

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121379.D
 Acq On : 21 Aug 2020 21:20
 Operator : JU/CG
 Sample : L3734-06 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1E

Manual Integrations
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Quant Time: Aug 31 09:02:50 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	164210	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	630335	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	307885	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	527813	20.00	ng	0.00
76) Chrysene-d12	13.85	240	340649	20.00	ng	0.00
86) Perylene-d12	15.26	264	392775	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	84966	8.48	ng	0.00
7) Phenol-d6	6.33	99	319390	24.98	ng	0.00
23) Nitrobenzene-d5	7.26	82	316393	28.39	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	10033	2.80	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	611621	29.73	ng	0.00
79) Terphenyl-d14	12.79	244	480795	27.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	55224	2.465	ng	99
71) Phenanthrene	11.23	178	132817	4.862	ng	99
75) Fluoranthene	12.42	202	188733	6.365	ng	99
78) Pyrene	12.65	202	162060	6.333	ng	99
81) Benzo(a)anthracene	13.83	228	78603	3.715	ng	# 93
83) Chrysene	13.87	228	72602	3.355	ng	# 95
88) Benzo(b)fluoranthene	14.86	252	92028m	3.627	ng	
90) Benzo(a)pyrene	15.20	252	69235	3.158	ng	# 88
92) Benzo(g,h,i)perylene	17.03	276	47299	2.461	ng	# 91

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

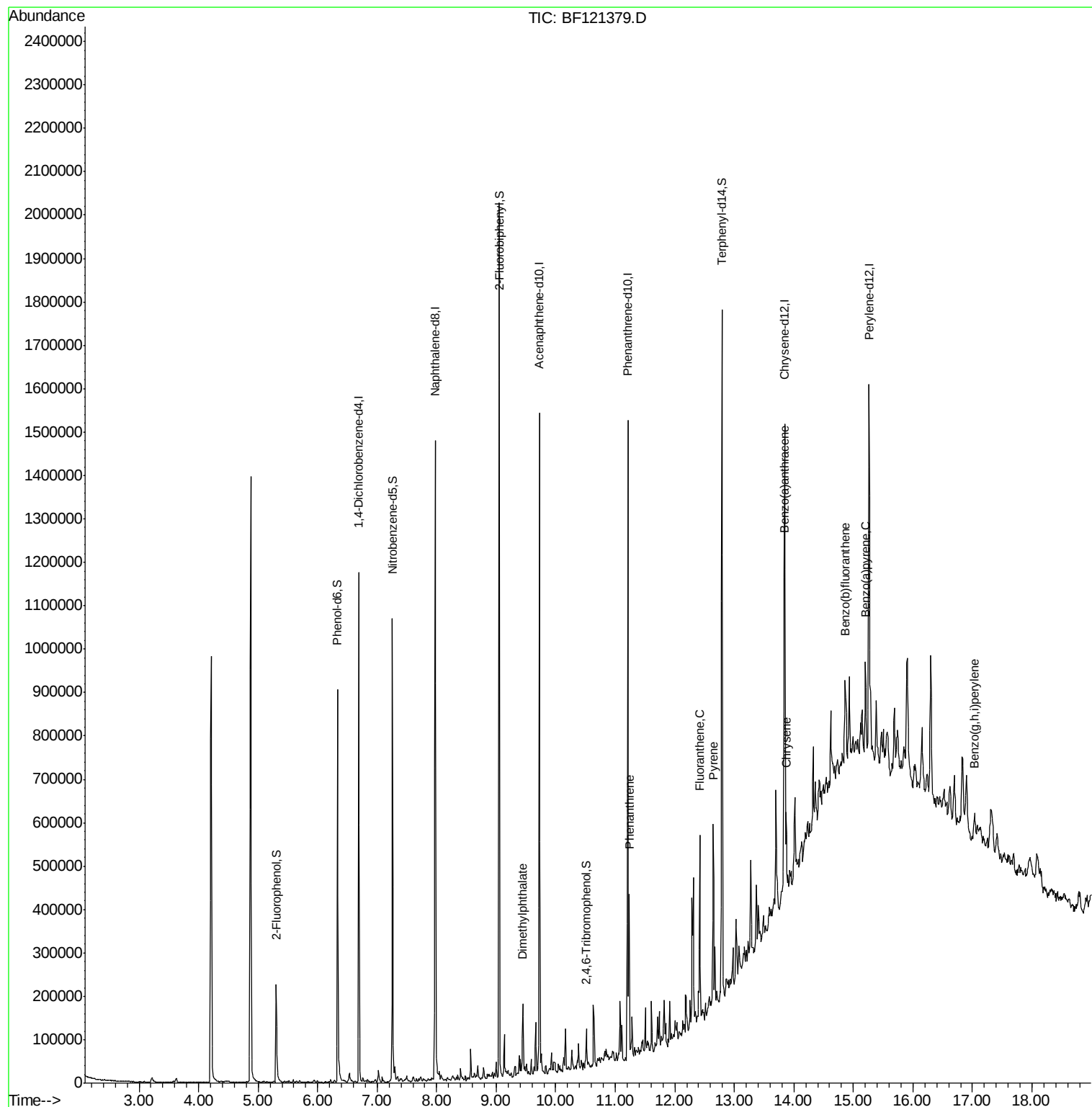
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

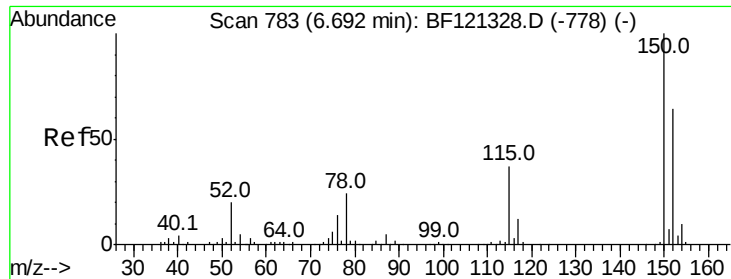
Instrument :
BNA_F
ClientSampleId :
EROC-BF-1E

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#1

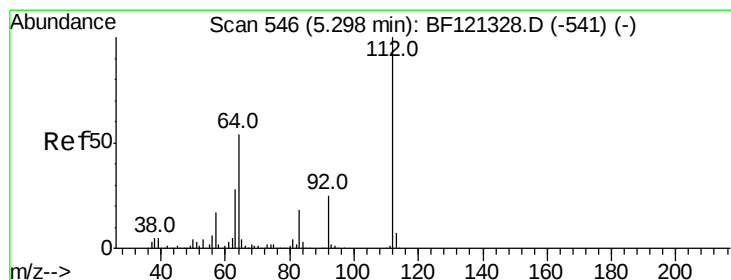
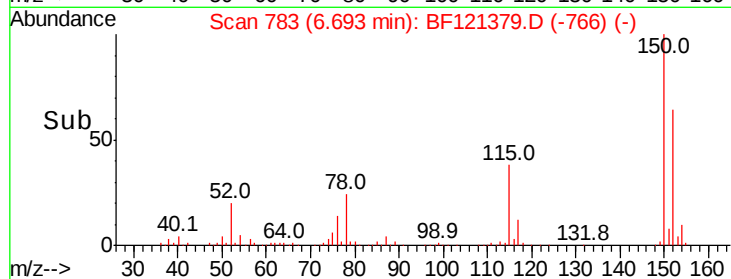
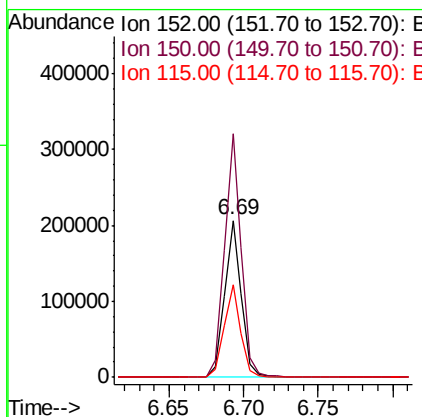
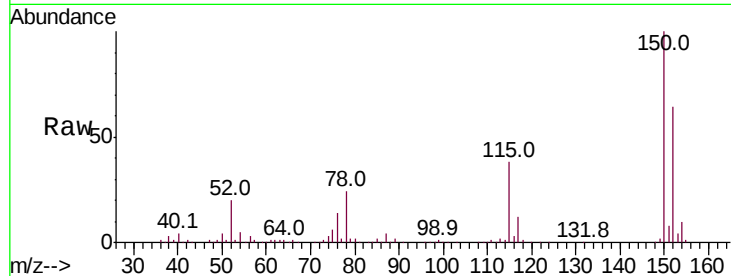
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121379.D
Acq: 21 Aug 2020 21:20

