

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121415.D
 Acq On : 24 Aug 2020 23:34
 Operator : JU/CG
 Sample : L3780-09 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-082120-B

Manual Integrations
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 8/25/2020 4:19:19 PM

Quant Time: Aug 25 09:55:22 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	166492	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	632972	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	311250	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	558889	20.00	ng	0.00
76) Chrysene-d12	13.85	240	390832	20.00	ng	0.00
86) Perylene-d12	15.26	264	415272	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	330415	32.54	ng	0.00
7) Phenol-d6	6.34	99	423865	32.70	ng	0.00
23) Nitrobenzene-d5	7.26	82	267425	23.89	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	76731	21.16	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	543264	24.27	ng	0.00
79) Terphenyl-d14	12.80	244	476207	23.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	51289	2.265	ng	99
71) Phenanthrene	11.23	178	66059	2.284	ng	98
75) Fluoranthene	12.42	202	109188	3.478	ng	99
78) Pyrene	12.65	202	101108	3.444	ng	99
81) Benzo(a)anthracene	13.84	228	49989	2.059	ng	93
83) Chrysene	13.87	228	50203m	2.022	ng	
88) Benzo(b)fluoranthene	14.86	252	59698m	2.225	ng	

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

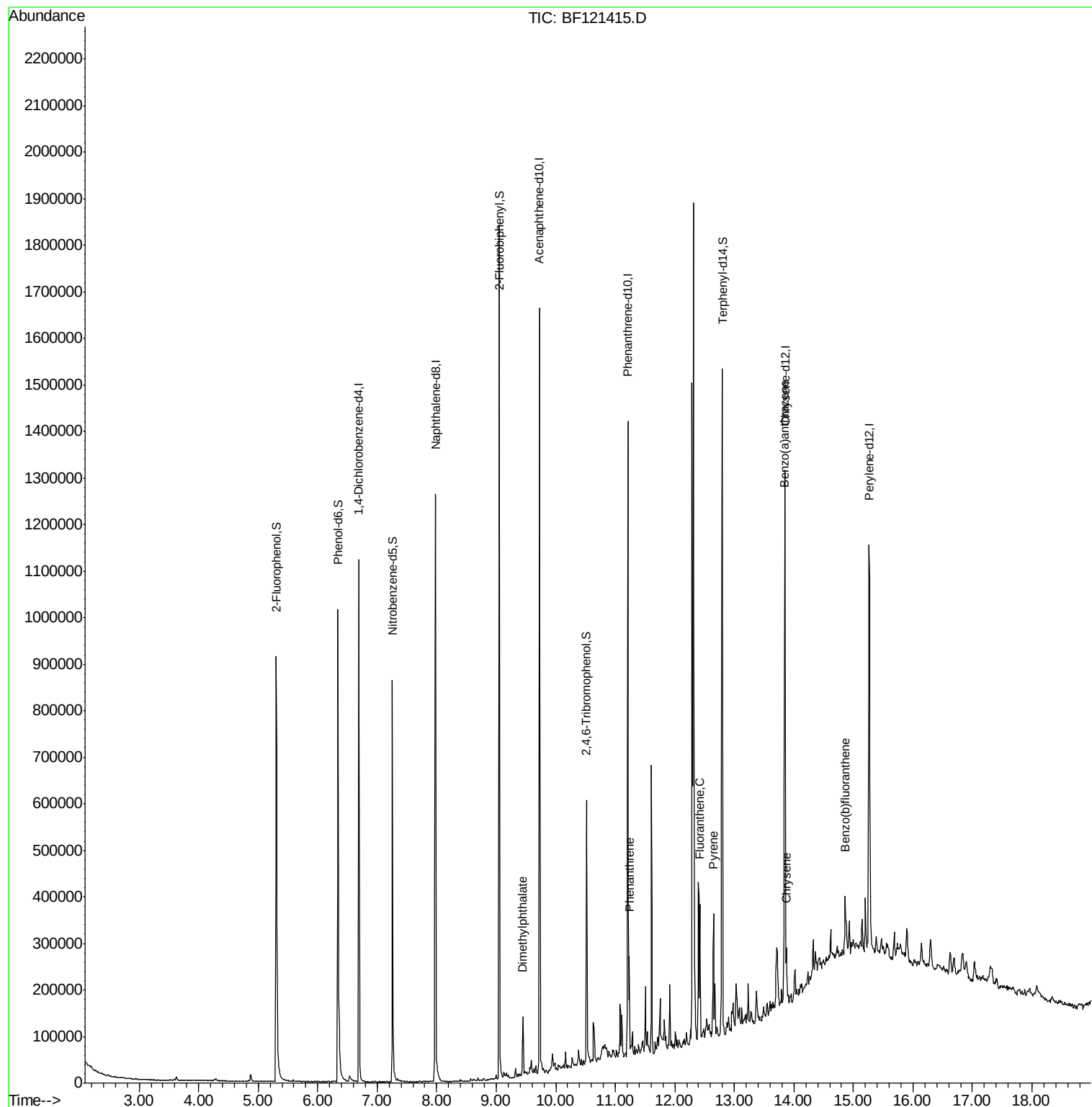
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121415.D
Acq On : 24 Aug 2020 23:34
Operator : JU/CG
Sample : L3780-09 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

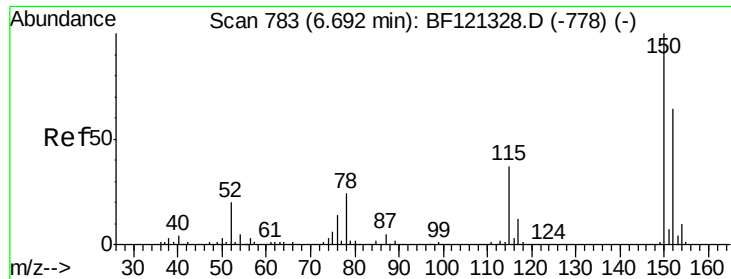
Instrument :
BNA_F
ClientSampleId :
JC-03-082120-B

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Quant Time: Aug 25 09:55:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
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#1

