

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121873.D
 Acq On : 7 Oct 2020 14:54
 Operator : JU/CG
 Sample : L4260-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B23-100220-10-19

Manual Integrations
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Quant Time: Oct 07 15:29:04 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	115408	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	445429	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	213160	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	343321	20.00	ng	0.00
76) Chrysene-d12	13.93	240	278685	20.00	ng	0.00
86) Perylene-d12	15.37	264	247617	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	573206	73.81	ng	0.00
7) Phenol-d6	6.41	99	714993	70.18	ng	0.00
23) Nitrobenzene-d5	7.33	82	489375	58.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	158342	59.77	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	823743	58.53	ng	-0.01
79) Terphenyl-d14	12.87	244	641544	46.64	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.52	163	123013	7.962	ng	99
71) Phenanthrene	11.31	178	43214	2.310	ng	99
75) Fluoranthene	12.50	202	60657	3.038	ng	100
78) Pyrene	12.73	202	72705	3.571	ng	98
81) Benzo(a)anthracene	13.92	228	45304	2.570	ng	99
83) Chrysene	13.95	228	38225m	2.141	ng	
88) Benzo(b)fluoranthene	14.96	252	49576m	2.995	ng	
90) Benzo(a)pyrene	15.31	252	42160	2.996	ng	# 90

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

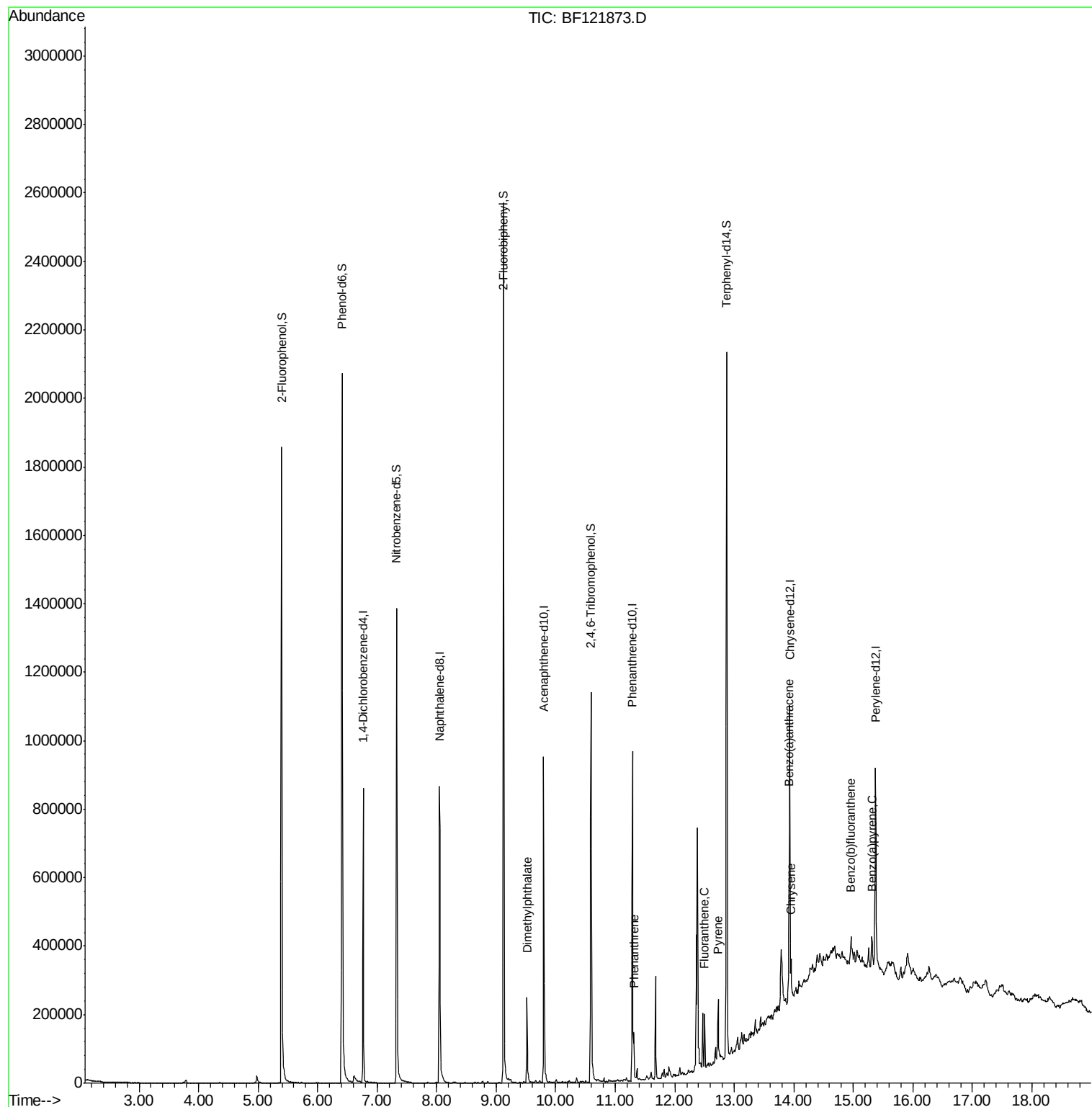
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121873.D
Acq On : 7 Oct 2020 14:54
Operator : JU/CG
Sample : L4260-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