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1E

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.8	187.2
115	59.0	46.1	69.1

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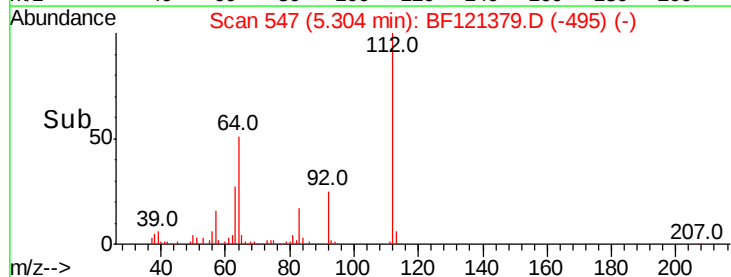
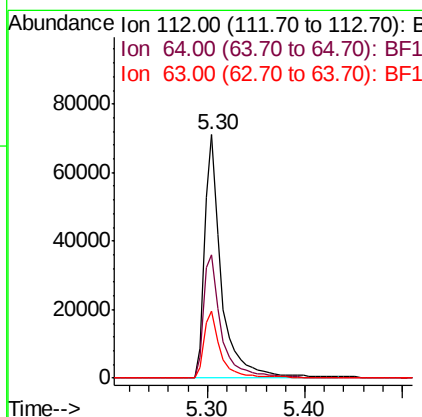
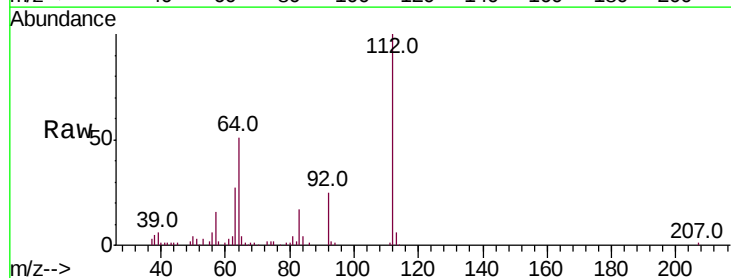
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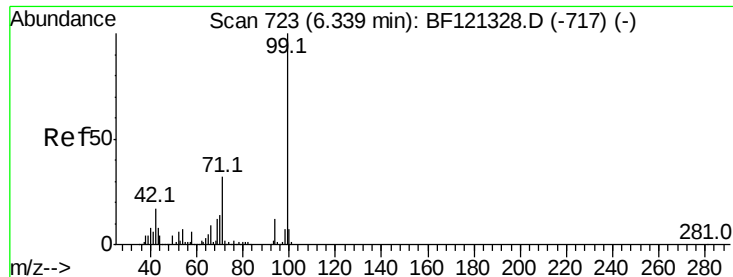


#5

2-Fluorophenol
Concen: 8.484 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF121379.D
Acq: 21 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.6	43.5	65.3
63	27.4	22.0	33.0





#7

Phenol-d6

Concen: 24.983 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF121379.D

Acq: 21 Aug 2020 21:20

Instrument :

BNA_F

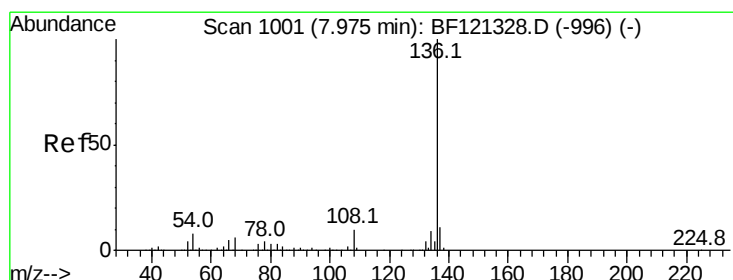
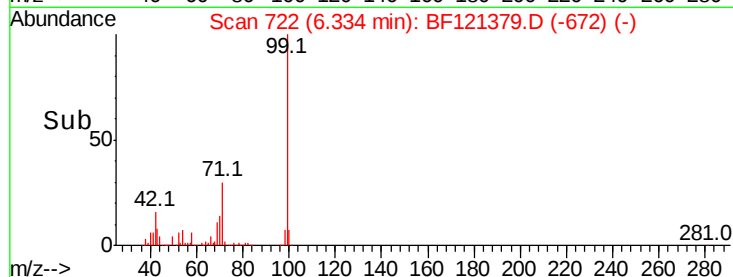
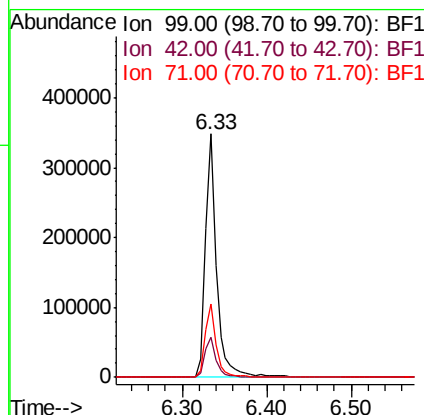
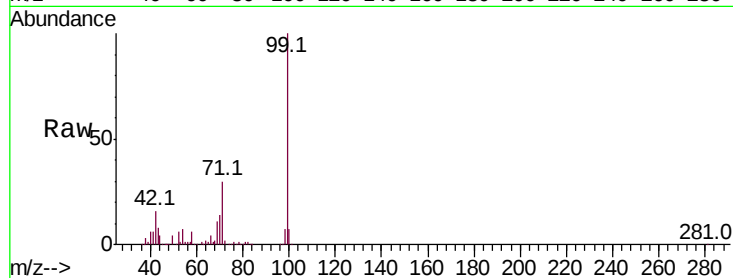
ClientSampleId :

EROC-BF-1E

Tot Ion:	99	Resp:	319390
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.5	20.3
71	30.0	25.2	37.8

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#21

Naphthalene-d8

Concen: 20.000 ng

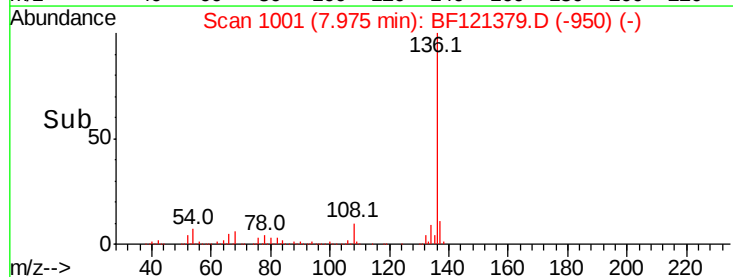
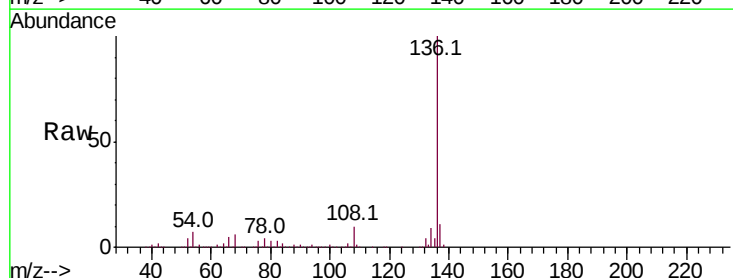
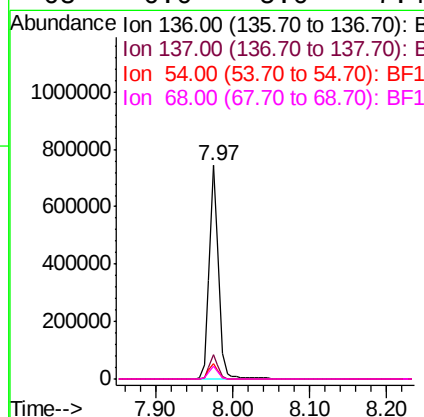
RT: 7.97 min Scan# 1001

