

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121434.D
 Acq On : 25 Aug 2020 18:39
 Operator : JU/CG
 Sample : L3786-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 688-157

Manual Integrations
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Quant Time: Aug 26 06:32:07 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	143600	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	544134	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	149073	20.00	ng	0.02
64) Phenanthrene-d10	11.28	188	108042	20.00	ng	0.07
76) Chrysene-d12	13.89	240	295489	20.00	ng	0.04
86) Perylene-d12	15.27	264	369403	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	634954	72.50	ng	0.00
7) Phenol-d6	6.35	99	781829	69.93	ng	0.00
23) Nitrobenzene-d5	7.26	82	510428	53.05	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	122187	70.34	ng	0.04
45) 2-Fluorobiphenyl	9.06	172	747394	98.26	ng	0.00
79) Terphenyl-d14	12.86	244	315780	20.88	ng	0.07
Target Compounds						
50) Dimethylphthalate	9.46	163	165390	15.250	ng	# 85
75) Fluoranthene	12.51	202	27909	4.598	ng	# 34
81) Benzo(a)anthracene	13.87	228	46467	2.532	ng	# 84
83) Chrysene	13.91	228	52046	2.773	ng	# 94
84) Bis(2-ethylhexyl)phthalate	13.85	149	28705	2.559	ng	# 80
87) Indeno(1,2,3-cd)pyrene	16.63	276	45337	2.011	ng	96
88) Benzo(b)fluoranthene	14.87	252	95364m	3.996	ng	
90) Benzo(a)pyrene	15.22	252	52536	2.548	ng	# 93
92) Benzo(g,h,i)perylene	17.04	276	45448	2.514	ng	97

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

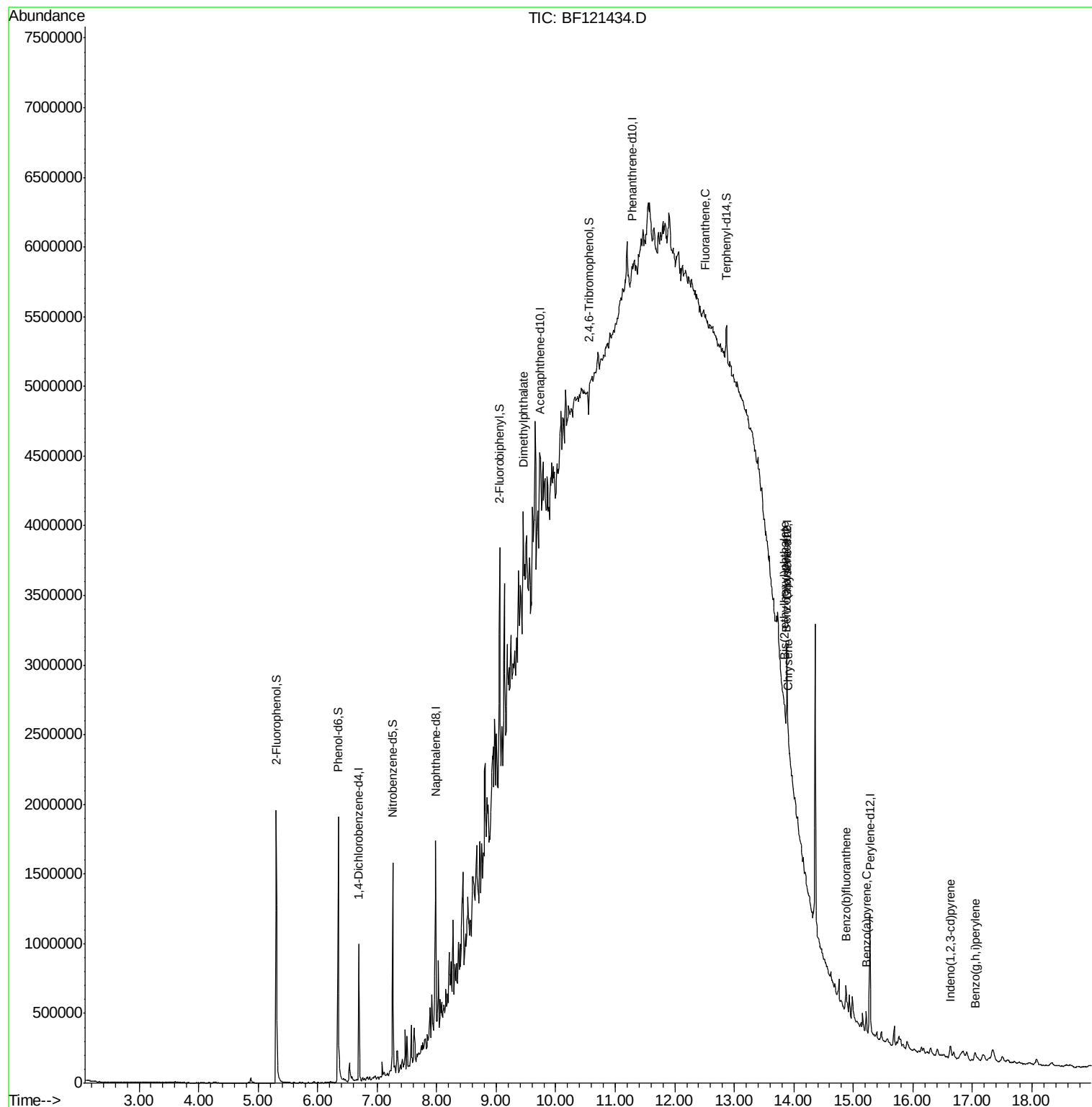
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121434.D
Acq On : 25 Aug 2020 18:39
Operator : JU/CG
Sample : L3786-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

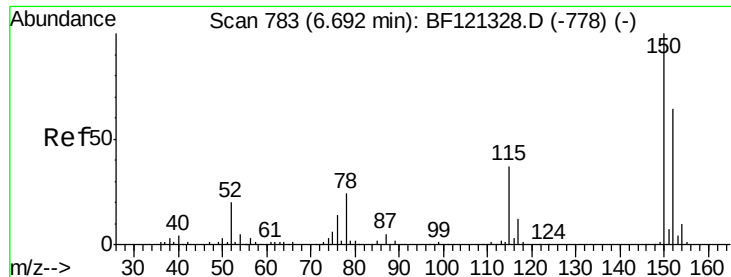
Instrument :
BNA_F
ClientSampleId :
688-157

Quant Time: Aug 26 06:32:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
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QLast Update : Thu Aug 20 04:56:10 2020
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#1

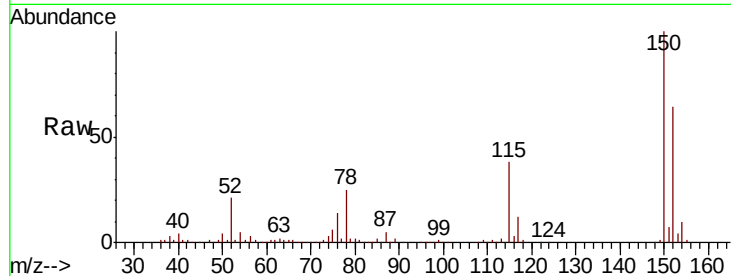
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121434.D
Acq: 25 Aug 2020 18:39