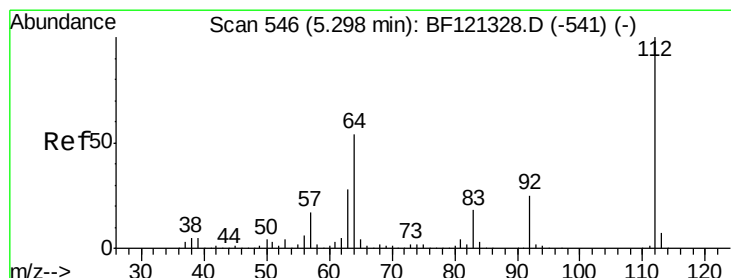
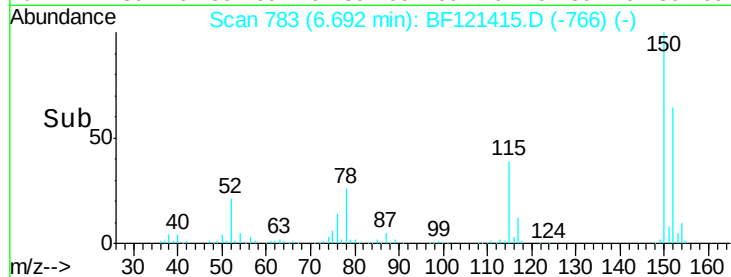
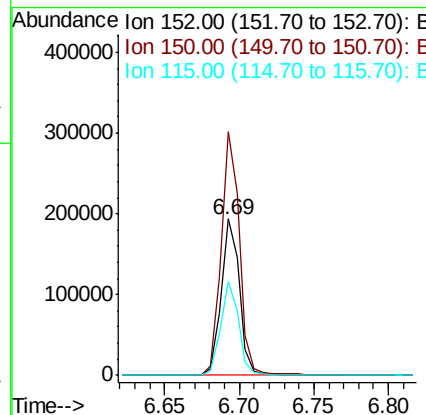
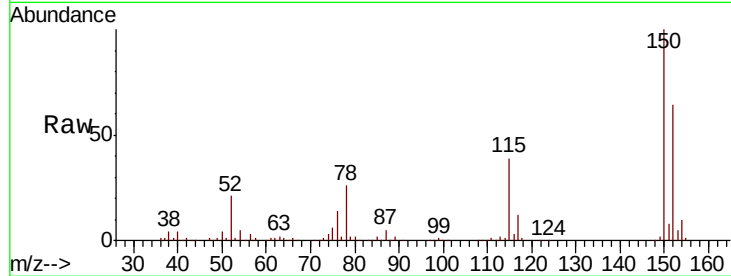
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121415.D
Acq: 24 Aug 2020 23:34

Instrument :
BNA_F
ClientSampleId :
JC-03-082120-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.8	187.2
115	60.3	46.1	69.1

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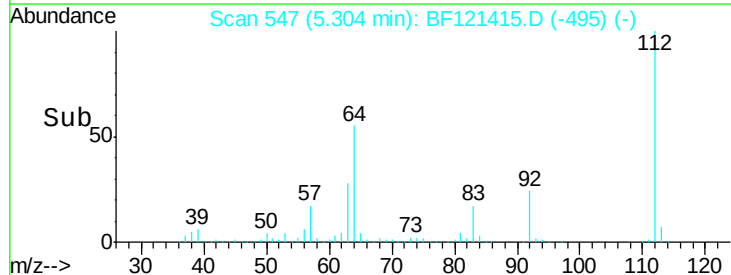
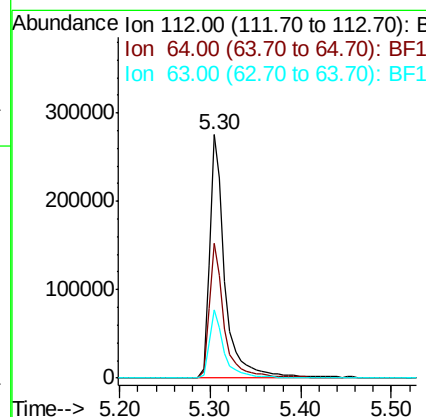
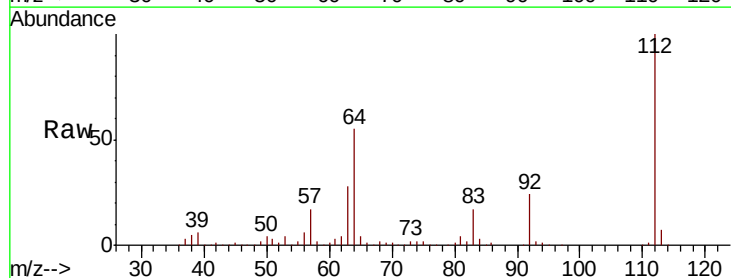
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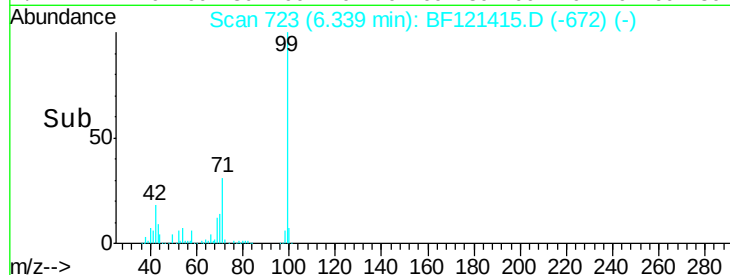
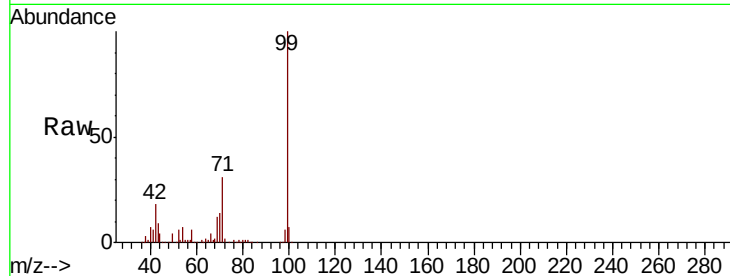
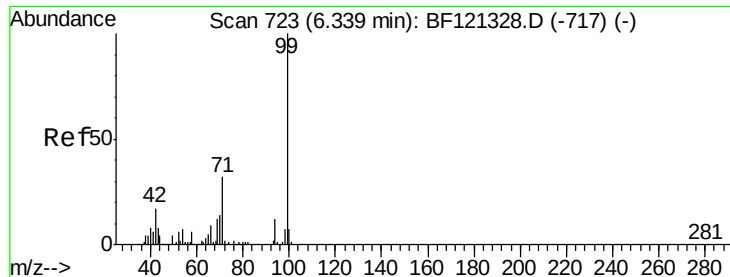


#5

2-Fluorophenol
Concen: 32.542 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF121415.D
Acq: 24 Aug 2020 23:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	43.5	65.3
63	28.0	22.0	33.0





#7

Phenol-d6

Concen: 32.701 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF121415.D

Acq: 24 Aug 2020 23:34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		423865		
42	17.6	13.5	20.3		
71	30.5	25.2	37.8		

Instrument :