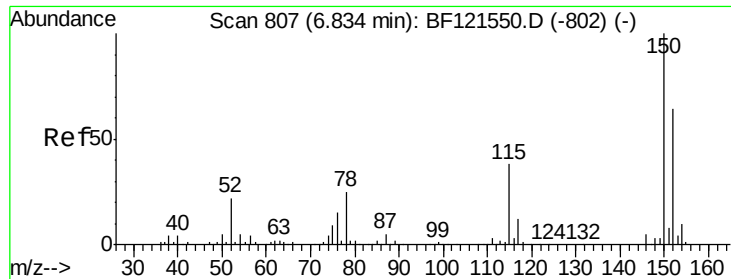
Instrument :
BNA_F
ClientSampleId :
PAV-B23-100220-10-19

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Quant Time: Oct 07 15:29:04 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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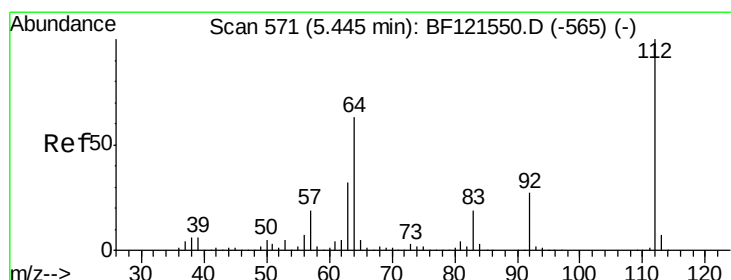
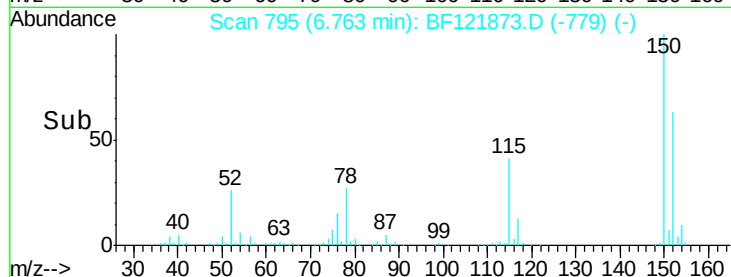
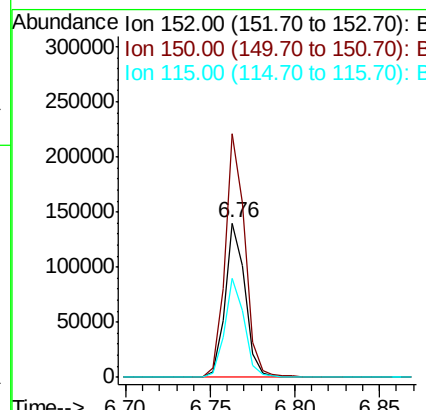
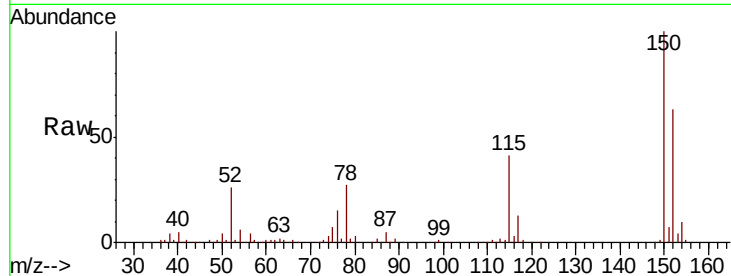
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF121873.D
 Acq: 7 Oct 2020 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B23-100220-10-19