Instrument :
BNA_F
ClientSampleId :
688-157

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.8	187.2
115	59.6	46.1	69.1

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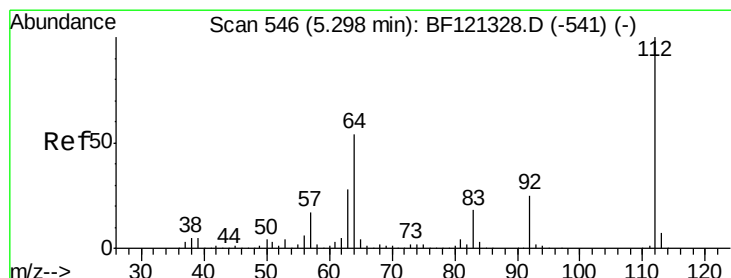
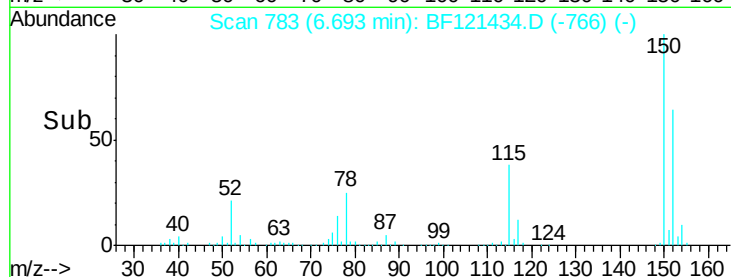
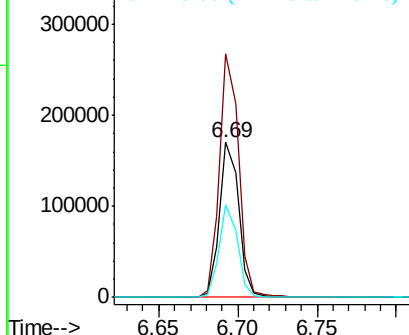


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

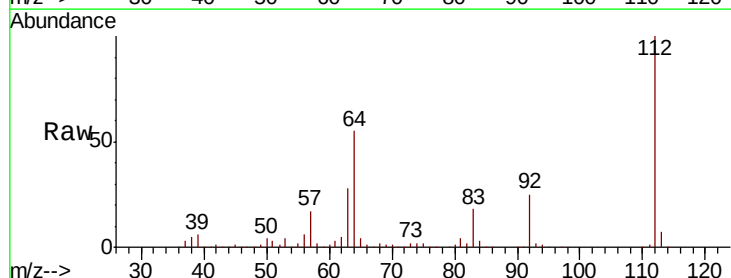
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 72.504 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF121434.D
Acq: 25 Aug 2020 18:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	43.5	65.3
63	28.0	22.0	33.0

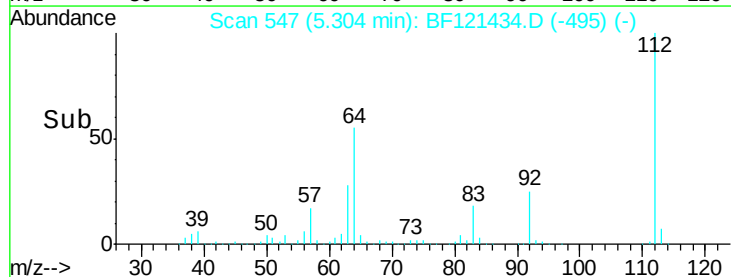
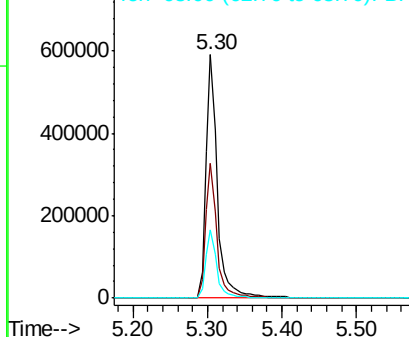


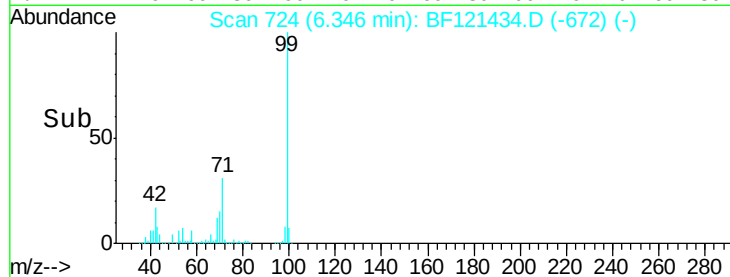
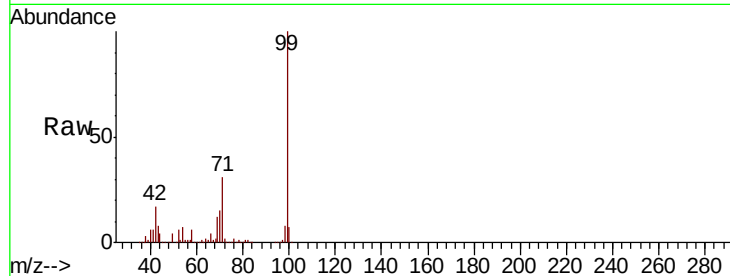
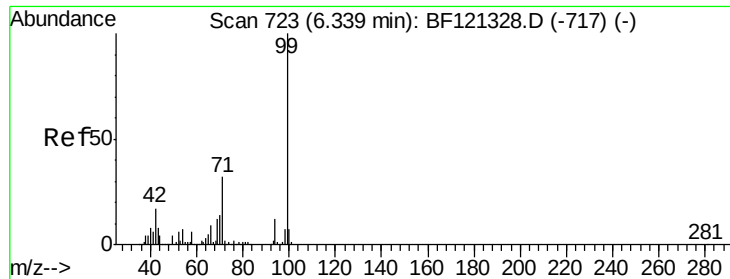
Abundance

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: 69.933 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121434.D

Acq: 25 Aug 2020 18:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		781829		
42	16.9	13.5	20.3		
71	31.2	25.2	37.8		

Instrument :

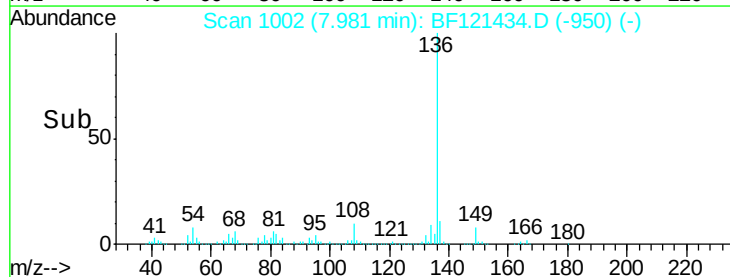
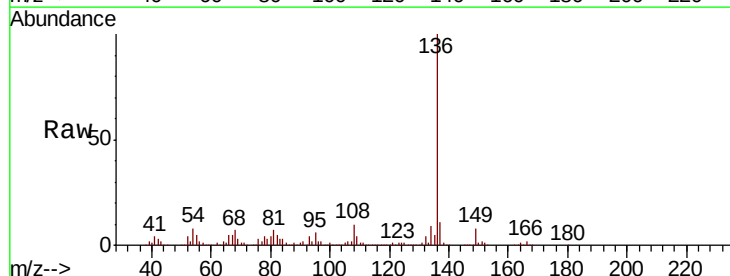
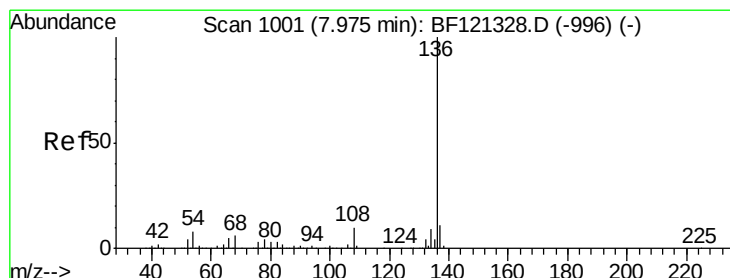
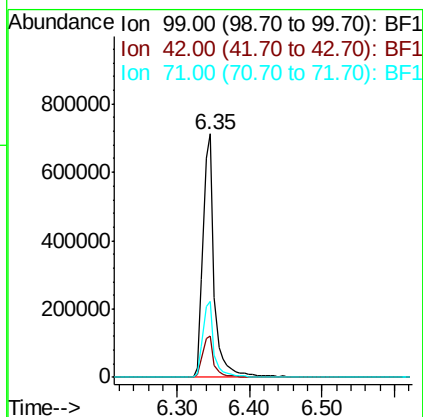
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

