

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121834.D
 Acq On : 5 Oct 2020 23:58
 Operator : JU/CG
 Sample : L4226-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-100120

Manual Integrations
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mohammad
 10/7/2020 10:36:37 AM

Quant Time: Oct 06 02:35:33 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	107195	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	396806	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	182574	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	299023	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	284899	20.00	ng	-0.01
86) Perylene-d12	15.36	264	265533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	271958	37.70	ng	0.00
7) Phenol-d6	6.40	99	341485	36.09	ng	-0.01
23) Nitrobenzene-d5	7.33	82	221203	29.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	71765	31.63	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	385416	31.97	ng	-0.01
79) Terphenyl-d14	12.86	244	315581	22.44	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.52	163	50535	3.819	ng	99
75) Fluoranthene	12.50	202	99807	5.739	ng	96
78) Pyrene	12.72	202	90190	4.333	ng	98
81) Benzo(a)anthracene	13.91	228	50633	2.809	ng	96
83) Chrysene	13.95	228	52221	2.861	ng	97
88) Benzo(b)fluoranthene	14.94	252	67151m	3.783	ng	
90) Benzo(a)pyrene	15.30	252	43094	2.856	ng	# 92

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

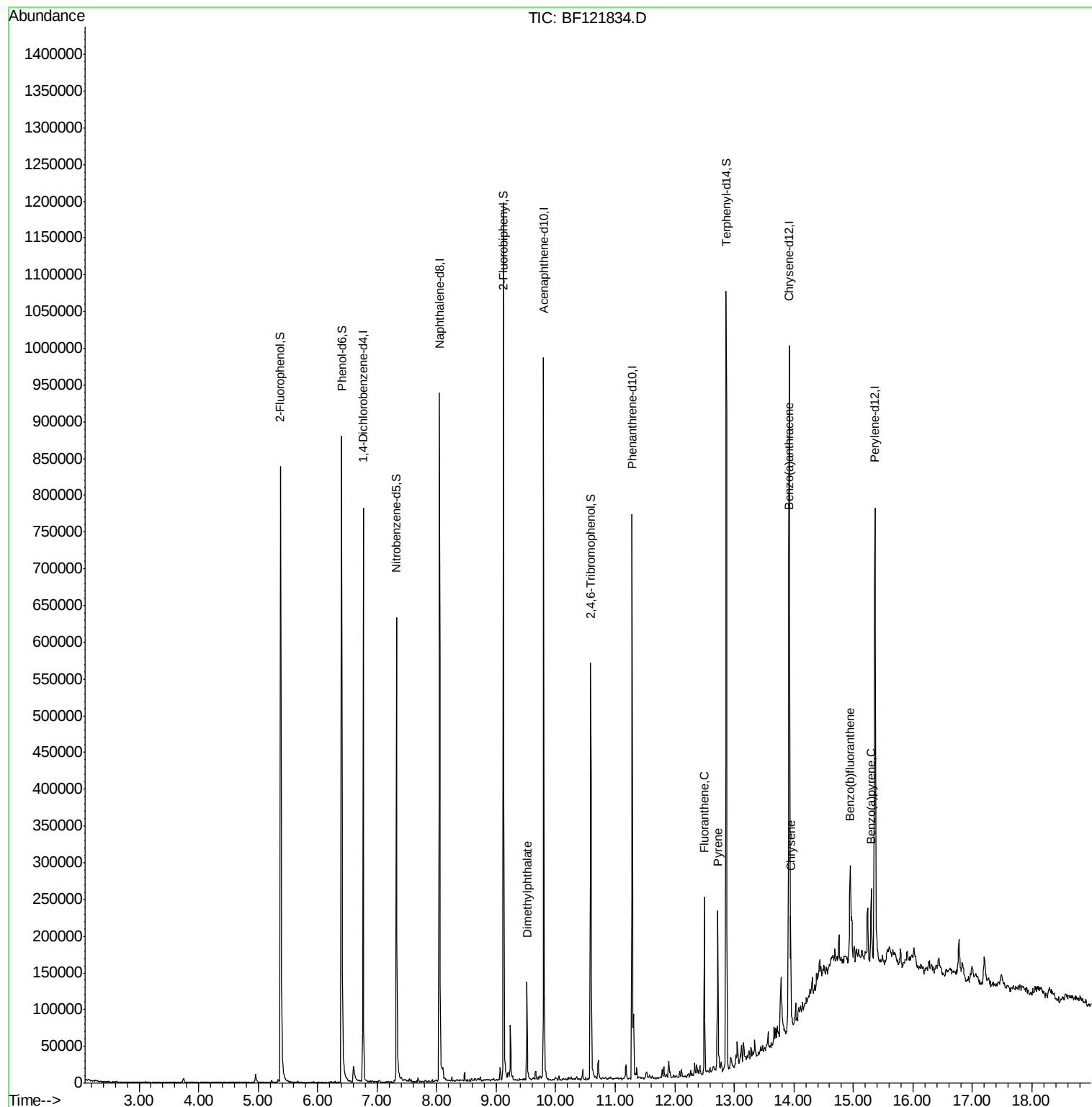
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121834.D
Acq On : 5 Oct 2020 23:58
Operator : JU/CG
Sample : L4226-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

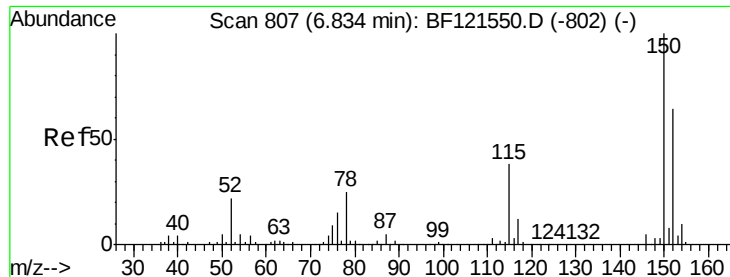
Instrument :
BNA_F
ClientSampleId :
TR-05-100120

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Quant Time: Oct 06 02:35:33 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

