

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121833.D
 Acq On : 5 Oct 2020 23:27
 Operator : JU/CG
 Sample : L4221-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-100120

Manual Integrations
 APPROVED

mohammad
 10/7/2020 10:36:35 AM

Quant Time: Oct 06 01:55:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	104730	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	379833	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	165198	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	273787	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	271859	20.00	ng	-0.01
86) Perylene-d12	15.36	264	247685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	275816	39.14	ng	0.00
7) Phenol-d6	6.40	99	340887	36.87	ng	-0.01
23) Nitrobenzene-d5	7.33	82	219810	31.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	69316	33.76	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	398284	36.51	ng	-0.01
79) Terphenyl-d14	12.86	244	339338	25.29	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.52	163	57266	4.783	ng	99
71) Phenanthrene	11.30	178	76316	5.116	ng	96
75) Fluoranthene	12.49	202	79775	5.010	ng	100
78) Pyrene	12.72	202	110067	5.541	ng	100
81) Benzo(a)anthracene	13.91	228	53928m	3.136	ng	
83) Chrysene	13.94	228	55062	3.162	ng	98
88) Benzo(b)fluoranthene	14.94	252	52080m	3.145	ng	
90) Benzo(a)pyrene	15.30	252	44072	3.131	ng	# 93

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

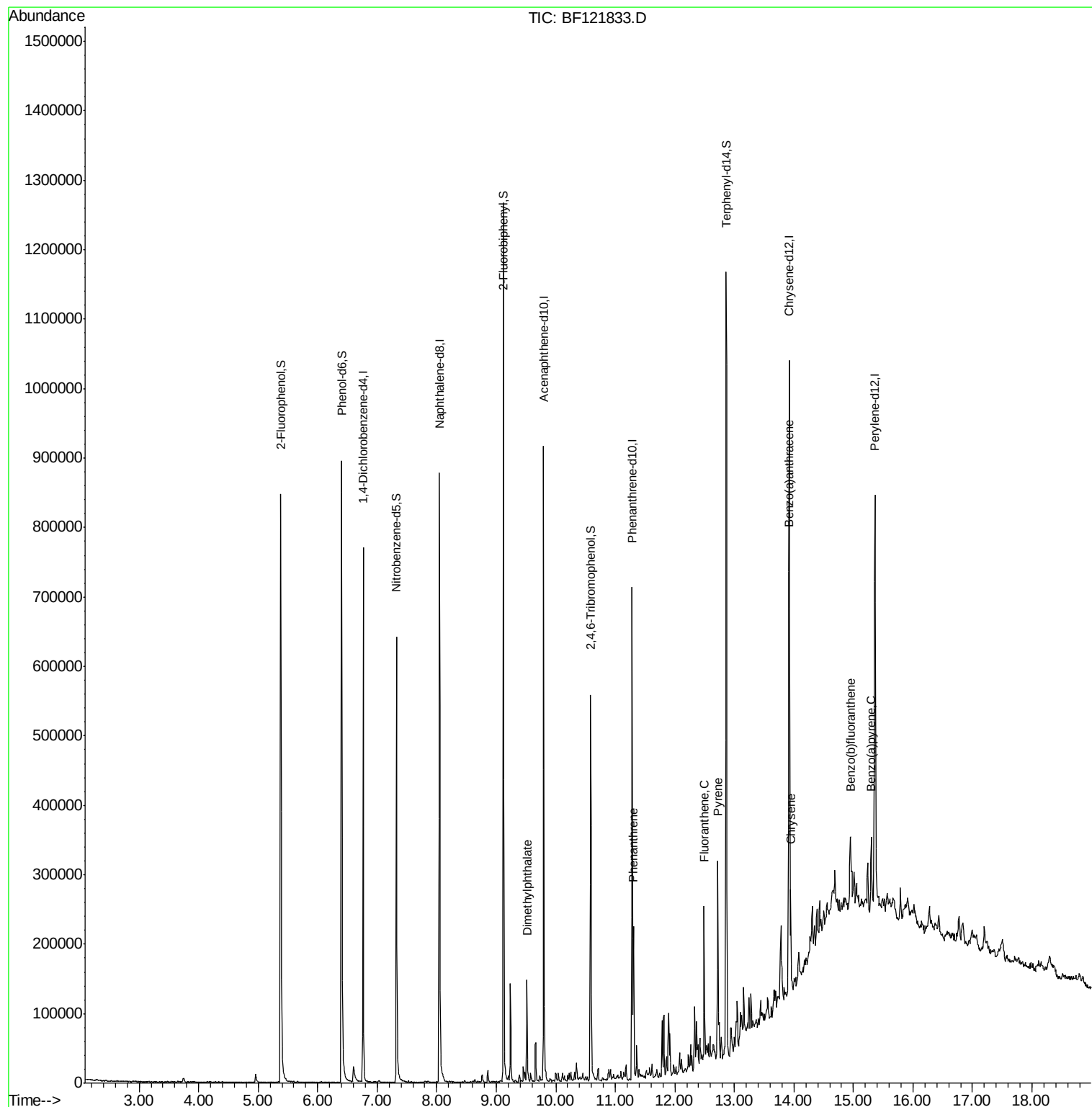
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121833.D
Acq On : 5 Oct 2020 23:27
Operator : JU/CG
Sample : L4221-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

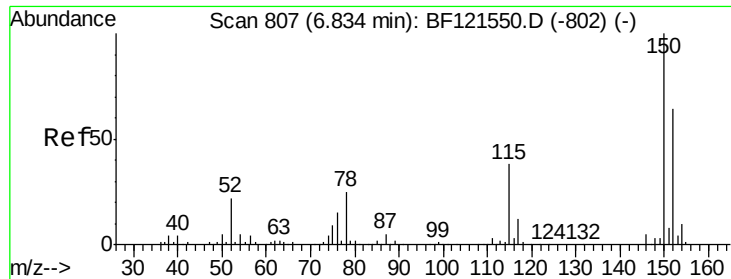
Instrument :
BNA_F
ClientSampleId :
OK-02-100120

Manual Integrations
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Quant Time: Oct 06 01:55:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration





#1

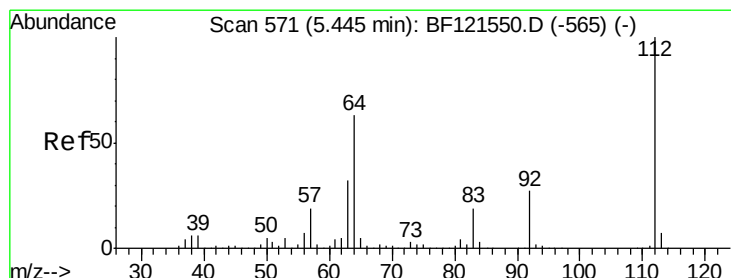
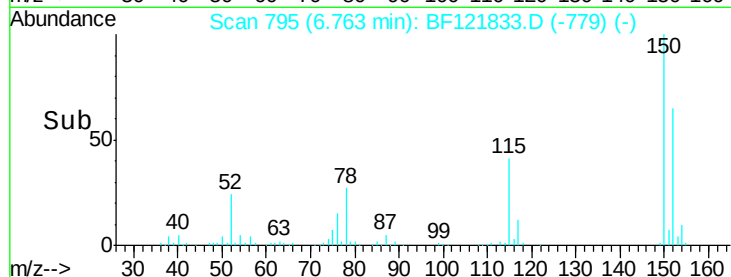
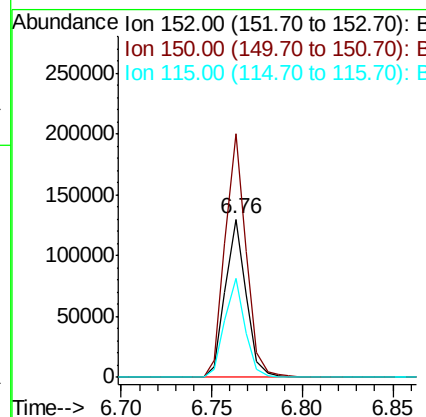
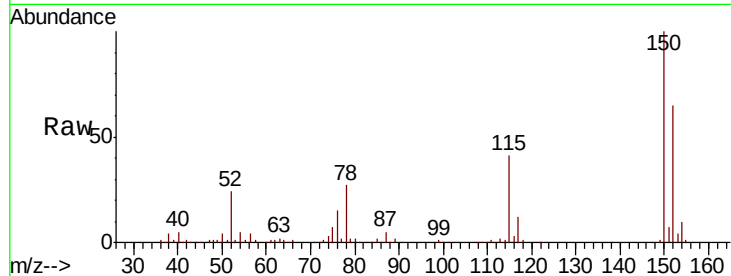
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121833.D
Acq: 5 Oct 2020 23:27

