

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121382.D
 Acq On : 21 Aug 2020 22:53
 Operator : JU/CG
 Sample : L3734-05 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1D

Manual Integrations
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Quant Time: Aug 22 02:50:19 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	169496	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	635890	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	305382	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	498362	20.00	ng	0.00
76) Chrysene-d12	13.85	240	344898	20.00	ng	0.00
86) Perylene-d12	15.27	264	380841	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	292500	28.30	ng	0.00
7) Phenol-d6	6.34	99	444823	33.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	289180	25.72	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	42765	12.02	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	548762	25.44	ng	0.00
79) Terphenyl-d14	12.80	244	403890	22.88	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	53264	2.397	ng	97
71) Phenanthrene	11.23	178	90071	3.492	ng	98
75) Fluoranthene	12.42	202	147765	5.278	ng	98
78) Pyrene	12.65	202	134997	5.211	ng	98
81) Benzo(a)anthracene	13.84	228	69228	3.232	ng	93
83) Chrysene	13.87	228	63956m	2.919	ng	
88) Benzo(b)fluoranthene	14.87	252	90298m	3.670	ng	
90) Benzo(a)pyrene	15.21	252	58074	2.732	ng	# 85

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

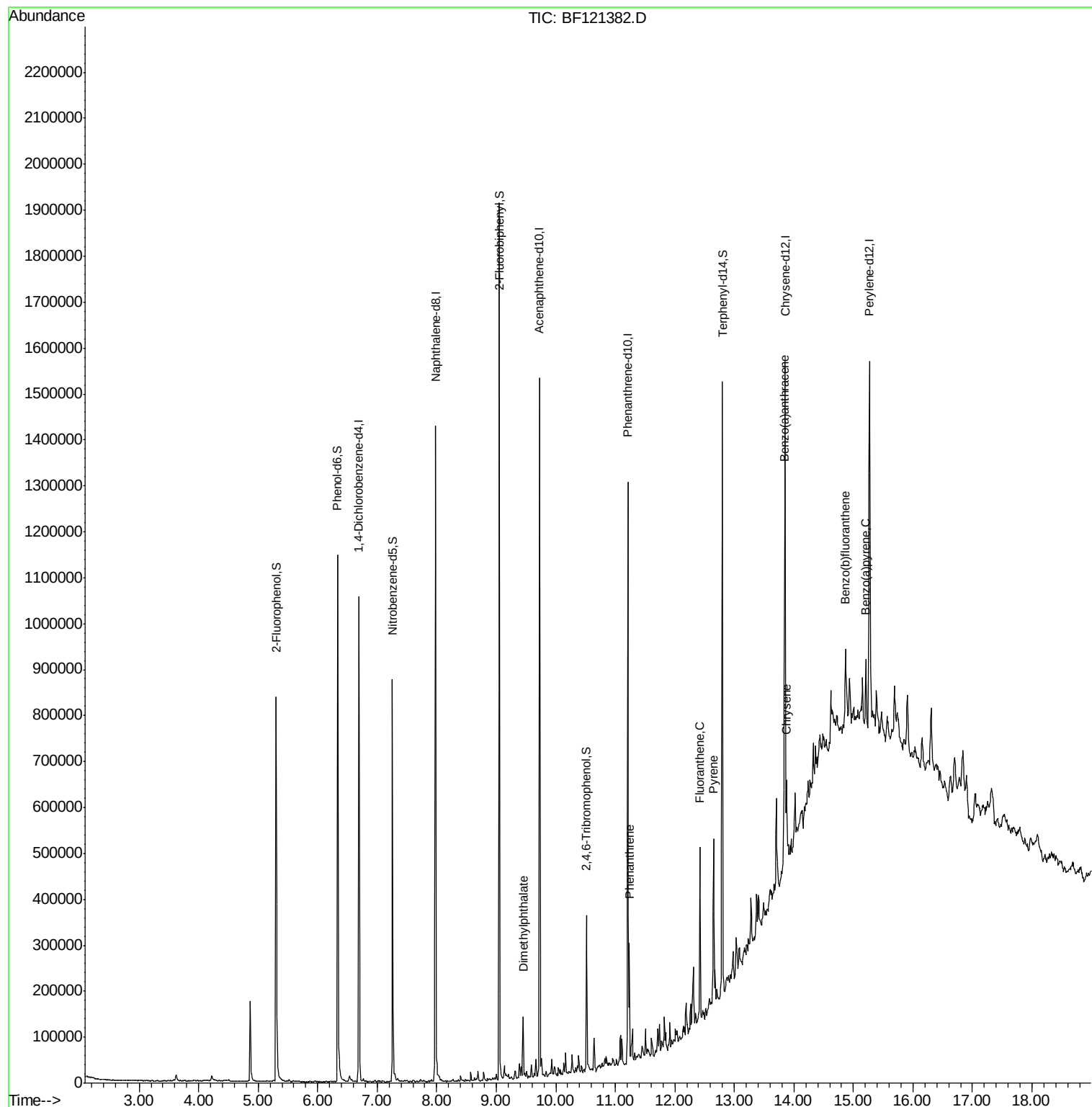
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121382.D
Acq On : 21 Aug 2020 22:53
Operator : JU/CG
Sample : L3734-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

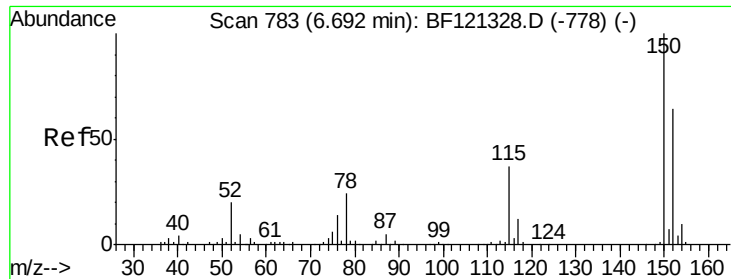
Instrument :
BNA_F
ClientSampleId :
EROC-BF-1D

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Quant Time: Aug 22 02:50:19 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

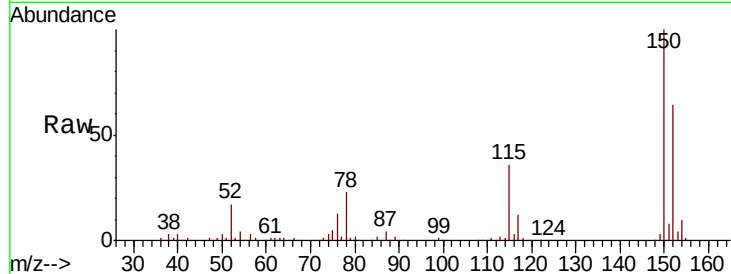
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF121382.D
Acq: 21 Aug 2020 22:53