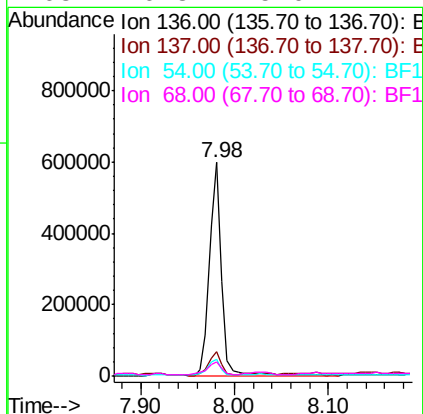
RT: 7.98 min Scan# 1002

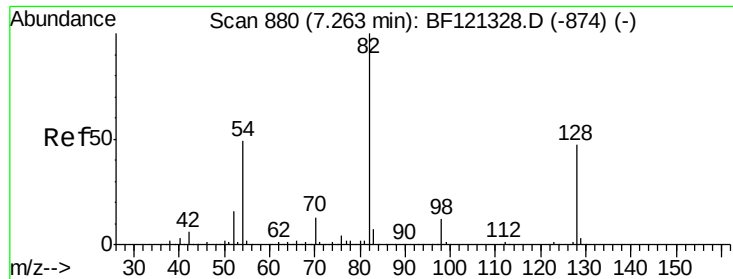
Delta R.T. 0.01 min

Lab File: BF121434.D

Acq: 25 Aug 2020 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		544134		
137	11.5	8.9	13.3		
54	7.9	6.1	9.1		
68	6.8	5.0	7.4		





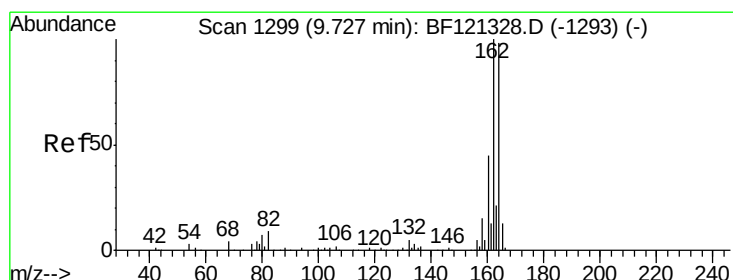
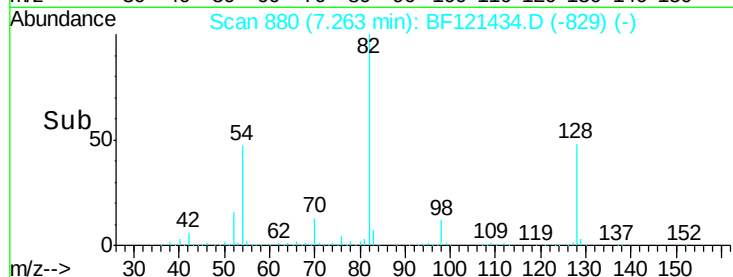
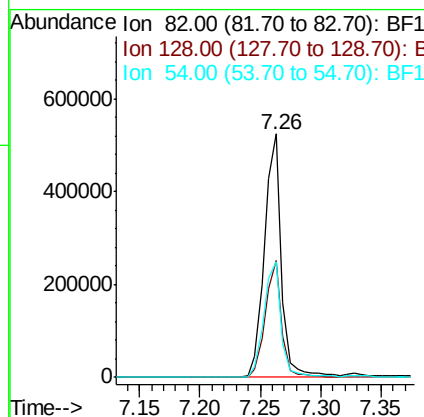
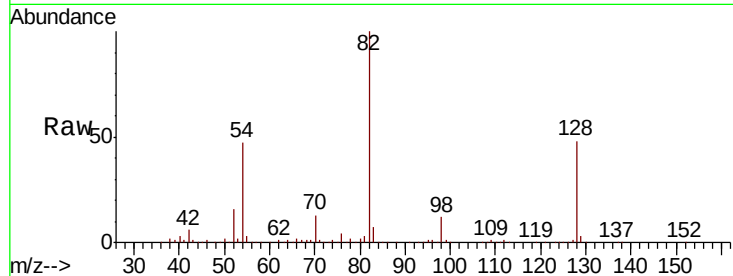
#23
 Nitrobenzene-d5
 Concen: 53.053 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF121434.D
 Acq: 25 Aug 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :
 688-157

Tot Ion	82	Resp	510428
Ion Ratio	Lower	Upper	
82	100		
128	48.0	37.9	56.9
54	47.4	39.0	58.4

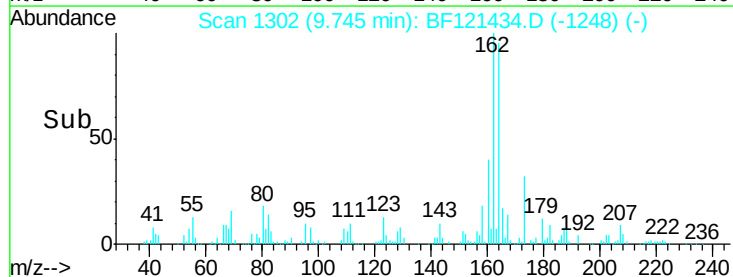
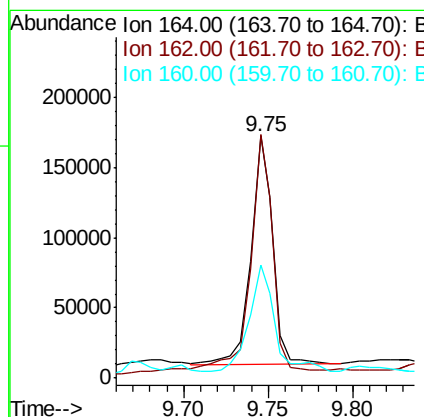
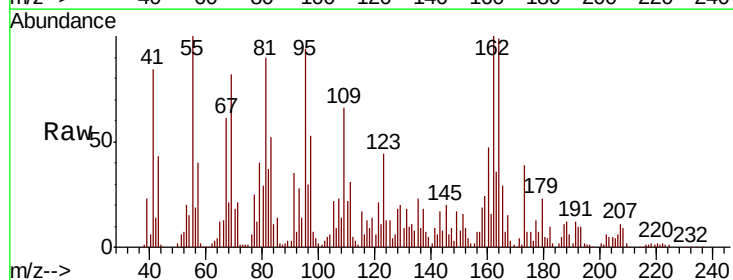
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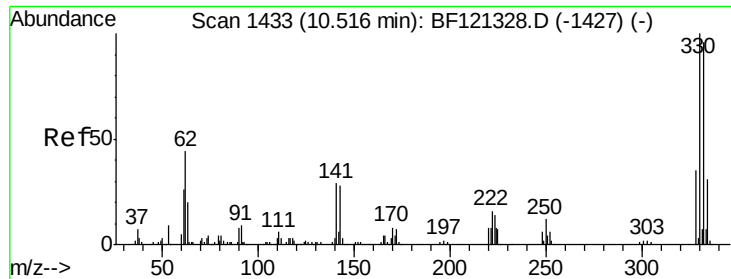
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.02 min
 Lab File: BF121434.D
 Acq: 25 Aug 2020 18:39

Tgt Ion	164	Resp	149073
Ion Ratio	Lower	Upper	
164	100		
162	100.6	81.7	122.5
160	46.8	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 70.337 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.04 min

Lab File: BF121434.D

Acq: 25 Aug 2020 18:39

Instrument :