Instrument :
BNA_F
ClientSampleId :
OK-02-100120

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.3	187.9
115	62.4	51.9	77.9

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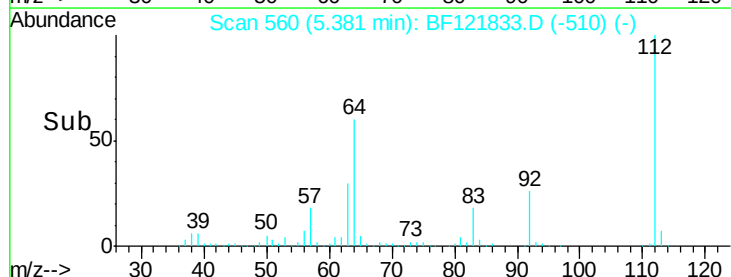
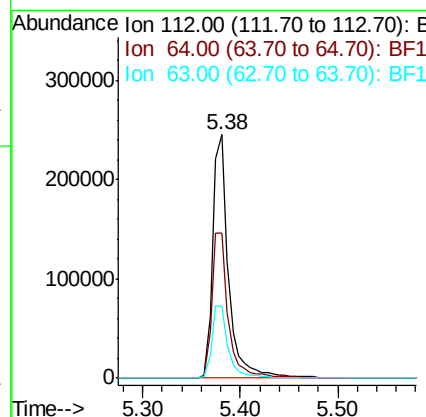
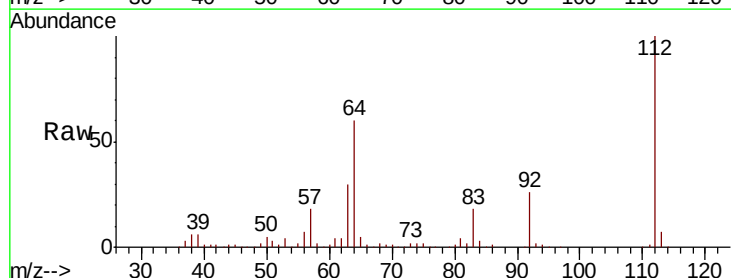
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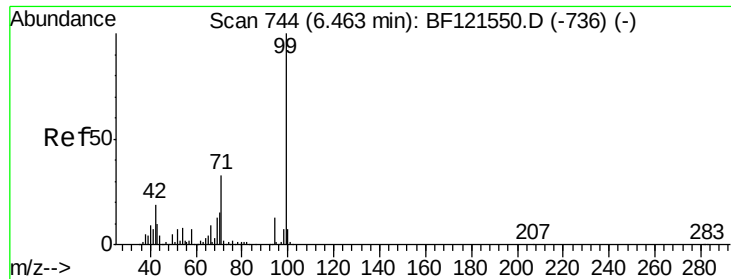


#5

2-Fluorophenol
Concen: 39.138 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121833.D
Acq: 5 Oct 2020 23:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	50.4	75.6
63	29.6	25.8	38.6





#7

Phenol-d6

Concen: 36.871 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121833.D

Acq: 5 Oct 2020 23:27

Instrument :

BNA_F

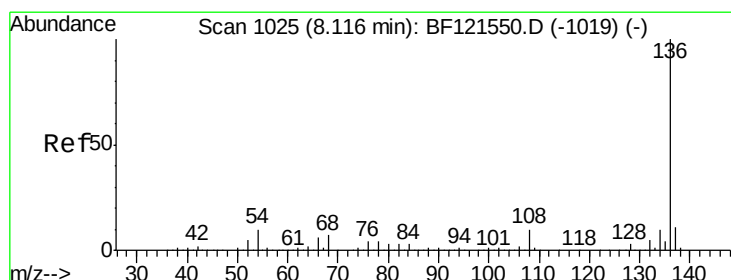
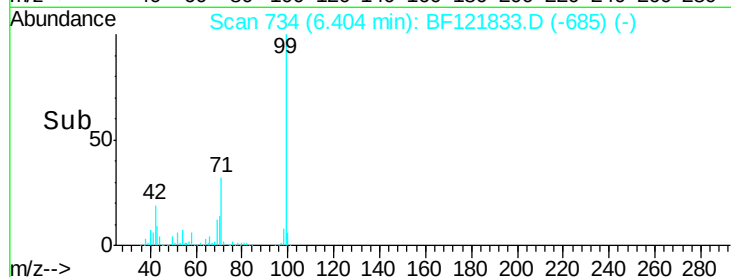
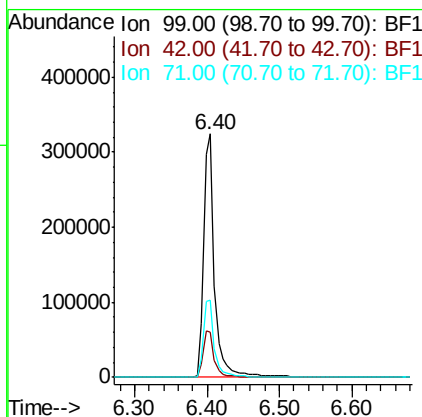
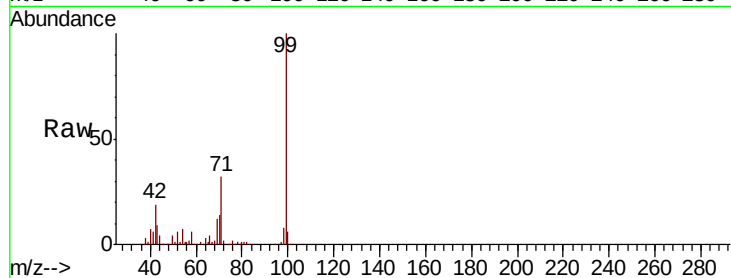
ClientSampleId :

OK-02-100120

Tot Ion:	99	Resp:	340887
Ion Ratio	Lower	Upper	
99	100		
42	18.8	15.9	23.9
71	31.6	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

