

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121383.D
 Acq On : 21 Aug 2020 23:23
 Operator : JU/CG
 Sample : L3734-02 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1A

Manual Integrations
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 8/24/2020 1:50:13 PM

Quant Time: Aug 22 03:00:09 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	159424	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	592758	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	271708	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	436879	20.00	ng	0.00
76) Chrysene-d12	13.85	240	337500	20.00	ng	0.00
86) Perylene-d12	15.27	264	349276	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	178448	18.35	ng	0.00
7) Phenol-d6	6.34	99	479472	38.63	ng	0.00
23) Nitrobenzene-d5	7.26	82	335839	32.04	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	21685	6.85	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	618843	36.32	ng	0.00
79) Terphenyl-d14	12.80	244	456123	26.41	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	57299	2.899	ng	98
71) Phenanthrene	11.23	178	86383	3.820	ng	99
75) Fluoranthene	12.42	202	146089	5.953	ng	97
78) Pyrene	12.65	202	130391	5.143	ng	99
81) Benzo(a)anthracene	13.84	228	68287	3.258	ng	# 92
83) Chrysene	13.88	228	72889	3.400	ng	# 95
84) Bis(2-ethylhexyl)phthalate	13.84	149	101603	7.931	ng	# 96
88) Benzo(b)fluoranthene	14.87	252	88325m	3.914	ng	
90) Benzo(a)pyrene	15.21	252	56297	2.888	ng	# 78

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

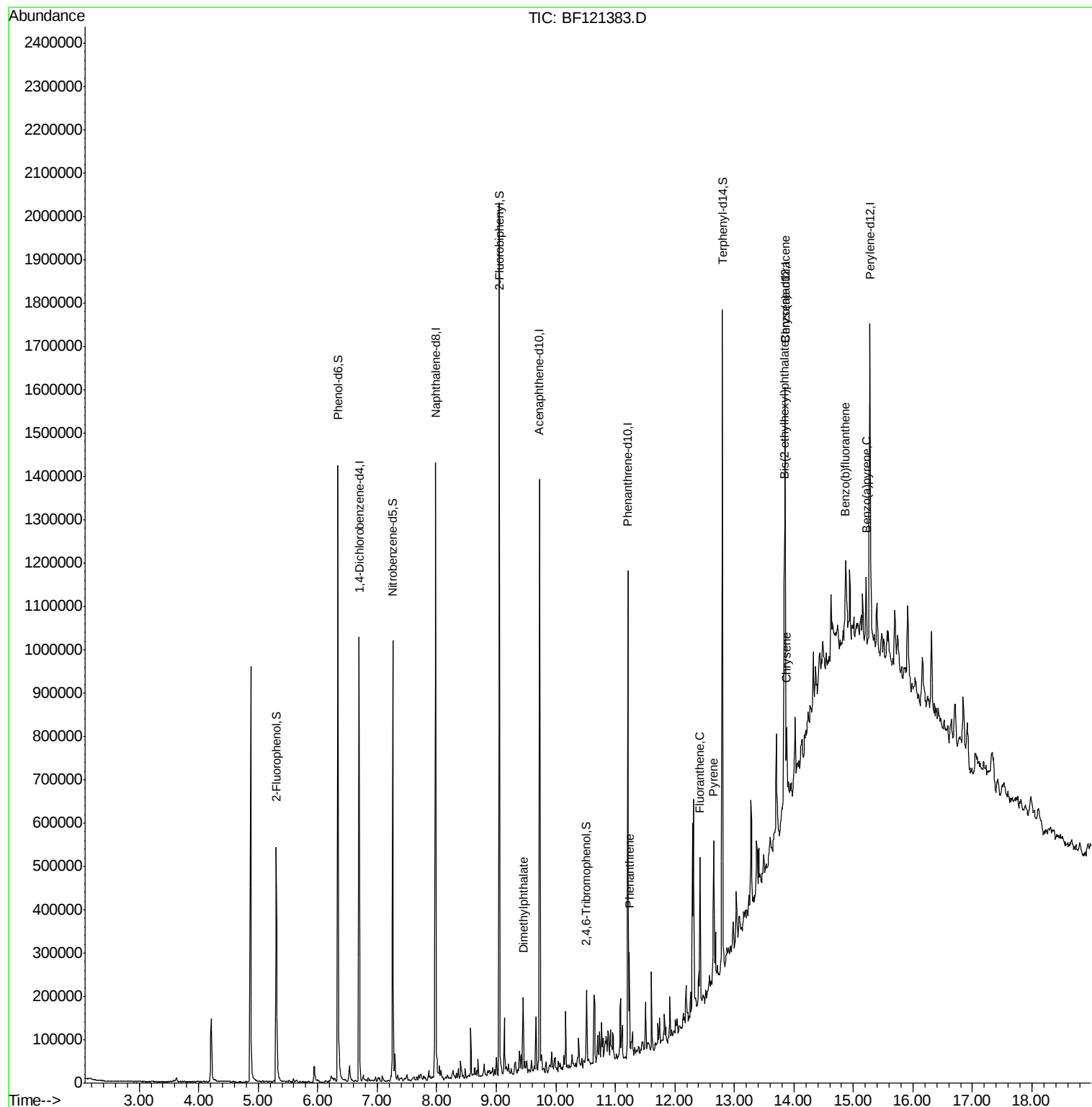
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121383.D
Acq On : 21 Aug 2020 23:23
Operator : JU/CG
Sample : L3734-02 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

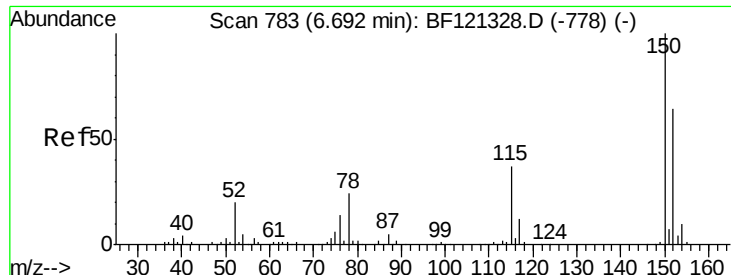
Instrument :
BNA_F
ClientSampleId :
EROC-BF-1A

Manual Integrations
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#1

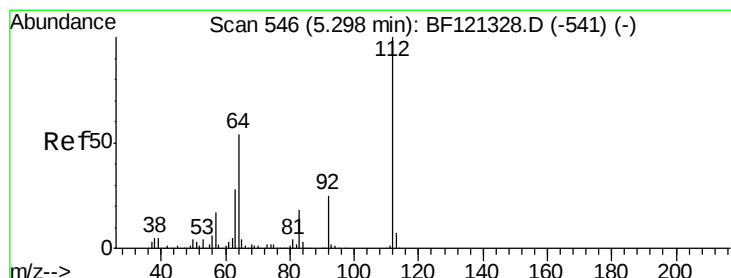
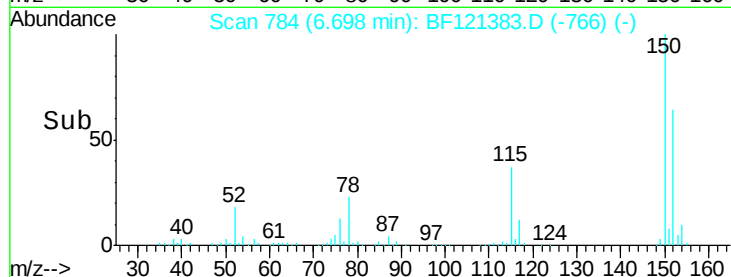
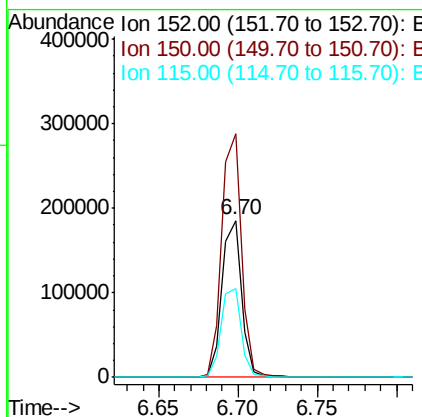
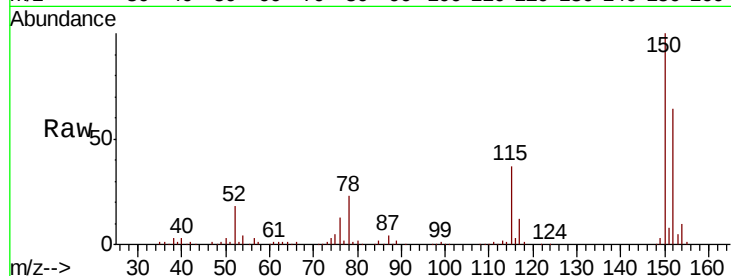
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF121383.D
Acq: 21 Aug 2020 23:23