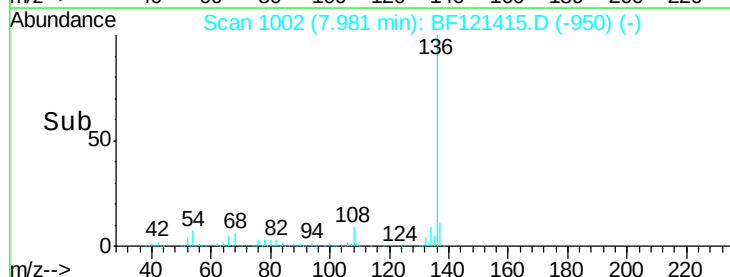
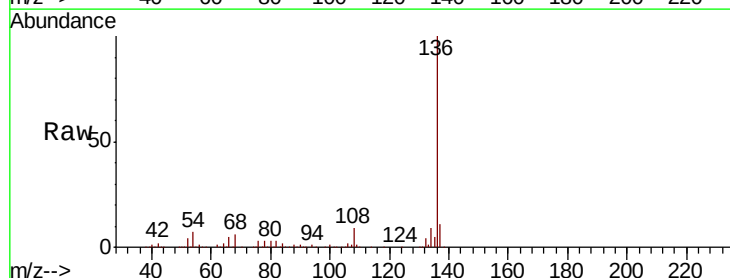
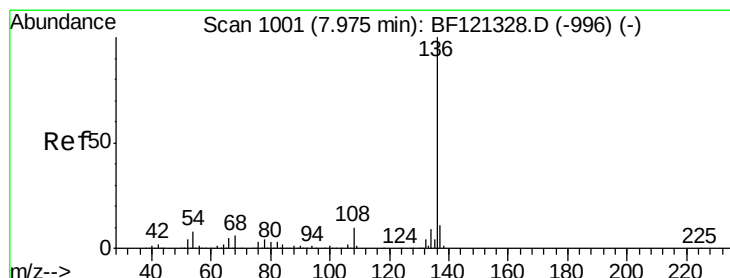
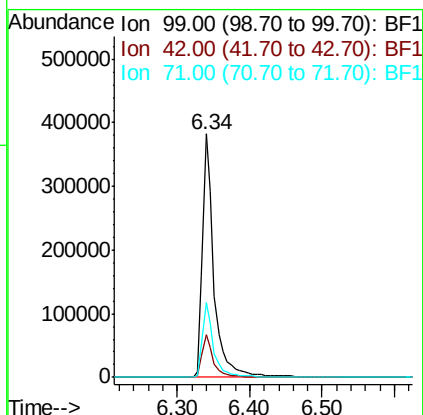
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

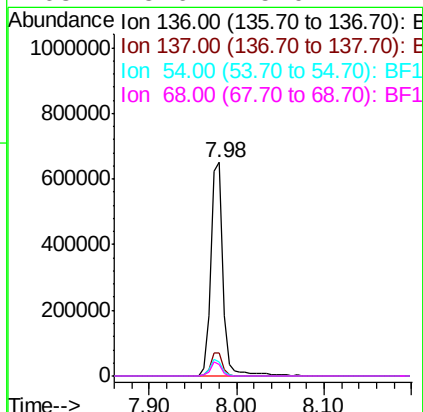
RT: 7.98 min Scan# 1002

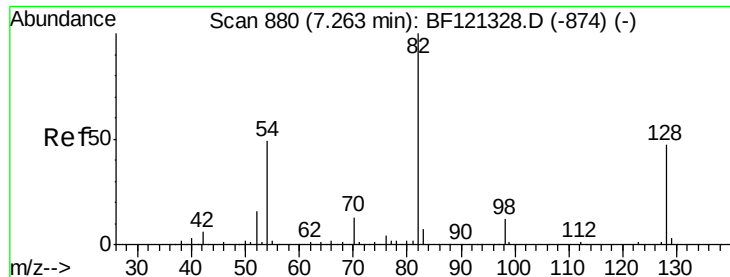
Delta R.T. 0.01 min

Lab File: BF121415.D

Acq: 24 Aug 2020 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		632972		
137	10.8	8.9	13.3		
54	6.9	6.1	9.1		
68	5.6	5.0	7.4		





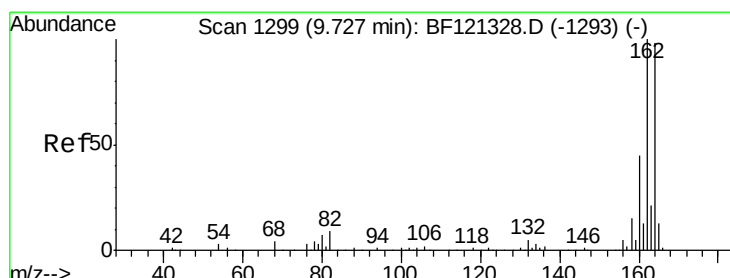
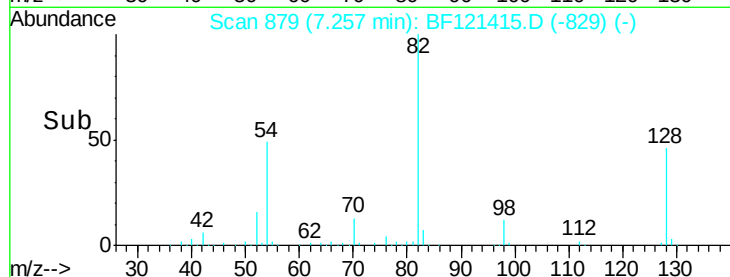
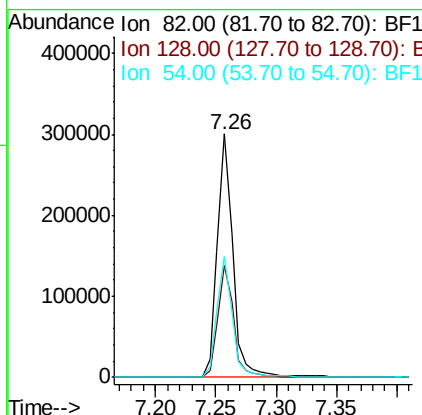
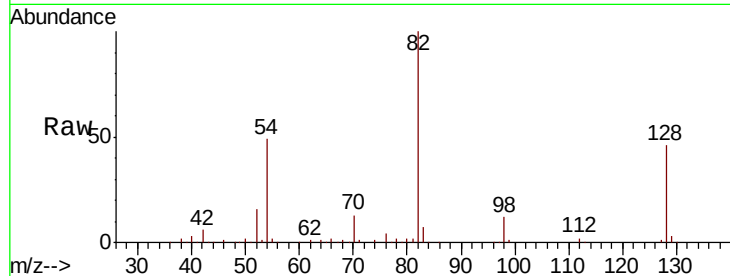
#23
 Nitrobenzene-d5
 Concen: 23.894 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121415.D
 Acq: 24 Aug 2020 23:34

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-082120-B

Tot Ion	82	Resp	267425
Ion Ratio	Lower	Upper	
82	100		
128	45.8	37.9	56.9
54	49.4	39.0	58.4