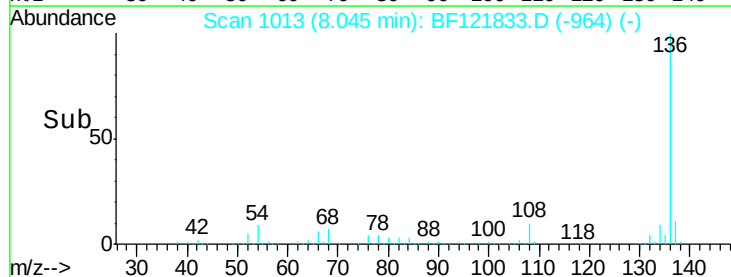
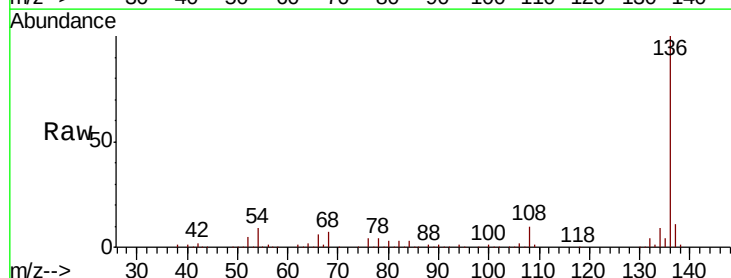
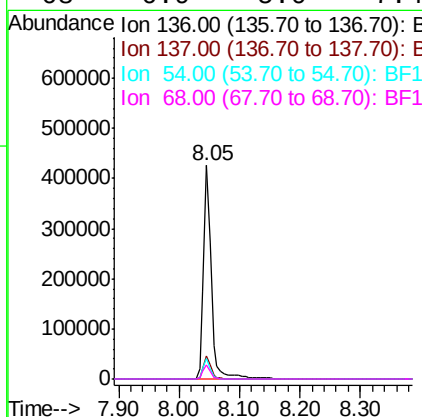
RT: 8.05 min Scan# 1013

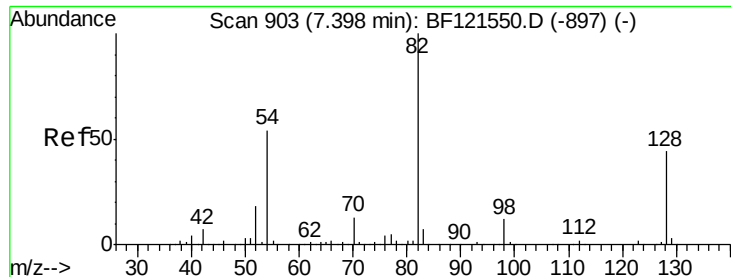
Delta R.T. -0.01 min

Lab File: BF121833.D

Acq: 5 Oct 2020 23:27

Tgt Ion:	136	Resp:	379833
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	9.5	7.1	10.7
68	6.9	5.0	7.4





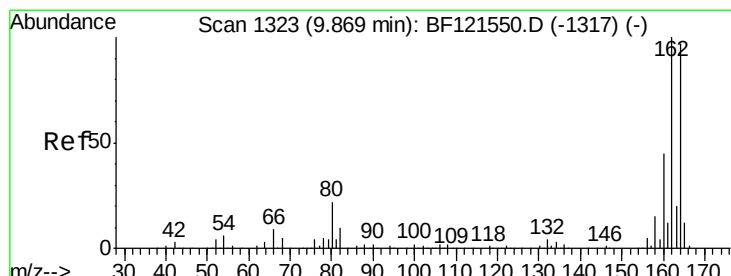
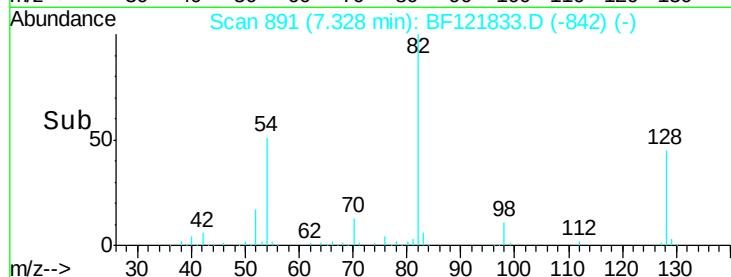
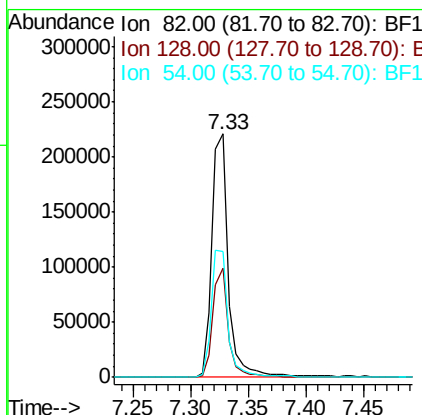
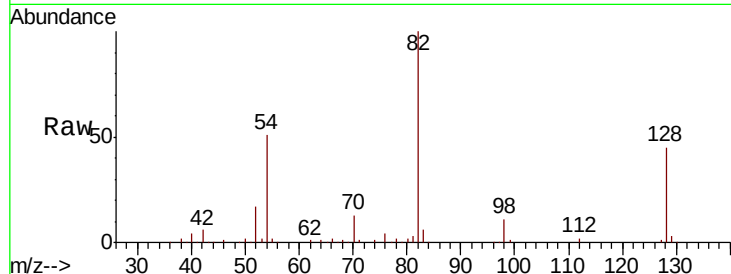
#23
Nitrobenzene-d5
Concen: 31.072 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121833.D
Acq: 5 Oct 2020 23:27

Instrument :
BNA_F
ClientSampled :
OK-02-100120

Tot Ion	Ratio	Resp	Lower	Upper
82	100	219810		
128	45.0	35.0	52.4	
54	51.5	43.9	65.9	

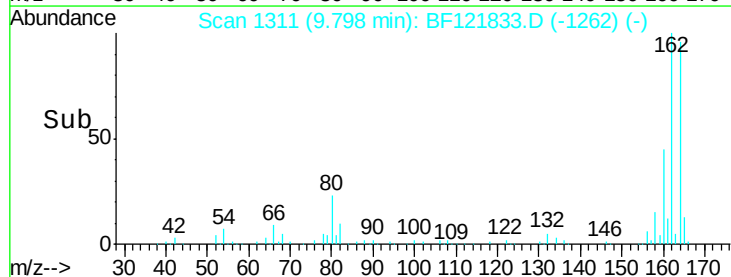
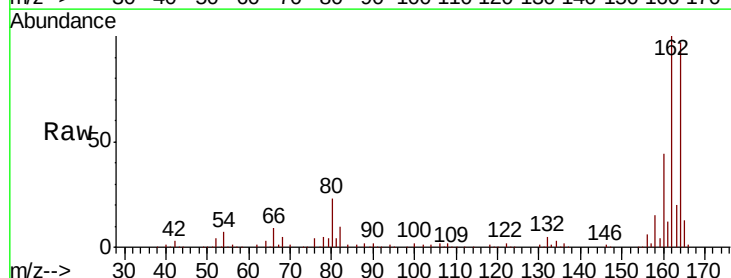
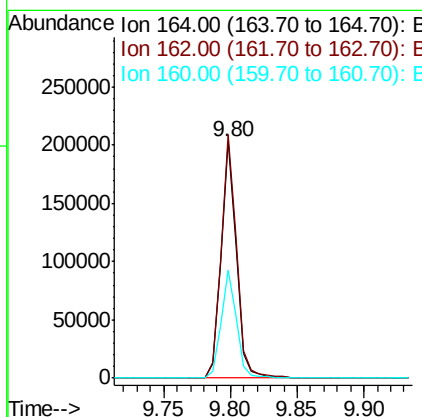
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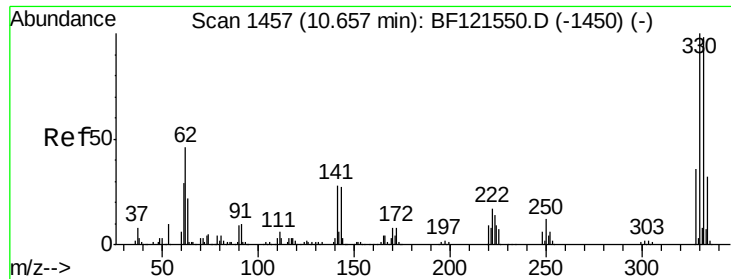
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121833.D
Acq: 5 Oct 2020 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	165198		
162	102.7	83.2	124.8	
160	45.7	37.5	56.3	