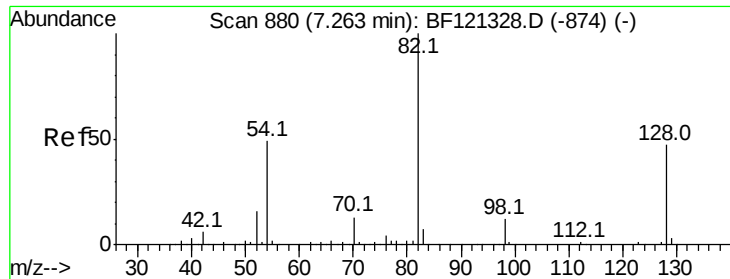
Delta R.T. 0.00 min

Lab File: BF121379.D

Acq: 21 Aug 2020 21:20

Tgt Ion:	136	Resp:	630335
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.5	6.1	9.1
68	6.0	5.0	7.4





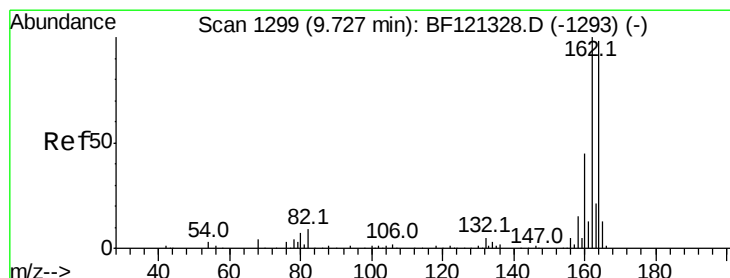
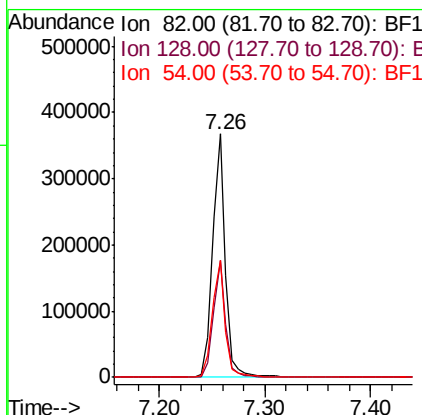
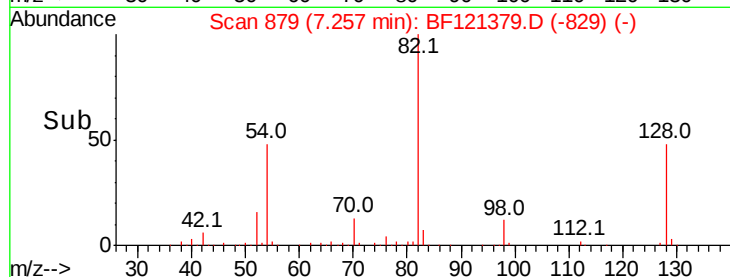
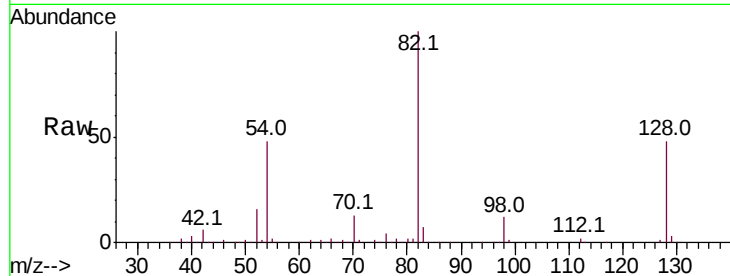
#23
 Nitrobenzene-d5
 Concen: 28.388 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121379.D
 Acq: 21 Aug 2020 21:20

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1E

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.9	56.9
54	48.1	39.0	58.4

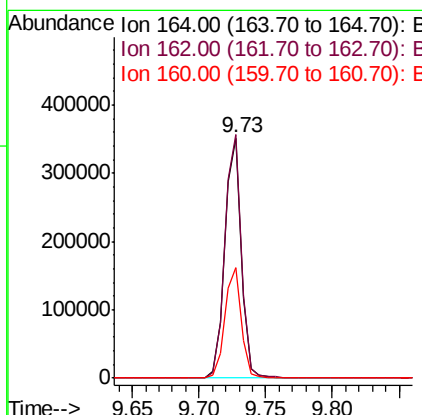
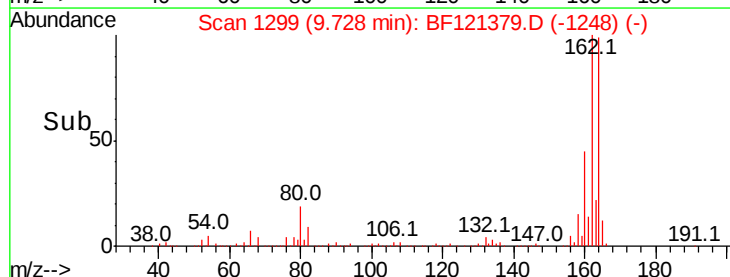
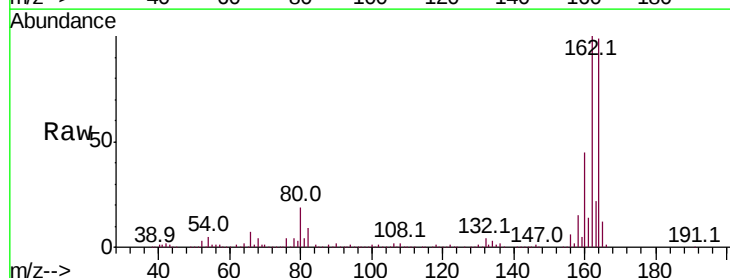
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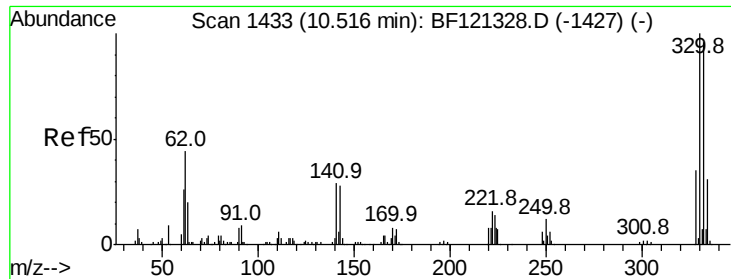
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF121379.D
 Acq: 21 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.7	122.5
160	45.9	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 2.796 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF121379.D

Acq: 21 Aug 2020 21:20

Instrument :