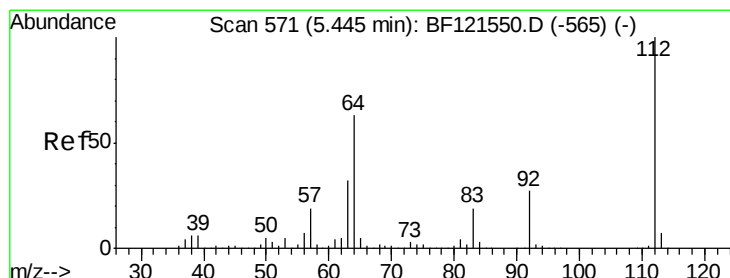
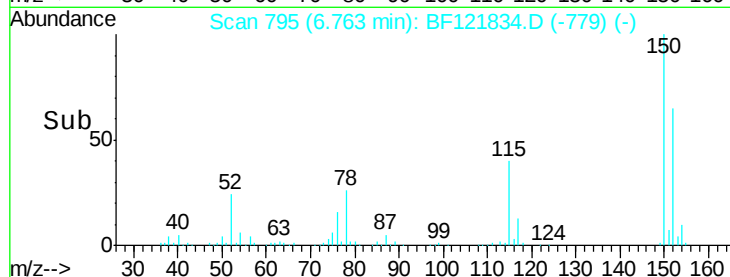
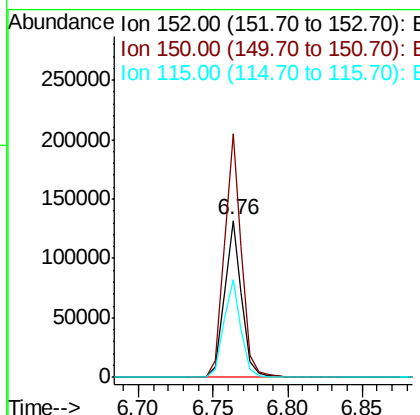
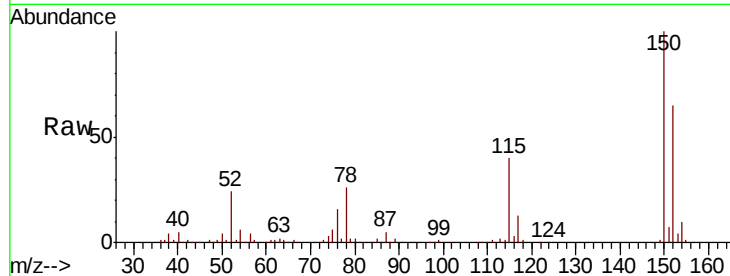
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.3	187.9
115	61.9	51.9	77.9

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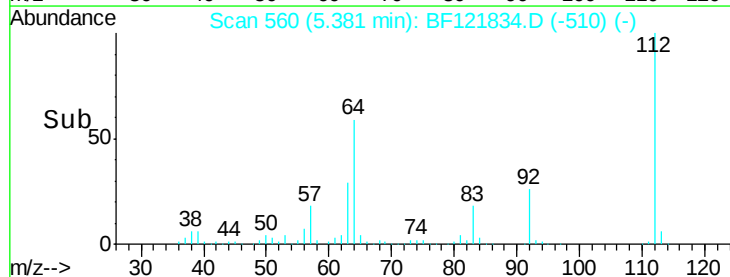
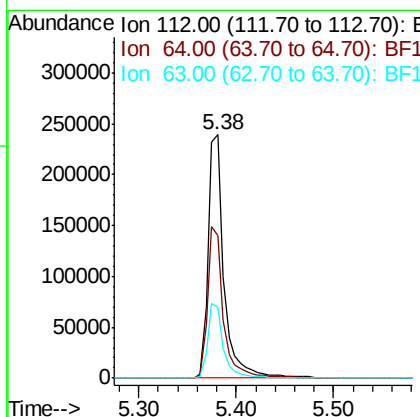
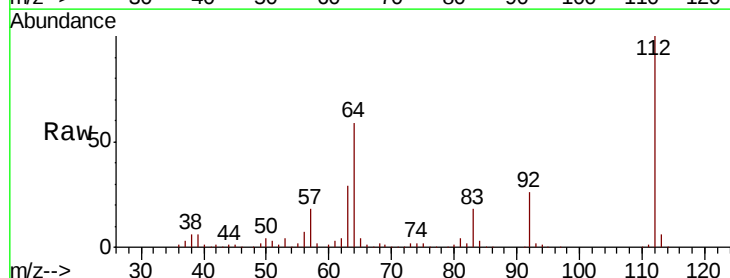
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#5

2-Fluorophenol
Concen: 37.704 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	50.4	75.6
63	29.0	25.8	38.6





#7

Phenol-d6

Concen: 36.086 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121834.D

Acq: 5 Oct 2020 23:58

Instrument :

BNA_F

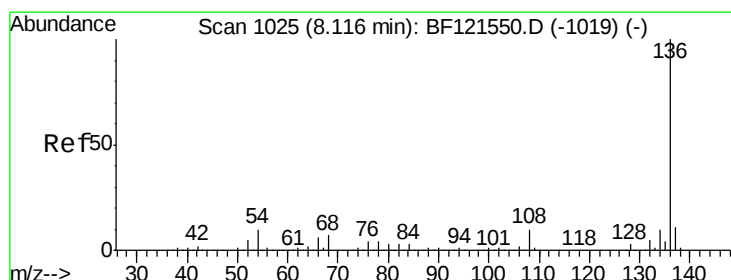
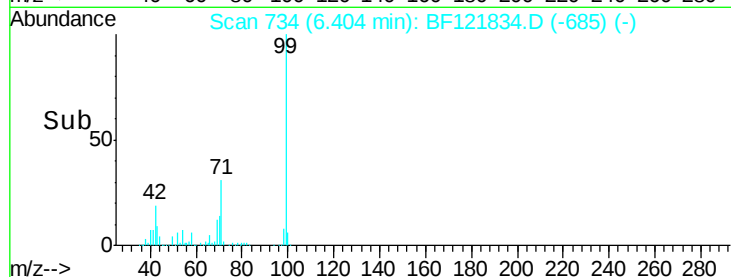
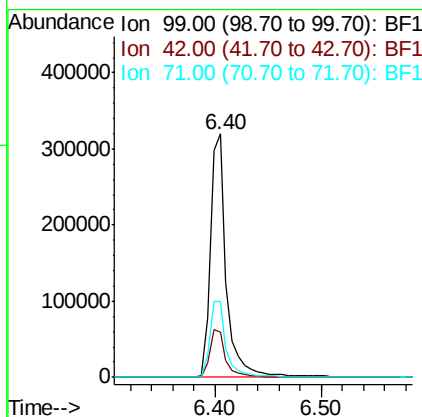
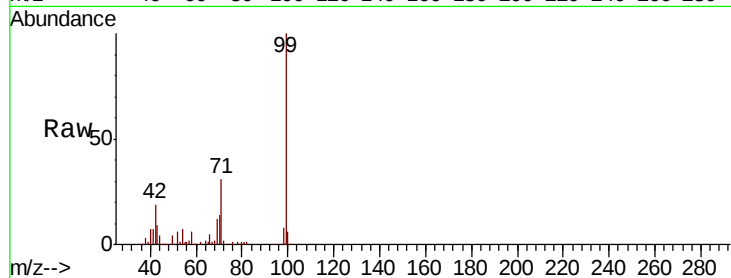
ClientSampleId :