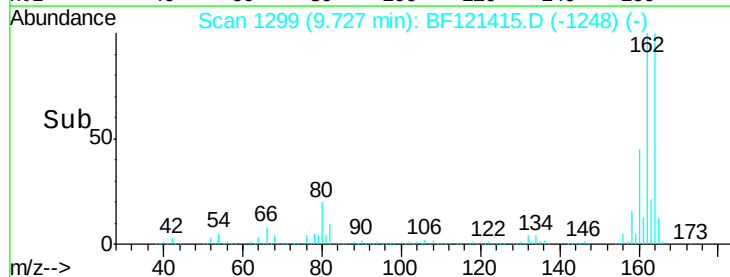
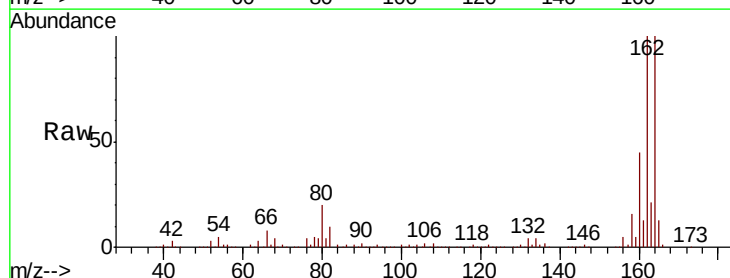
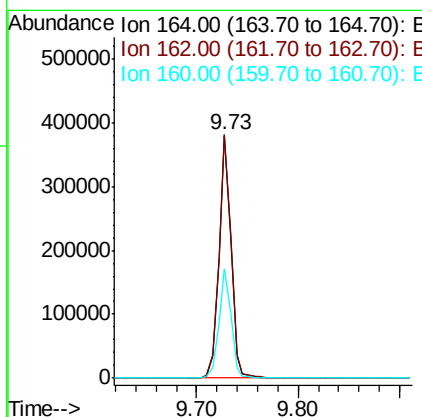
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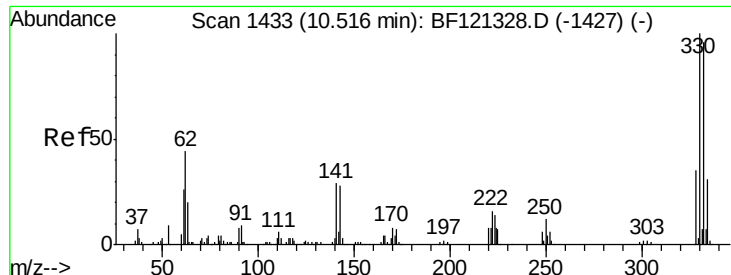
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF121415.D
 Acq: 24 Aug 2020 23:34

Tgt Ion	164	Resp	311250
Ion Ratio	Lower	Upper	
164	100		
162	100.3	81.7	122.5
160	44.9	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 21.155 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF121415.D

Acq: 24 Aug 2020 23:34

Instrument :

BNA_F

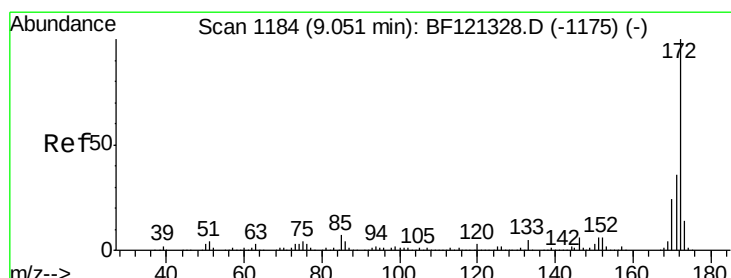
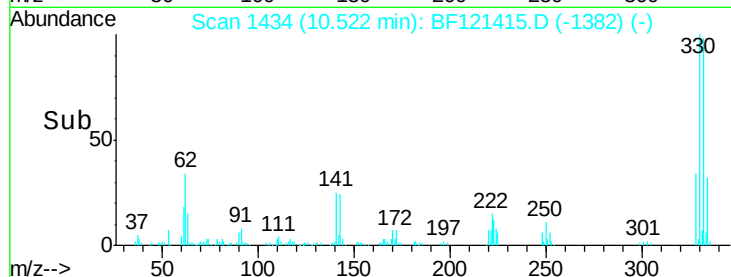
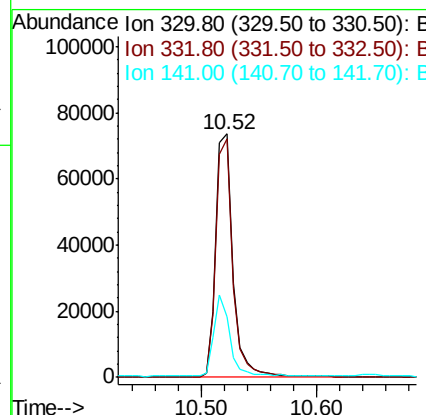
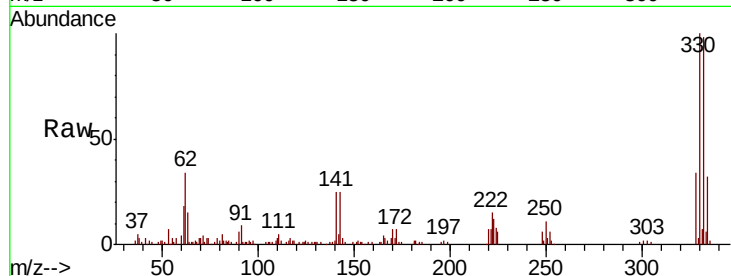
ClientSampleId :

JC-03-082120-B

Tot Ion:	330	Resp:	76731
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.9	115.3
141	32.9	22.8	34.2

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#45

2-Fluorobiphenyl

Concen: 24.271 ng

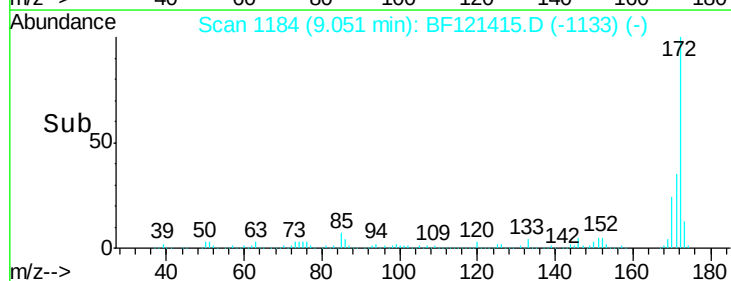
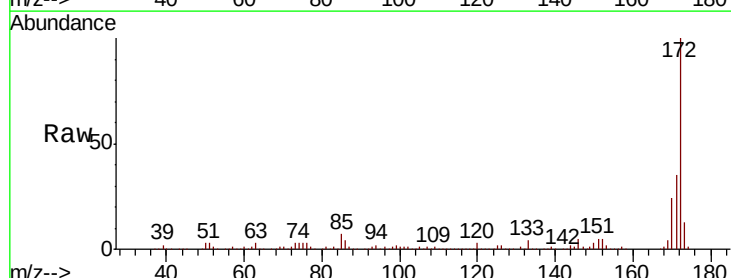
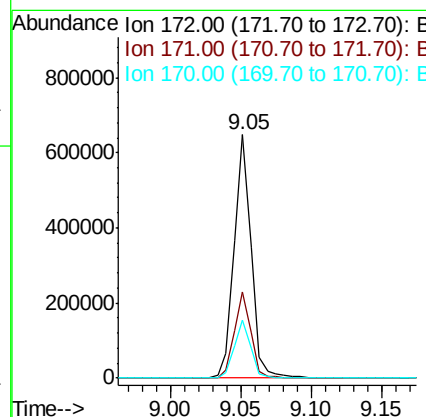
RT: 9.05 min Scan# 1184

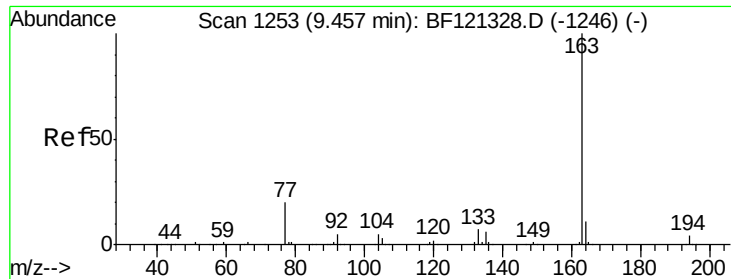
Delta R.T. 0.00 min

Lab File: BF121415.D

Acq: 24 Aug 2020 23:34

Tgt Ion:	172	Resp:	543264
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.0	43.6
170	23.9	19.4	29.2