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.3	187.9
115	64.6	51.9	77.9

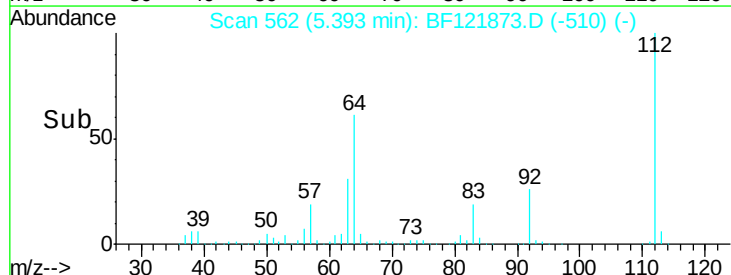
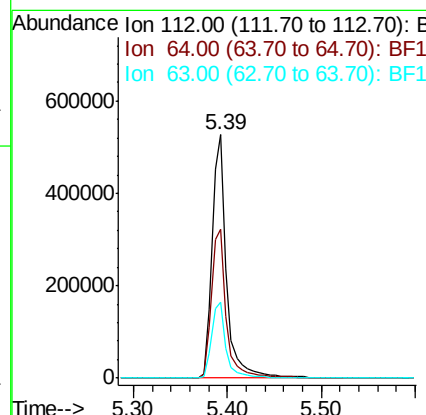
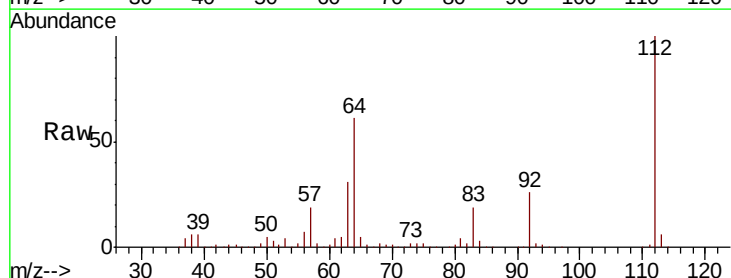
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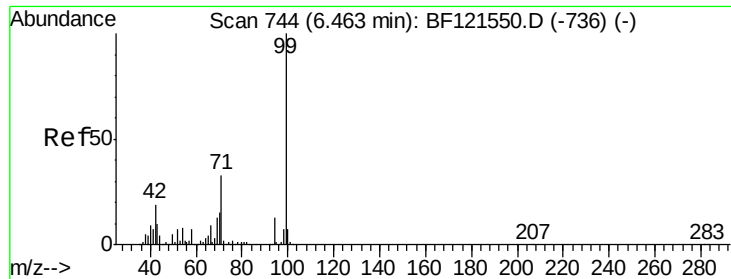
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#5
 2-Fluorophenol
 Concen: 73.813 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF121873.D
 Acq: 7 Oct 2020 14:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	50.4	75.6
63	31.0	25.8	38.6





#7

Phenol-d6

Concen: 70.179 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121873.D

Acq: 7 Oct 2020 14:54

Instrument :