TR-05-100120

Tot Ion:	99	Resp:	341485
Ion Ratio	Lower	Upper	
99	100		
42	18.5	15.9	23.9
71	31.1	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

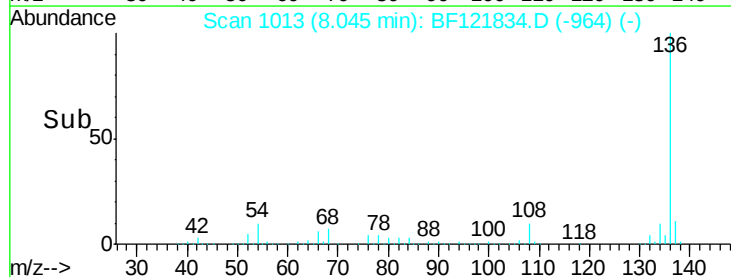
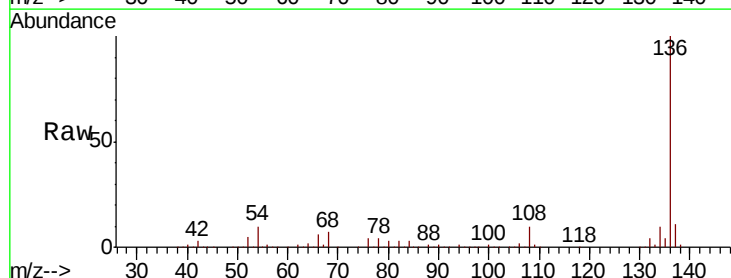
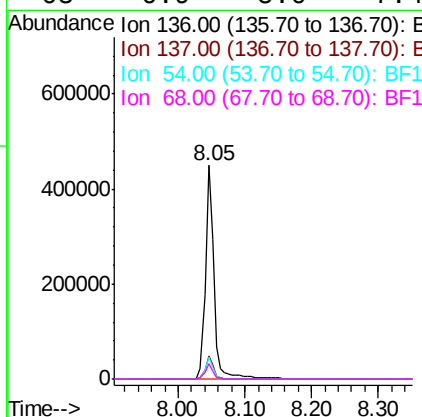
RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121834.D

Acq: 5 Oct 2020 23:58

Tgt Ion:	136	Resp:	396806
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	10.0	7.1	10.7
68	6.9	5.0	7.4





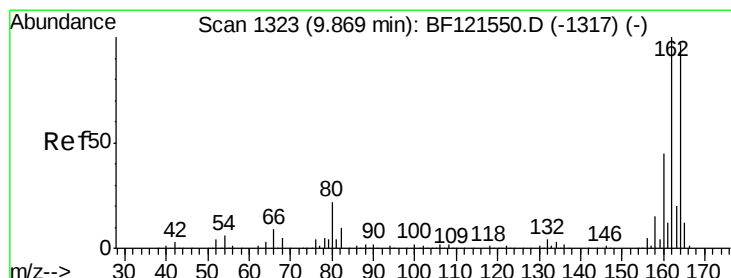
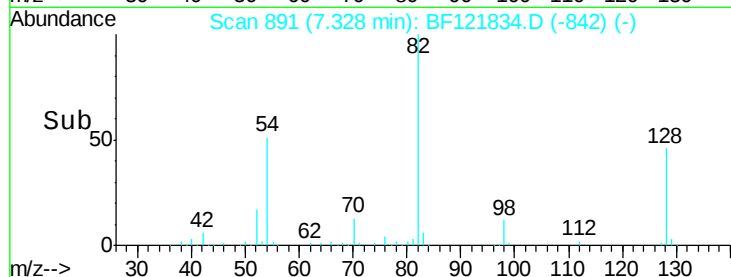
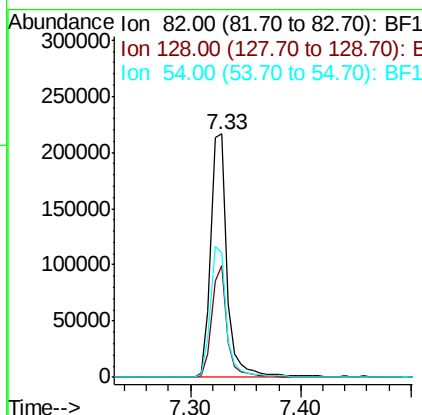
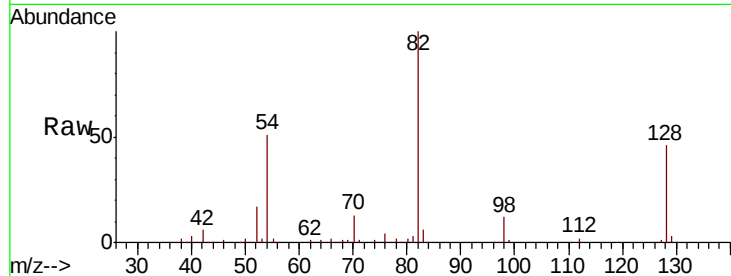
#23
Nitrobenzene-d5
Concen: 29.931 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.0	52.4
54	51.3	43.9	65.9

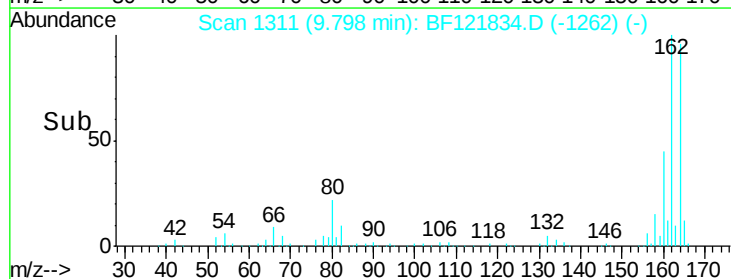
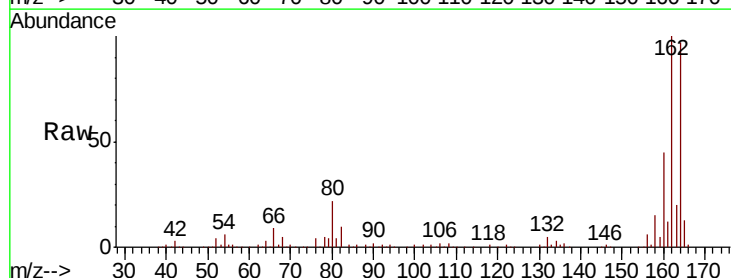
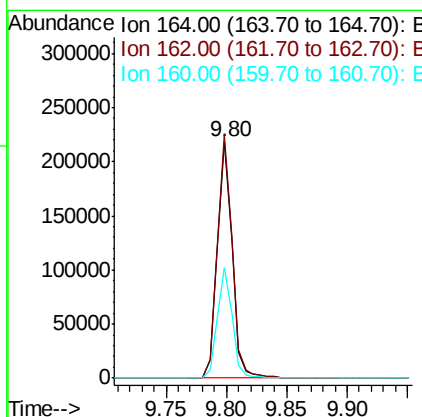
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.2	124.8
160	46.6	37.5	56.3