BNA_F

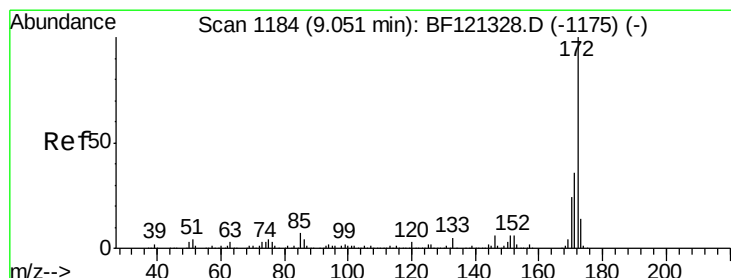
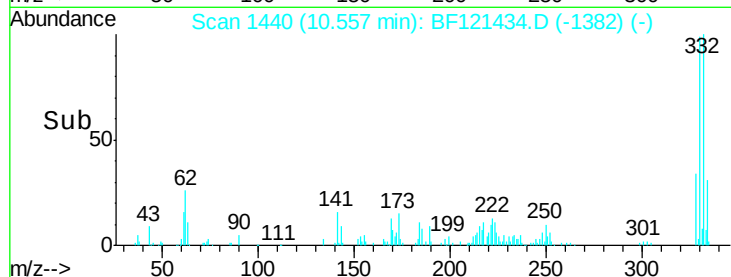
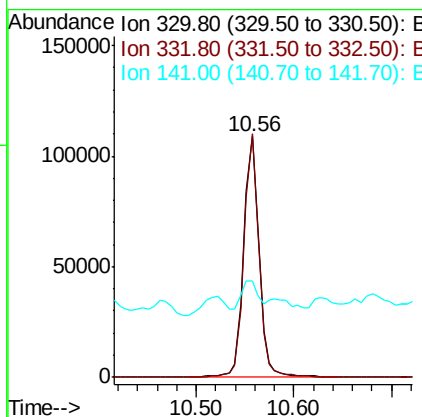
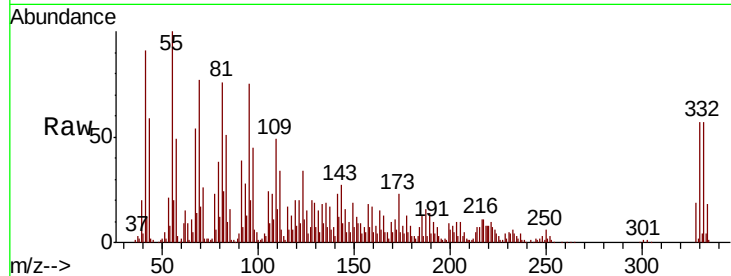
ClientSampled :

688-157

Tot Ion	Ratio	Resp	Lower	Upper
330	100	122187		
332	97.9	76.9	115.3	
141	12.0	22.8	34.2	

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#45

2-Fluorobiphenyl

Concen: 98.263 ng

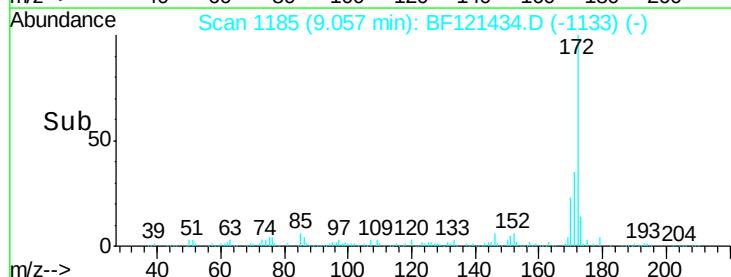
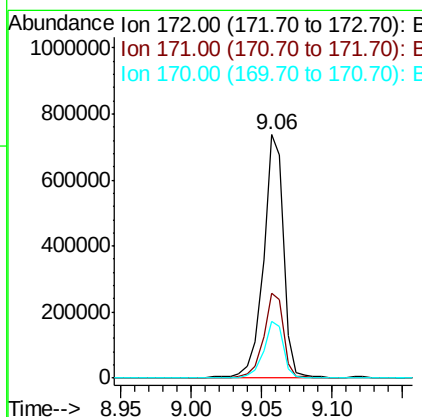
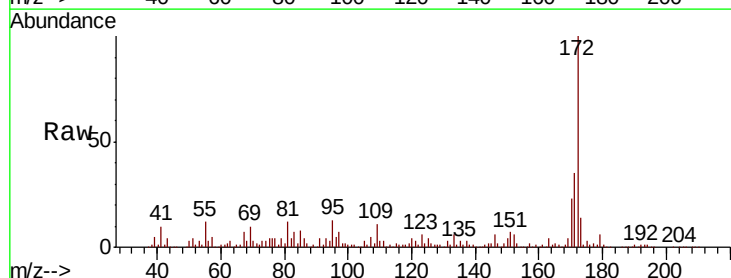
RT: 9.06 min Scan# 1185

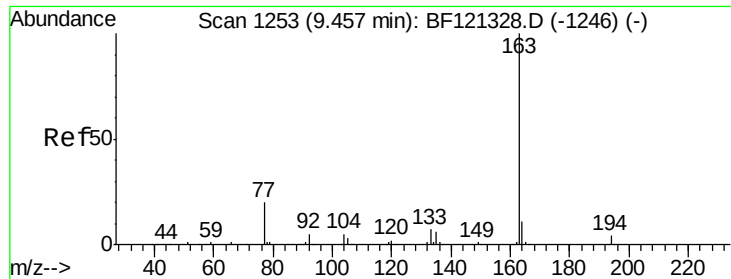
Delta R.T. 0.01 min

Lab File: BF121434.D

Acq: 25 Aug 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	747394		
171	35.0	29.0	43.6	
170	23.4	19.4	29.2	





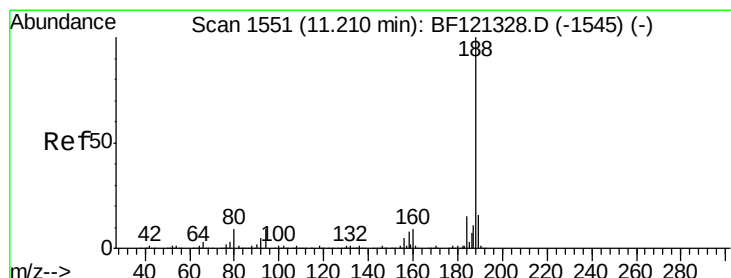
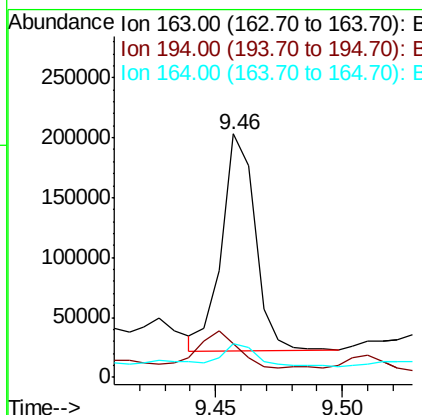
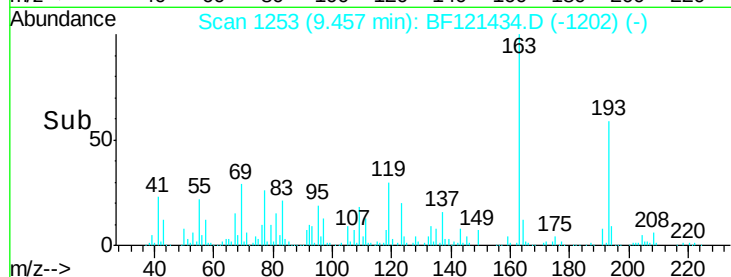
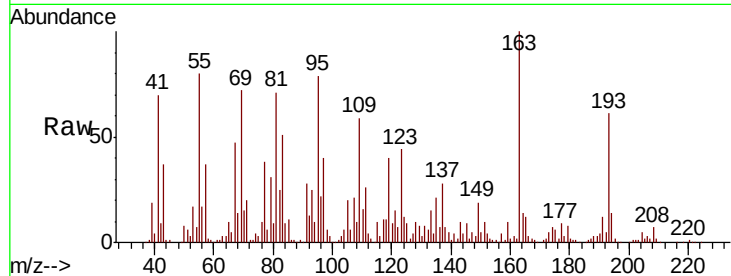
#50
Dimethylphthalate
Concen: 15.250 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF121434.D
Acq: 25 Aug 2020 18:39