BNA_F

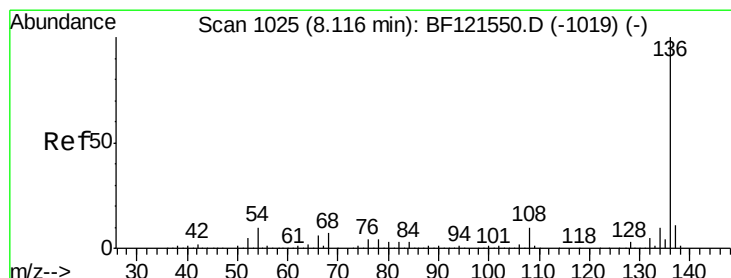
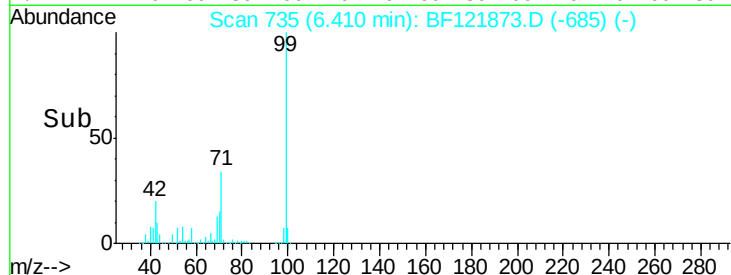
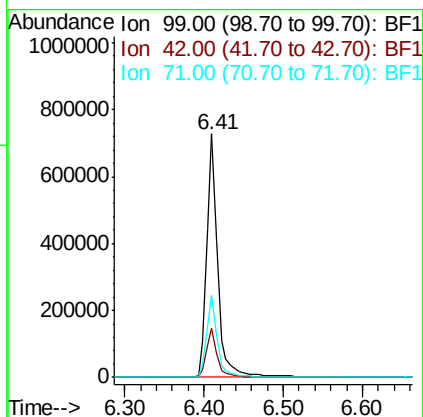
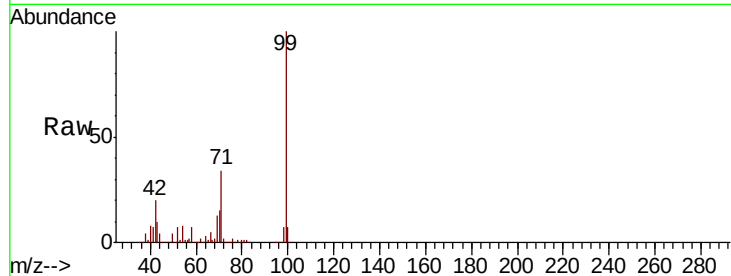
ClientSampleId :

PAV-B23-100220-10-19

Tot Ion:	99	Resp:	714993
Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.9	23.9
71	33.8	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

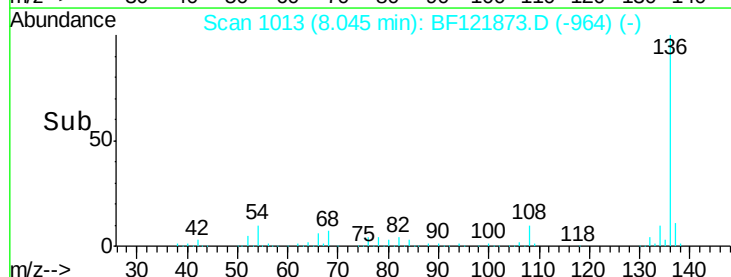
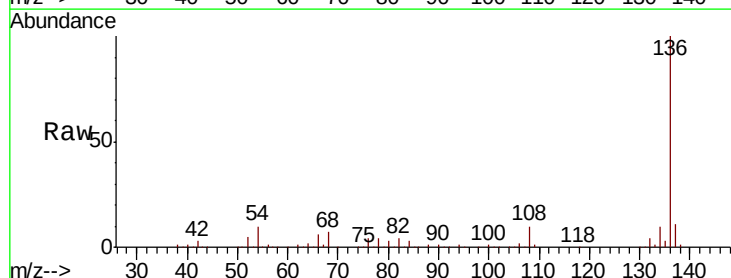
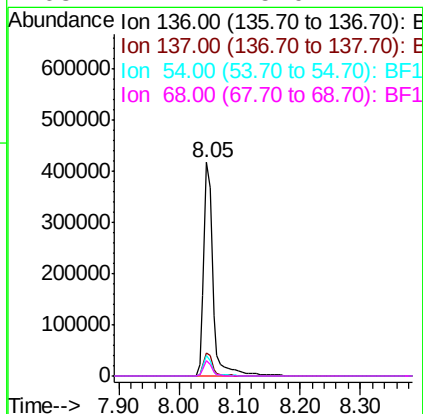
RT: 8.05 min Scan# 1013

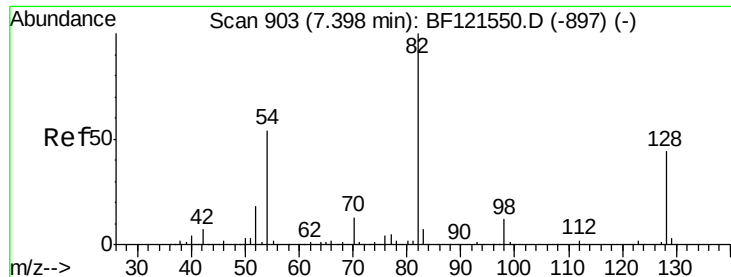
Delta R.T. -0.01 min

Lab File: BF121873.D

Acq: 7 Oct 2020 14:54

Tgt Ion:	136	Resp:	445429
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.6	7.1	10.7
68	7.1	5.0	7.4