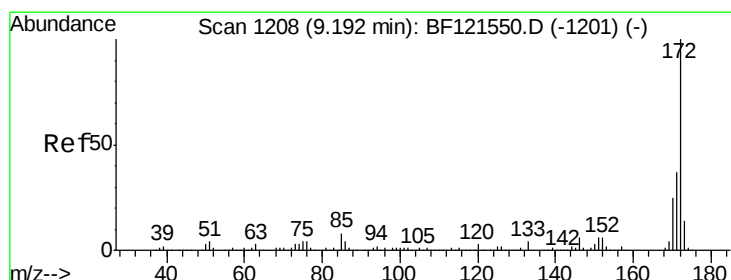
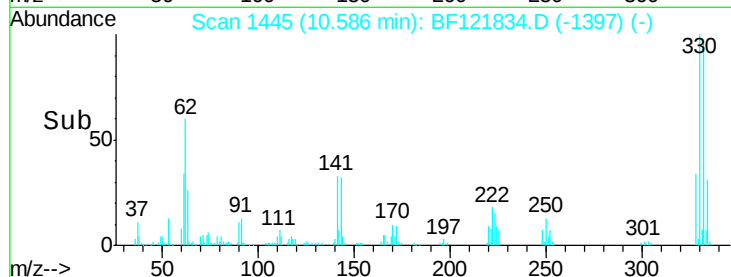
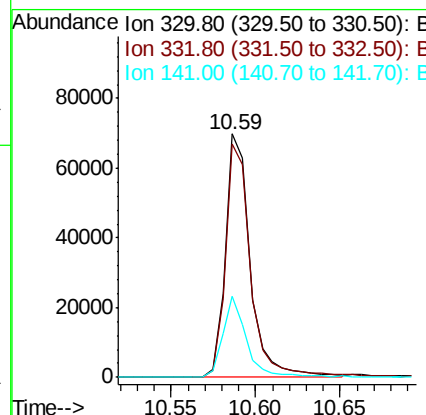
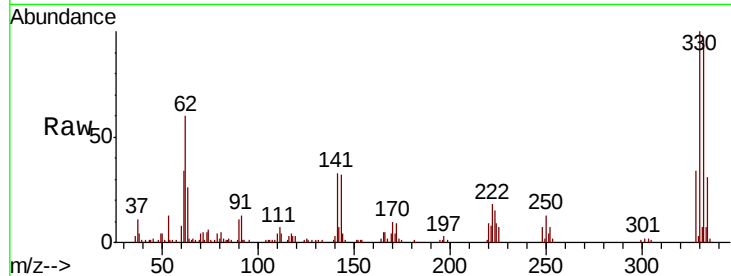
#42
 2,4,6-Tribromophenol
 Concen: 31.626 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121834.D
 Acq: 5 Oct 2020 23:58

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-100120

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	31.8	22.3	33.5

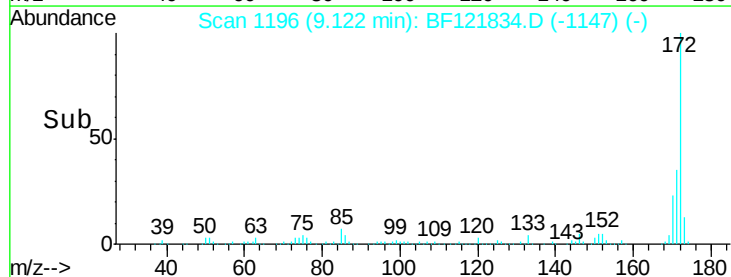
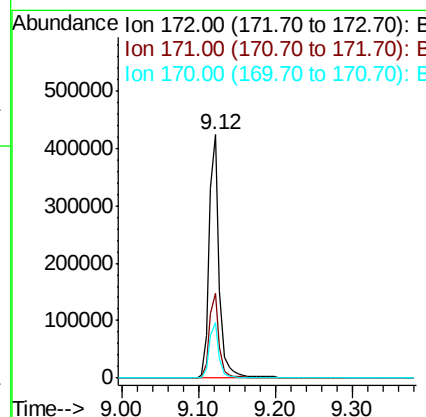
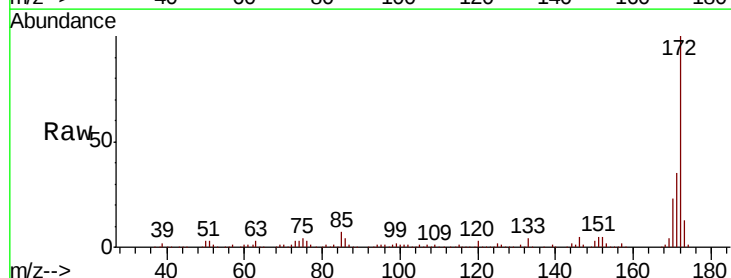
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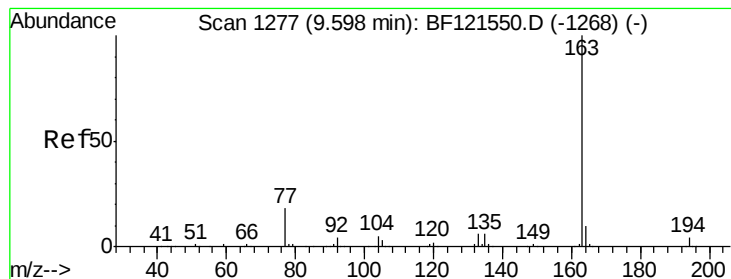
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#45
 2-Fluorobiphenyl
 Concen: 31.972 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121834.D
 Acq: 5 Oct 2020 23:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.1	43.7
170	22.7	19.8	29.6





#50

Dimethylphthalate

Concen: 3.819 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF121834.D

Acq: 5 Oct 2020 23:58

Instrument :

BNA_F

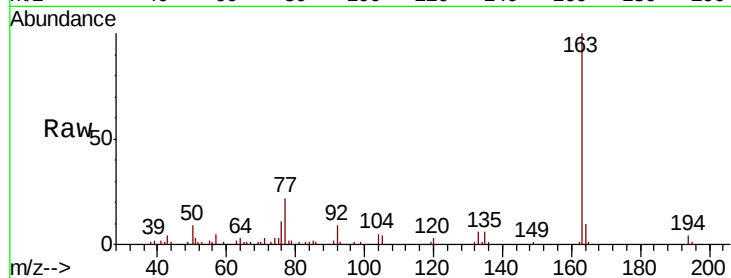
ClientSampleId :