Instrument :
BNA_F
ClientSampled :
688-157

Tot Ion	Ratio	Resp	Lower	Upper
163	100	165390		
194	14.0	3.0	4.6#	
164	14.0	8.4	12.6#	

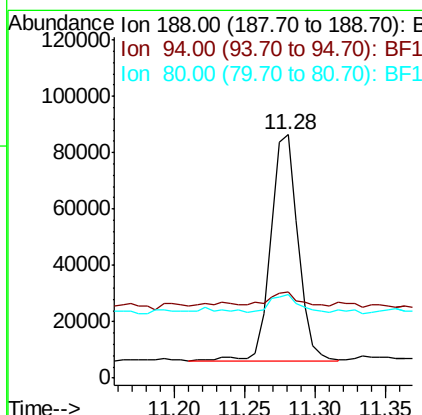
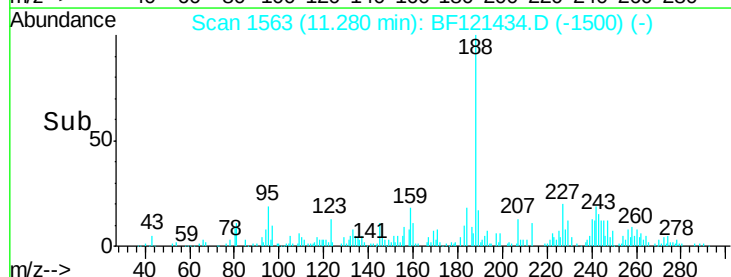
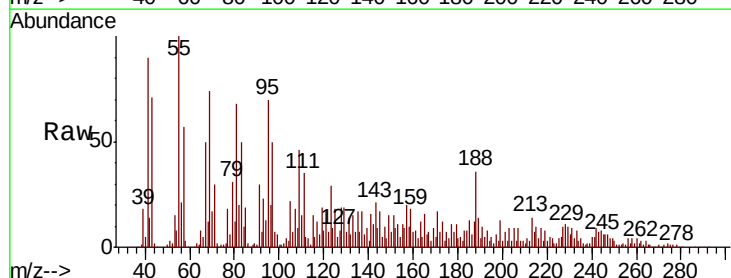
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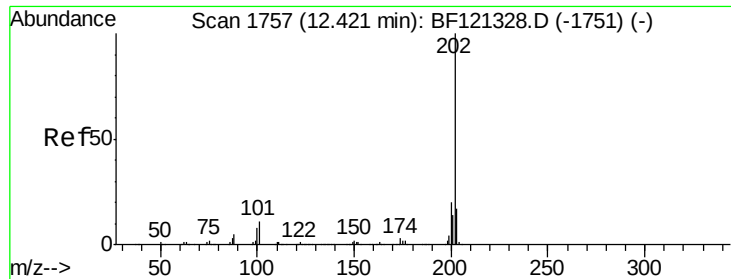
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.07 min
Lab File: BF121434.D
Acq: 25 Aug 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	108042		
94	35.4	7.2	10.8#	
80	34.5	7.4	11.0#	





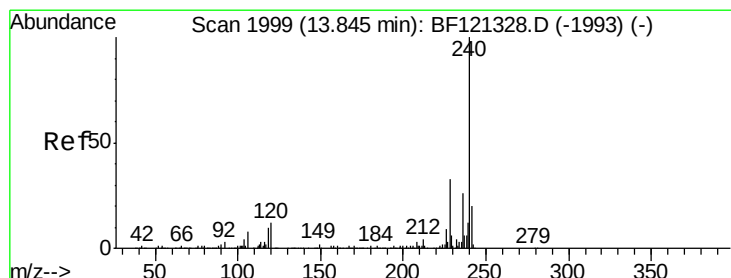
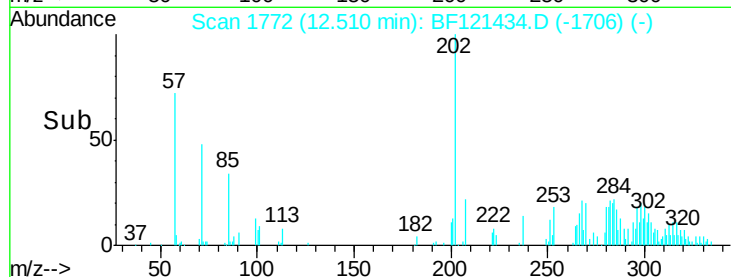
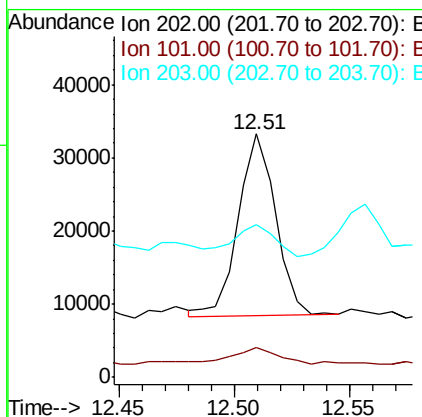
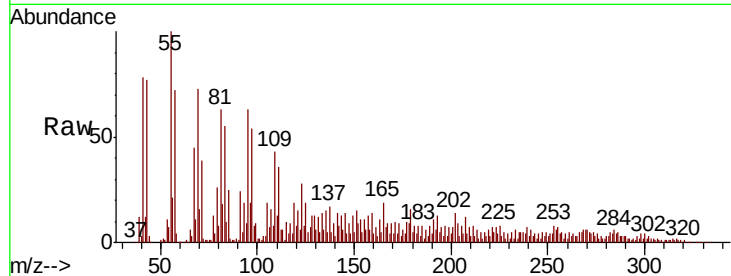
#75
Fluoranthene
Concen: 4.598 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.09 min
Lab File: BF121434.D
Acq: 25 Aug 2020 18:39

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	0.0	30.6
203	62.7	0.0	37.5

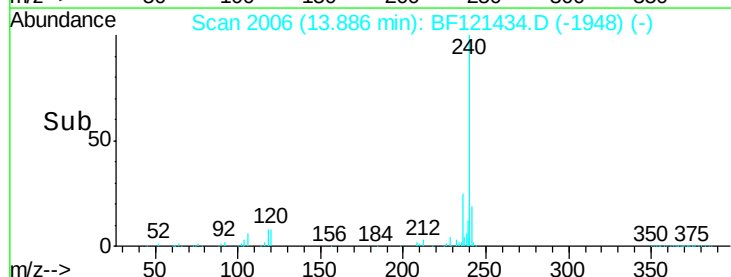
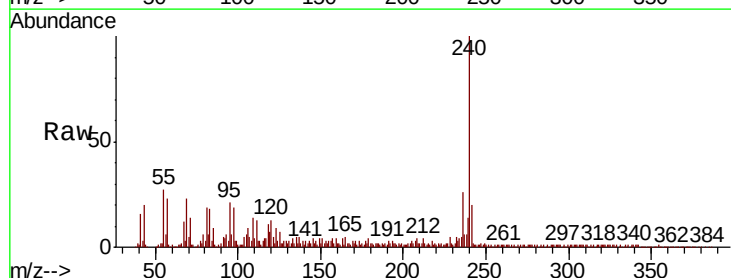
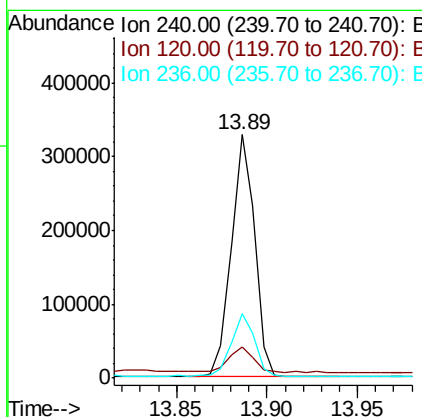
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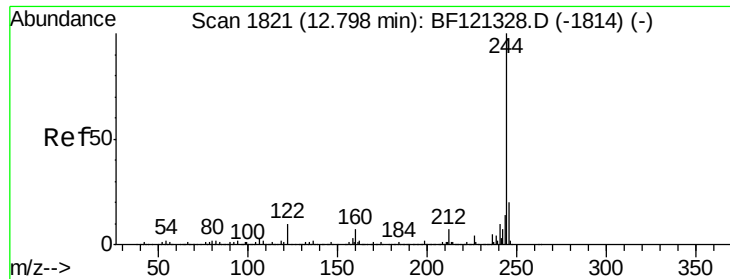
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.04 min
Lab File: BF121434.D
Acq: 25 Aug 2020 18:39