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.8	187.2
115	56.7	46.1	69.1

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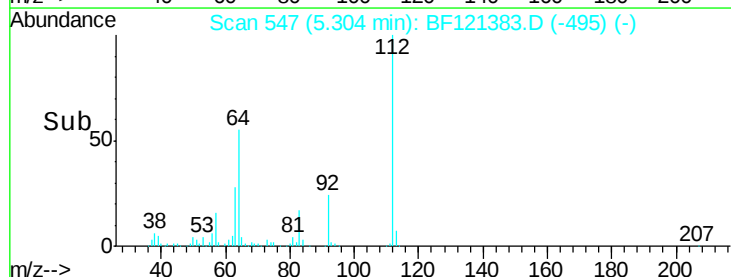
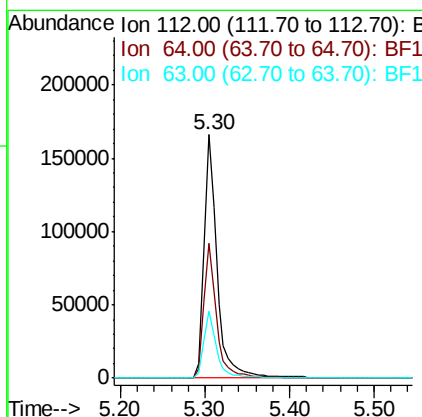
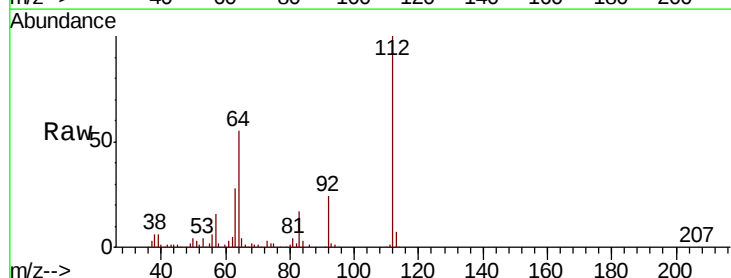
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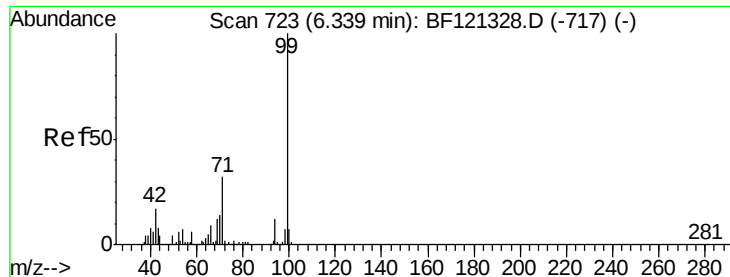


#5

2-Fluorophenol
Concen: 18.354 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF121383.D
Acq: 21 Aug 2020 23:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.5	65.3
63	27.6	22.0	33.0





#7

Phenol-d6

Concen: 38.631 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF121383.D

Acq: 21 Aug 2020 23:23

Instrument :

BNA_F

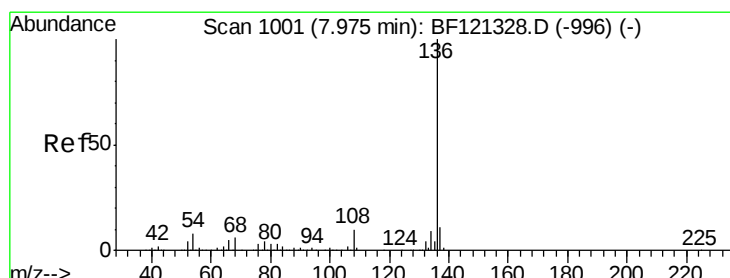
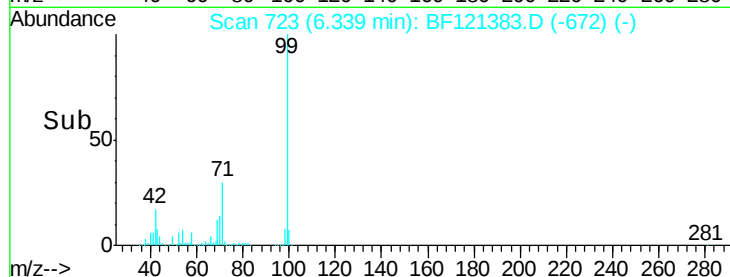
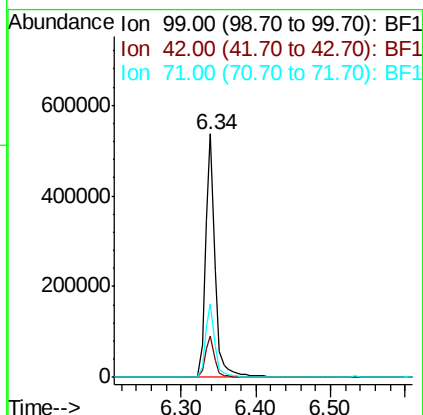
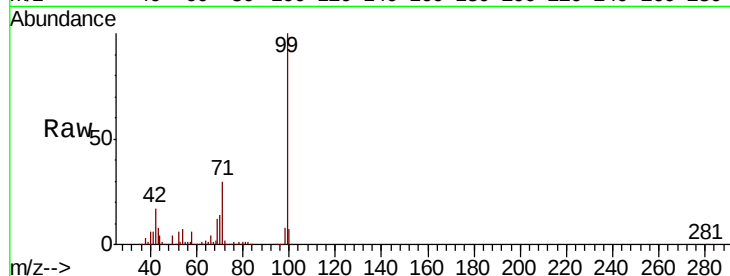
ClientSampleId :

EROC-BF-1A

Tot Ion:	99	Resp:	479472
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	30.3	25.2	37.8

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#21

Naphthalene-d8

Concen: 20.000 ng

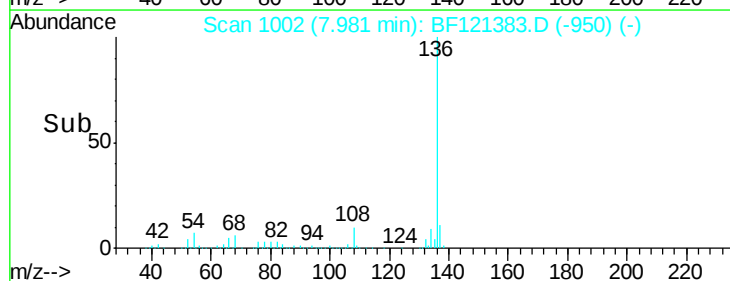
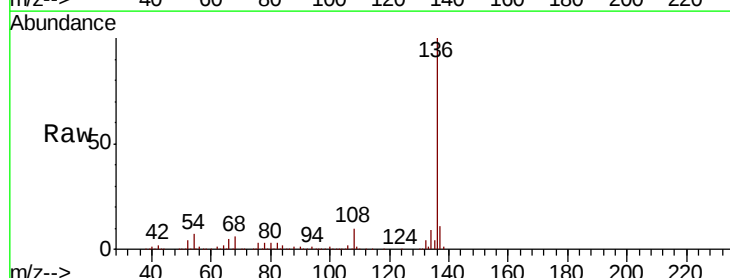
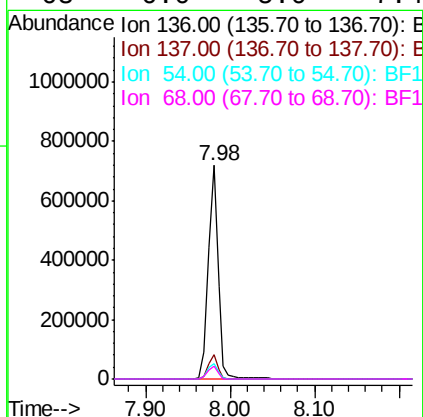
RT: 7.98 min Scan# 1002