TR-05-100120

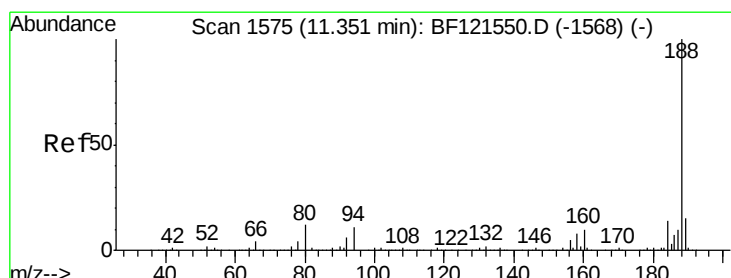
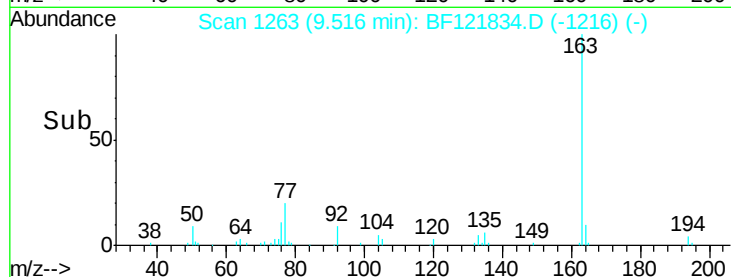
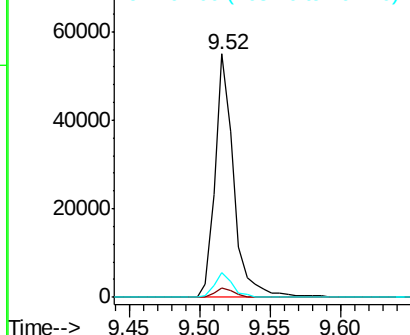
Tot Ion:	163	Resp:	50535
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	10.0	8.2	12.4

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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

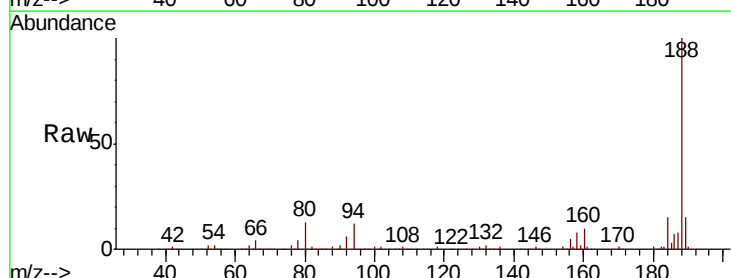
RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

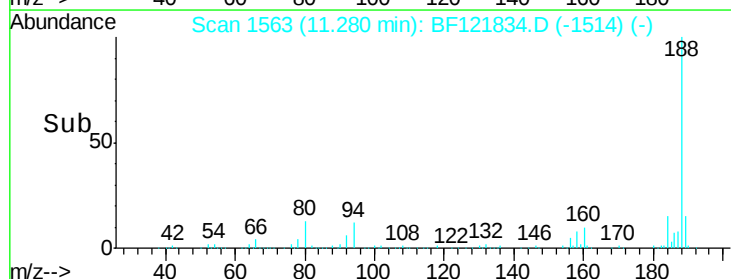
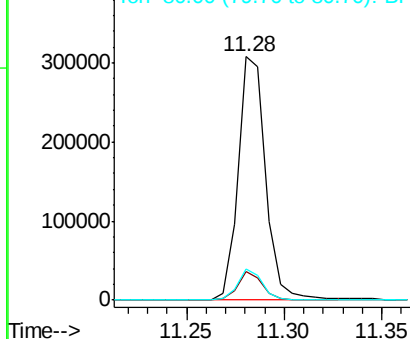
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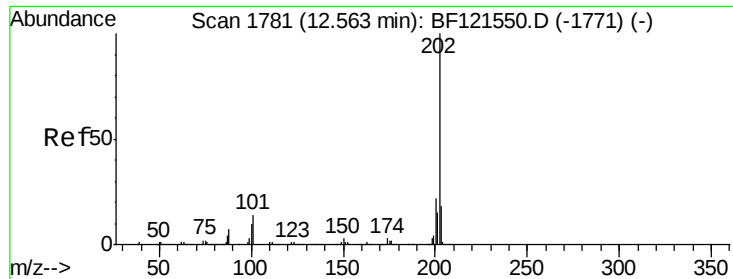
Acq: 5 Oct 2020 23:58

Tgt Ion:	188	Resp:	299023
Ion Ratio	Lower	Upper	
188	100		
94	11.7	8.3	12.5
80	12.6	9.1	13.7



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





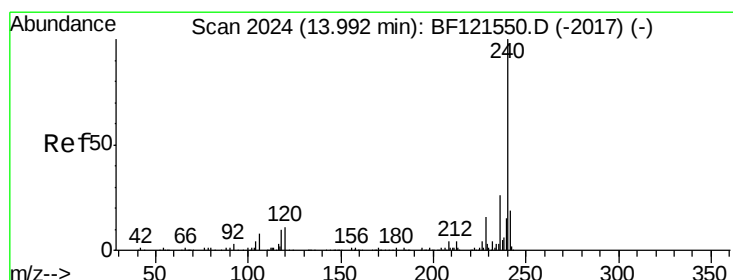
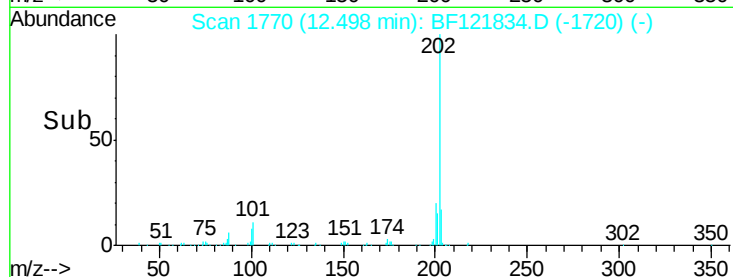
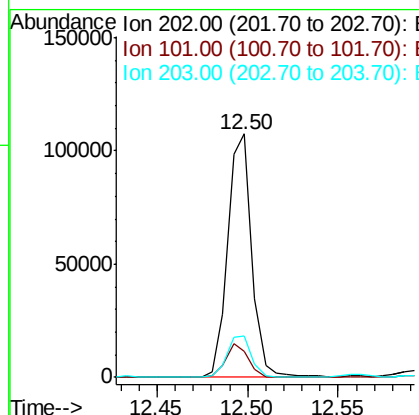
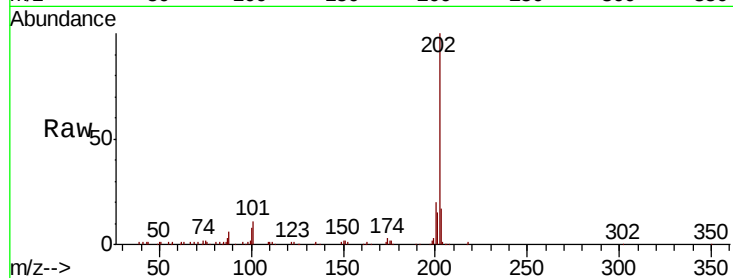
#75
Fluoranthene
Concen: 5.739 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tot Ion:	202	Resp:	99807
Ion Ratio		Lower	Upper
202	100		
101	10.5	0.0	33.4
203	17.0	0.0	37.9