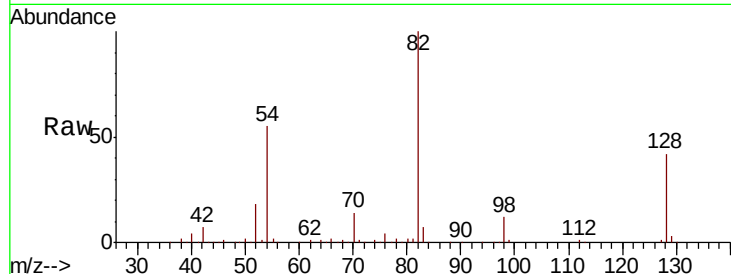
#23
Nitrobenzene-d5
Concen: 58.989 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121873.D
Acq: 7 Oct 2020 14:54

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	82	Resp	489375
Ion Ratio	100	Lower	Upper
128	41.9	35.0	52.4
54	54.9	43.9	65.9

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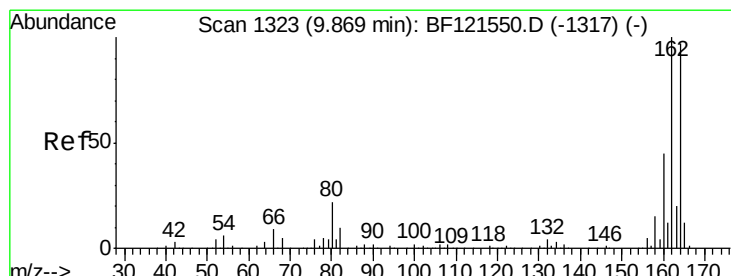
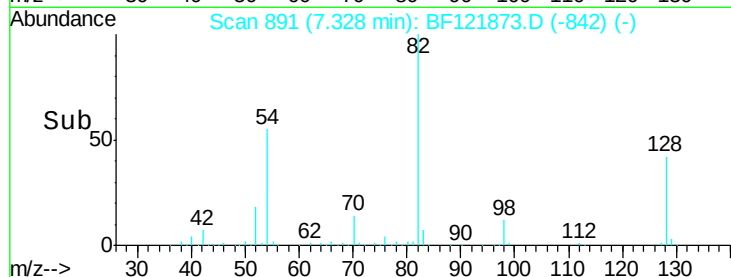
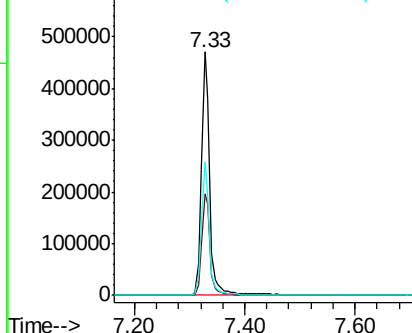


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121873.D
Acq: 7 Oct 2020 14:54

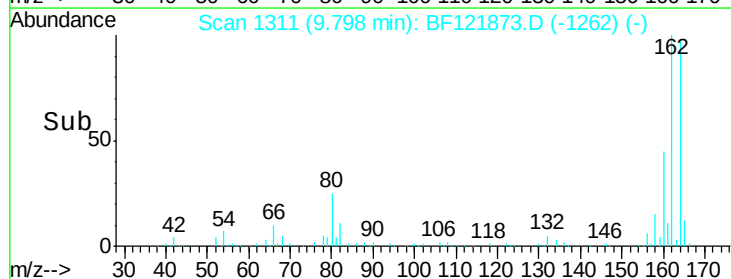
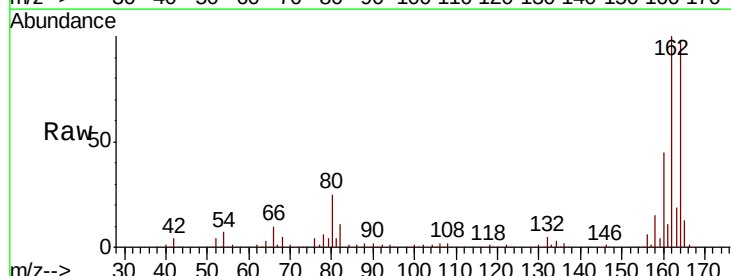
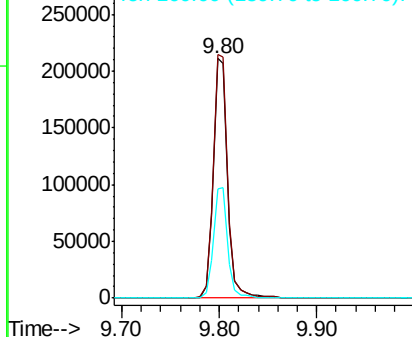
Tgt Ion	164	Resp	213160
Ion Ratio	100	Lower	Upper
162	101.6	83.2	124.8
160	45.7	37.5	56.3