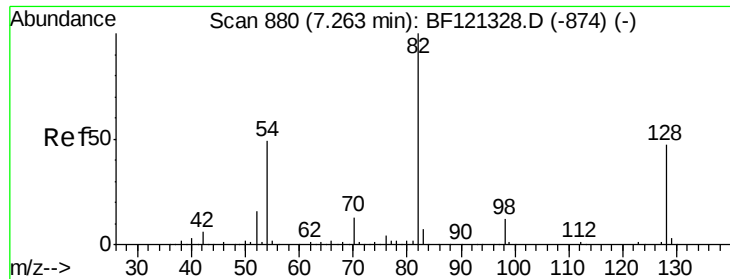
Delta R.T. 0.01 min

Lab File: BF121383.D

Acq: 21 Aug 2020 23:23

Tgt Ion:	136	Resp:	592758
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.3	6.1	9.1
68	6.0	5.0	7.4





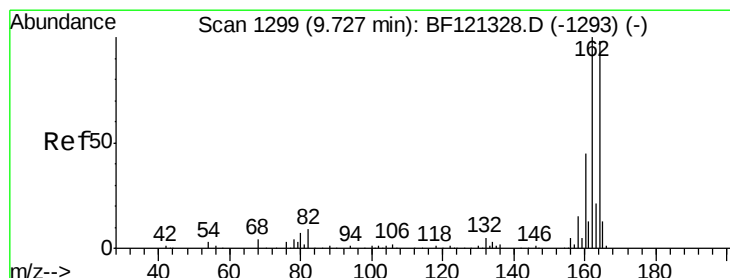
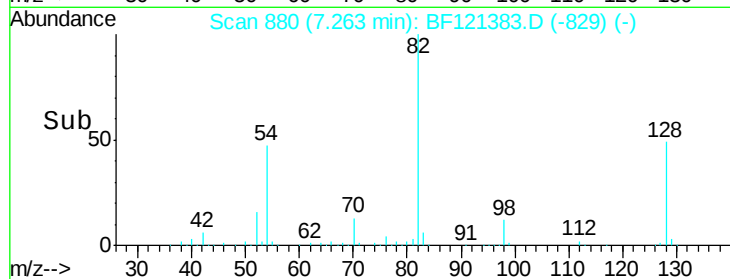
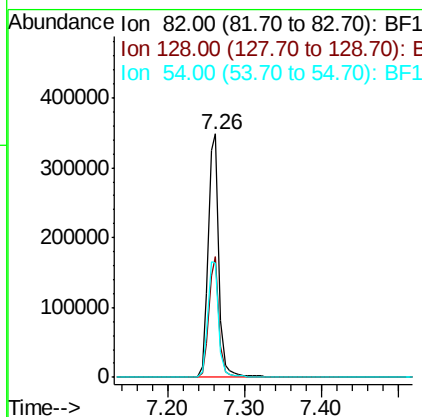
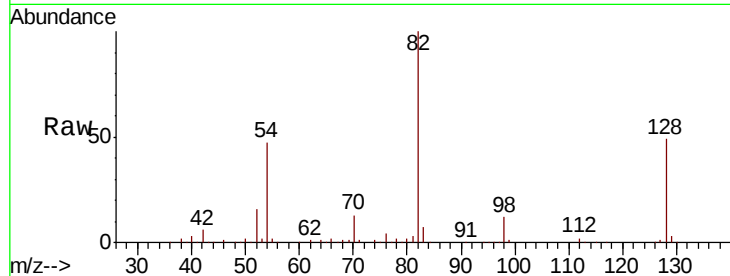
#23
 Nitrobenzene-d5
 Concen: 32.043 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF121383.D
 Acq: 21 Aug 2020 23:23

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1A

Tot Ion	82	Resp	335839
Ion Ratio	Lower	Upper	
82	100		
128	49.4	37.9	56.9
54	47.0	39.0	58.4

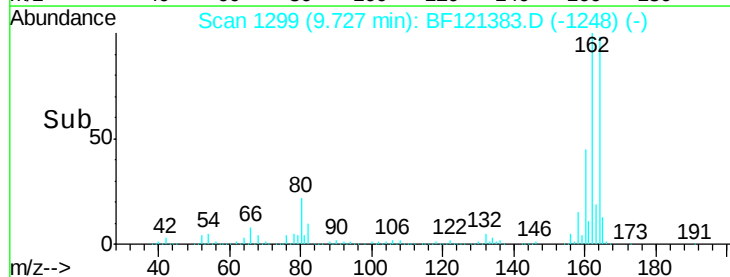
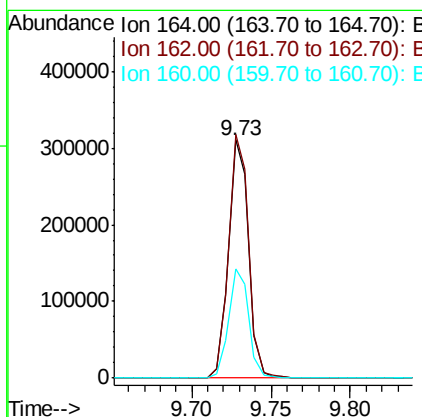
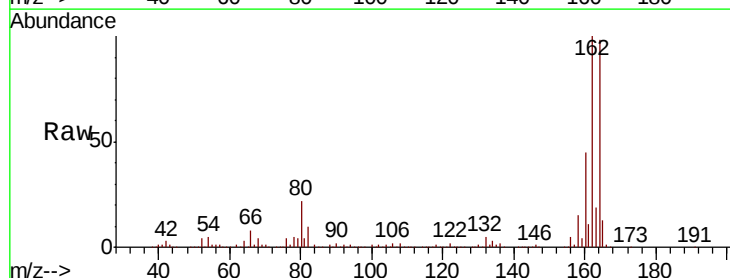
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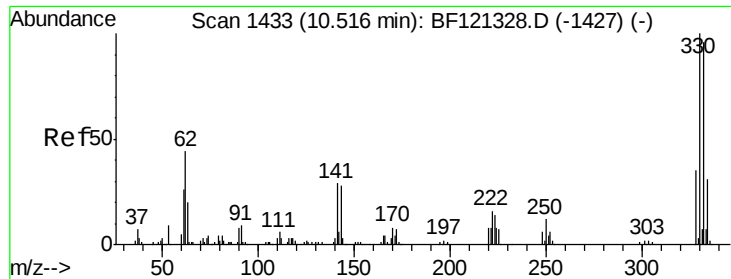
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF121383.D
 Acq: 21 Aug 2020 23:23

Tgt Ion	164	Resp	271708
Ion Ratio	Lower	Upper	
164	100		
162	102.1	81.7	122.5
160	45.8	37.0	55.4