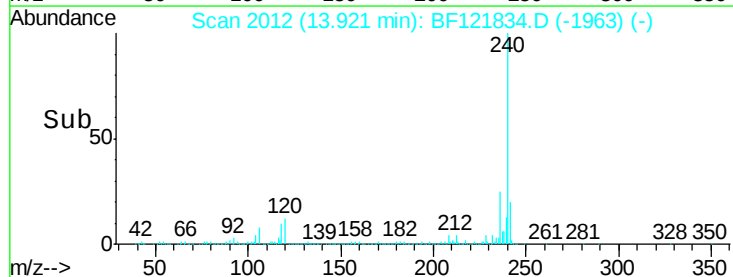
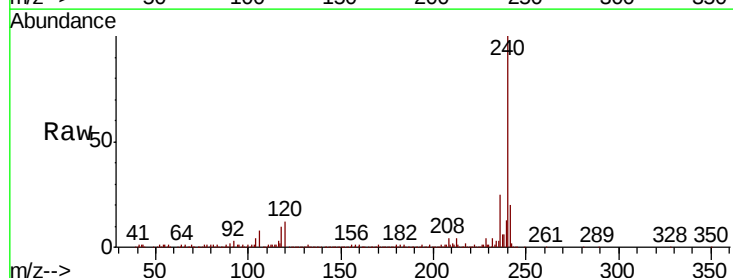
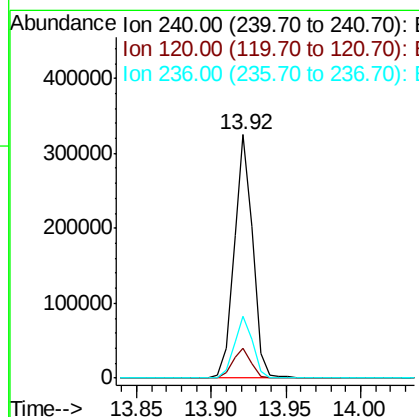
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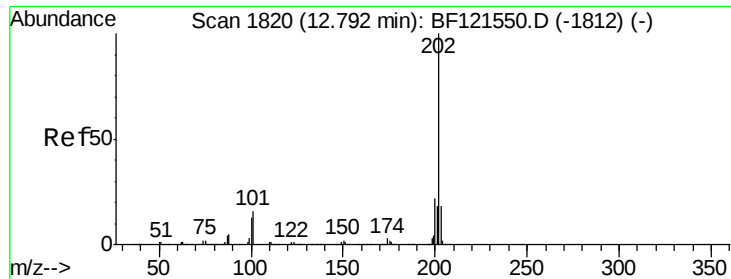
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion:	240	Resp:	284899
Ion Ratio		Lower	Upper
240	100		
120	12.3	9.2	13.8
236	25.4	20.9	31.3





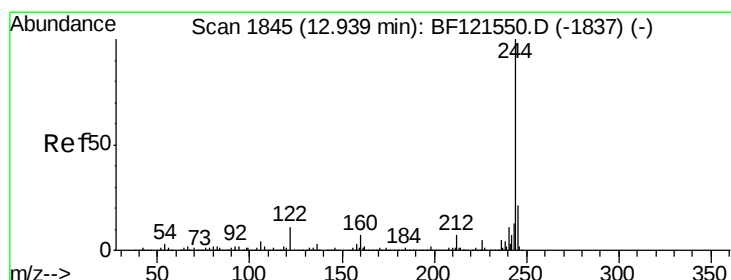
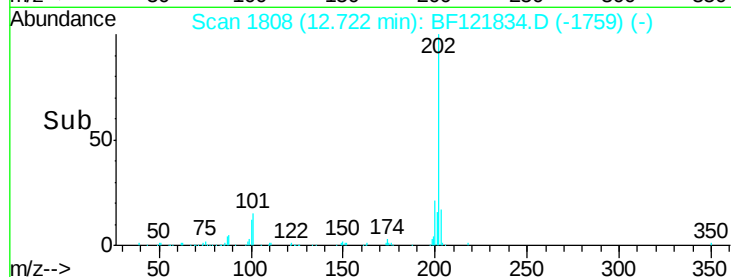
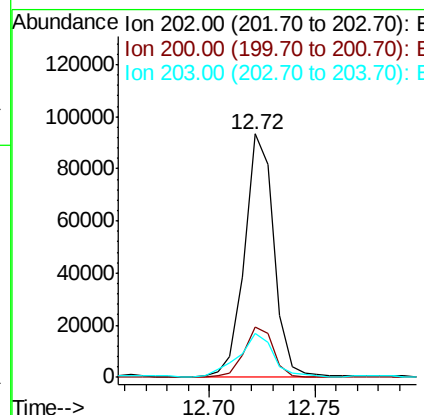
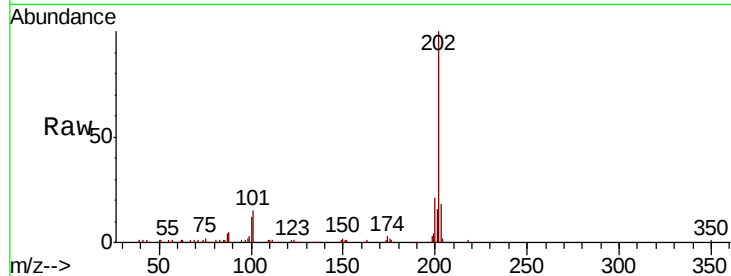
#78
Pvrene
Concen: 4.333 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.9	14.6	21.8