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1D

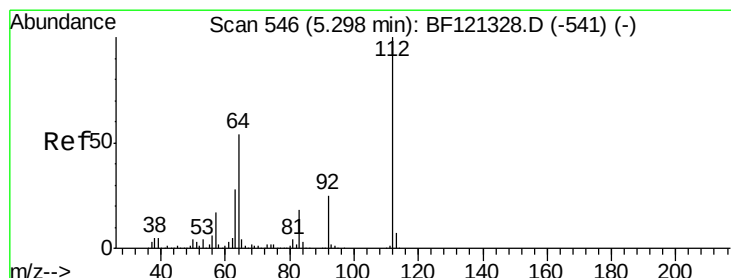
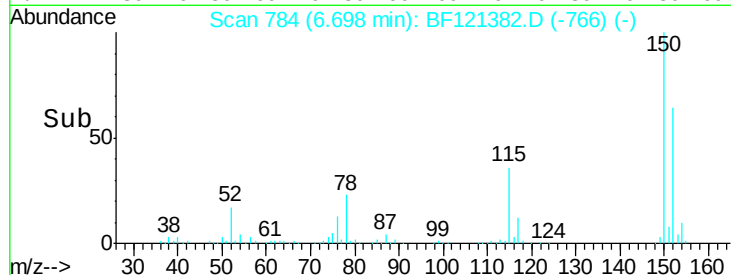
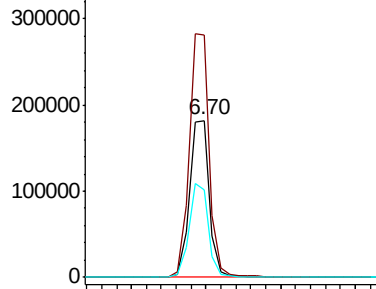
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.8	187.2
115	56.0	46.1	69.1

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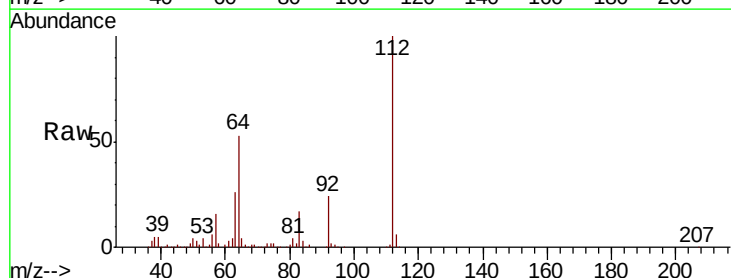
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



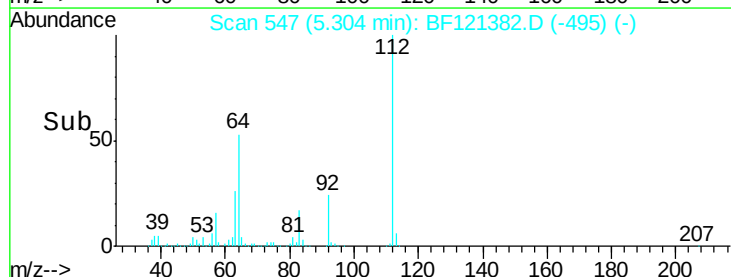
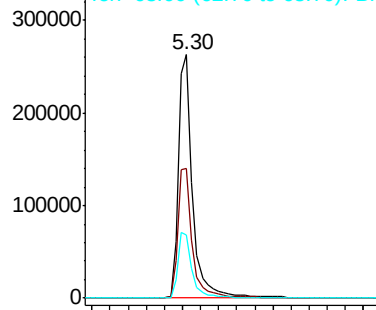
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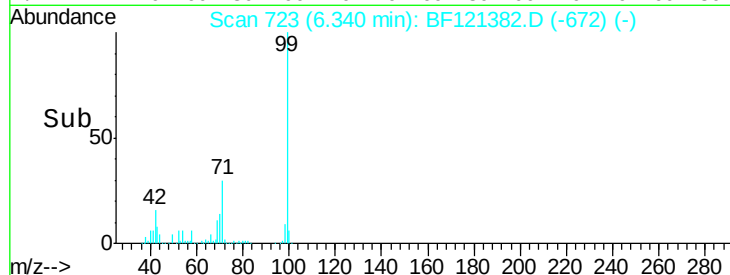
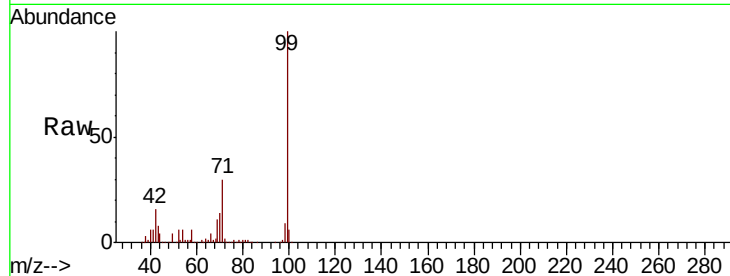
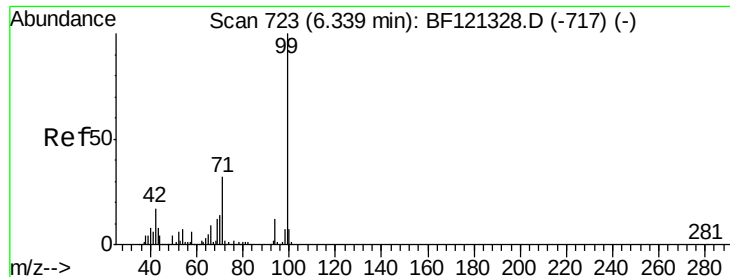
2-Fluorophenol
Concen: 28.297 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF121382.D
Acq: 21 Aug 2020 22:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	43.5	65.3
63	25.9	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: 33.709 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF121382.D

Acq: 21 Aug 2020 22:53

Tot Ion:	99	Resp:	444823
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	29.9	25.2	37.8

Instrument :

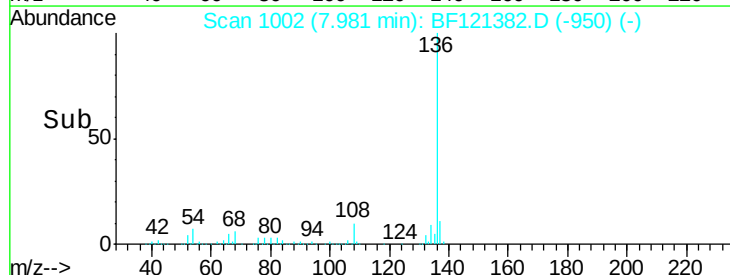
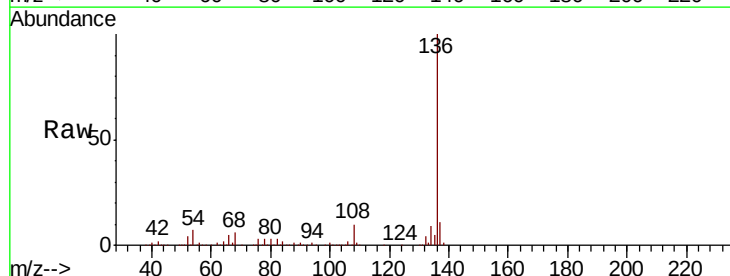
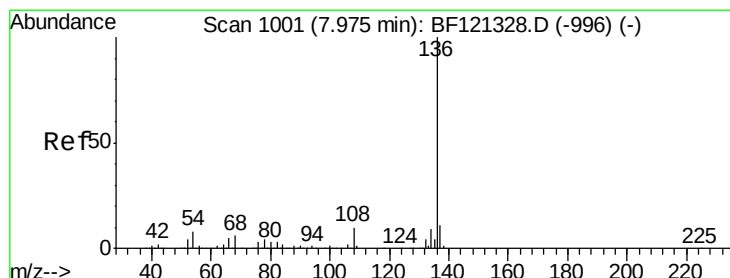
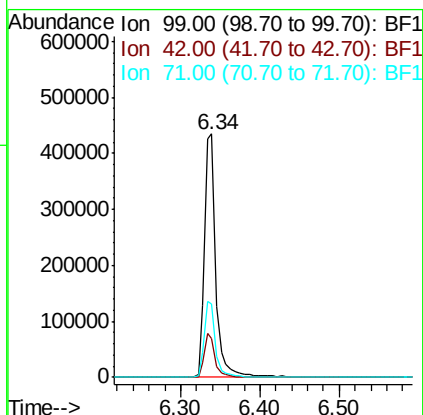
BNA_F