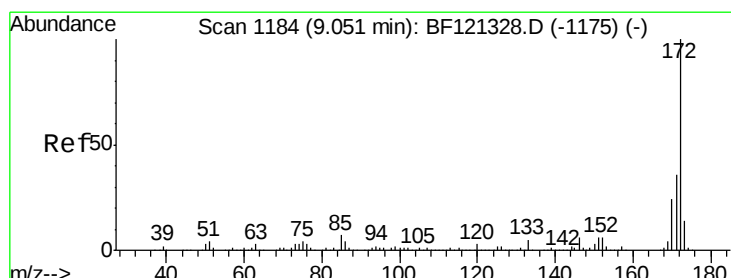
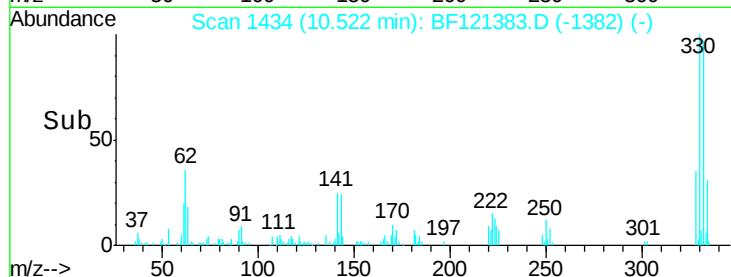
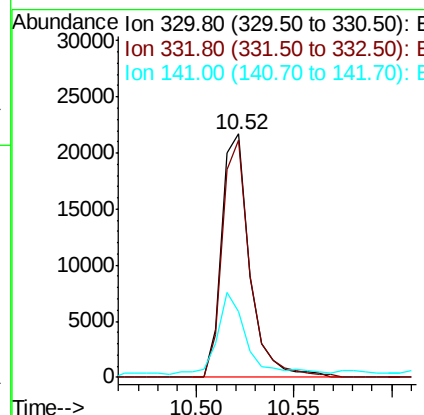
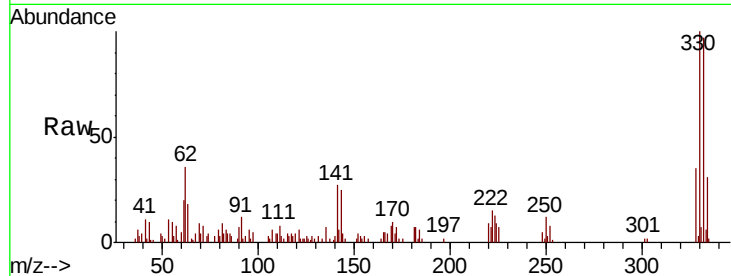
#42
 2,4,6-Tribromophenol
 Concen: 6.849 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121383.D
 Acq: 21 Aug 2020 23:23

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	36.8	22.8	34.2

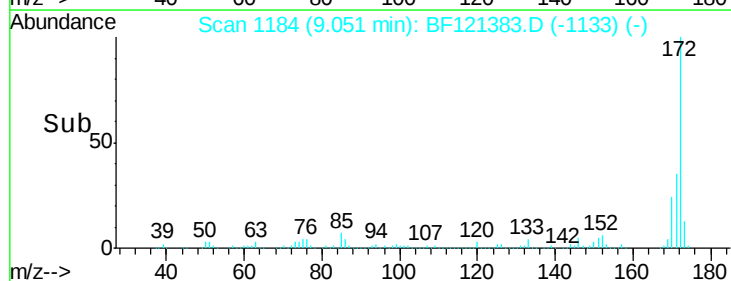
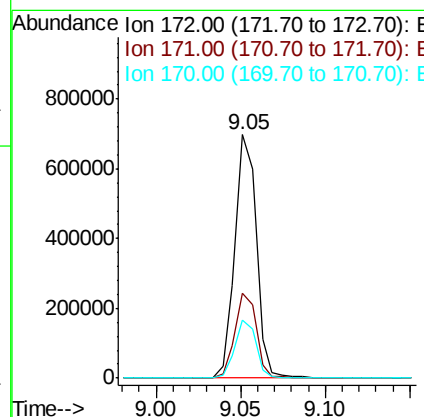
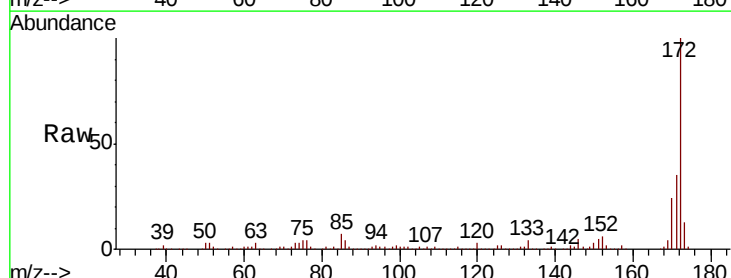
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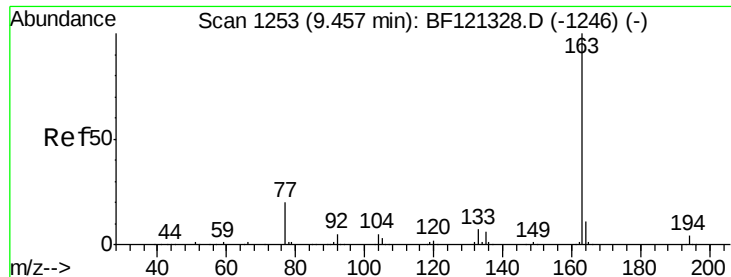
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#45
 2-Fluorobiphenyl
 Concen: 36.319 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121383.D
 Acq: 21 Aug 2020 23:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.6
170	23.7	19.4	29.2





#50

Dimethylphthalate

Concen: 2.899 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF121383.D

Acq: 21 Aug 2020 23:23

Instrument :

BNA_F

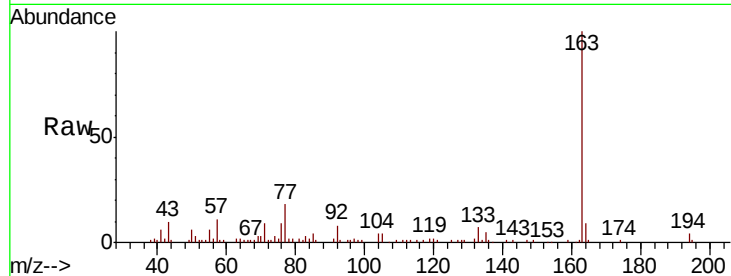
ClientSampleId :

EROC-BF-1A

Tot Ion:	163	Resp:	57299
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.6
164	9.4	8.4	12.6

Manual Integrations
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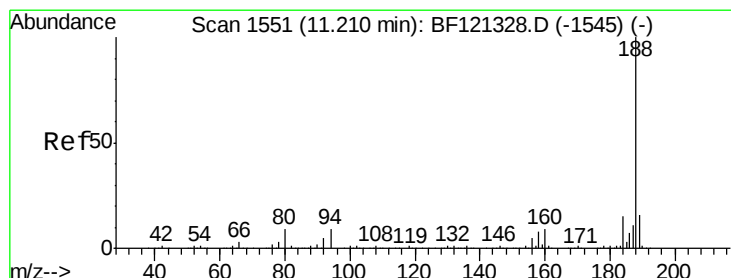
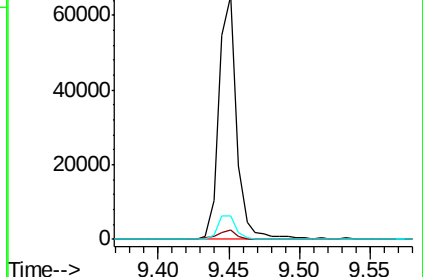
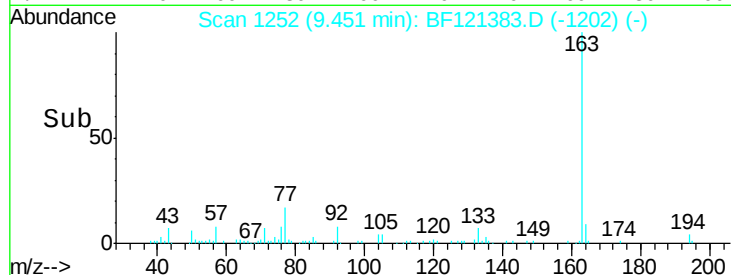
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Abundance Ion 163.00 (162.70 to 163.70): E