BNA_F

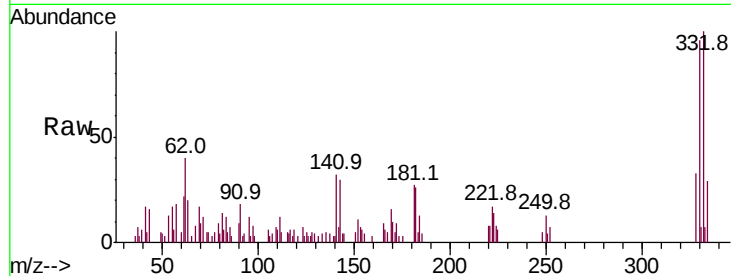
ClientSampleId :

EROC-BF-1E

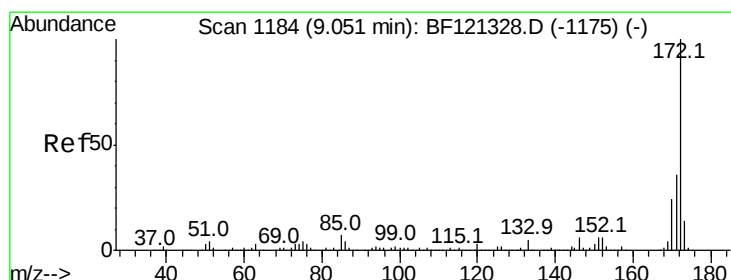
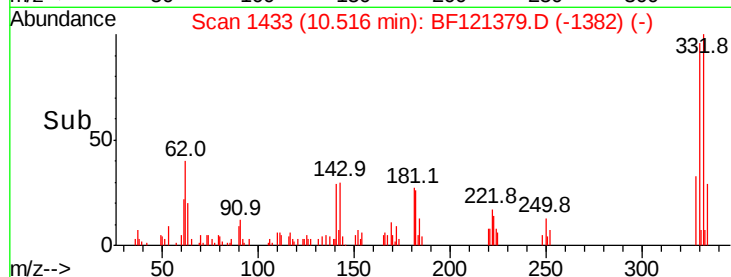
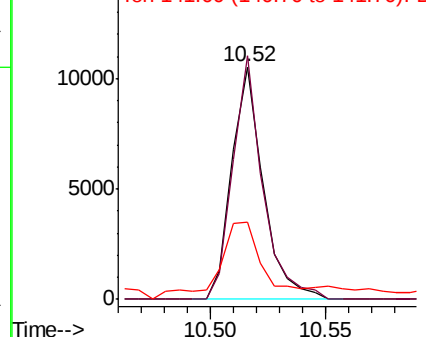
Tot Ion:	330	Resp:	10033
Ion Ratio	Lower	Upper	
330	100		
332	99.4	76.9	115.3
141	46.4	22.8	34.2#

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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: 29.729 ng

RT: 9.05 min Scan# 1184

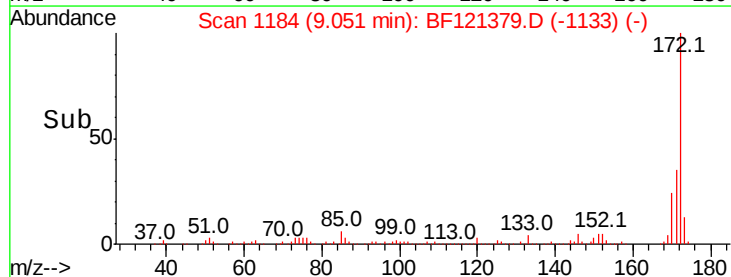
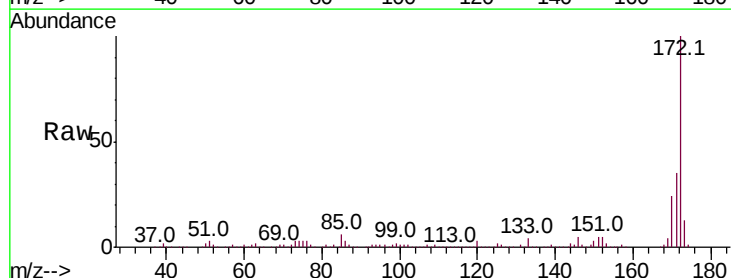
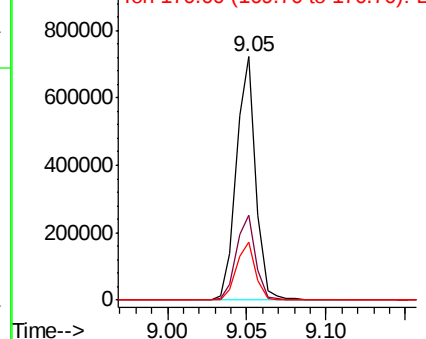
Delta R.T. 0.00 min

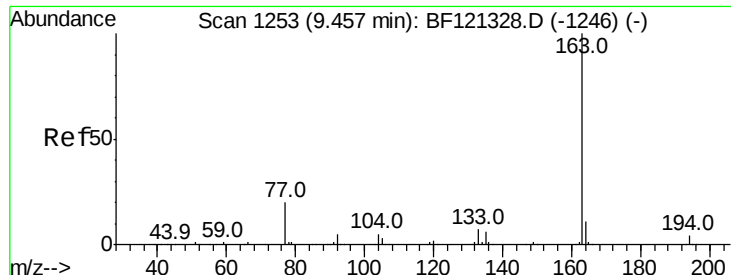
Lab File: BF121379.D

Acq: 21 Aug 2020 21:20

Tgt Ion:	172	Resp:	611621
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.0	43.6
170	23.6	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





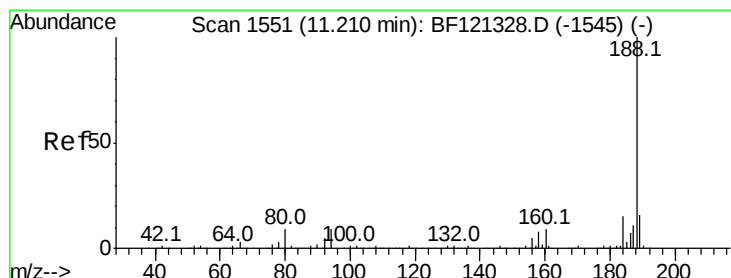
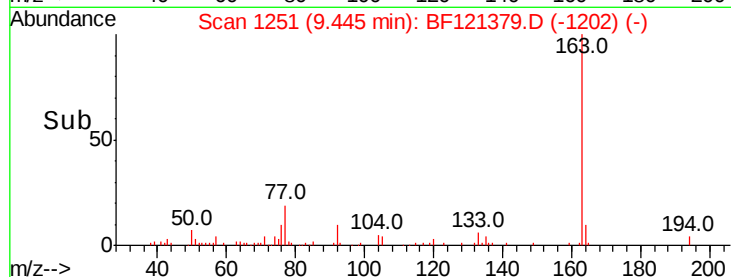
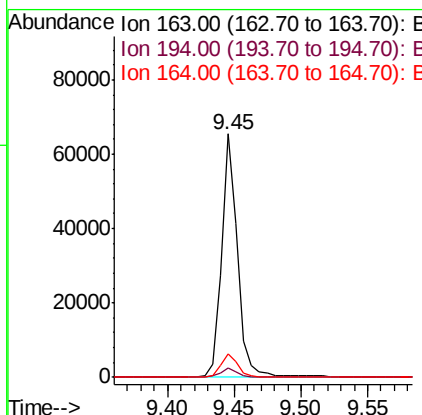
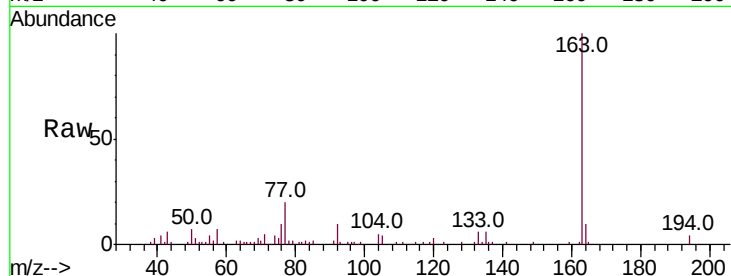
#50
 Dimethylphthalate
 Concen: 2.465 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF121379.D
 Acq: 21 Aug 2020 21:20