#42

2,4,6-Tribromophenol

Concen: 33.760 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BF121833.D

Acq: 5 Oct 2020 23:27

Instrument :

BNA_F

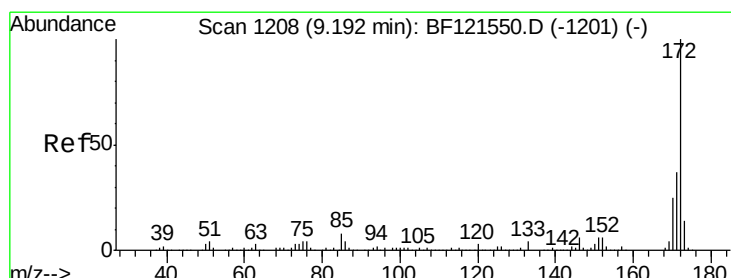
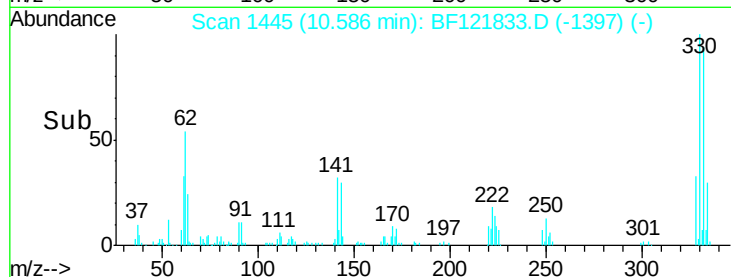
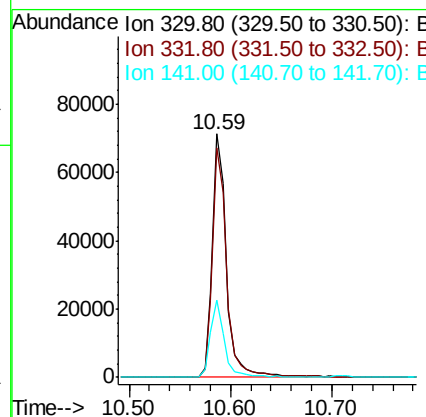
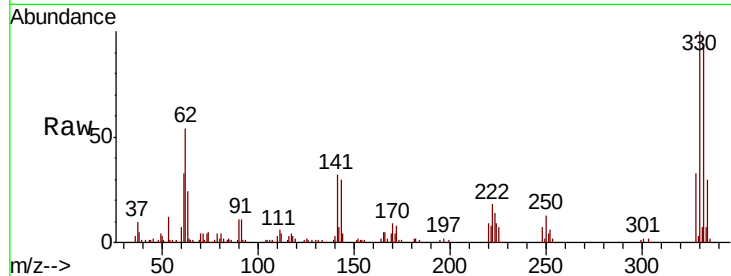
ClientSampleId :

OK-02-100120

Tot Ion:	330	Resp:	69316
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.3	115.9
141	30.9	22.3	33.5

Manual Integrations
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#45

2-Fluorobiphenyl

Concen: 36.515 ng

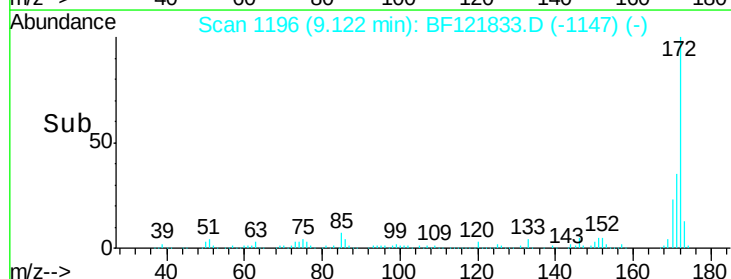
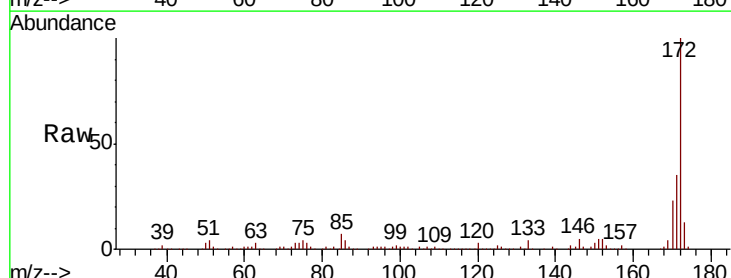
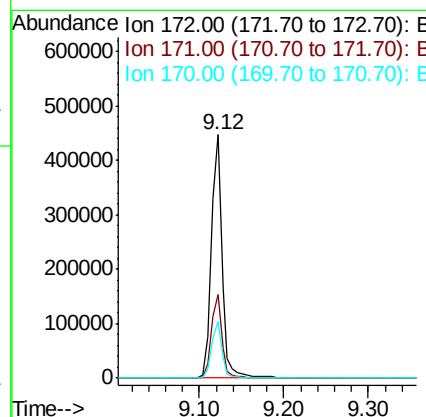
RT: 9.12 min Scan# 1196

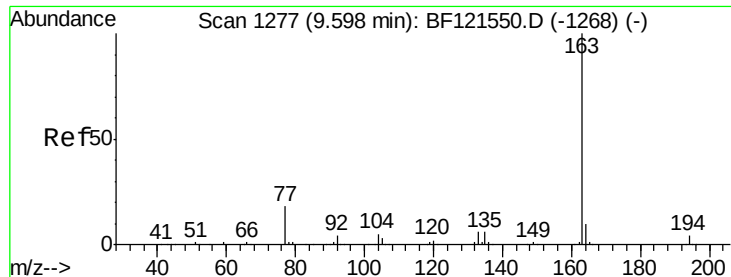
Delta R.T. -0.01 min

Lab File: BF121833.D

Acq: 5 Oct 2020 23:27

Tgt Ion:	172	Resp:	398284
Ion Ratio	Lower	Upper	
172	100		
171	34.6	29.1	43.7
170	23.2	19.8	29.6