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

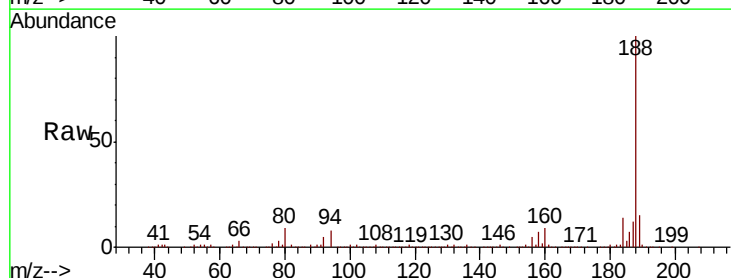
RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF121383.D

Acq: 21 Aug 2020 23:23

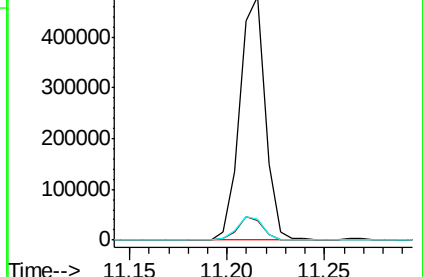
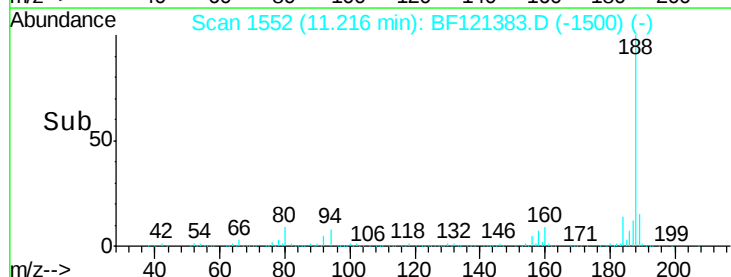
Tgt Ion:	188	Resp:	436879
Ion Ratio	Lower	Upper	
188	100		
94	8.3	7.2	10.8
80	8.8	7.4	11.0

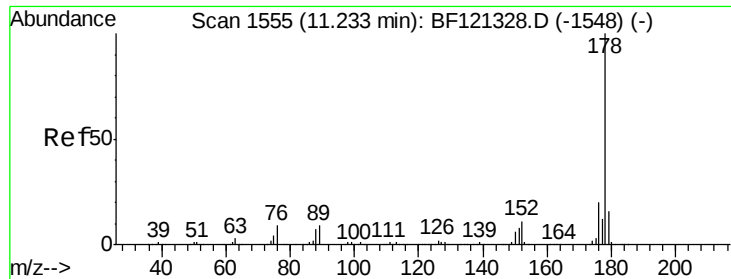


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





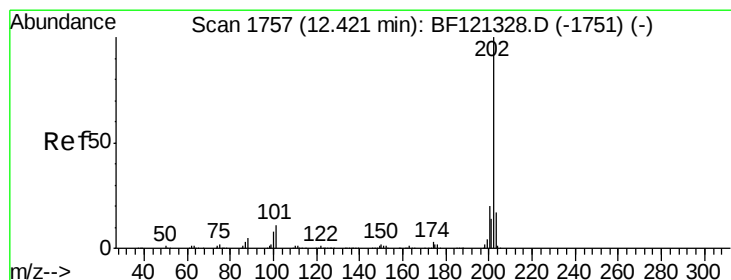
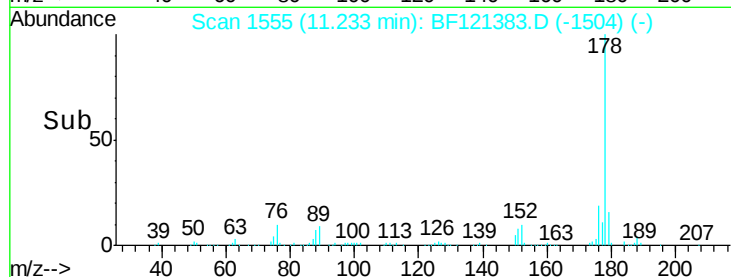
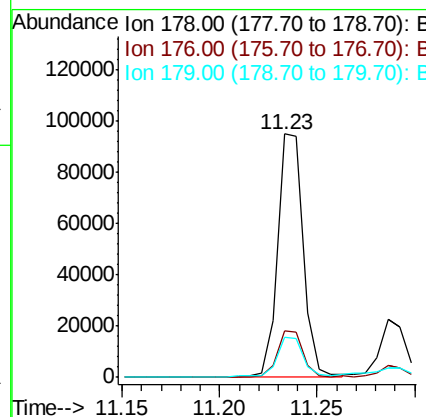
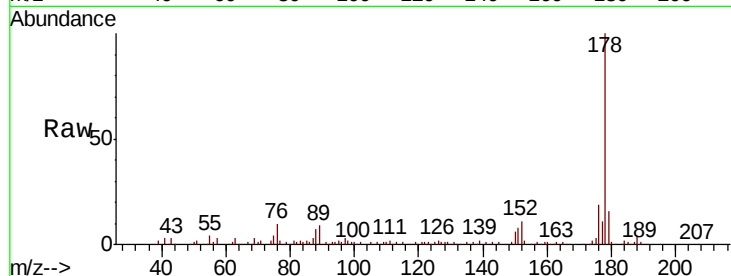
#71
Phenanthrene
Concen: 3.820 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF121383.D
Acq: 21 Aug 2020 23:23

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	16.4	12.8	19.2

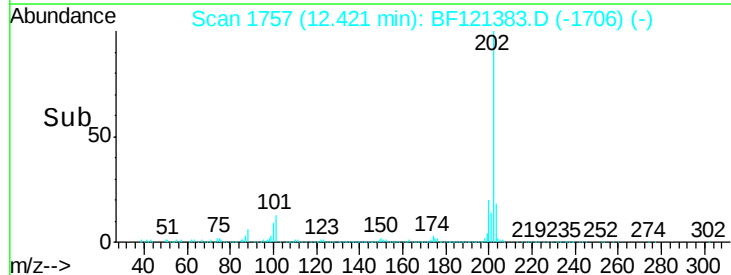
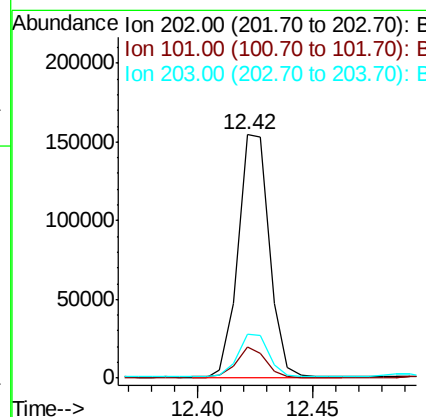
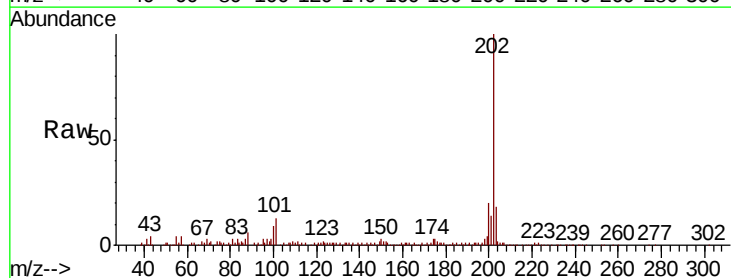
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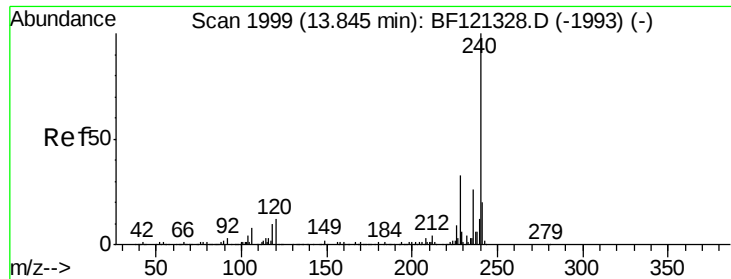
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#75
Fluoranthene
Concen: 5.953 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF121383.D
Acq: 21 Aug 2020 23:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	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: BF121383.D