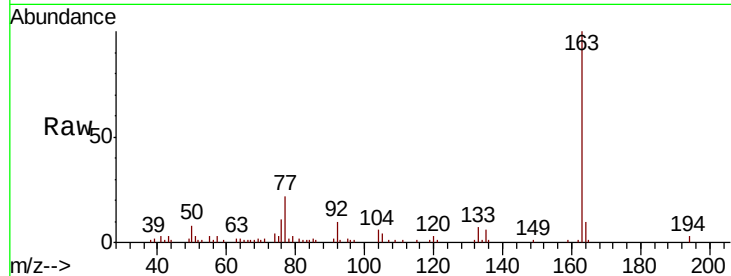
#50
Dimethylphthalate
Concen: 2.265 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF121415.D
Acq: 24 Aug 2020 23:34

Instrument :
BNA_F
ClientSampleId :
JC-03-082120-B

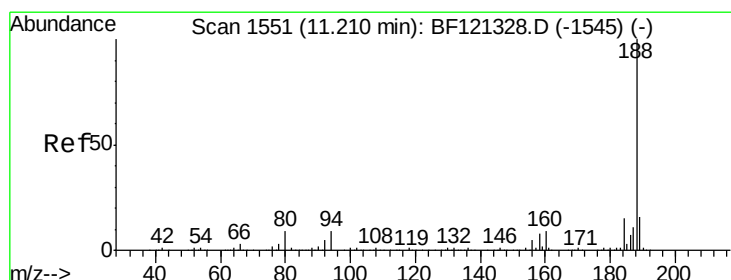
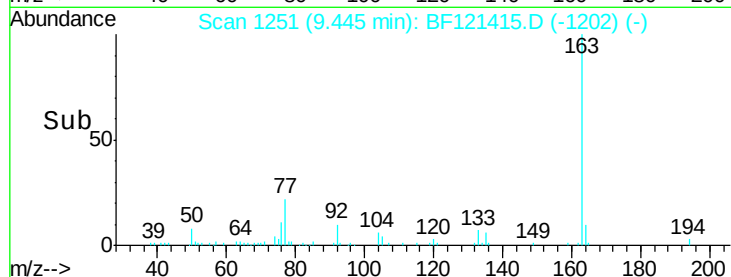
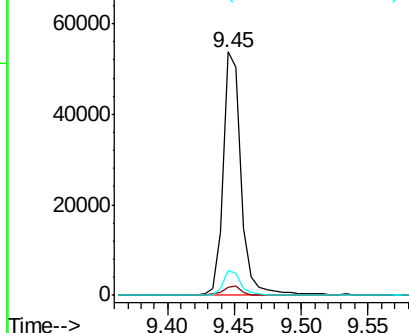
Tot Ion	Ratio	Resp	Lower	Upper
163	100	51289		
194	3.3		3.0	4.6
164	10.1		8.4	12.6

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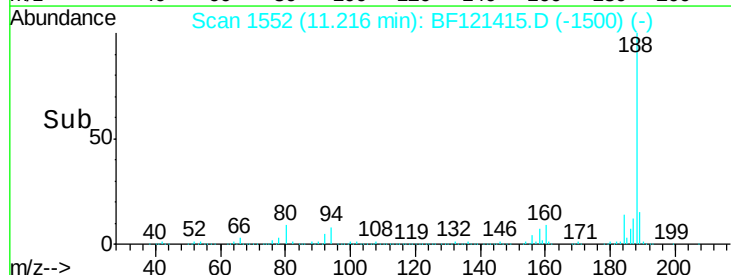
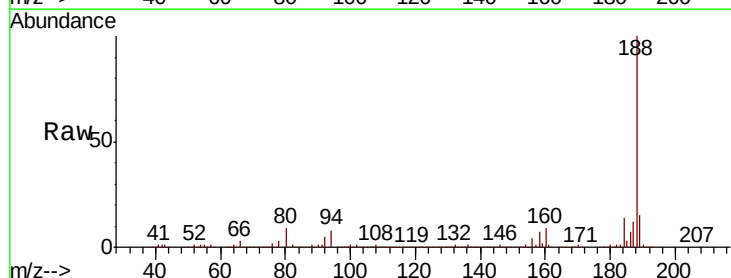
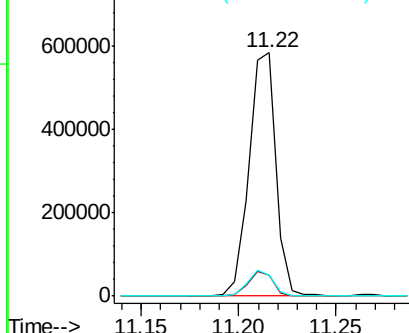
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Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

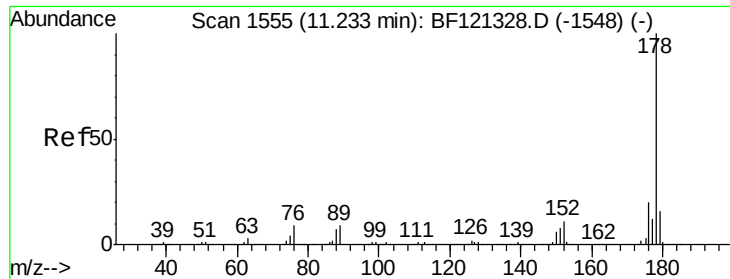


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121415.D
Acq: 24 Aug 2020 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	558889		
94	8.5		7.2	10.8
80	8.7		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





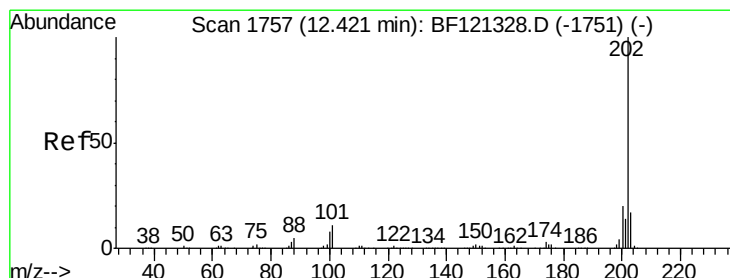
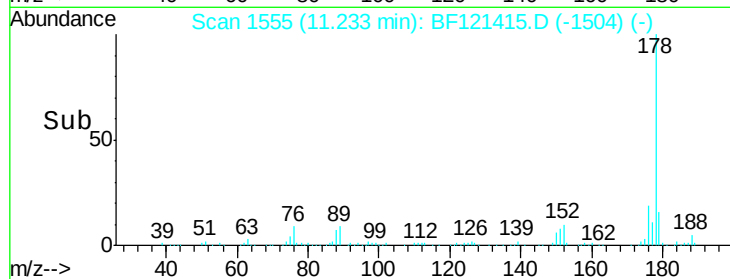
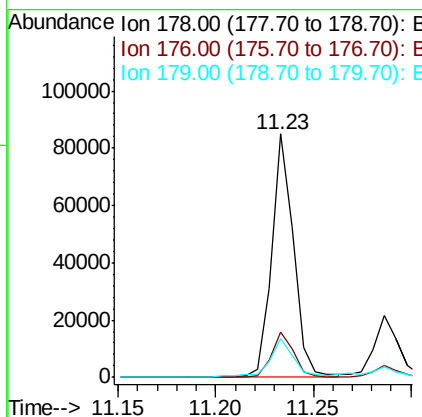
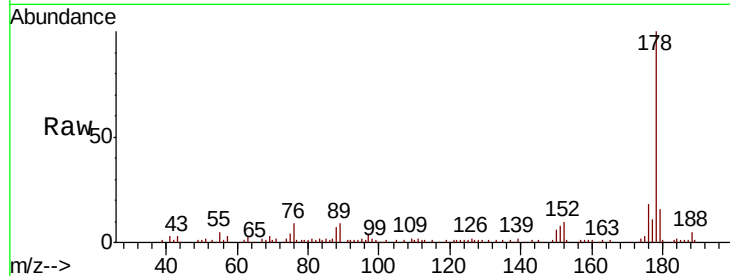
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Phenanthrene
Concen: 2.284 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF121415.D
Acq: 24 Aug 2020 23:34