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.6	9.6	14.4
236	26.4	20.6	31.0





#79

Terphenyl-d14

Concen: 20.883 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.07 min

Lab File: BF121434.D

Acq: 25 Aug 2020 18:39

Instrument :

BNA_F

ClientSampleId :

688-157

Tot Ion:244 Resp: 315780

Ion Ratio Lower Upper

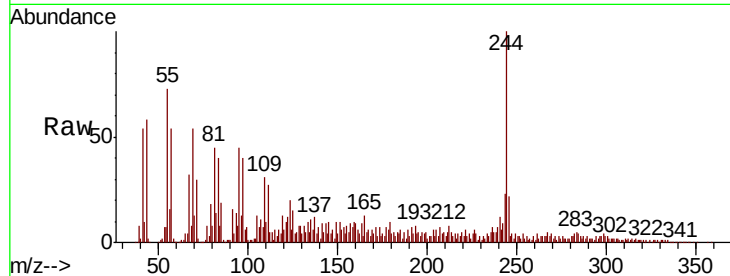
244 100

212 8.1 5.4 8.0#

122 11.7 7.8 11.8

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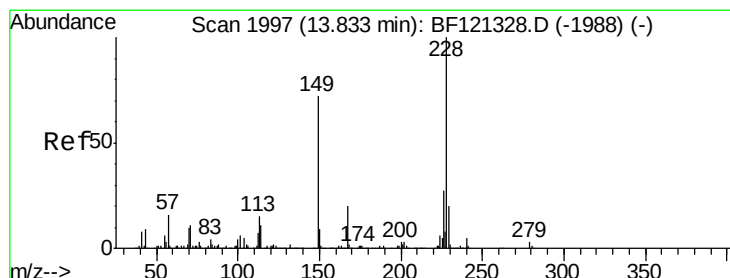
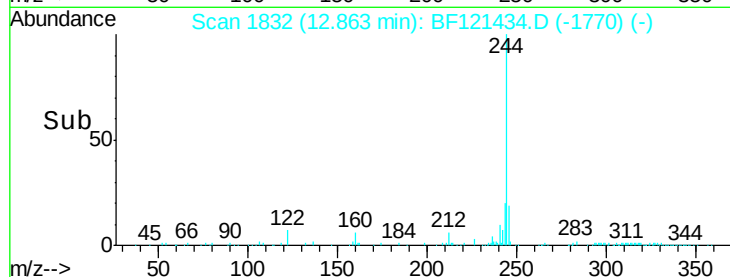
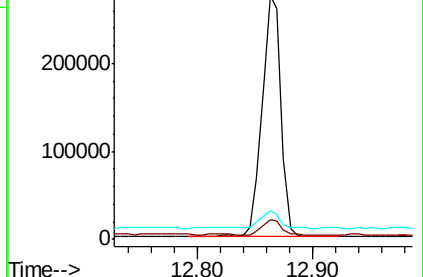
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 2.532 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.04 min

Lab File: BF121434.D

Acq: 25 Aug 2020 18:39

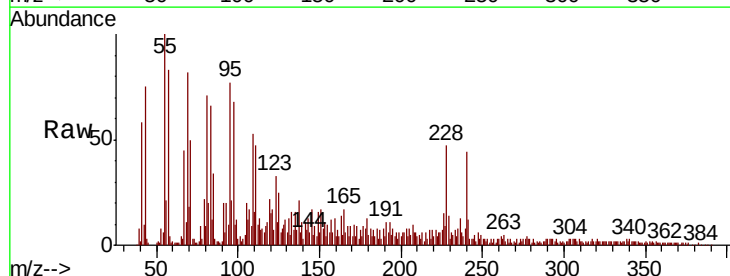
Tgt Ion:228 Resp: 46467

Ion Ratio Lower Upper

228 100

226 32.2 21.8 32.6

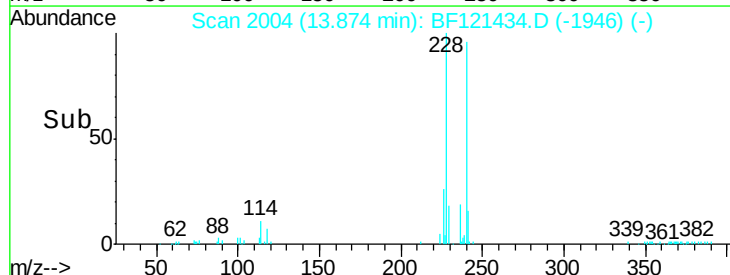
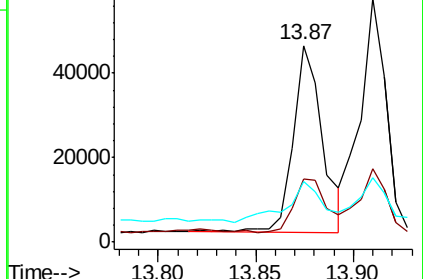
229 30.6 15.8 23.8#

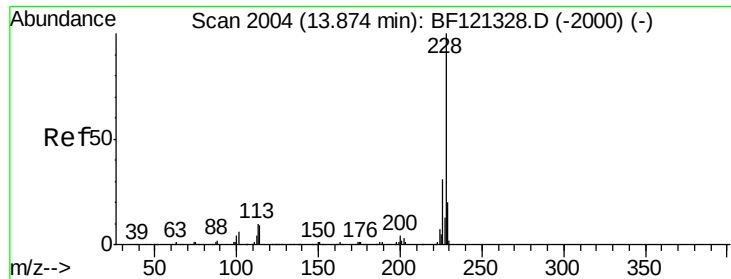


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 2.773 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.04 min

Lab File: BF121434.D

Acq: 25 Aug 2020 18:39

Instrument :

BNA_F

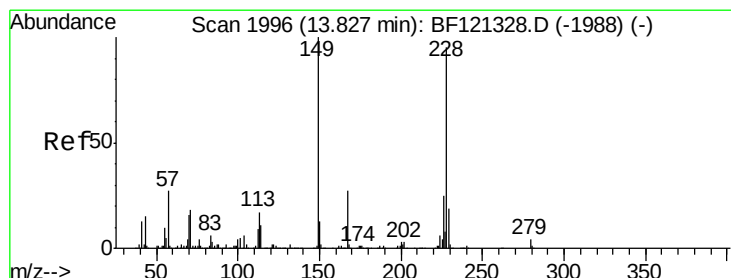
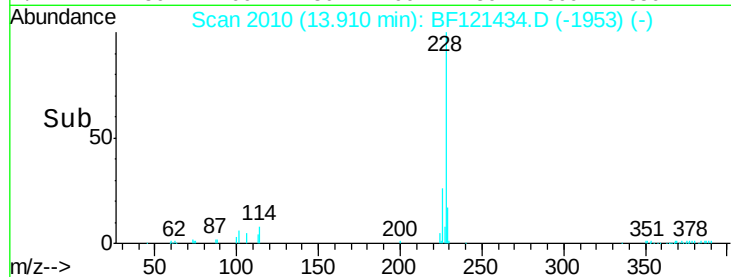
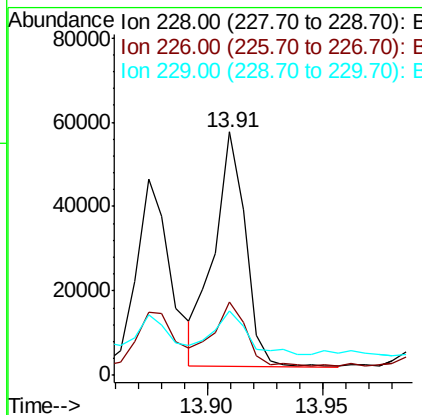
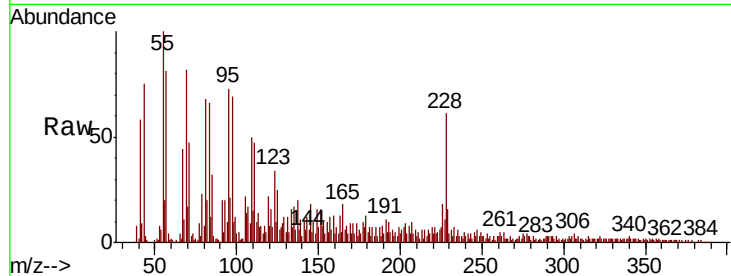
ClientSampleId :