Acq: 21 Aug 2020 23:23

Instrument :

BNA_F

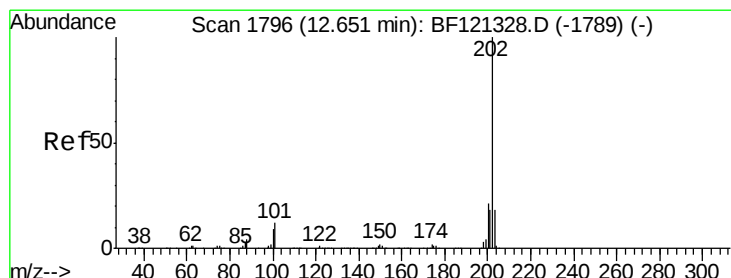
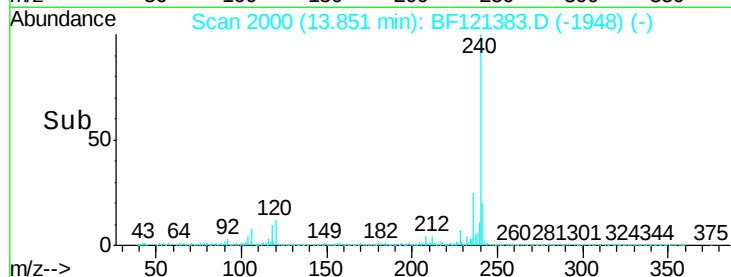
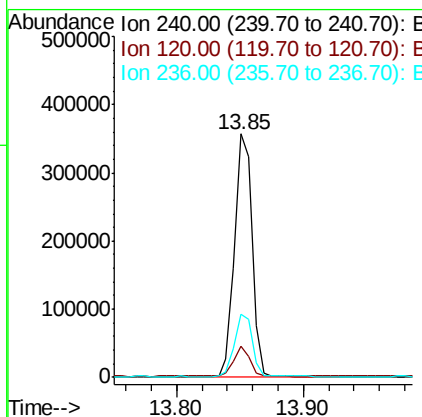
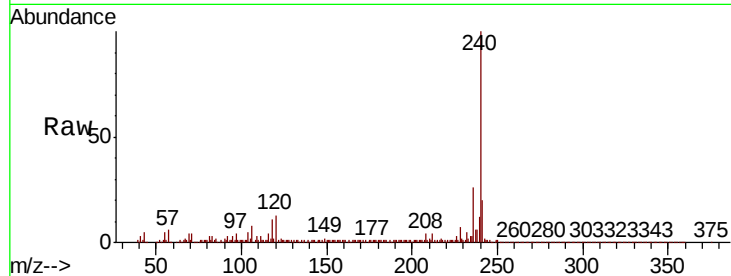
ClientSampleId :

EROC-BF-1A

Tot Ion:	240	Resp:	337500
Ion Ratio	Lower	Upper	
240	100		
120	12.5	9.6	14.4
236	25.8	20.6	31.0

Manual Integrations
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#78

Pyrene

Concen: 5.143 ng

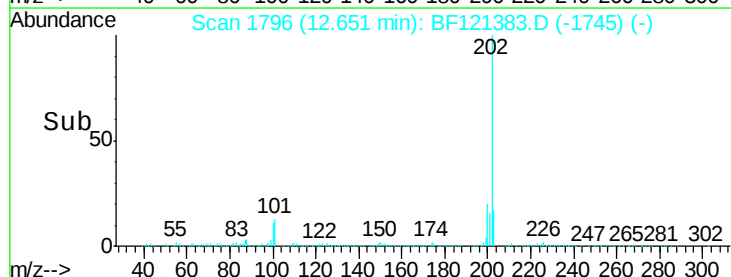
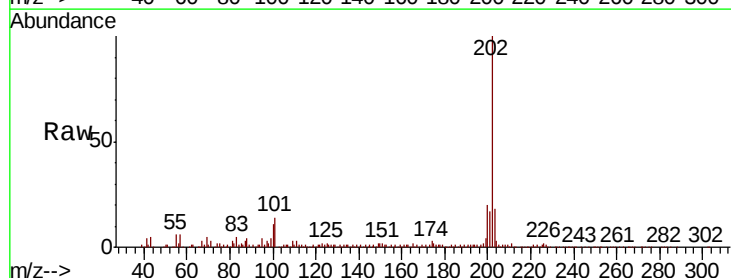
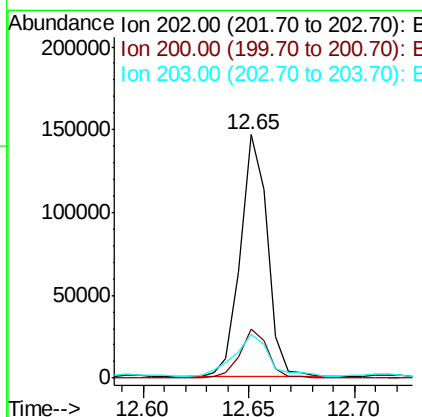
RT: 12.65 min Scan# 1796

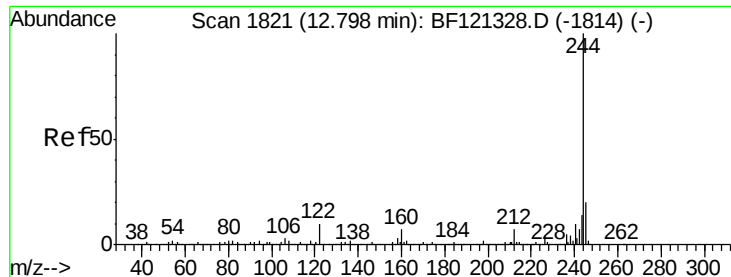
Delta R.T. 0.00 min

Lab File: BF121383.D

Acq: 21 Aug 2020 23:23

Tgt Ion:	202	Resp:	130391
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.6	24.8
203	18.1	14.2	21.2





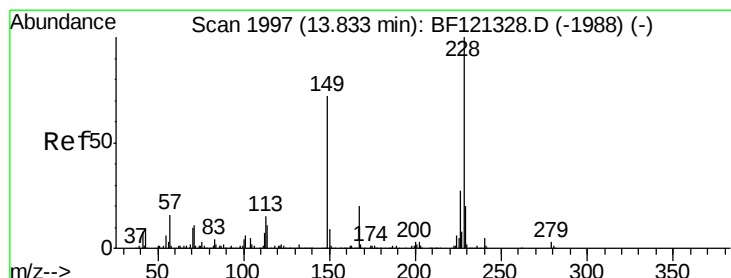
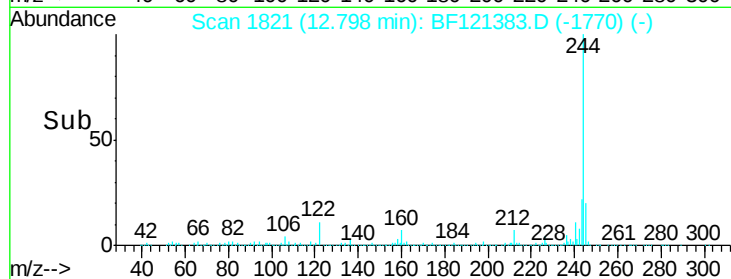
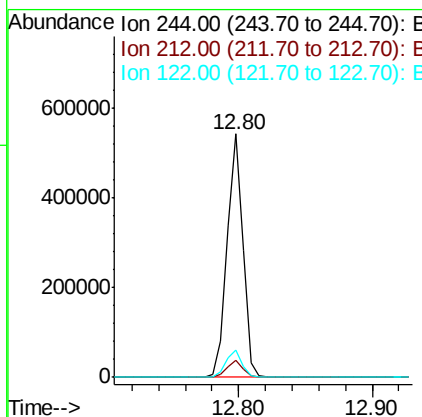
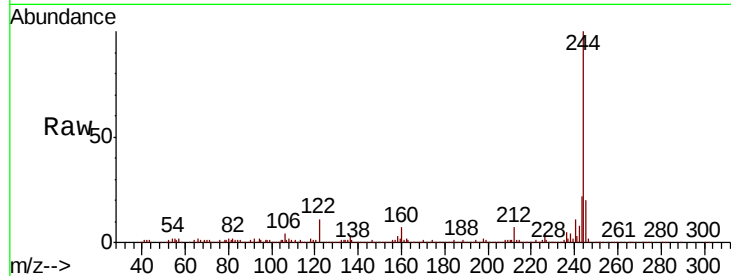
#79
 Terphenyl-d14
 Concen: 26.410 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF121383.D
 Acq: 21 Aug 2020 23:23