Instrument :
BNA_F
ClientSampleId :
JC-03-082120-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.0	24.0
179	15.9	12.8	19.2

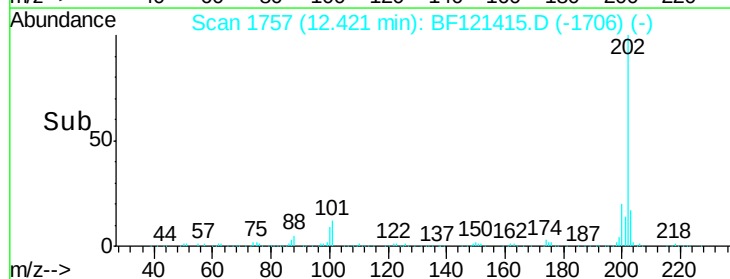
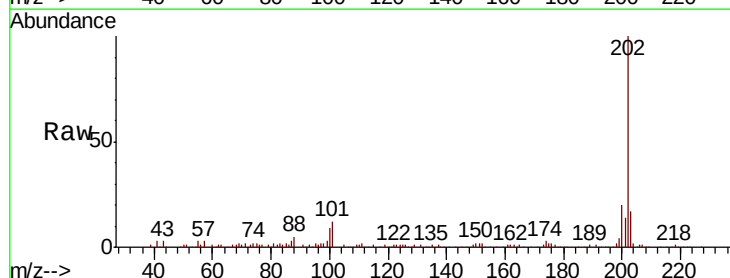
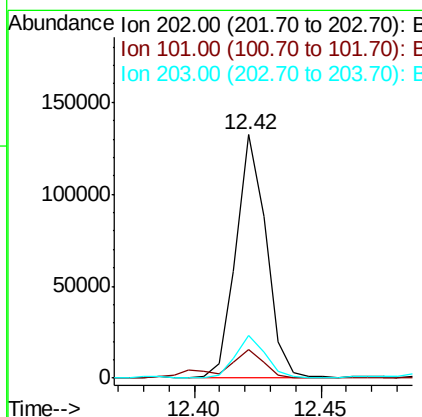
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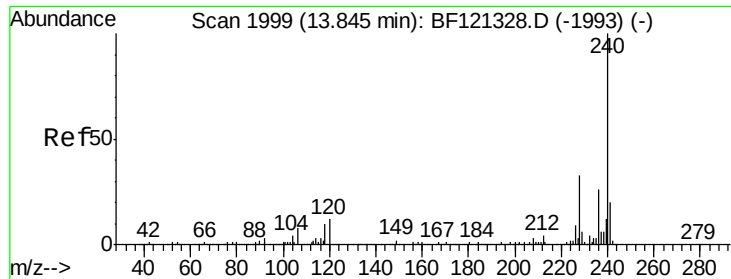
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#75
Fluoranthene
Concen: 3.478 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF121415.D
Acq: 24 Aug 2020 23:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.6
203	17.5	0.0	37.5





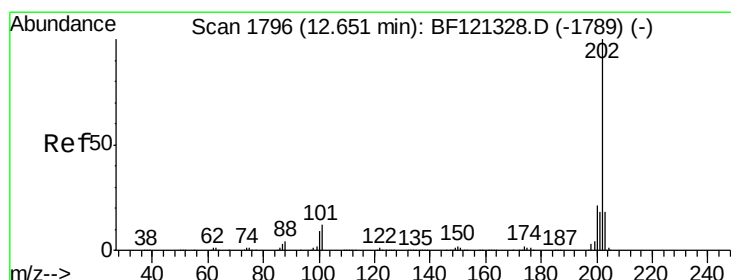
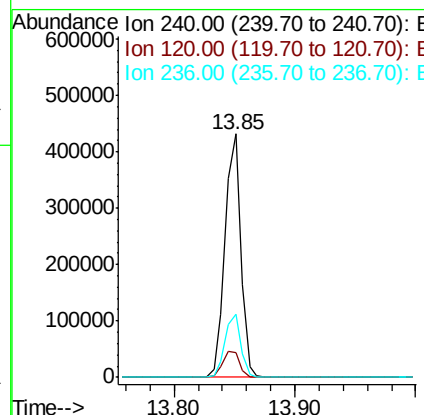
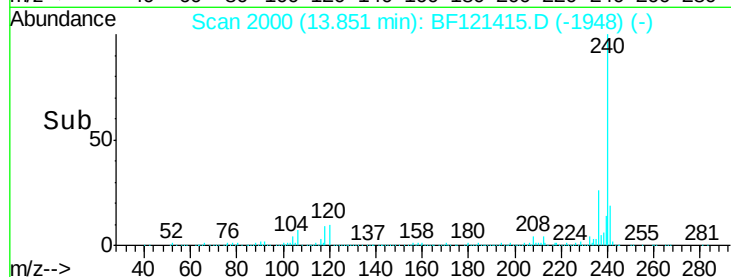
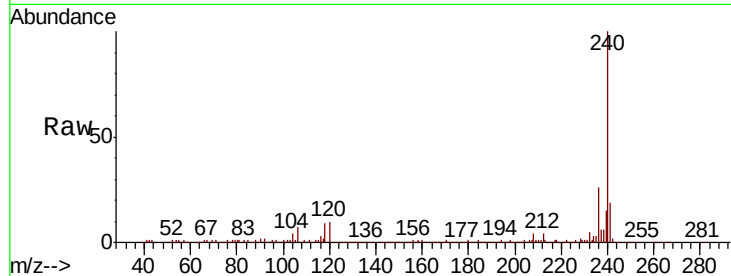
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF121415.D
Acq: 24 Aug 2020 23:34

Instrument :
BNA_F
ClientSampleId :
JC-03-082120-B

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	9.6	14.4
236	26.2	20.6	31.0