ClientSampled :

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#21

Naphthalene-d8

Concen: 20.000 ng

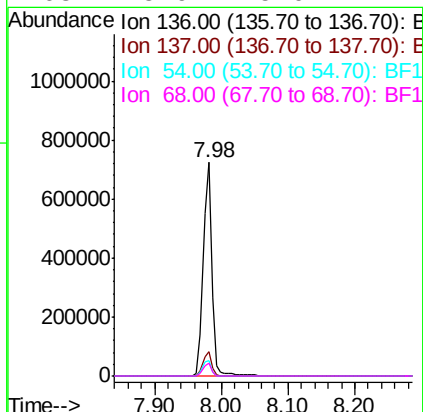
RT: 7.98 min Scan# 1002

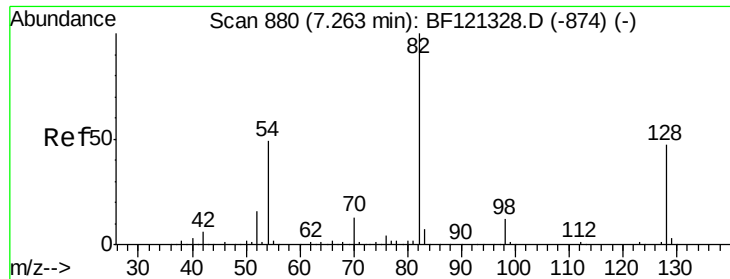
Delta R.T. 0.01 min

Lab File: BF121382.D

Acq: 21 Aug 2020 22:53

Tgt Ion:	136	Resp:	635890
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.1	6.1	9.1
68	5.9	5.0	7.4





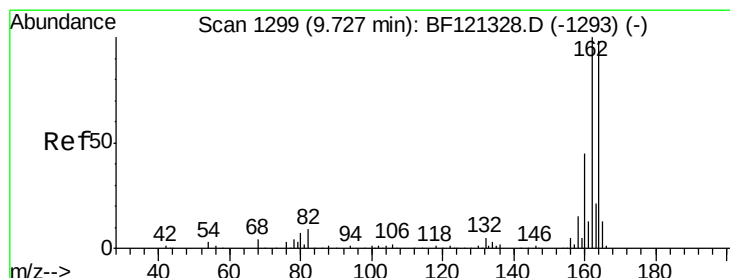
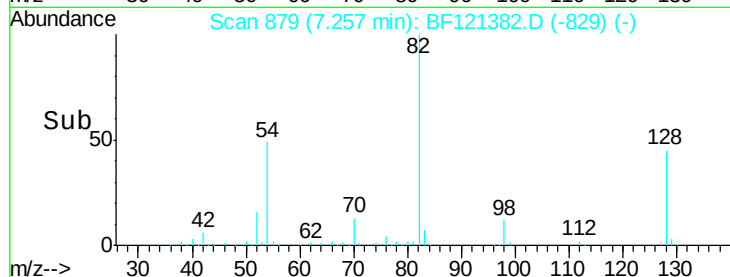
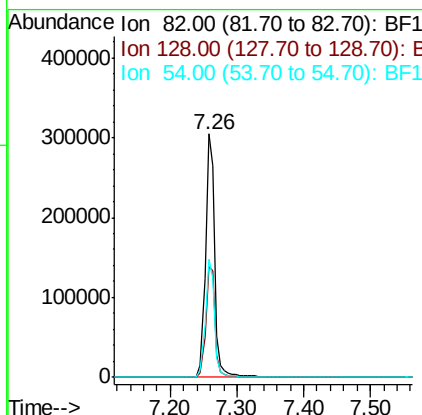
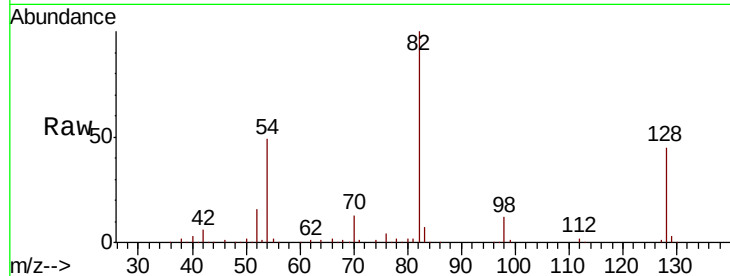
#23
Nitrobenzene-d5
Concen: 25.720 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121382.D
Acq: 21 Aug 2020 22:53

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1D

Tot Ion	Ratio	Resp	Lower	Upper
82	100	289180		
128	45.2		37.9	56.9
54	48.7		39.0	58.4

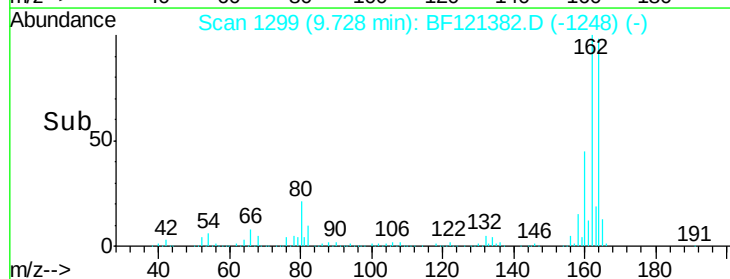
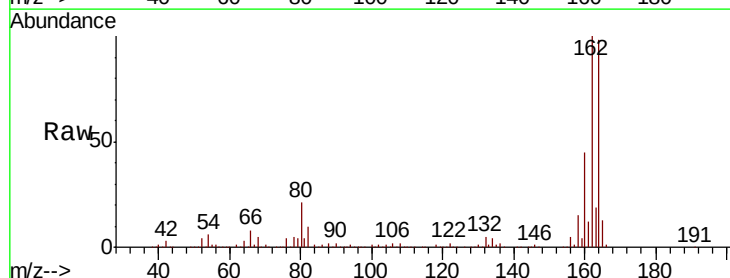
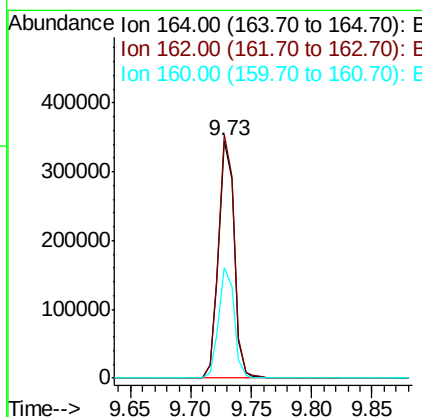
Manual Integrations
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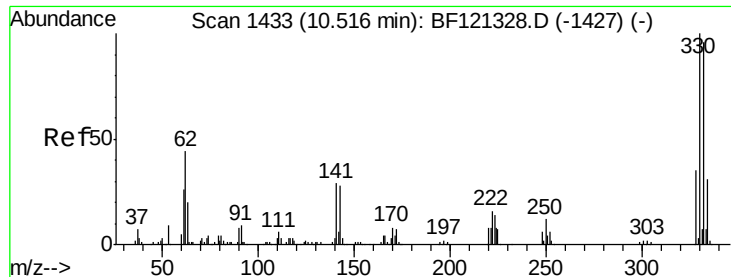
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF121382.D
Acq: 21 Aug 2020 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	305382		
162	102.4		81.7	122.5
160	46.2		37.0	55.4