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1A

Tot Ion:	244	Resp:	456123
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	11.3	7.8	11.8

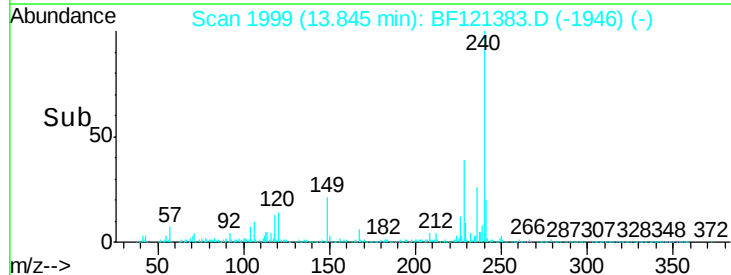
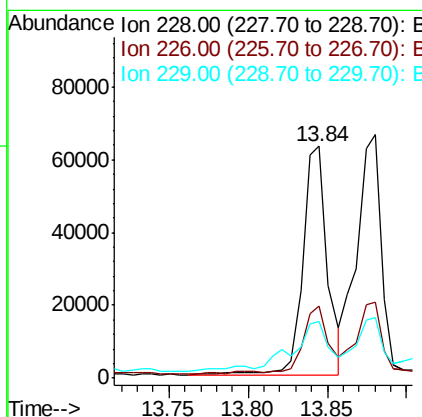
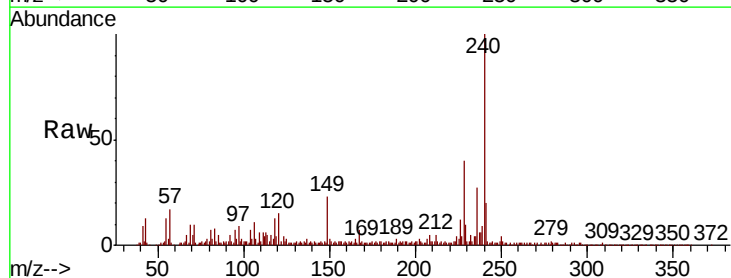
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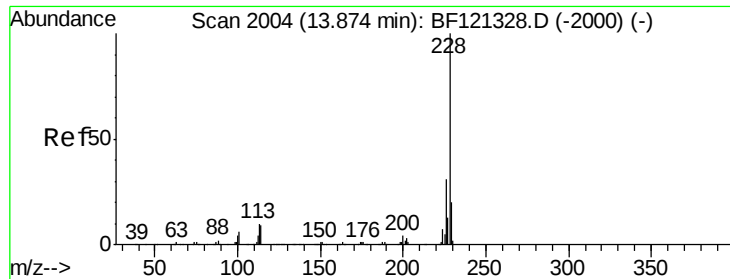
Sohil
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#81
 Benzo(a)anthracene
 Concen: 3.258 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.01 min
 Lab File: BF121383.D
 Acq: 21 Aug 2020 23:23

Tgt Ion:	228	Resp:	68287
Ion Ratio	Lower	Upper	
228	100		
226	31.1	21.8	32.6
229	24.3	15.8	23.8#





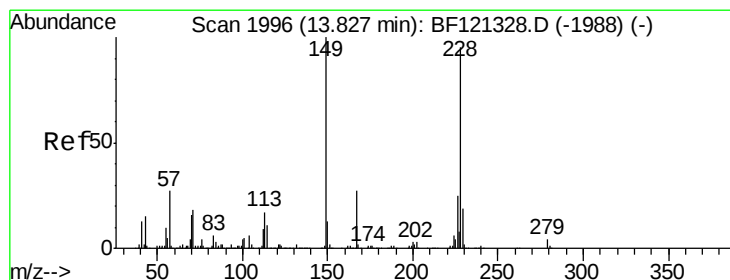
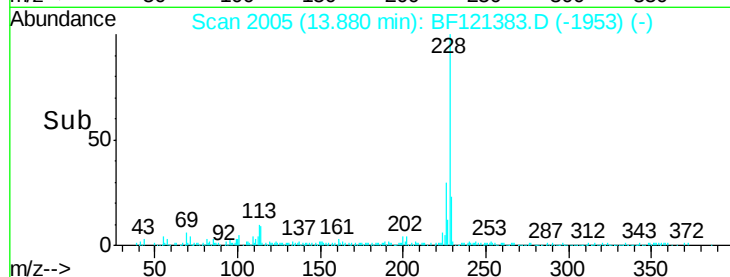
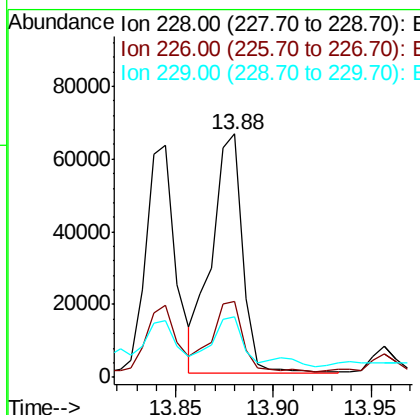
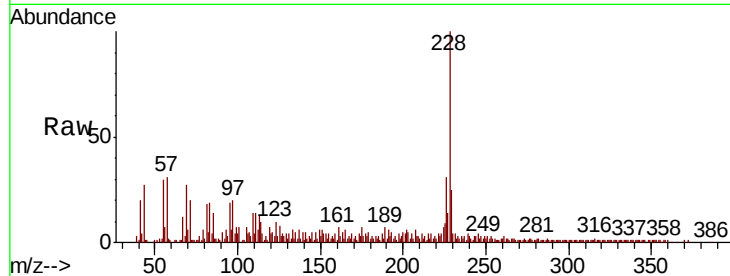
#83
 Chrvsene
 Concen: 3.400 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BF121383.D
 Acq: 21 Aug 2020 23:23

