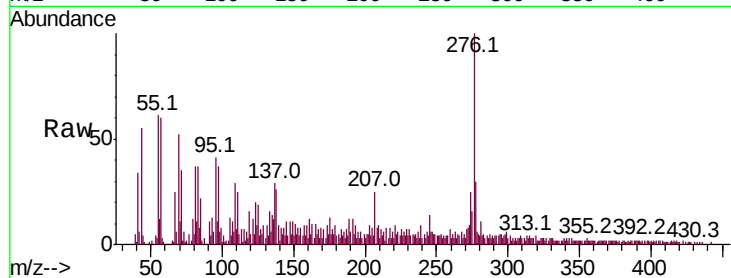
#92
 Benzo(a,h,i)perylene
 Concen: 2.950 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. 0.04 min
 Lab File: BF121381.D
 Acq: 21 Aug 2020 22:22

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1C

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.6	19.3	28.9#
138	25.7	16.8	25.2#

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