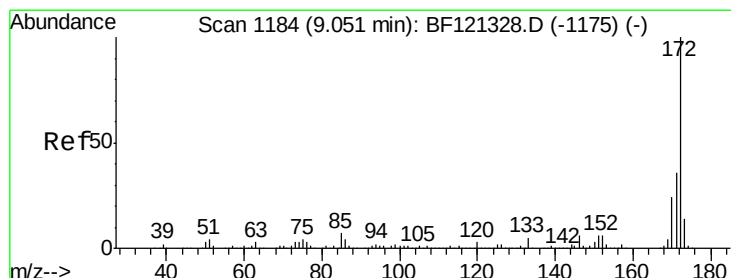
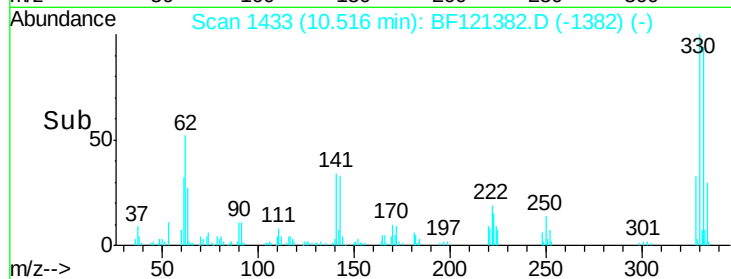
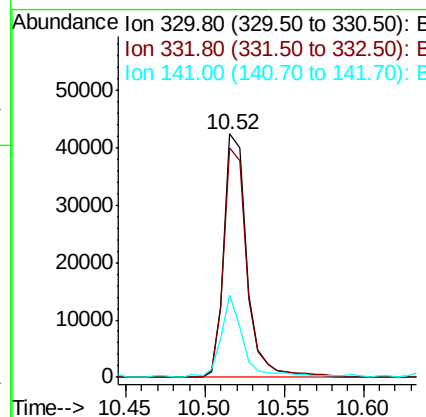
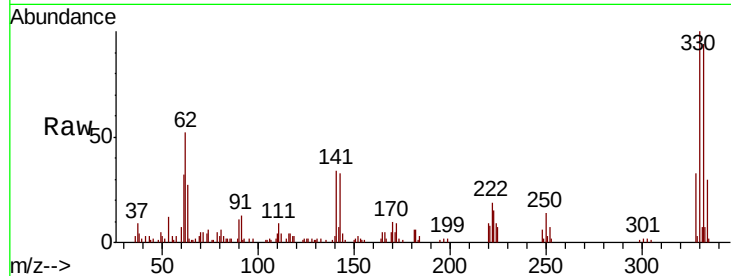
#42
 2,4,6-Tribromophenol
 Concen: 12.017 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121382.D
 Acq: 21 Aug 2020 22:53

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1D

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	34.3	22.8	34.2

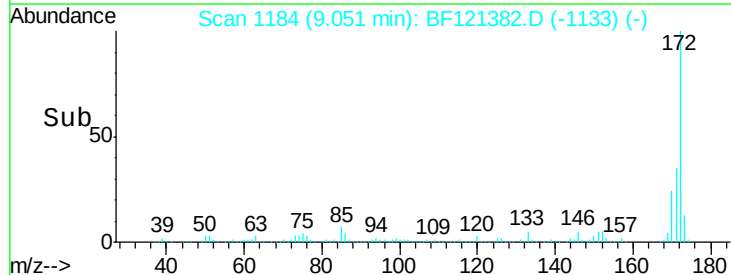
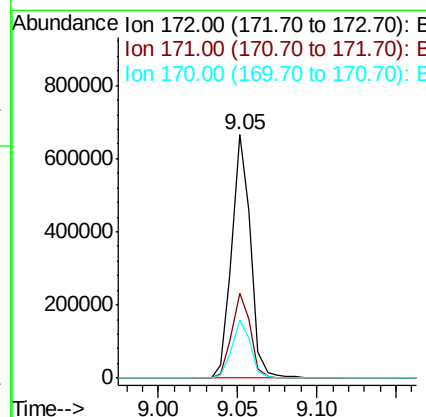
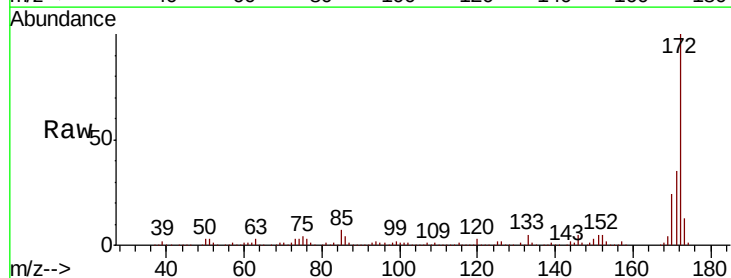
Manual Integrations
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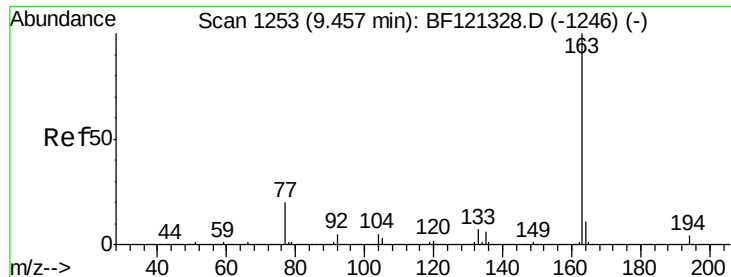
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#45
 2-Fluorobiphenyl
 Concen: 25.438 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121382.D
 Acq: 21 Aug 2020 22:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.0	43.6
170	23.7	19.4	29.2





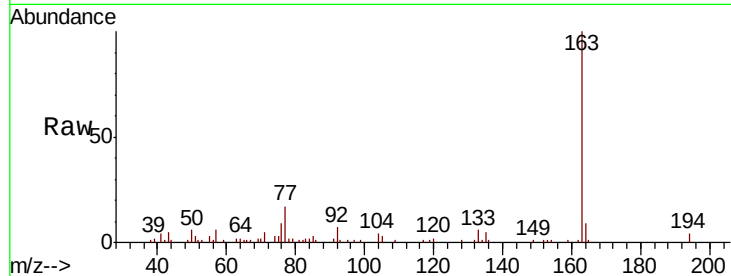
#50
Dimethylphthalate
Concen: 2.397 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF121382.D
Acq: 21 Aug 2020 22:53