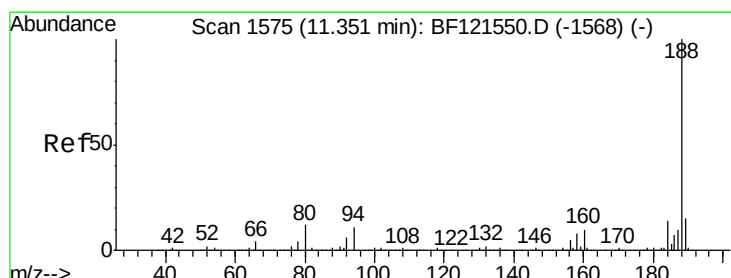
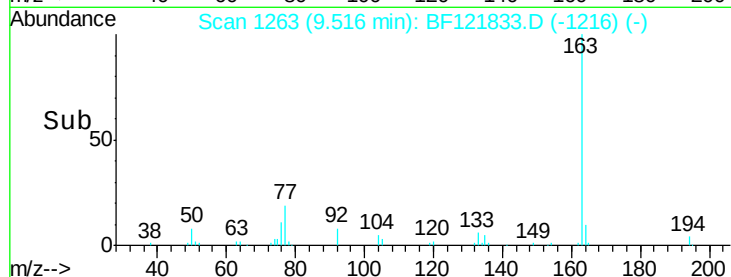
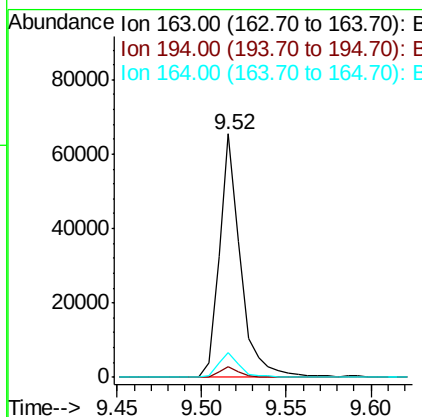
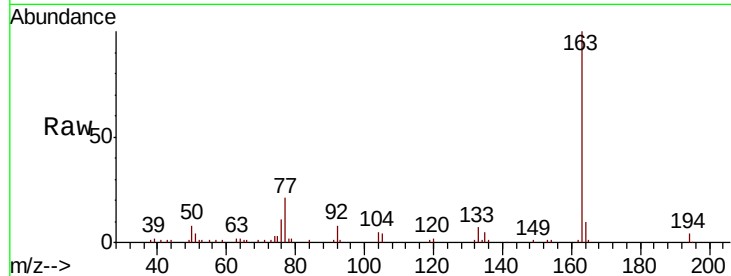
#50
Dimethylphthalate
Concen: 4.783 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121833.D
Acq: 5 Oct 2020 23:27

Instrument :
BNA_F
ClientSampleId :
OK-02-100120

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.9	8.2	12.4

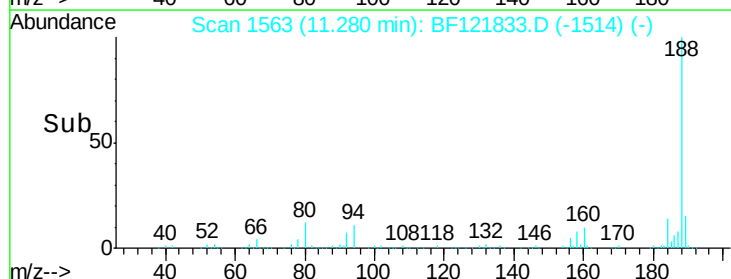
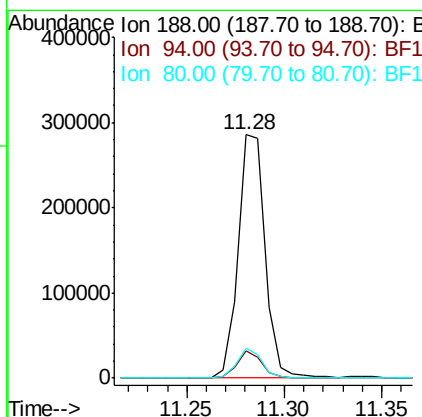
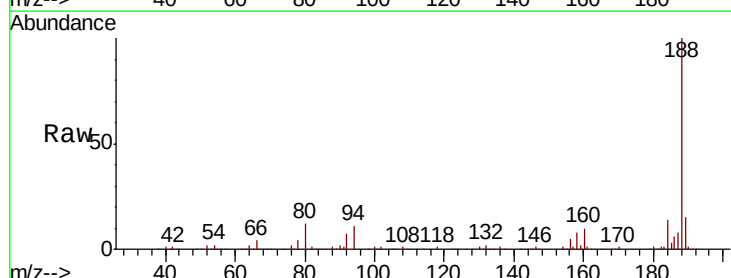
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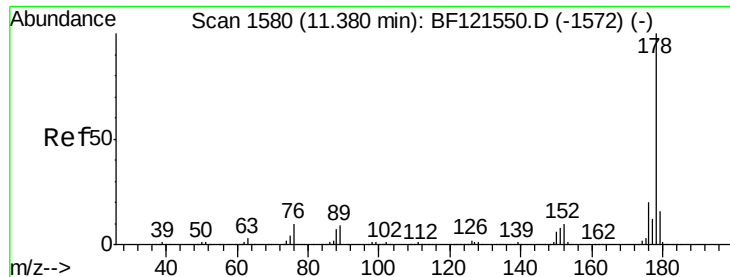
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121833.D
Acq: 5 Oct 2020 23:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.3	12.5
80	12.2	9.1	13.7





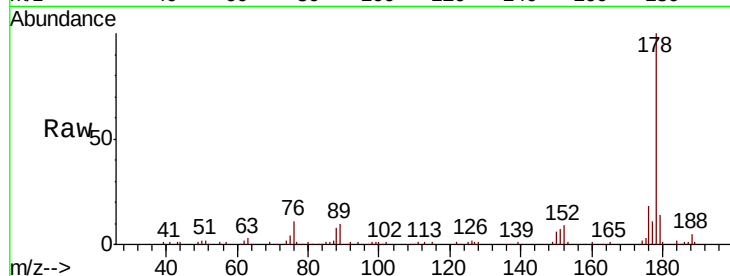
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Phenanthrene
Concen: 5.116 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF121833.D
Acq: 5 Oct 2020 23:27

Instrument :
BNA_F
ClientSampleId :
OK-02-100120

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.9	23.9
179	14.3	12.2	18.4

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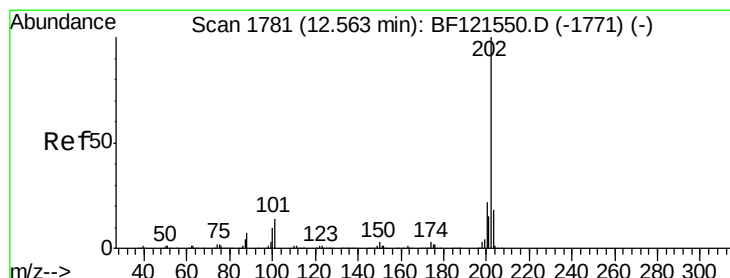
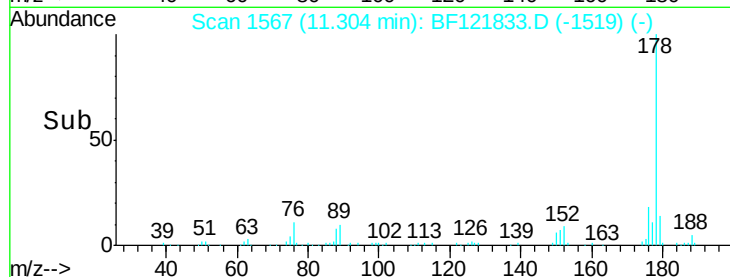
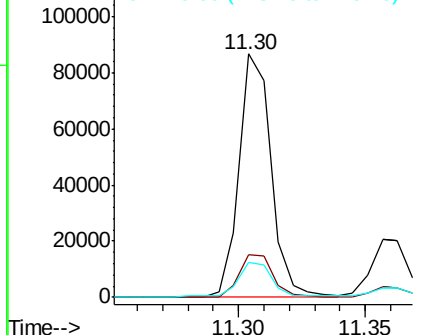