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1E

Tot Ion:	163	Resp:	55224
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.6
164	9.9	8.4	12.6

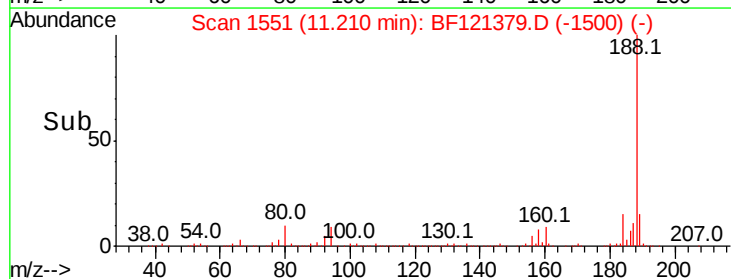
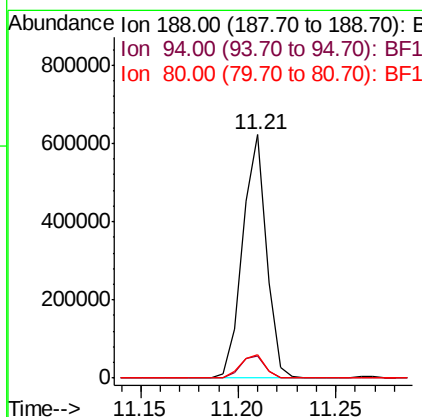
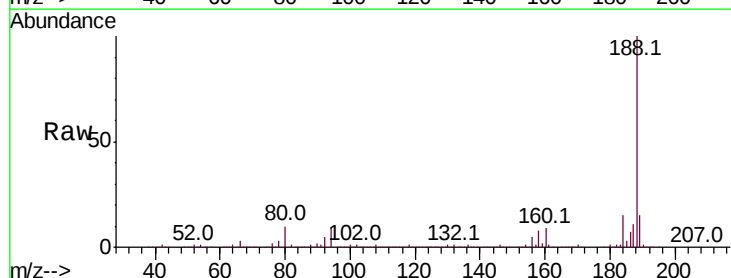
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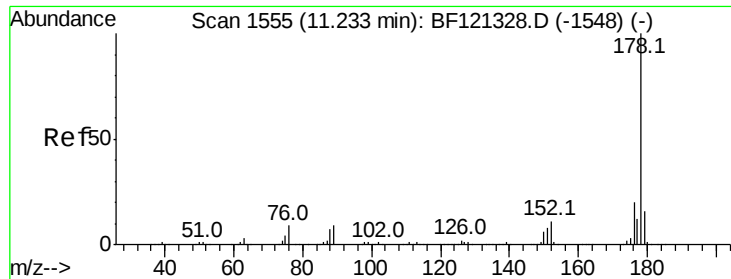
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF121379.D
 Acq: 21 Aug 2020 21:20

Tgt Ion:	188	Resp:	527813
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.2	10.8
80	9.5	7.4	11.0





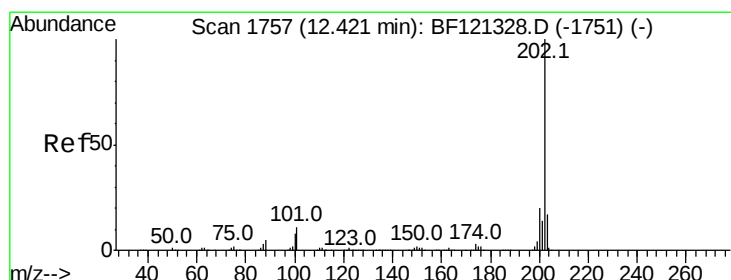
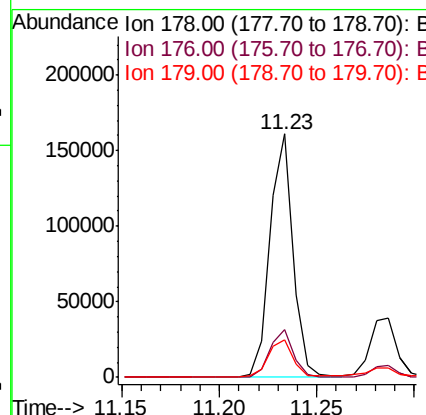
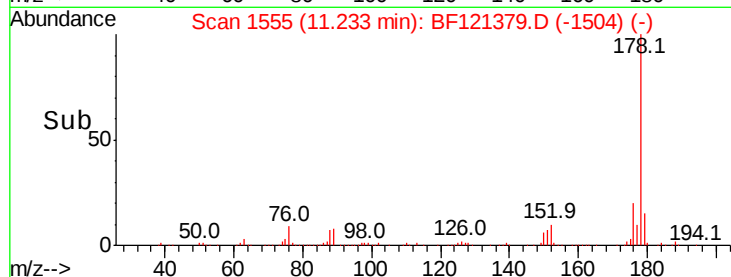
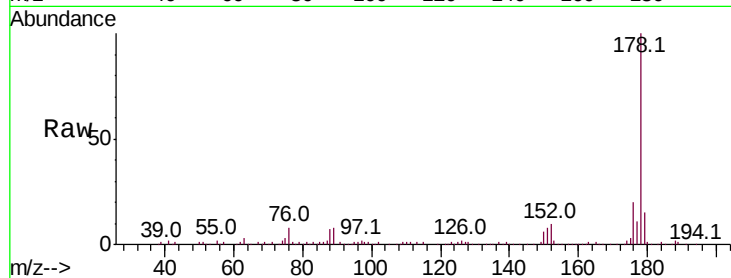
#71
Phenanthrene
Concen: 4.862 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF121379.D
Acq: 21 Aug 2020 21:20

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1E

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.4	12.8	19.2

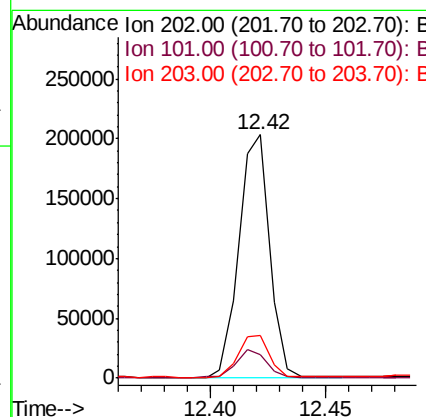
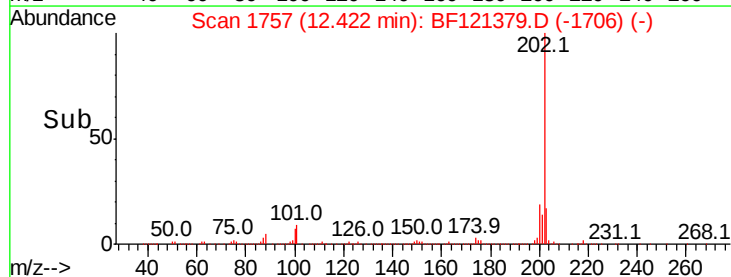
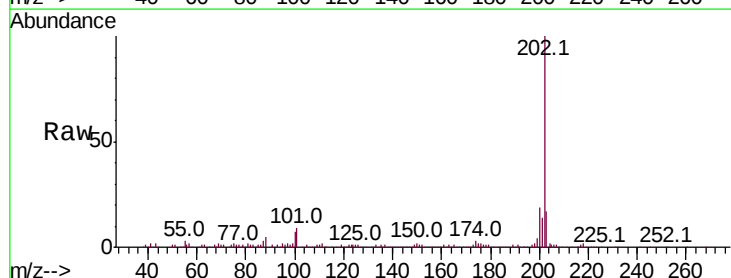
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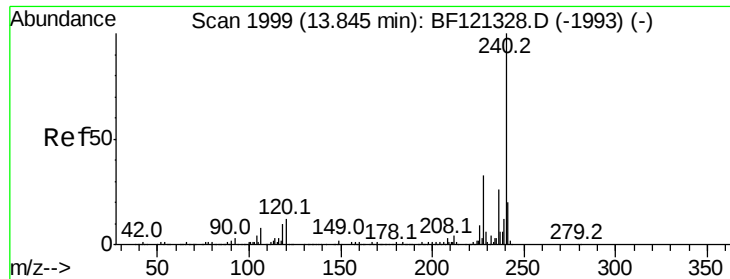
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#75
Fluoranthene
Concen: 6.365 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF121379.D
Acq: 21 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.6
203	17.4	0.0	37.5