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1D

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.2	8.4	12.6

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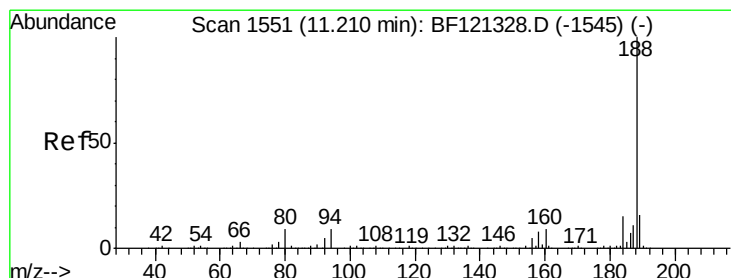
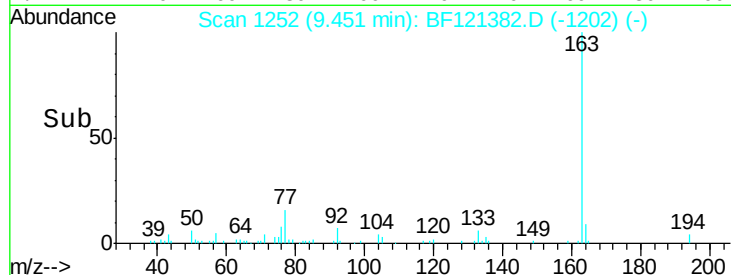
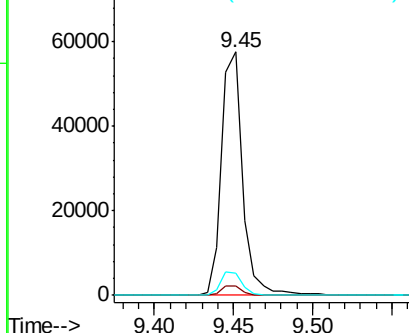


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF121382.D
Acq: 21 Aug 2020 22:53

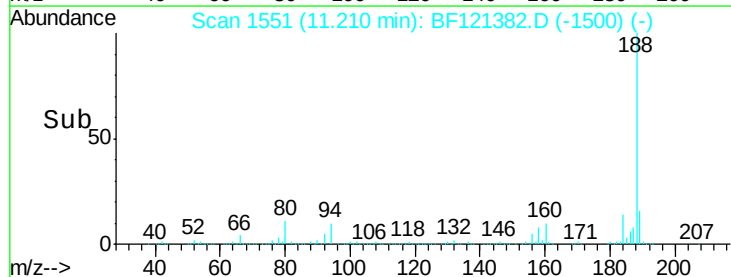
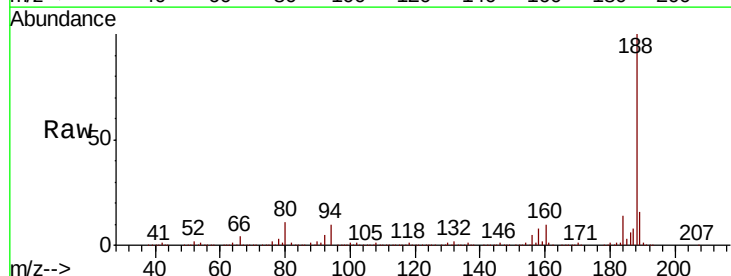
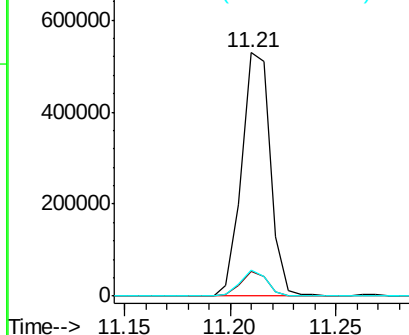
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.2	10.8
80	10.5	7.4	11.0

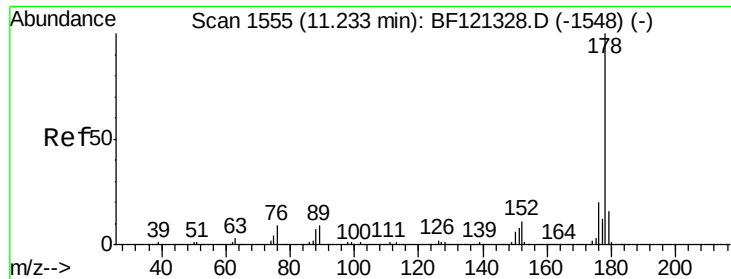
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





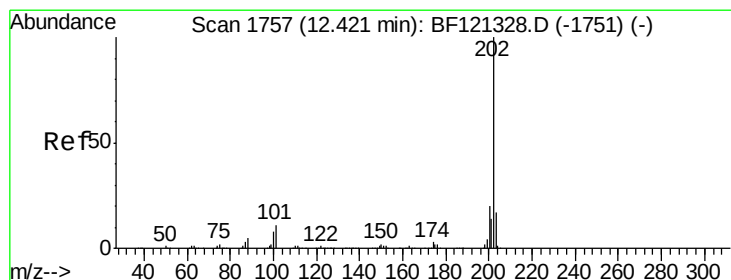
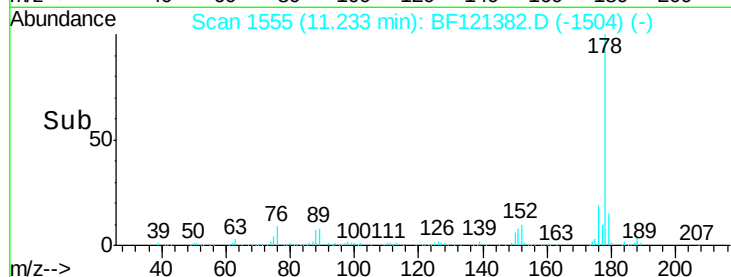
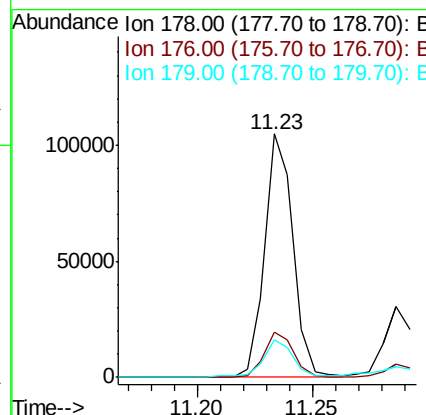
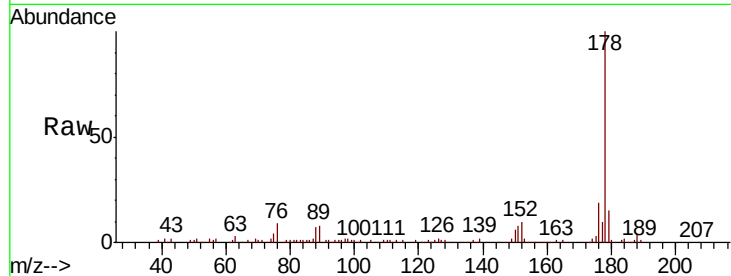
#71
Phenanthrene
Concen: 3.492 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF121382.D
Acq: 21 Aug 2020 22:53