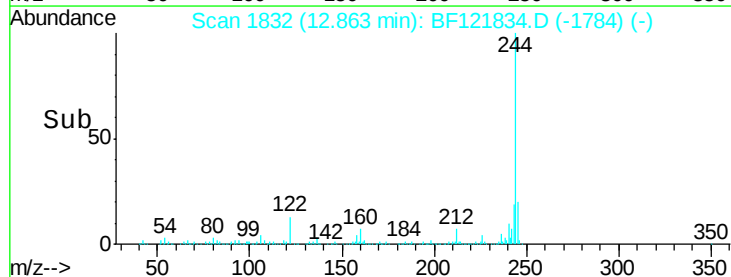
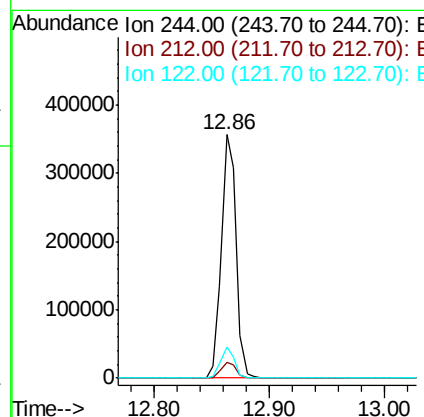
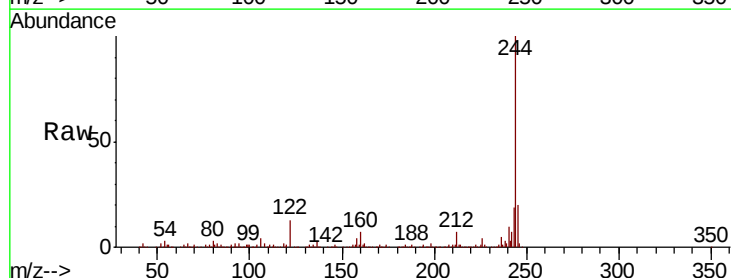
Manual Integrations
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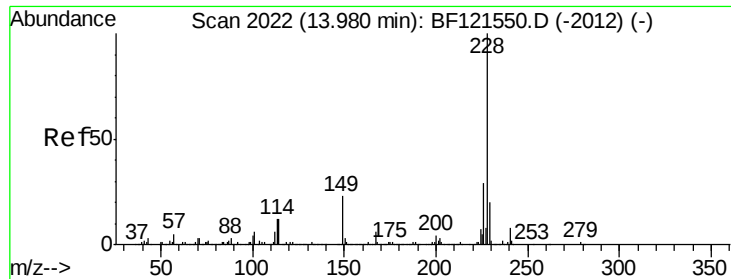
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#79
Terphenyl-d14
Concen: 22.441 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	12.7	8.1	12.1#





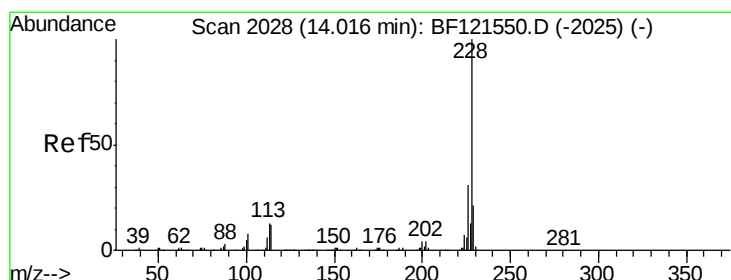
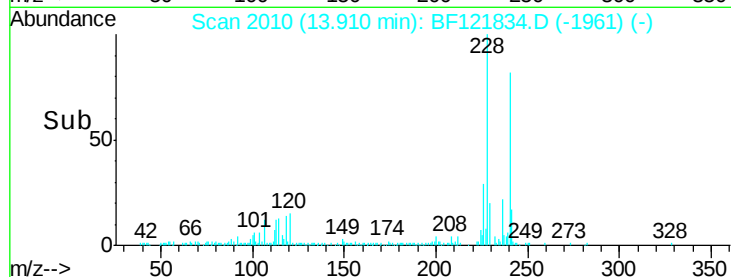
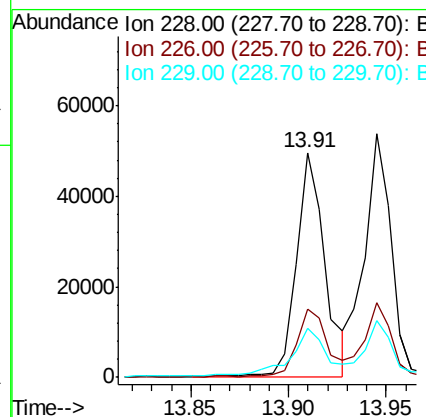
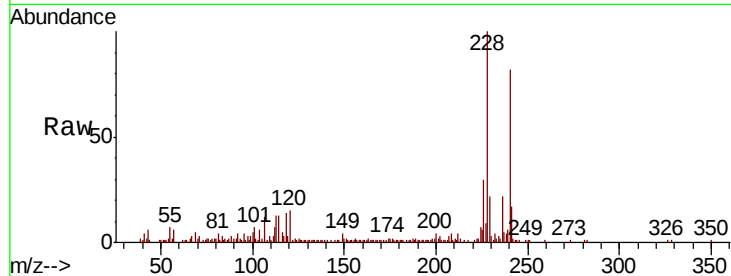
#81
Benzo(a)anthracene
Concen: 2.809 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.3	33.5
229	21.8	16.2	24.4

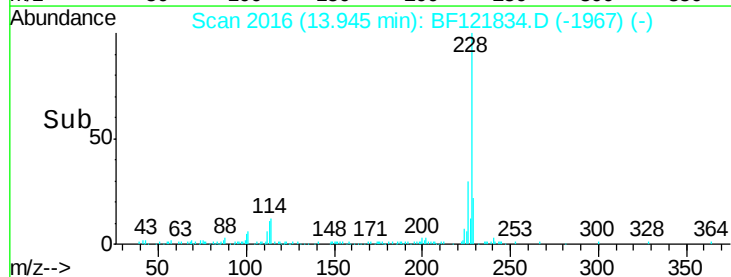
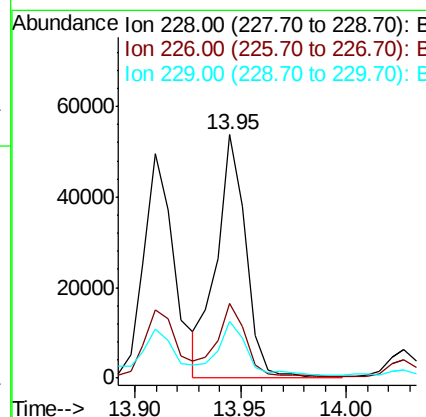
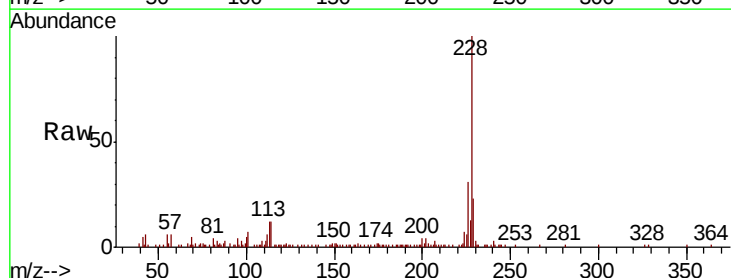
Manual Integrations
APPROVED