688-157

Tot Ion:	228	Resp:	52046
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.6	36.8
229	26.6	15.9	23.9#

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#84

Bis(2-ethylhexyl)phthalate

Concen: 2.559 ng

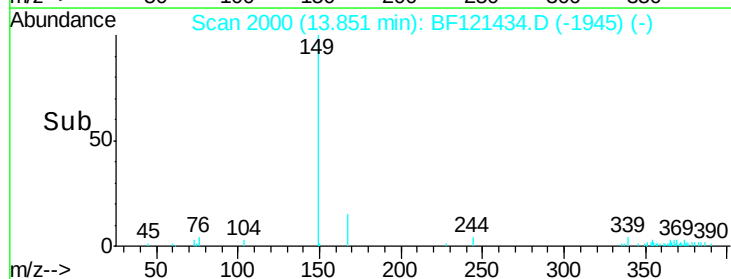
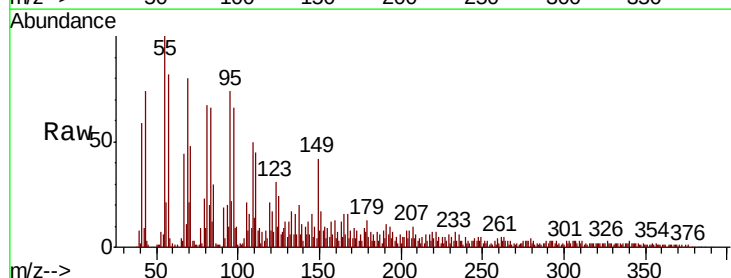
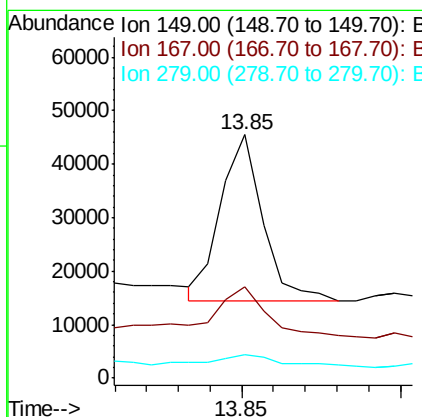
RT: 13.85 min Scan# 2000

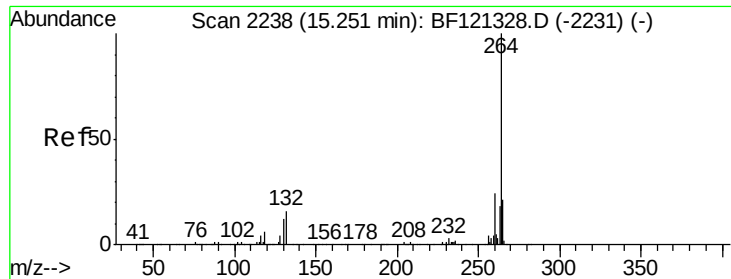
Delta R.T. 0.02 min

Lab File: BF121434.D

Acq: 25 Aug 2020 18:39

Tgt Ion:	149	Resp:	28705
Ion Ratio	Lower	Upper	
149	100		
167	37.4	21.5	32.3#
279	9.9	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: BF121434.D

Acq: 25 Aug 2020 18:39

Instrument :

BNA_F

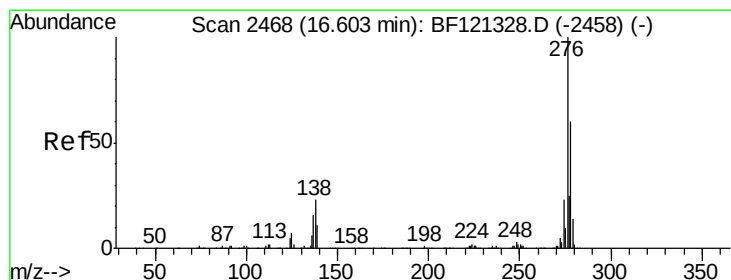
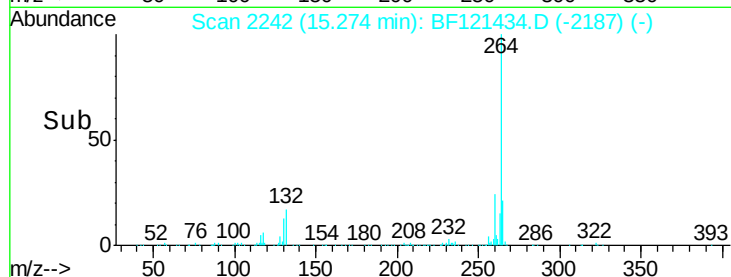
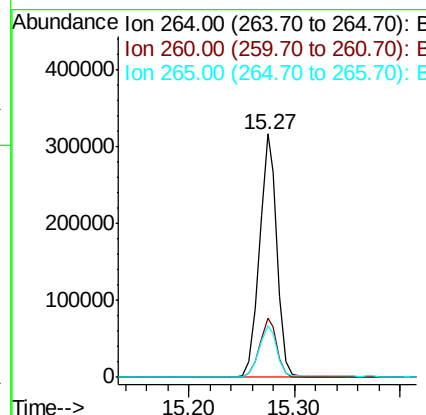
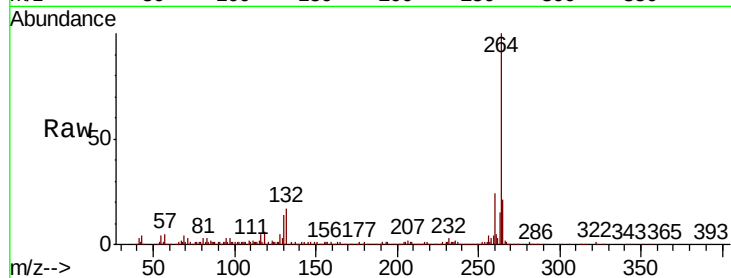
ClientSampleId :

688-157

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.3	17.1	25.7

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#87

Indeno(1,2,3-cd)pyrene

Concen: 2.011 ng

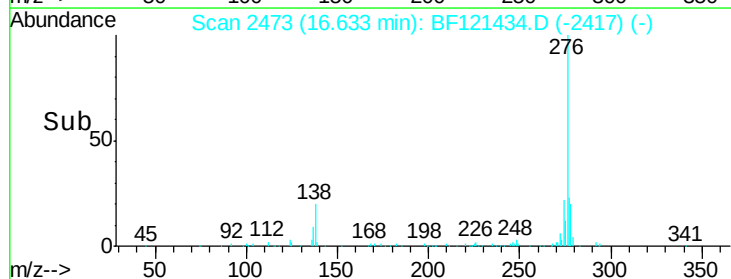
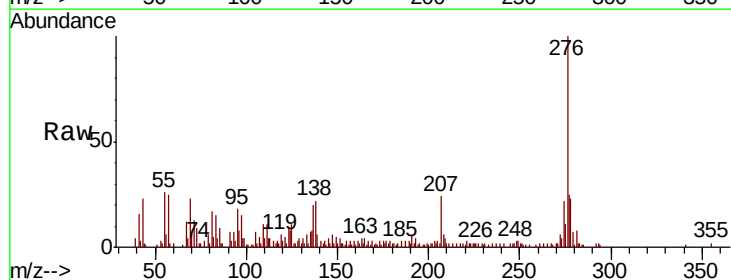
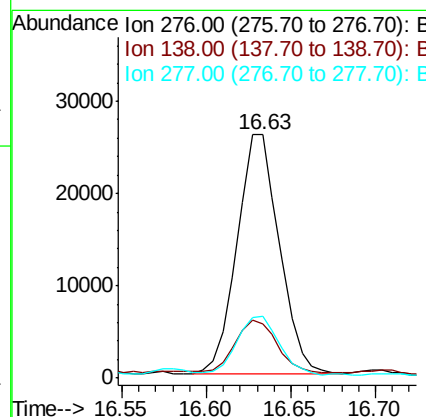
RT: 16.63 min Scan# 2473