Abundance

Ion 178.00 (177.70 to 178.70): E

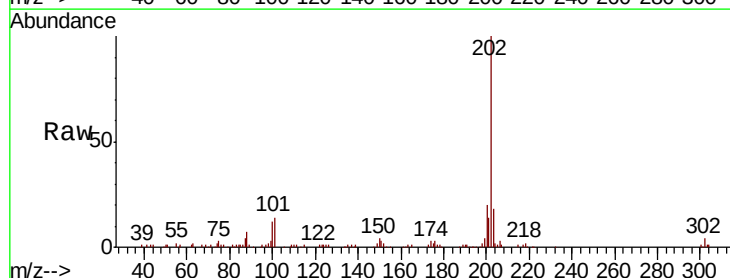
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 5.010 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF121833.D
Acq: 5 Oct 2020 23:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.4
203	18.0	0.0	37.9

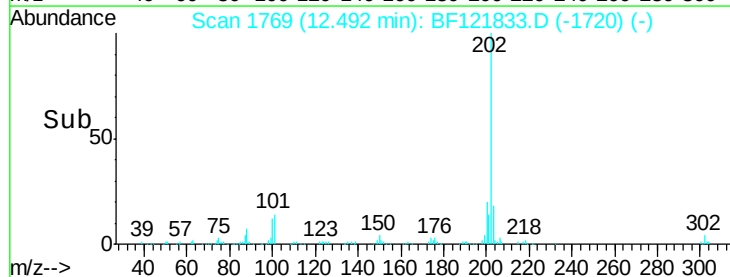
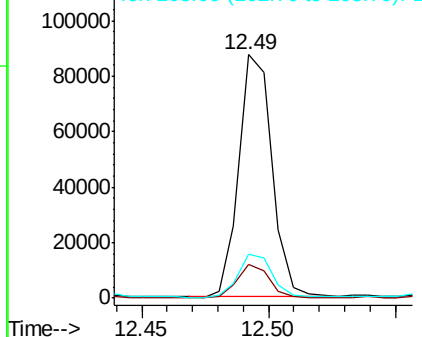


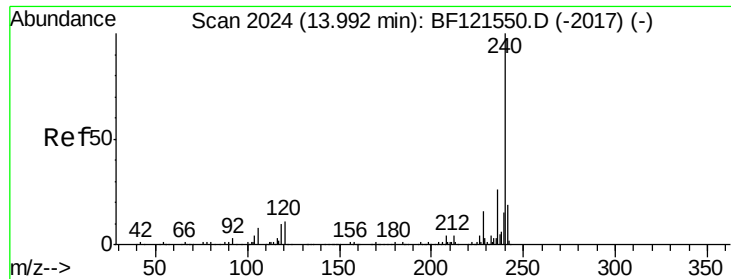
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





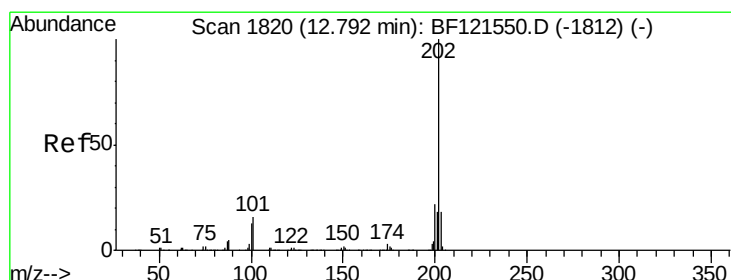
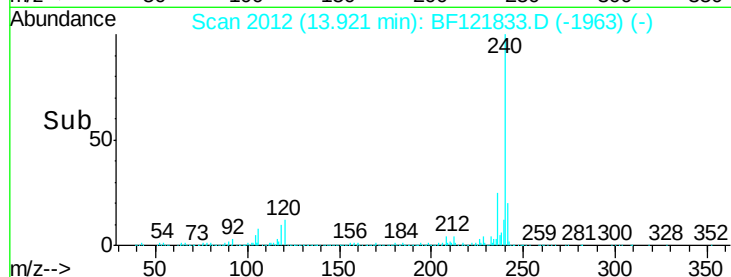
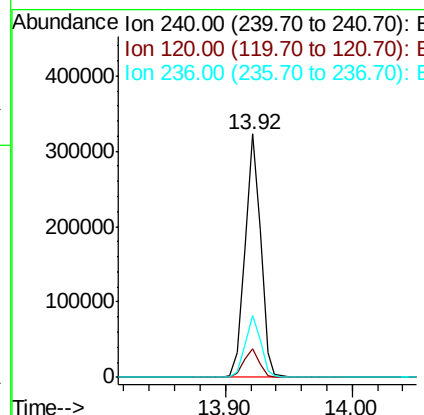
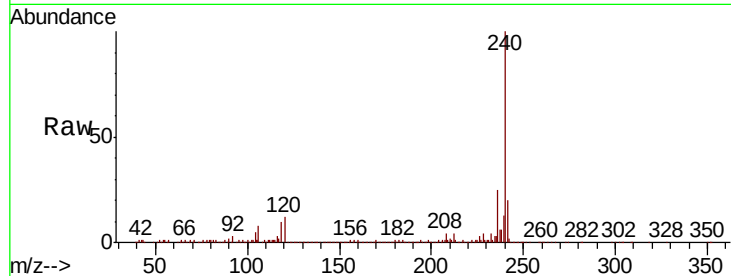
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121833.D
Acq: 5 Oct 2020 23:27

Instrument :
BNA_F
ClientSampleId :
OK-02-100120

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.2	13.8
236	25.2	20.9	31.3

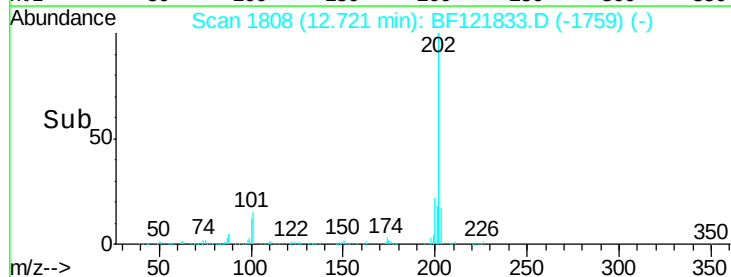
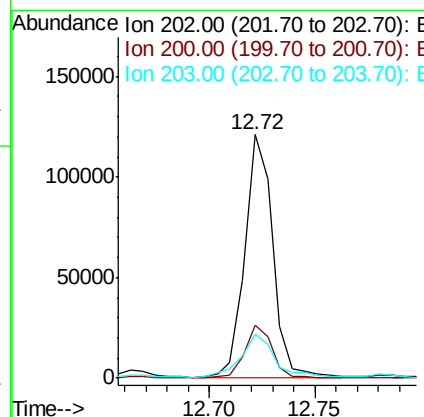
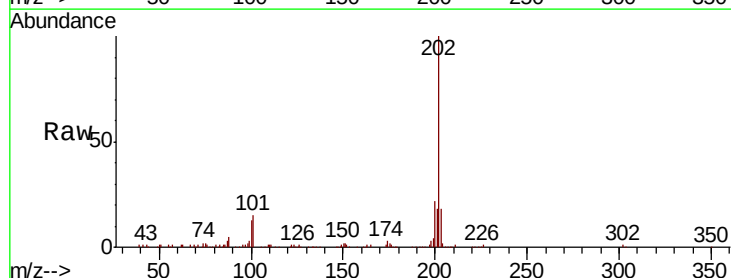
Manual Integrations
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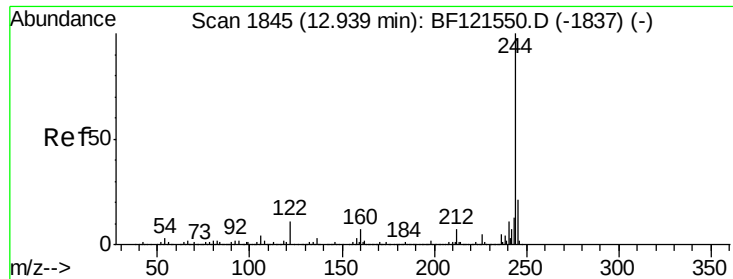
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#78
Pyrene
Concen: 5.541 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121833.D
Acq: 5 Oct 2020 23:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.0	14.6	21.8