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1D

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.0	24.0
179	15.5	12.8	19.2

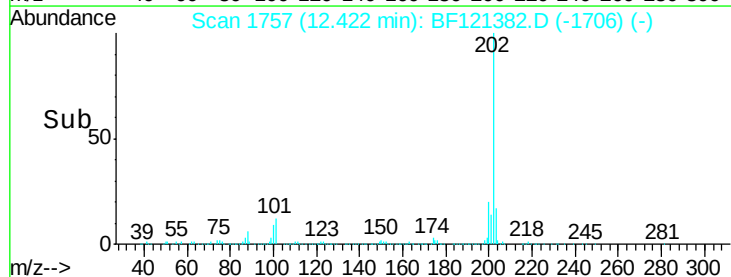
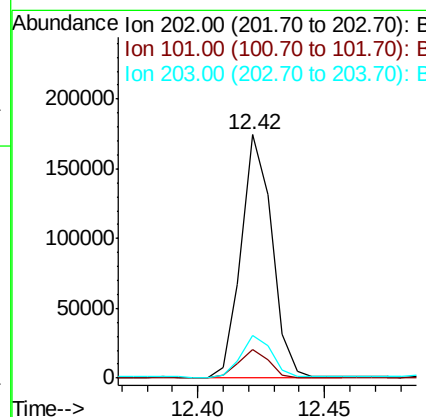
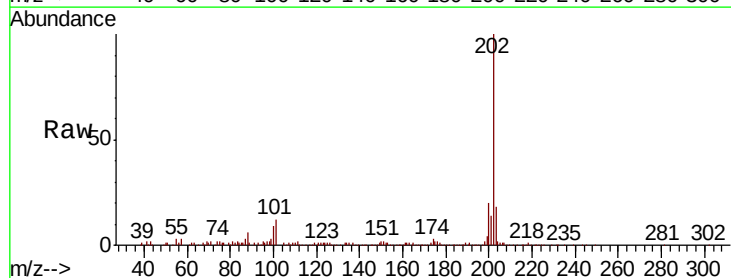
Manual Integrations
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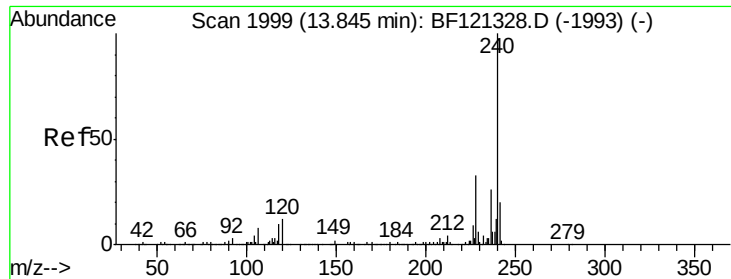
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#75
Fluoranthene
Concen: 5.278 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF121382.D
Acq: 21 Aug 2020 22:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.6
203	17.8	0.0	37.5





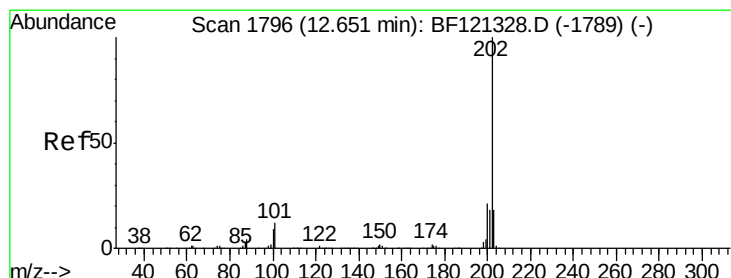
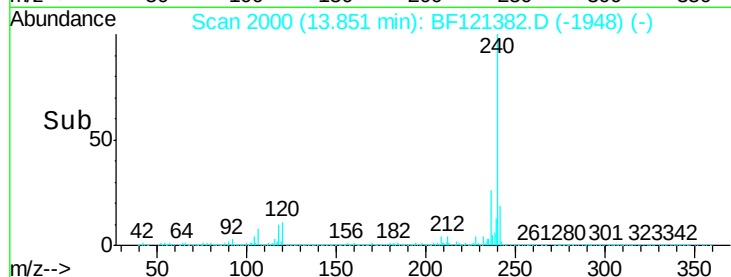
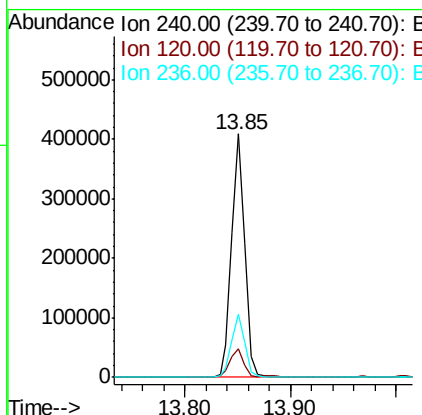
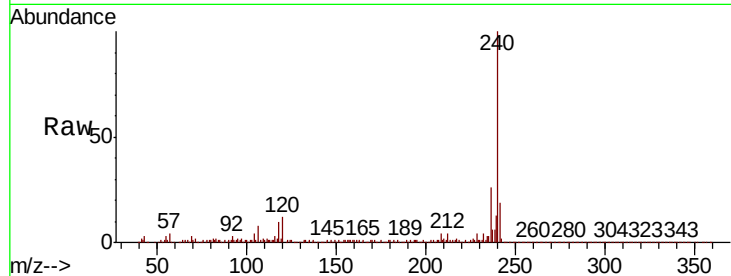
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF121382.D
Acq: 21 Aug 2020 22:53

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1D

Tot Ion	Ratio	Resp	Lower	Upper
240	100	344898		
120	11.7	9.6	14.4	
236	26.1	20.6	31.0	

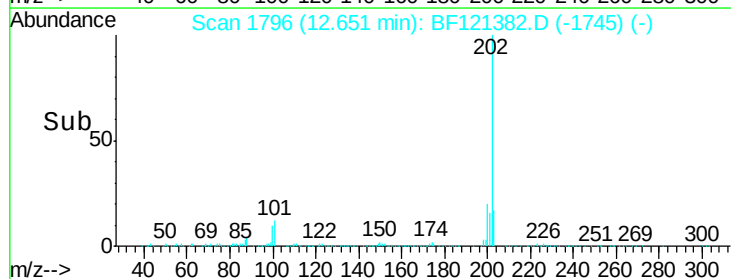
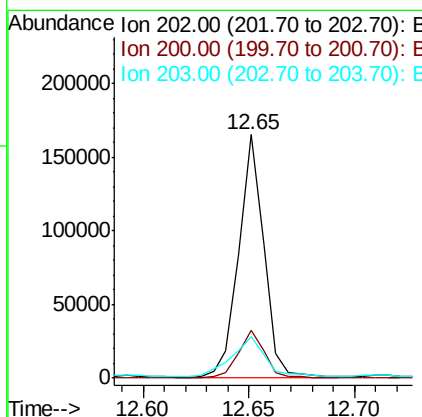
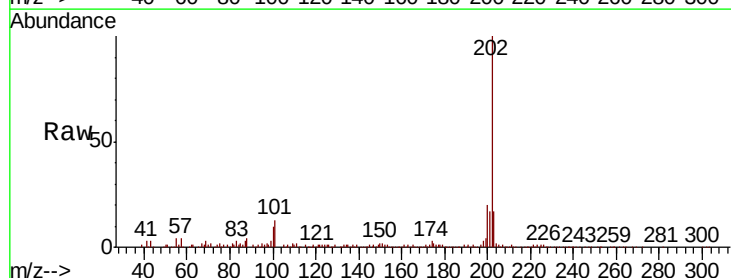
Manual Integrations
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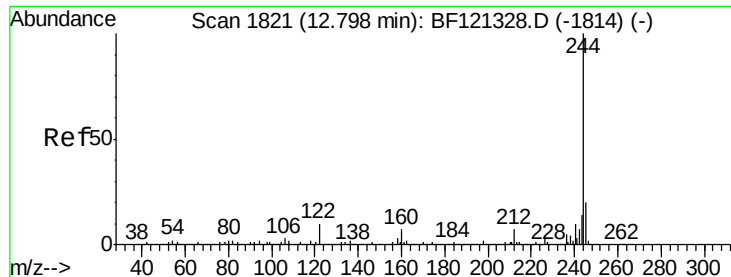
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#78
Pyrene
Concen: 5.211 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF121382.D
Acq: 21 Aug 2020 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	134997		
200	19.6	16.6	24.8	
203	17.2	14.2	21.2	