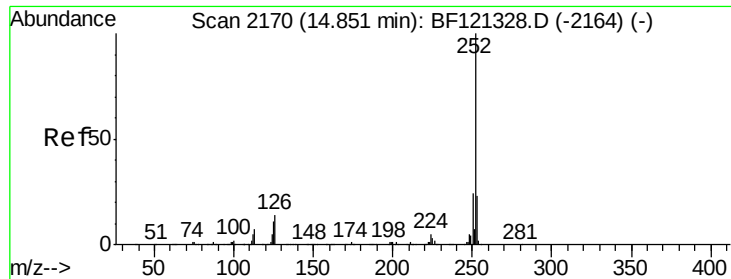
Delta R.T. 0.03 min

Lab File: BF121434.D

Acq: 25 Aug 2020 18:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.4	29.0
277	23.6	19.9	29.9





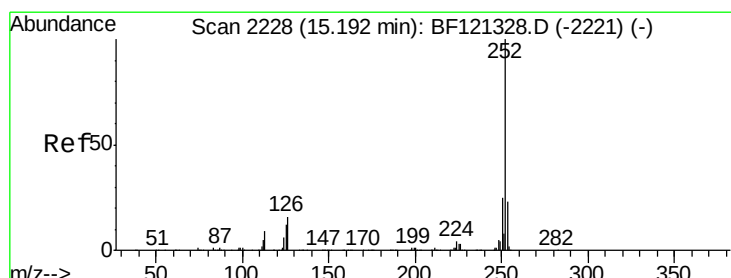
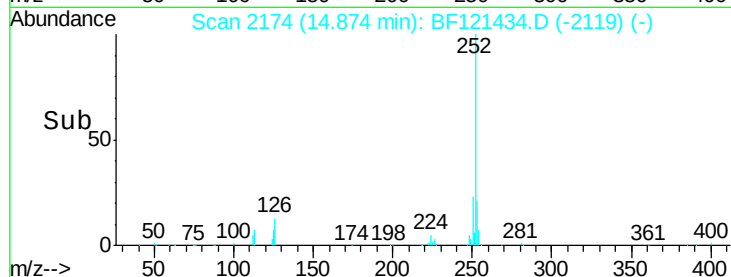
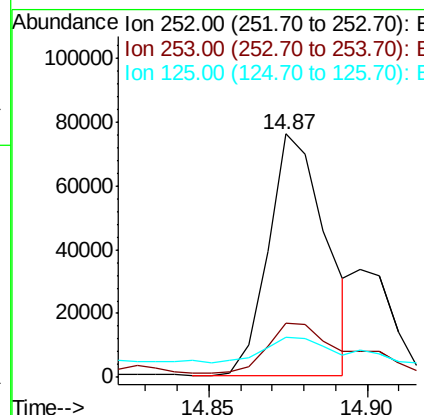
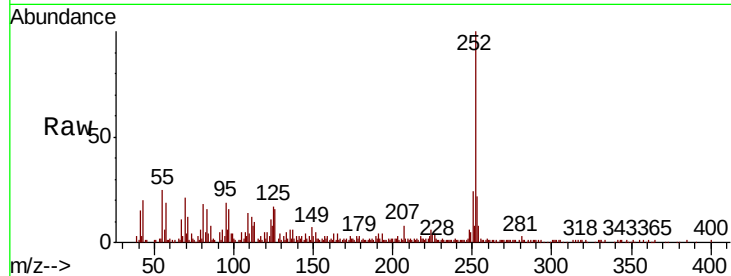
#88
Benzo(b)fluoranthene
Concen: 3.996 ng/mL
RT: 14.87 min Scan# 2174
Delta R.T. 0.02 min
Lab File: BF121434.D
Acq: 25 Aug 2020 18:39

Instrument :
BNA_F
ClientSampled :
688-157

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	16.6	8.6	12.8

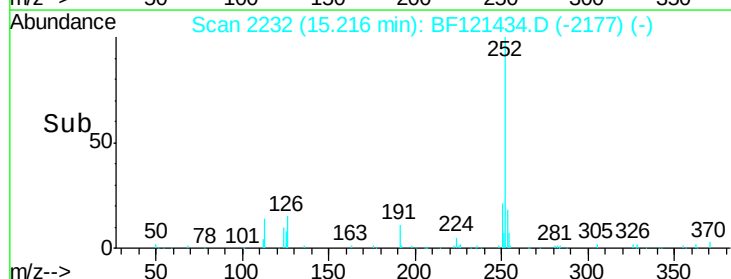
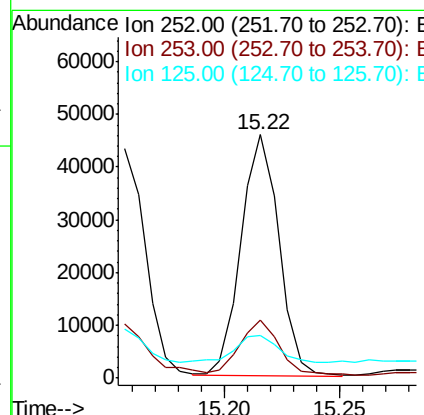
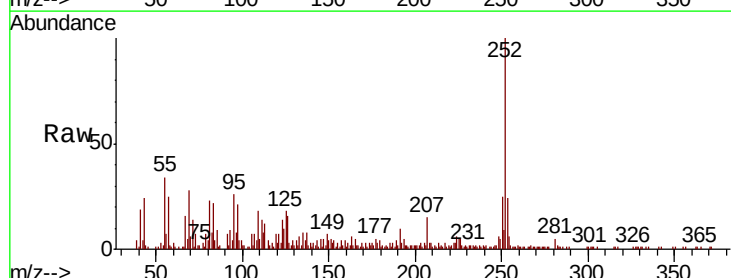
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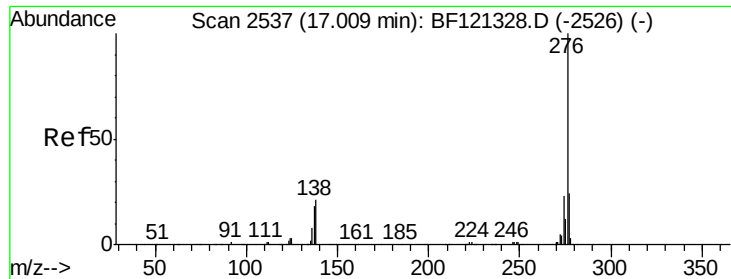
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#90
Benzo(a)pyrene
Concen: 2.548 ng/mL
RT: 15.22 min Scan# 2232
Delta R.T. 0.02 min
Lab File: BF121434.D
Acq: 25 Aug 2020 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	17.6	9.4	14.0





#92
 Benzo(a,h,i)perylene
 Concen: 2.514 ng
 RT: 17.04 min Scan# 2542
 Delta R.T. 0.03 min
 Lab File: BF121434.D
 Acq: 25 Aug 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :
 688-157

Tot Ion:	276	Resp:	45448
Ion Ratio	Lower	Upper	
276	100		
277	24.7	19.3	28.9
138	23.3	16.8	25.2

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