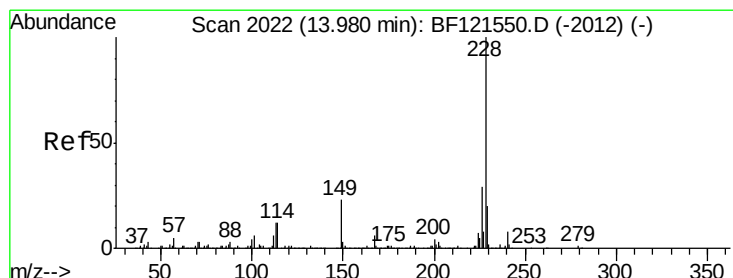
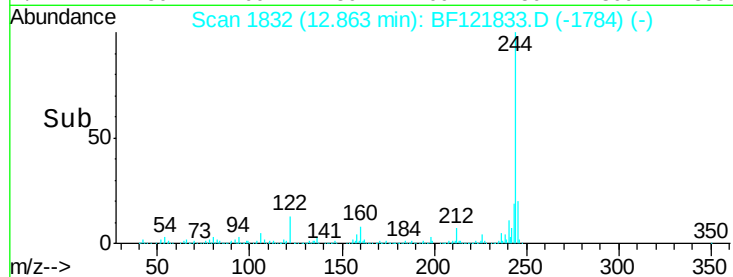
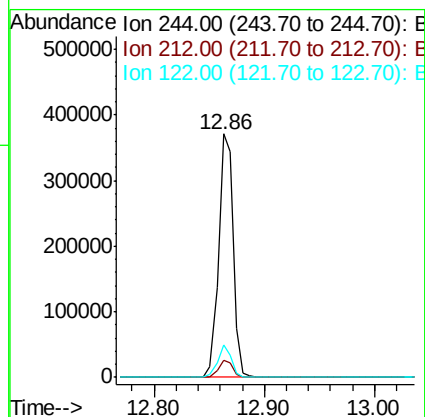
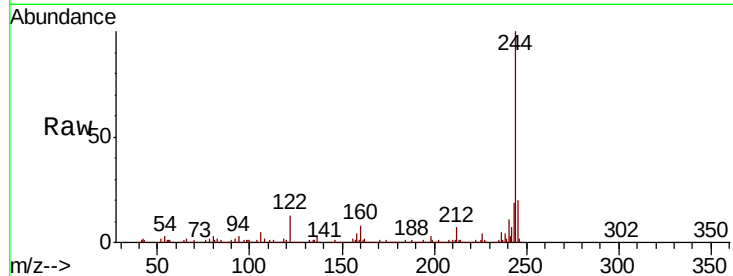
#79
 Terphenyl-d14
 Concen: 25.288 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF121833.D
 Acq: 5 Oct 2020 23:27

Instrument :
 BNA_F
 ClientSampleID :
 OK-02-100120

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	13.2	8.1	12.1

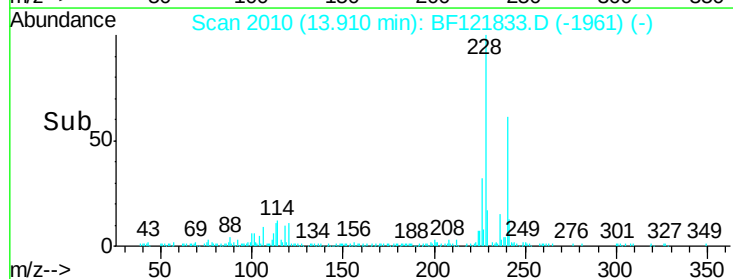
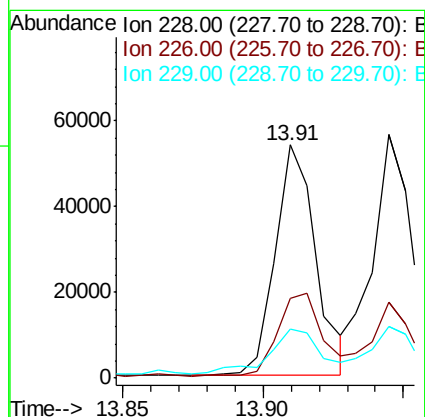
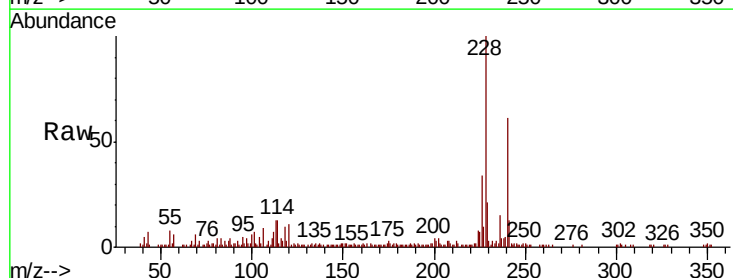
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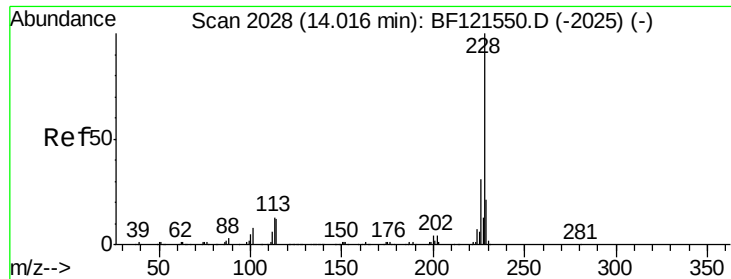
mohammad
 10/7/2020 10:36:35 AM



#81
 Benzo(a)anthracene
 Concen: 3.136 ng m
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF121833.D
 Acq: 5 Oct 2020 23:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	22.3	33.5
229	20.9	16.2	24.4





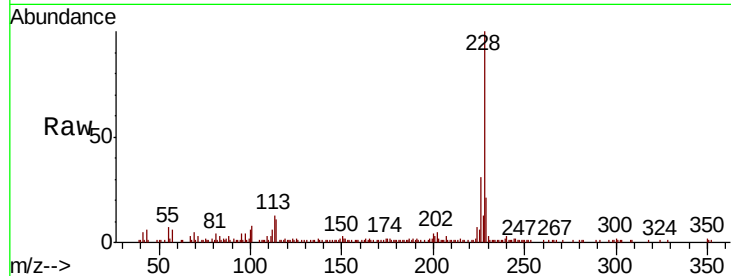
#83
Chrysene
Concen: 3.162 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF121833.D
Acq: 5 Oct 2020 23:27