#79

Terphenyl-d14

Concen: 22.884 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121382.D

Acq: 21 Aug 2020 22:53

Instrument :

BNA_F

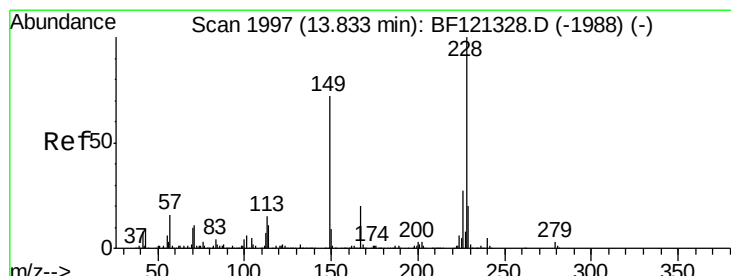
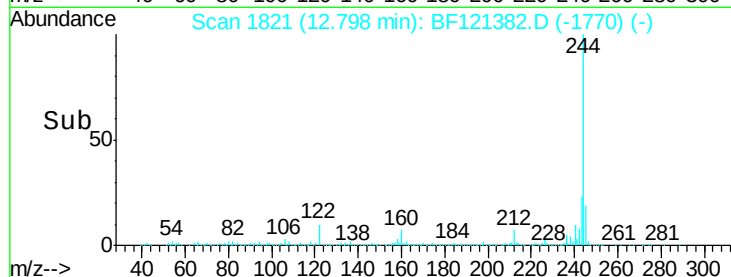
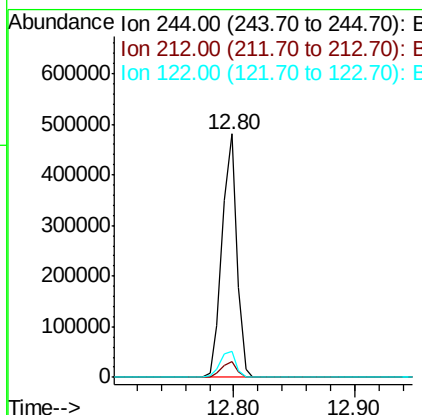
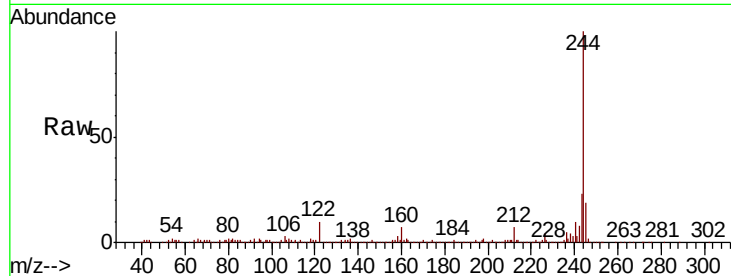
ClientSampleId :

EROC-BF-1D

Tot Ion:	244	Resp:	403890
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	10.4	7.8	11.8

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#81

Benzo(a)anthracene

Concen: 3.232 ng

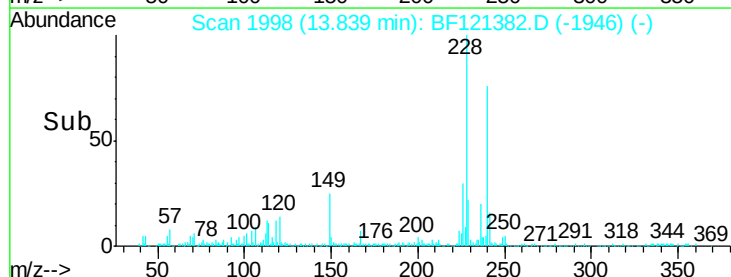
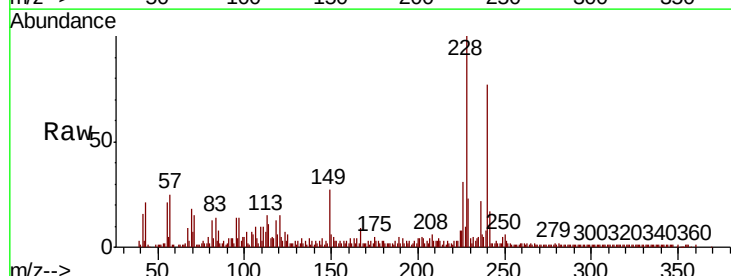
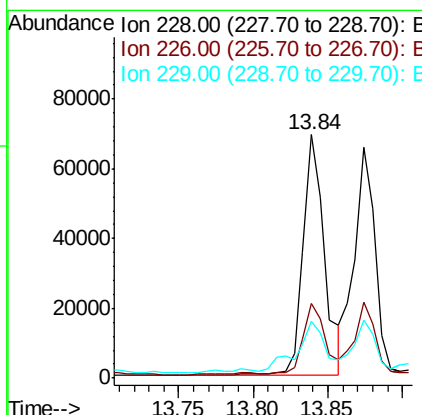
RT: 13.84 min Scan# 1998

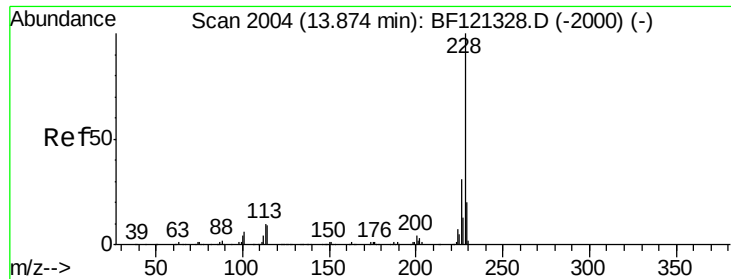
Delta R.T. 0.01 min

Lab File: BF121382.D

Acq: 21 Aug 2020 22:53

Tgt Ion:	228	Resp:	69228
Ion Ratio	Lower	Upper	
228	100		
226	30.5	21.8	32.6
229	23.2	15.8	23.8