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1A

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	36.8
229	25.0	15.9	23.9

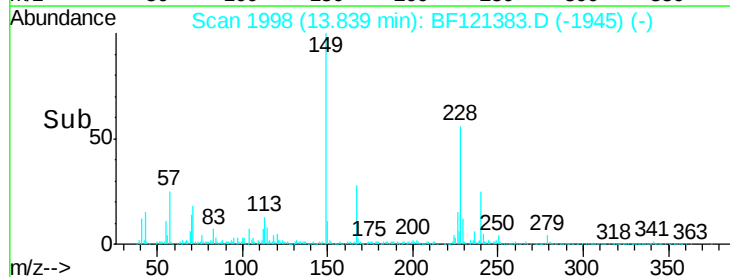
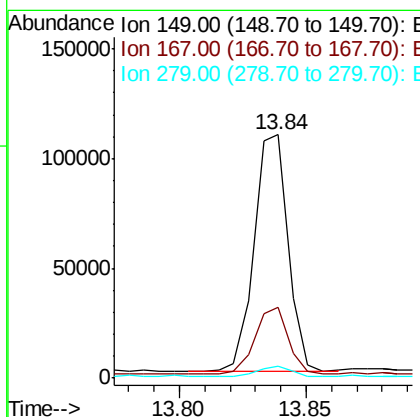
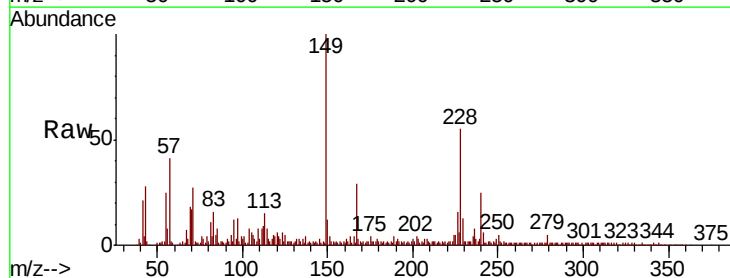
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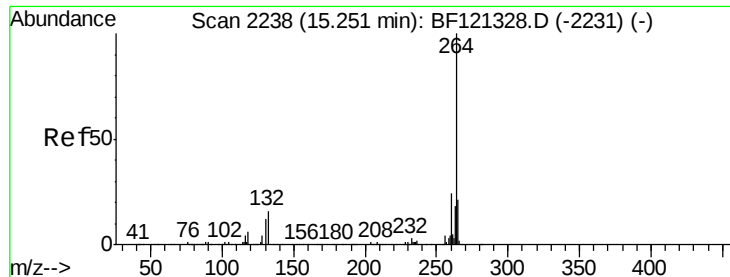
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.931 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BF121383.D
 Acq: 21 Aug 2020 23:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.5	32.3
279	4.8	2.9	4.3





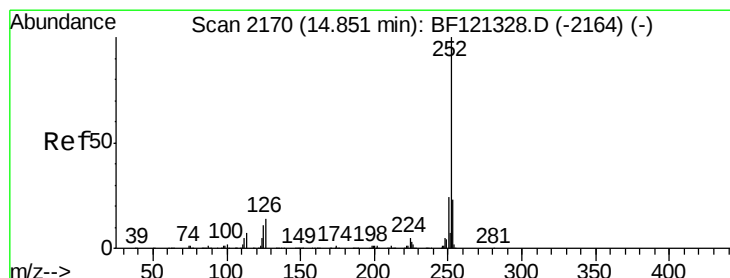
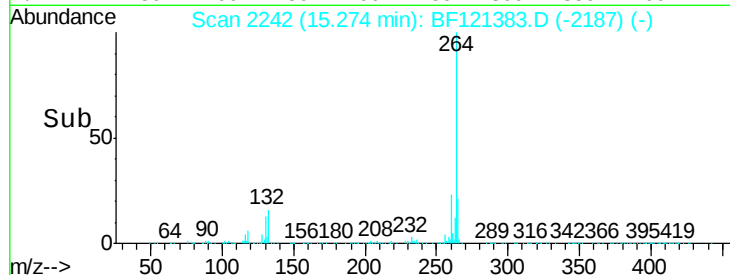
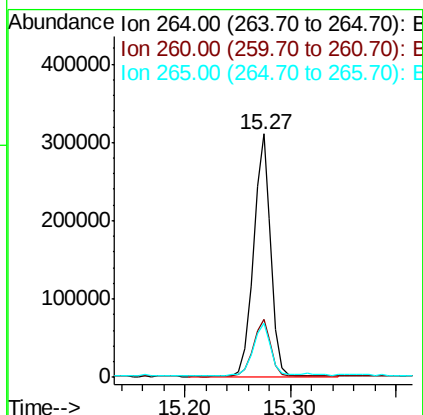
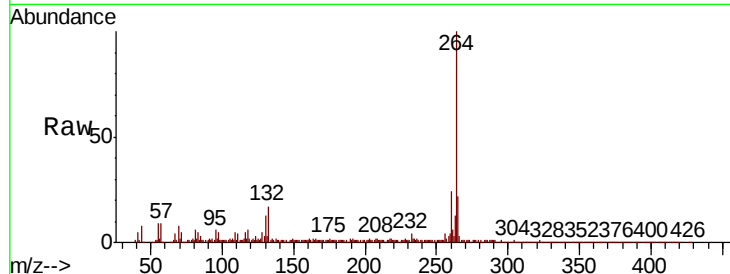
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF121383.D
Acq: 21 Aug 2020 23:23

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.1	17.1	25.7

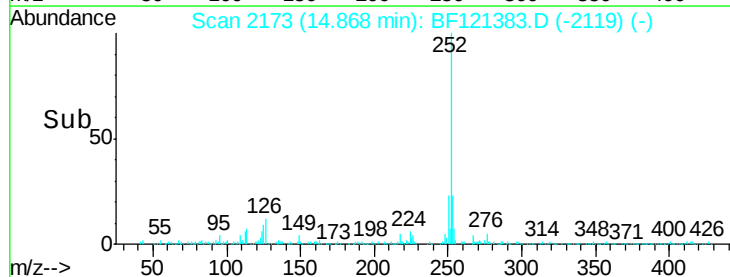
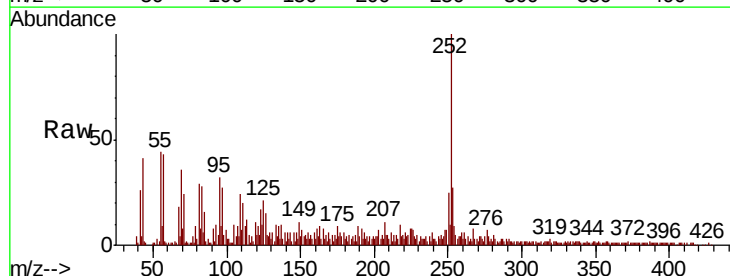
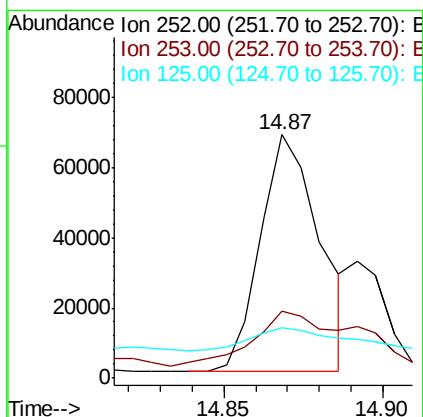
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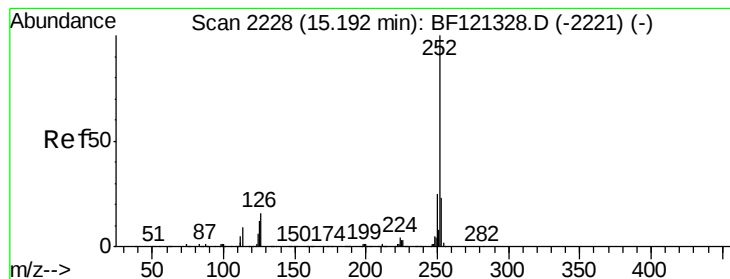
Sohil
8/24/2020 1:50:13 PM



#88
Benzo(b)fluoranthene
Concen: 3.914 ng m
RT: 14.87 min Scan# 2173
Delta R.T. 0.02 min
Lab File: BF121383.D
Acq: 21 Aug 2020 23:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.0	27.0#
125	20.8	8.6	12.8#





#90
 Benzo(a)pyrene
 Concen: 2.888 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. 0.02 min
 Lab File: BF121383.D
 Acq: 21 Aug 2020 23:23

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1A

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	18.0	27.0#
125	27.1	9.4	14.0#

Manual Integrations
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 8/24/2020 1:50:13 PM