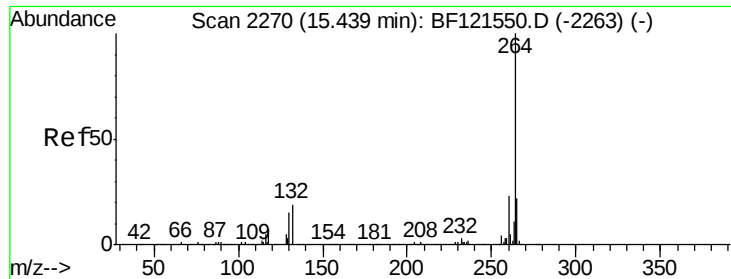
mohammad
10/7/2020 10:36:37 AM



#83
Chrysene
Concen: 2.861 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	23.1	15.9	23.9





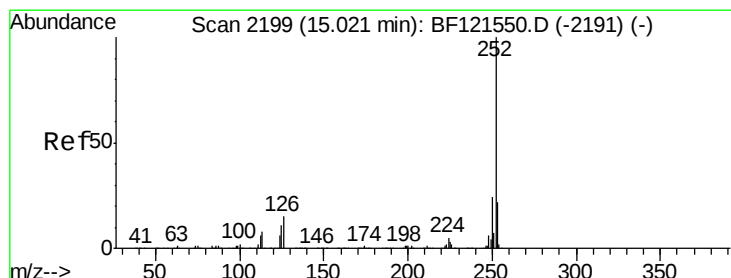
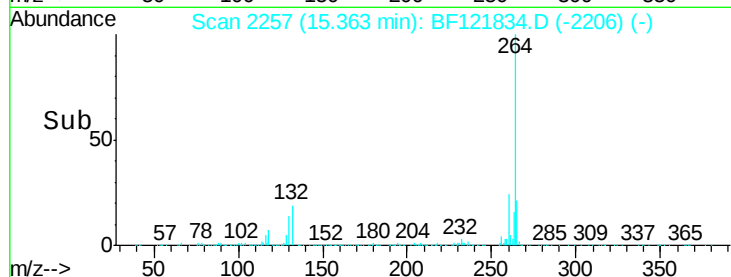
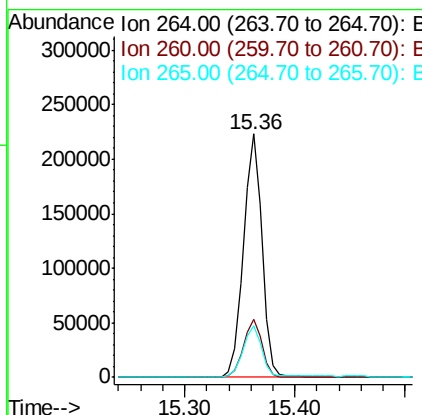
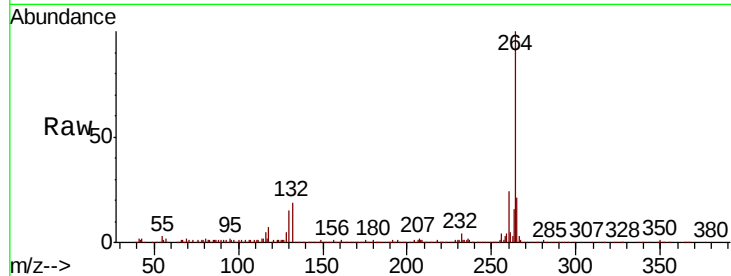
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.2	17.3	25.9

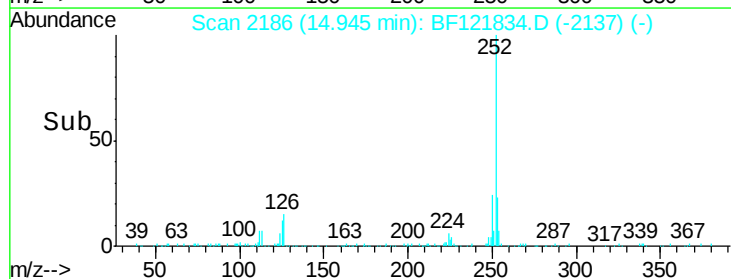
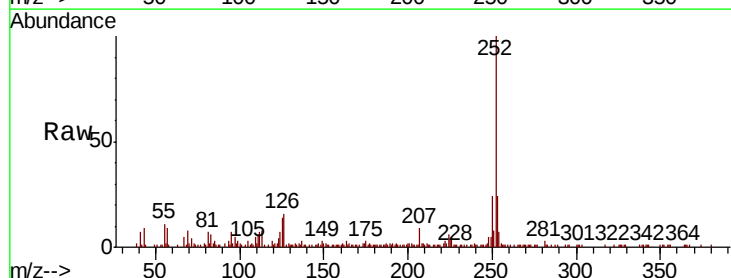
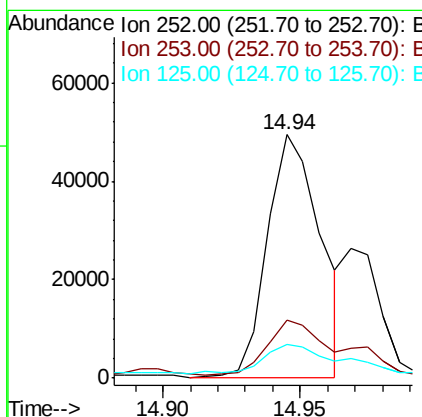
Manual Integrations
APPROVED

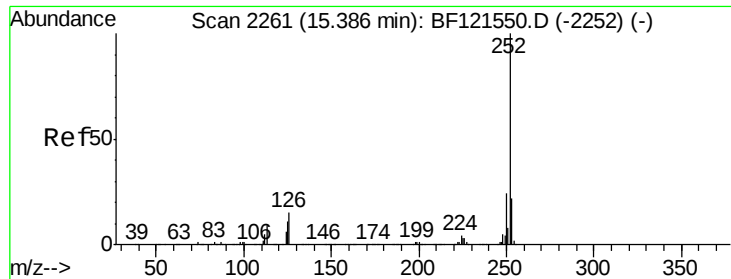
mohammad
10/7/2020 10:36:37 AM



#88
Benzo(b)fluoranthene
Concen: 3.783 ng m
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	13.9	8.0	12.0#





#90
 Benzo(a)pyrene
 Concen: 2.856 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF121834.D
 Acq: 5 Oct 2020 23:58

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-100120

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.3	25.9
125	14.4	8.6	13.0

Manual Integrations
 APPROVED

mohammad
 10/7/2020 10:36:37 AM