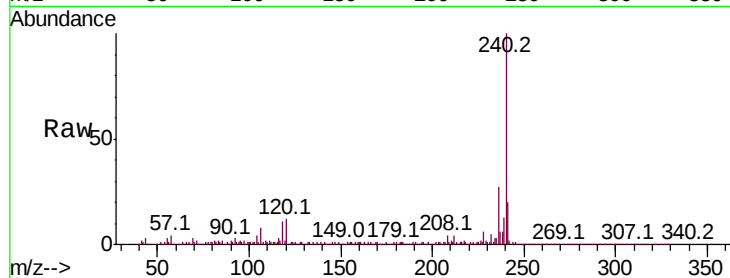
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF121379.D
Acq: 21 Aug 2020 21:20

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1E

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.6	14.4
236	26.7	20.6	31.0

Manual Integrations
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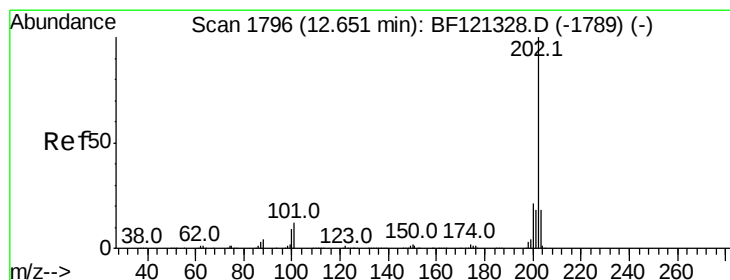
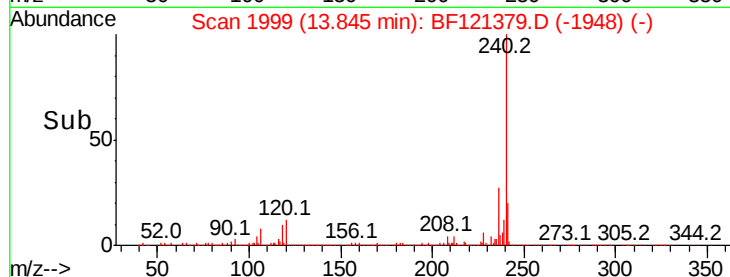
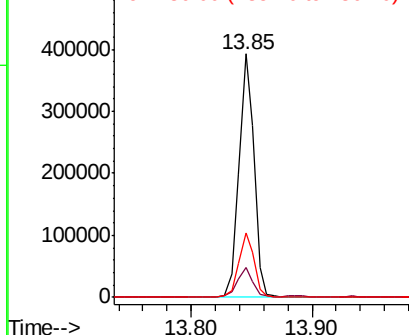


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 6.333 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF121379.D
Acq: 21 Aug 2020 21:20

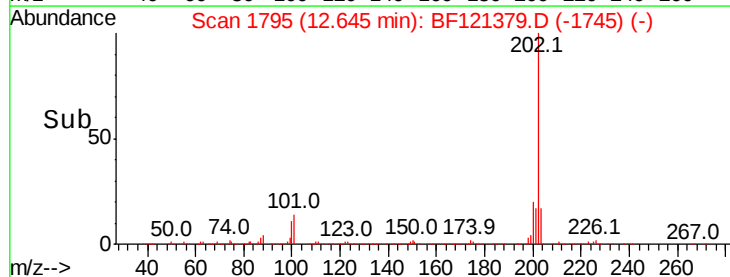
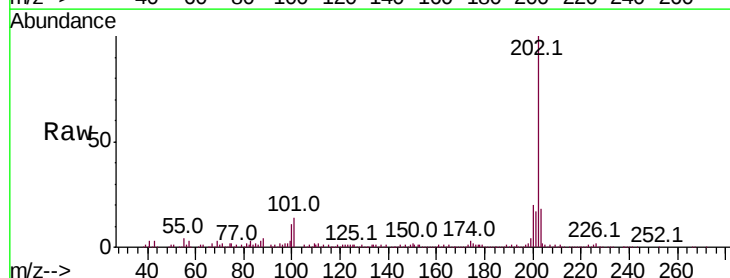
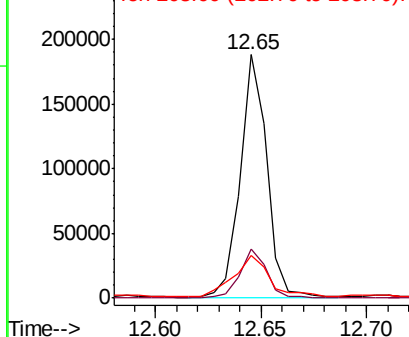
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	24.8
203	17.7	14.2	21.2

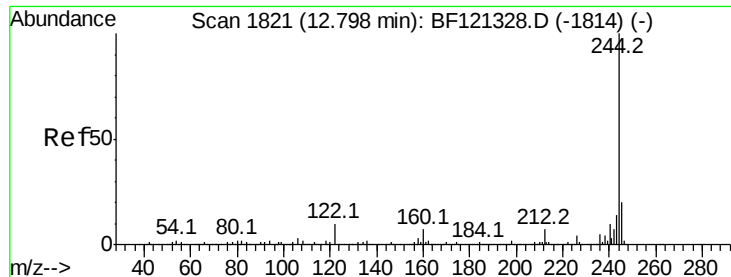
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 27.581 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF121379.D

Acq: 21 Aug 2020 21:20

Instrument :

BNA_F

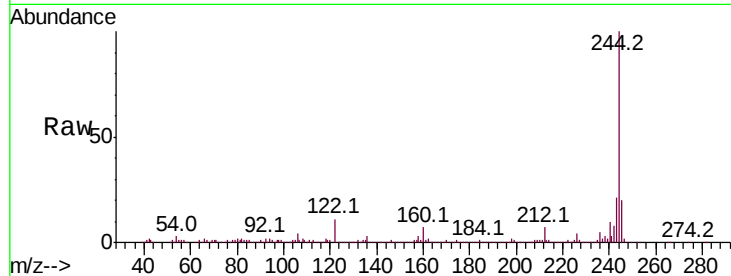
ClientSampleId :

EROC-BF-1E

Tot Ion:	244	Resp:	480795
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	11.5	7.8	11.8