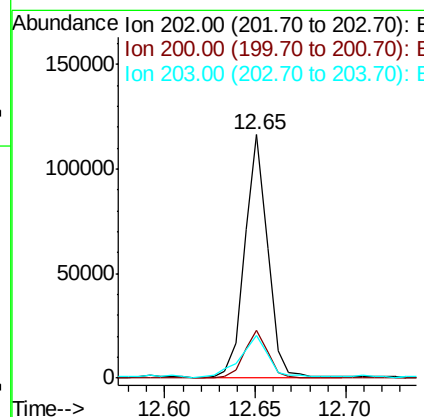
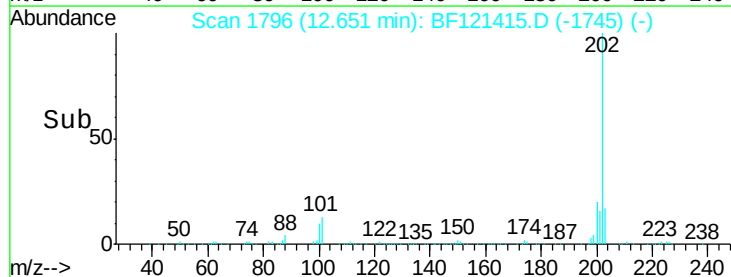
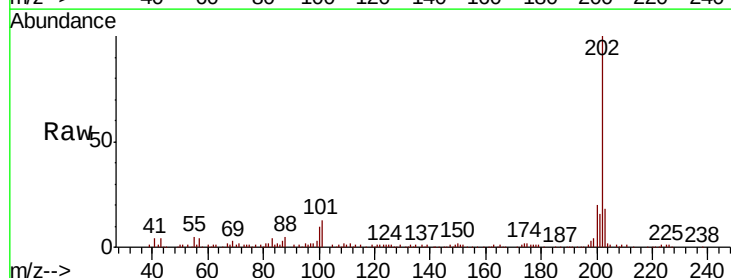
Manual Integrations
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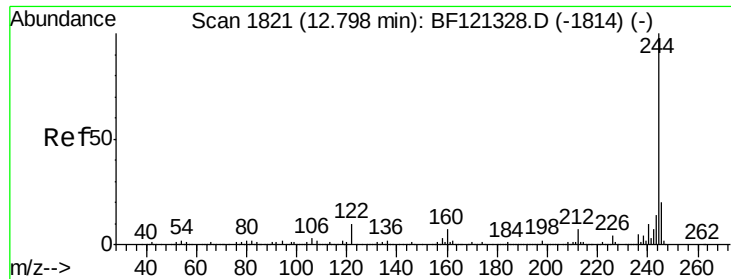
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#78
Pyrene
Concen: 3.444 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF121415.D
Acq: 24 Aug 2020 23:34

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	19.8	16.6	24.8
203	17.7	14.2	21.2





#79

Terphenyl-d14

Concen: 23.810 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121415.D

Acq: 24 Aug 2020 23:34

Instrument :

BNA_F

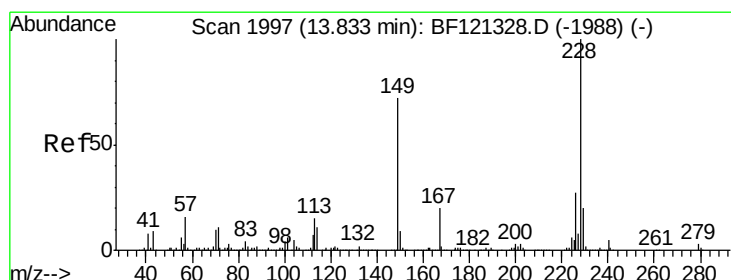
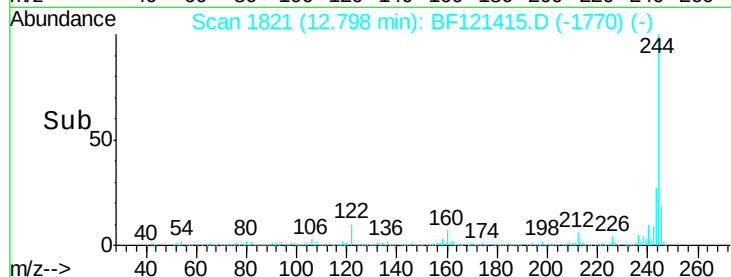
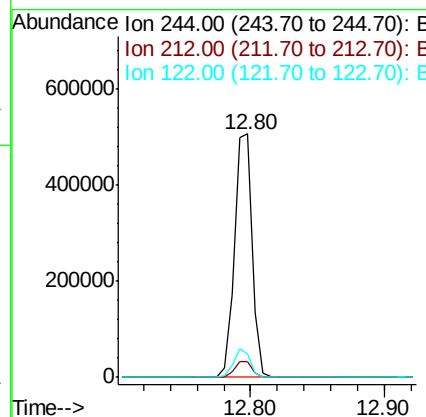
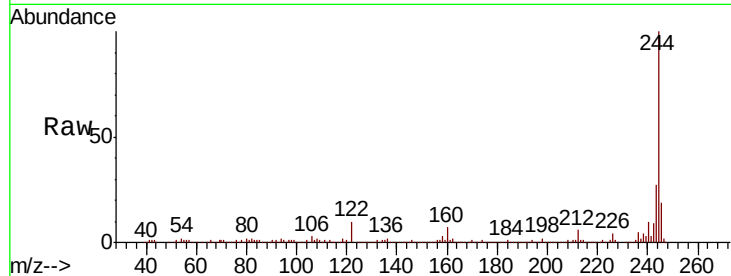
ClientSampleId :

JC-03-082120-B

Tot Ion:	244	Resp:	476207
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	9.7	7.8	11.8

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#81

Benzo(a)anthracene

Concen: 2.059 ng

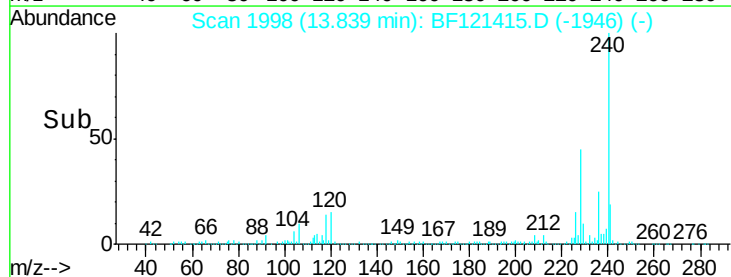
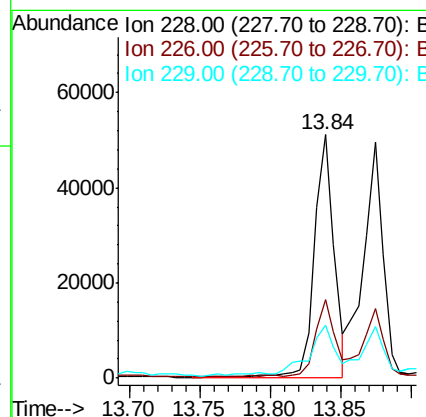
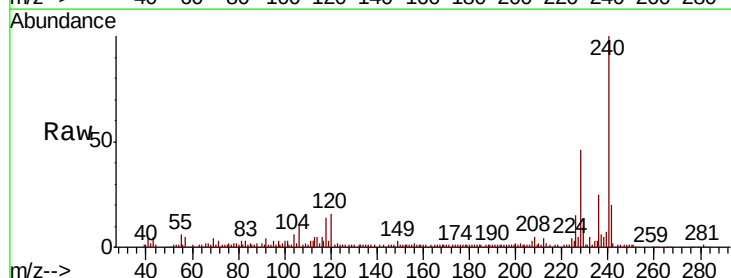
RT: 13.84 min Scan# 1998