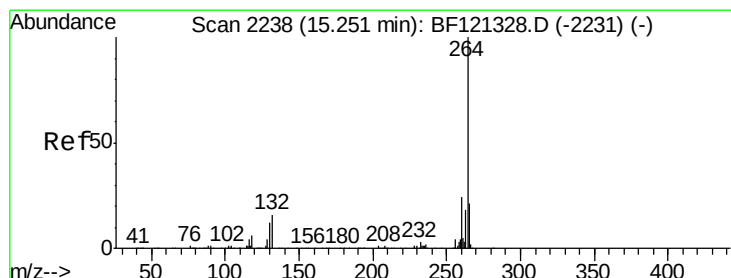
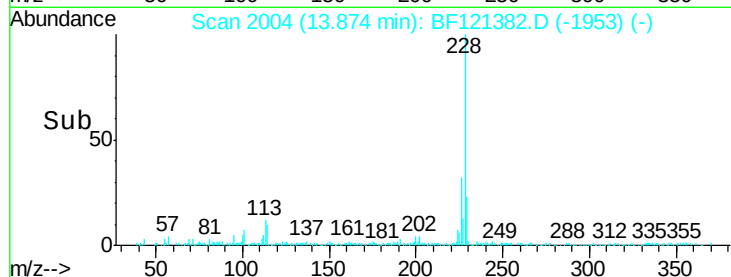
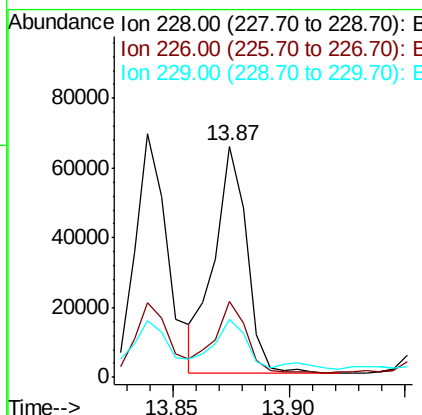
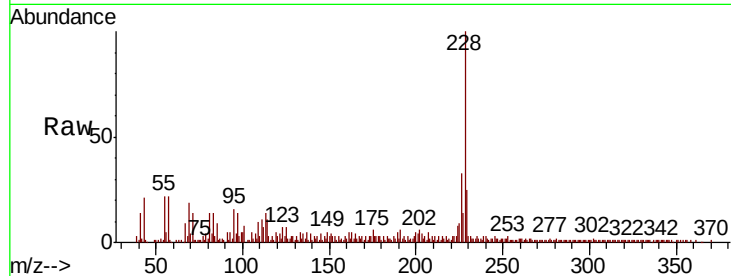
#83
Chrysene
Concen: 2.919 ng/mL
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF121382.D
Acq: 21 Aug 2020 22:53

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1D

Tot Ion:	228	Resp:	63956
Ion Ratio	Lower	Upper	
228	100		
226	32.6	24.6	36.8
229	25.2	15.9	23.9

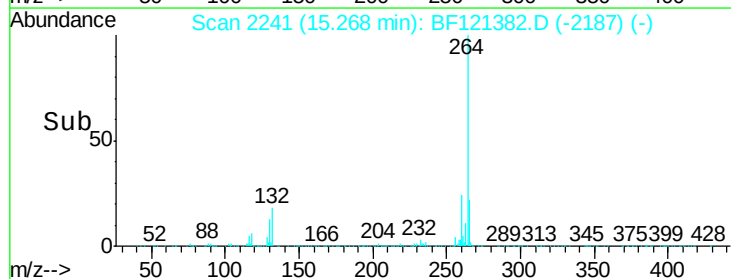
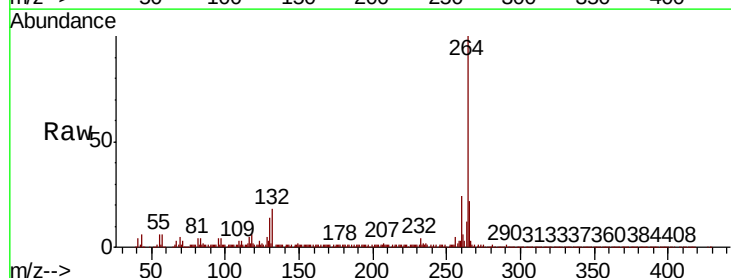
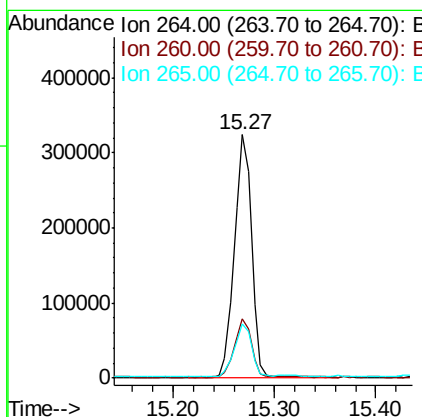
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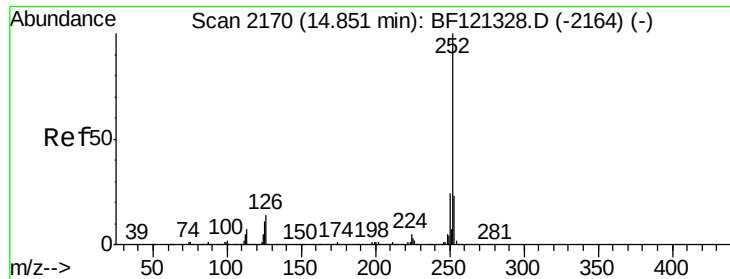
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF121382.D
Acq: 21 Aug 2020 22:53

Tgt Ion:	264	Resp:	380841
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.5	29.3
265	22.3	17.1	25.7





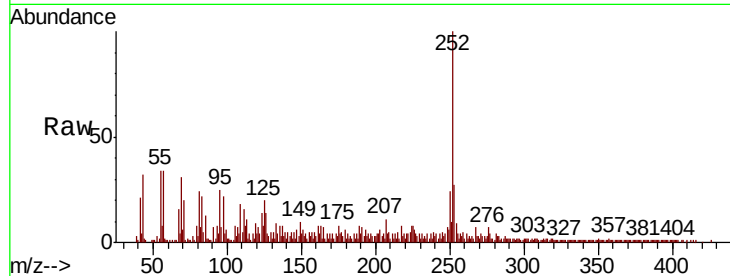
#88
Benzo(b)fluoranthene
Concen: 3.670 ng m
RT: 14.87 min Scan# 2173
Delta R.T. 0.02 min
Lab File: BF121382.D
Acq: 21 Aug 2020 22:53

Instrument :
BNA_F
ClientSampleId :
EROB-BF-1D

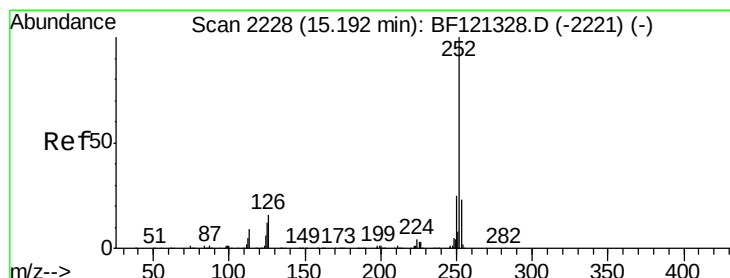
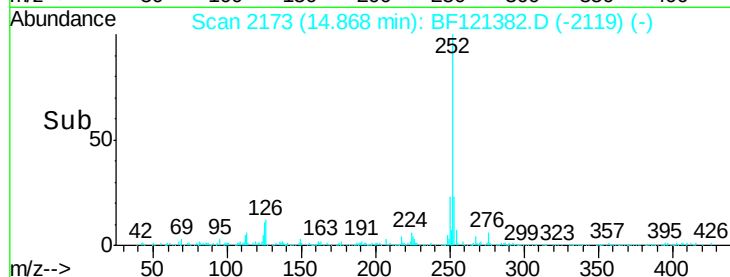
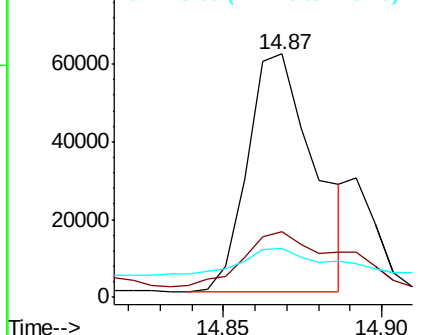
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.0	27.0
125	20.1	8.6	12.8

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: 2.732 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.02 min
Lab File: BF121382.D
Acq: 21 Aug 2020 22:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.0	27.0
125	20.8	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