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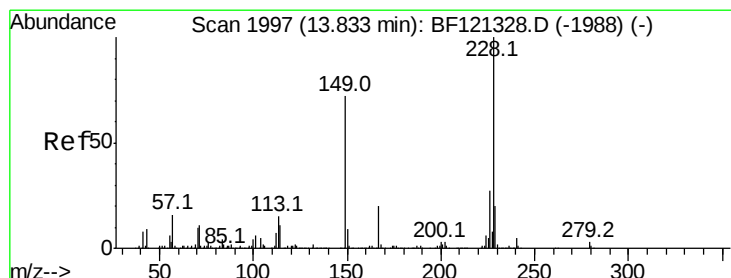
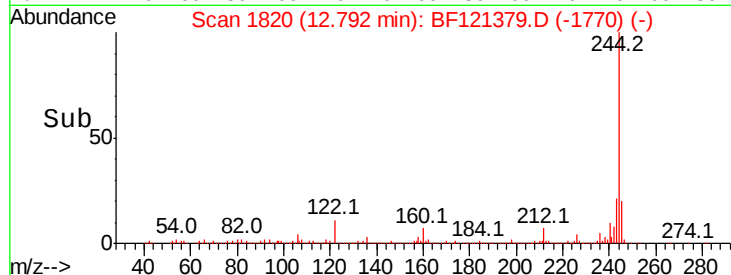
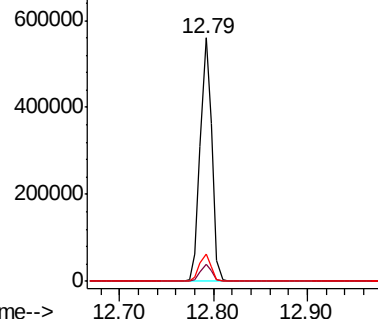
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 3.715 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF121379.D

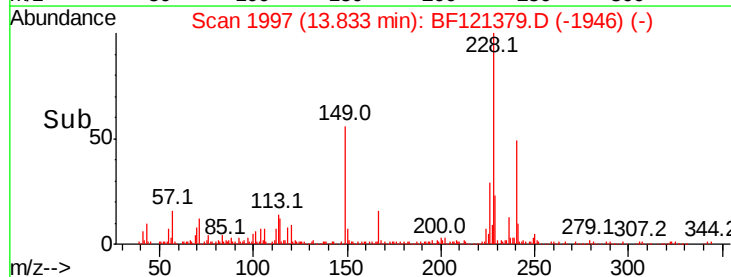
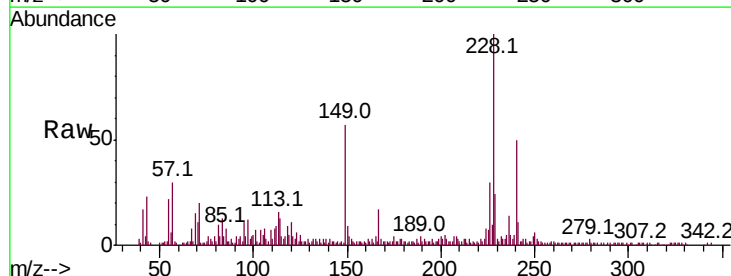
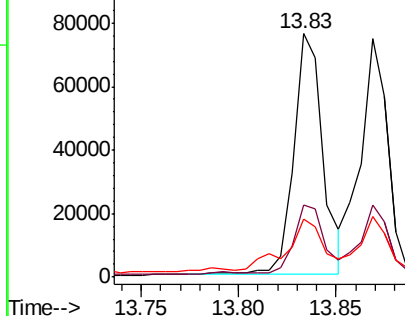
Acq: 21 Aug 2020 21:20

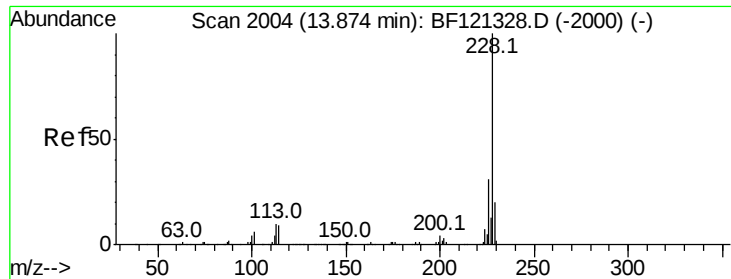
Tgt Ion:	228	Resp:	78603
Ion Ratio	Lower	Upper	
228	100		
226	29.7	21.8	32.6
229	23.9	15.8	23.8#

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





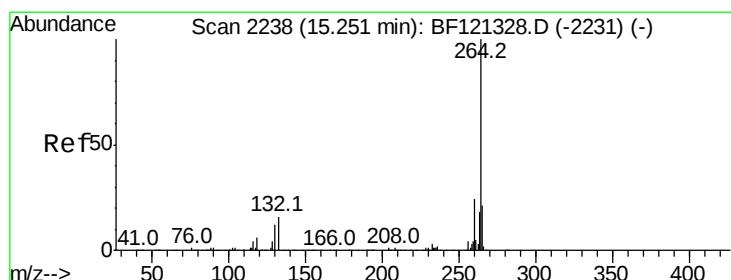
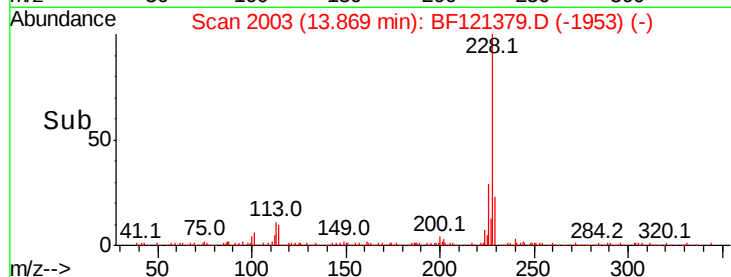
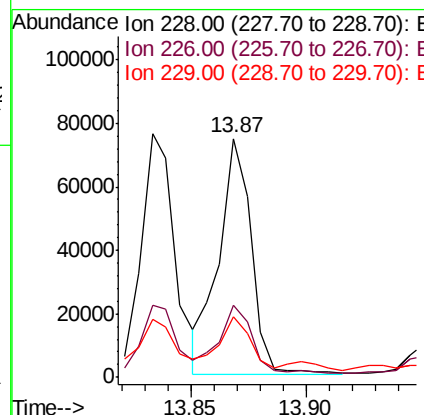
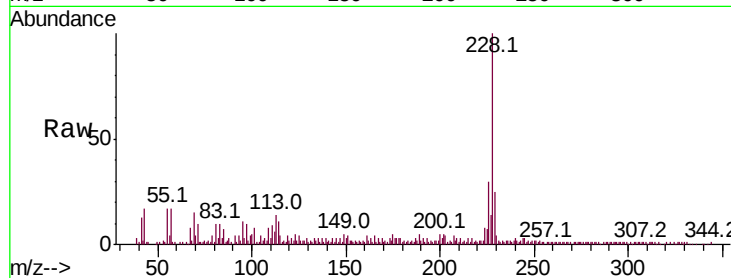
#83
Chrysene
Concen: 3.355 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF121379.D
Acq: 21 Aug 2020 21:20