Instrument :
BNA_F
ClientSampleId :
OK-02-100120

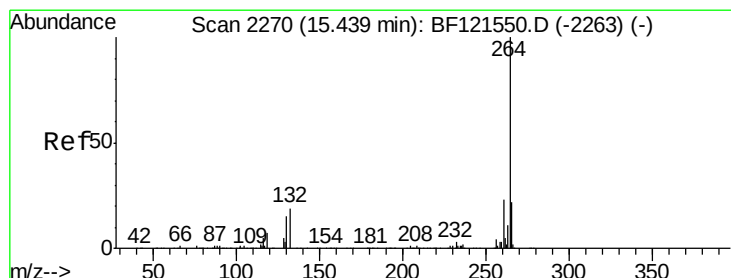
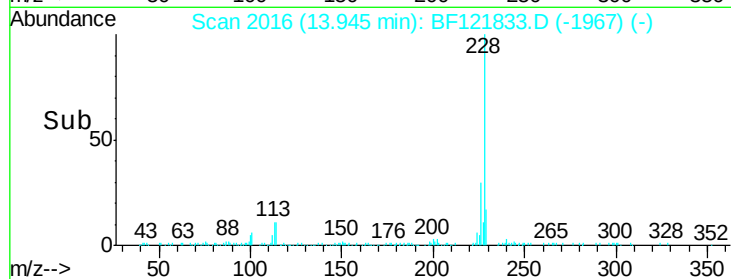
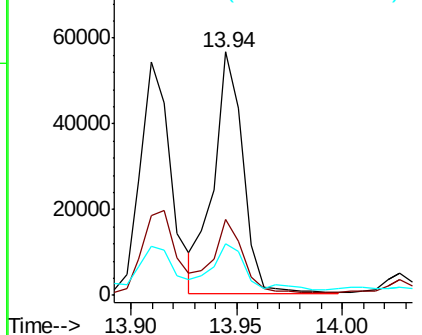
Tot Ion:	228	Resp:	55062
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.6	37.0
229	21.2	15.9	23.9

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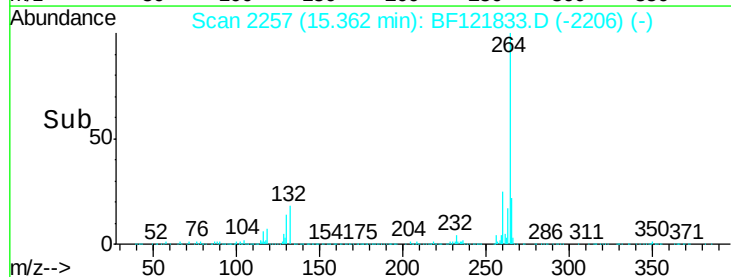
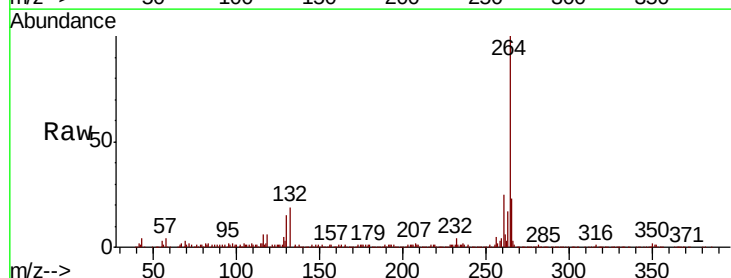
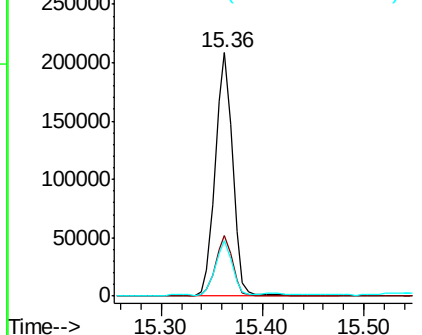
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

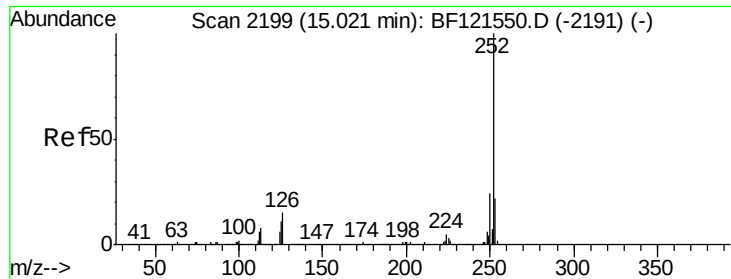


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121833.D
Acq: 5 Oct 2020 23:27

Tgt Ion:	264	Resp:	247685
Ion Ratio	Lower	Upper	
264	100		
260	25.0	18.7	28.1
265	22.6	17.3	25.9

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





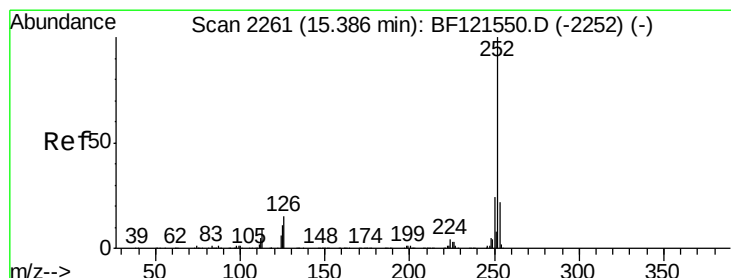
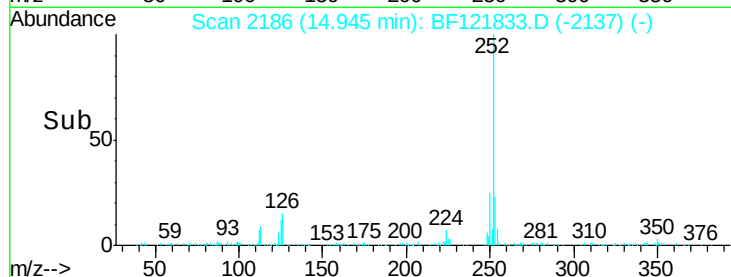
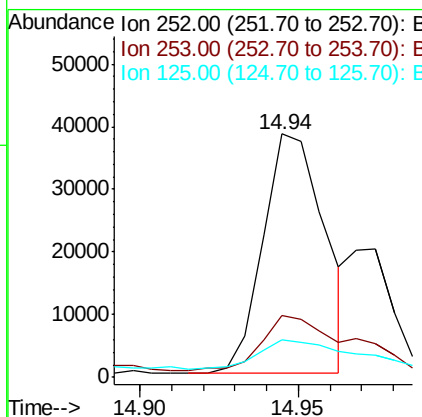
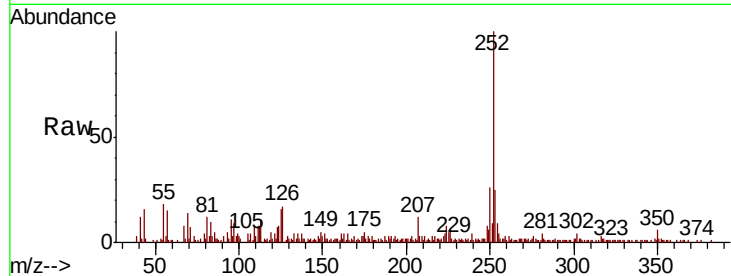
#88
Benzo(b)fluoranthene
Concen: 3.145 ng m
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF121833.D
Acq: 5 Oct 2020 23:27

Instrument :
BNA_F
ClientSampleId :
OK-02-100120

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.2	27.2
125	15.6	8.0	12.0

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#90
Benzo(a)pyrene
Concen: 3.131 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF121833.D
Acq: 5 Oct 2020 23:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	14.5	8.6	13.0