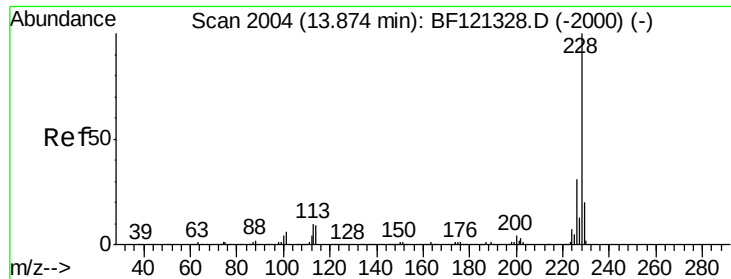
Delta R.T. 0.01 min

Lab File: BF121415.D

Acq: 24 Aug 2020 23:34

Tgt Ion:	228	Resp:	49989
Ion Ratio	Lower	Upper	
228	100		
226	32.1	21.8	32.6
229	21.7	15.8	23.8





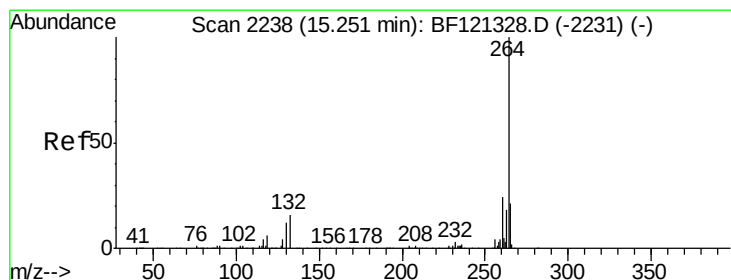
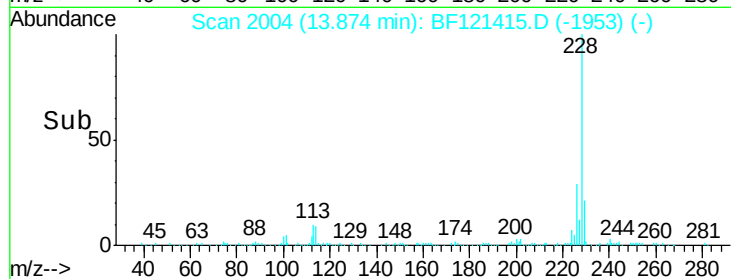
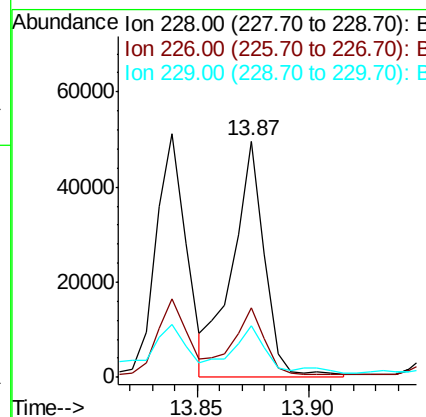
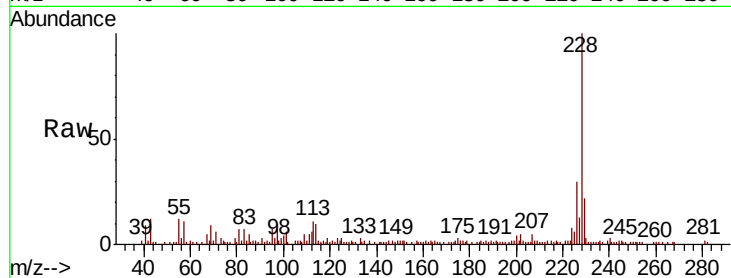
#83
Chrysene
Concen: 2.022 ng/ml
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF121415.D
Acq: 24 Aug 2020 23:34

Instrument :
BNA_F
ClientSampleId :
JC-03-082120-B

Tot Ion:	228	Resp:	50203
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.6	36.8
229	21.8	15.9	23.9

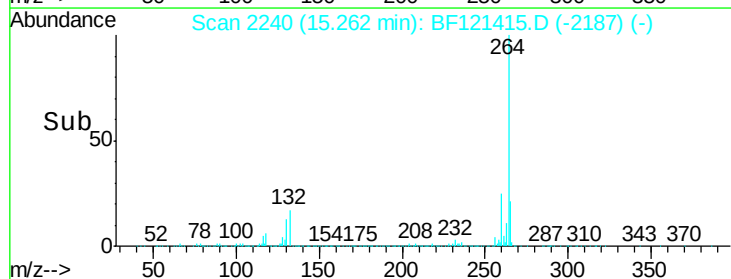
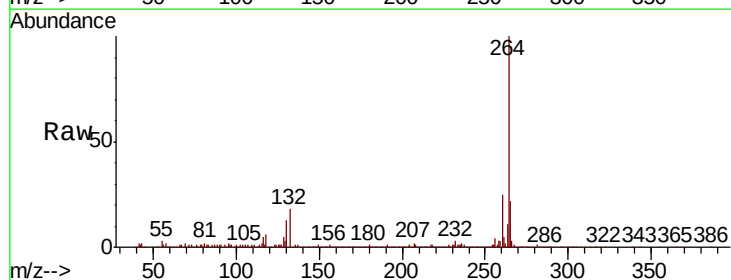
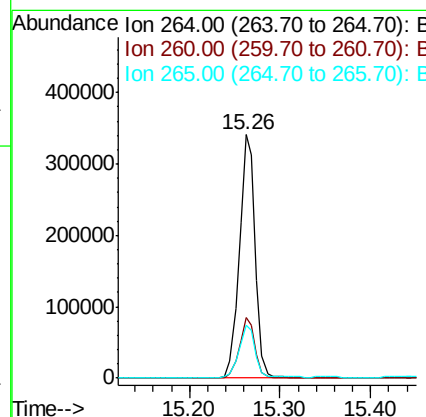
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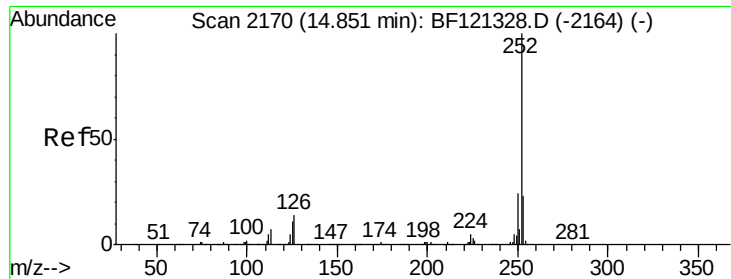
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF121415.D
Acq: 24 Aug 2020 23:34

Tgt Ion:	264	Resp:	415272
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.5	29.3
265	21.6	17.1	25.7





#88
 Benzo(b)fluoranthene
 Concen: 2.225 ng/ml
 RT: 14.86 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: BF121415.D
 Acq: 24 Aug 2020 23:34

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-082120-B

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	18.0	27.0
125	14.3	8.6	12.8

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