Instrument :
BNA_F
ClientSampled :
EROC-BF-1E

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	36.8
229	25.3	15.9	23.9

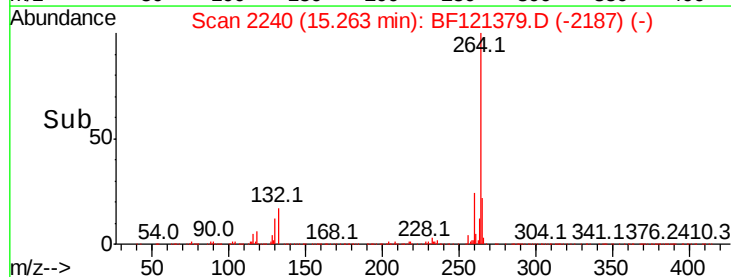
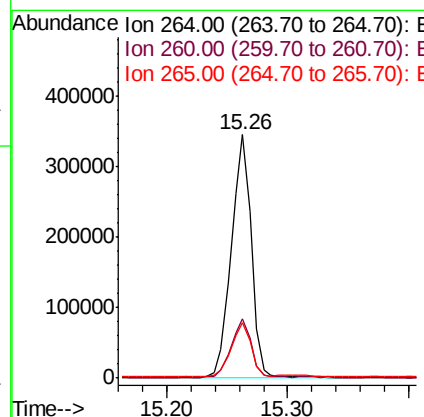
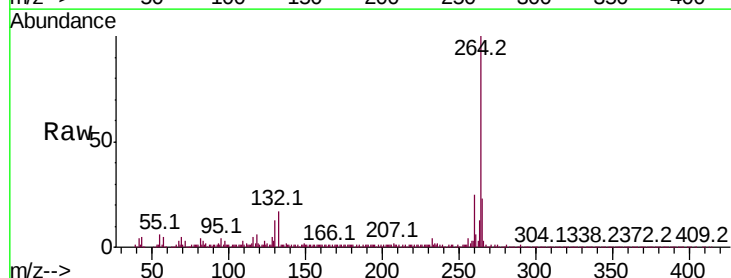
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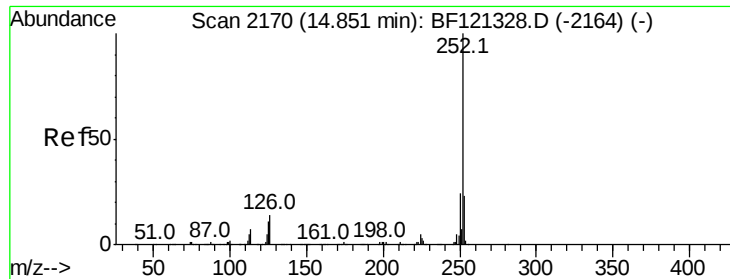
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF121379.D
Acq: 21 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.6	17.1	25.7





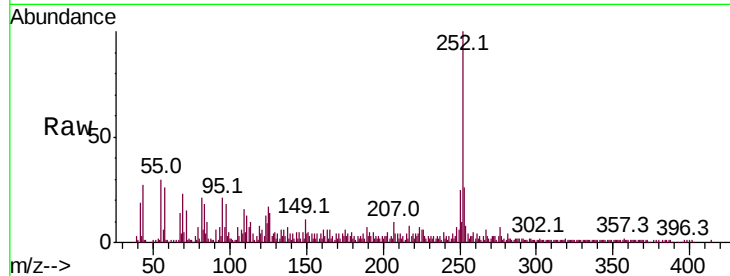
#88
Benzo(b)fluoranthene
Concen: 3.627 ng/mL
RT: 14.86 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BF121379.D
Acq: 21 Aug 2020 21:20

Instrument :
BNA_F
ClientSampleID :
EROB-BF-1E

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.0	27.0
125	16.6	8.6	12.8

Manual Integrations
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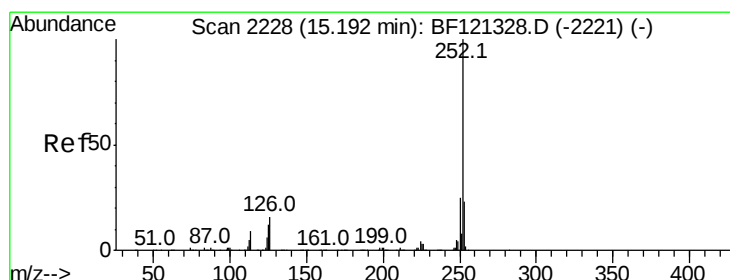
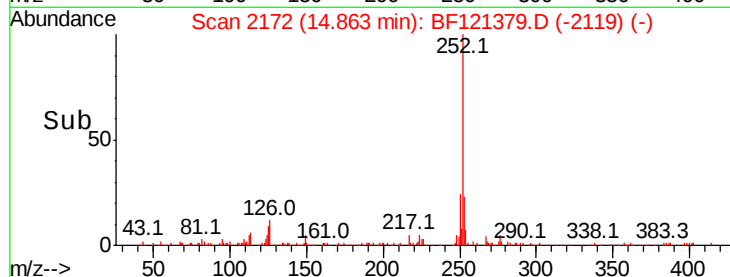
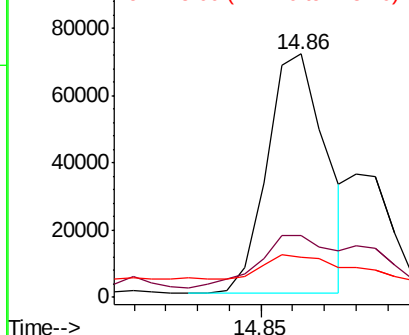


Abundance

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



#90
Benzo(a)pyrene
Concen: 3.158 ng/mL
RT: 15.20 min Scan# 2230
Delta R.T. 0.01 min
Lab File: BF121379.D
Acq: 21 Aug 2020 21:20

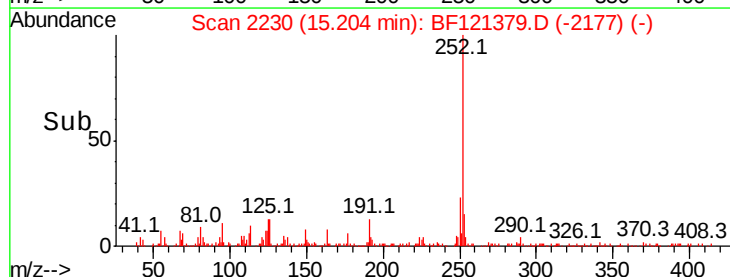
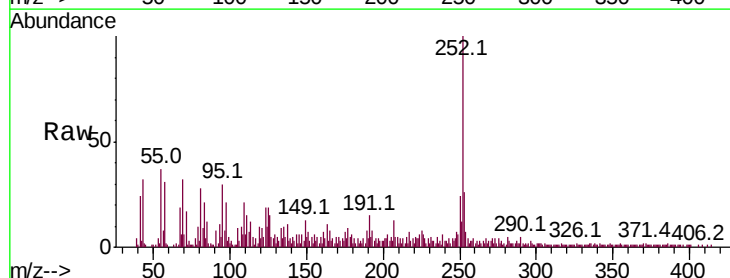
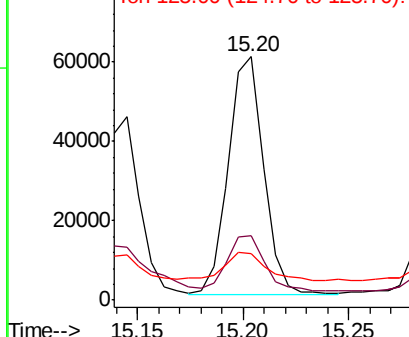
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.0	27.0
125	19.1	9.4	14.0

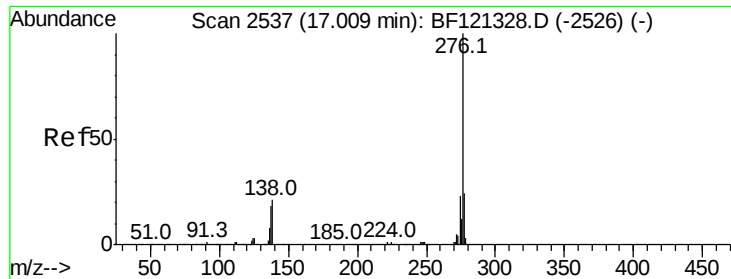
Abundance

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





#92
 Benzo(a,h,i)perylene
 Concen: 2.461 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. 0.02 min
 Lab File: BF121379.D
 Acq: 21 Aug 2020 21:20

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1E

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.3	19.3	28.9
138	25.2	16.8	25.2

Manual Integrations
 APPROVED

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