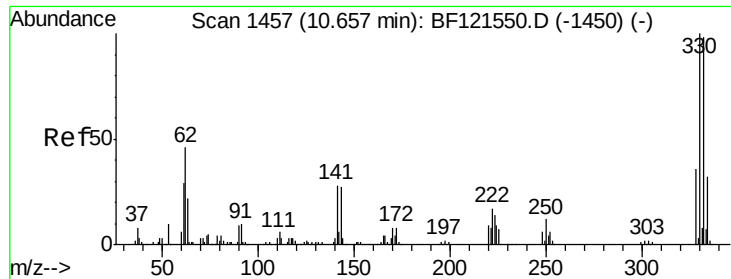
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 59.768 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121873.D

Acq: 7 Oct 2020 14:54

Instrument :

BNA_F

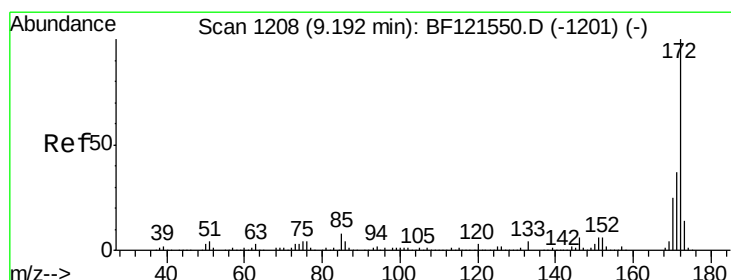
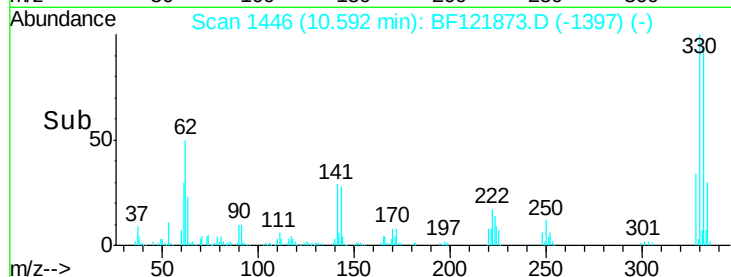
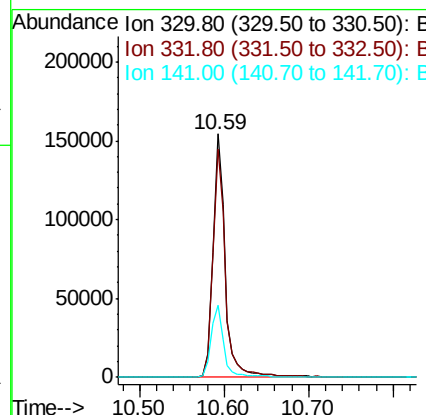
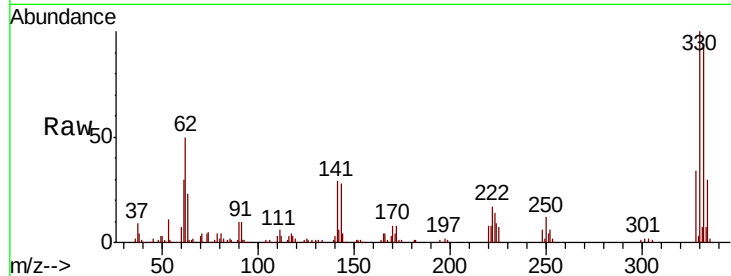
ClientSampleId :

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Tot Ion:	330	Resp:	158342
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.3	115.9
141	30.5	22.3	33.5

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#45

2-Fluorobiphenyl

Concen: 58.528 ng

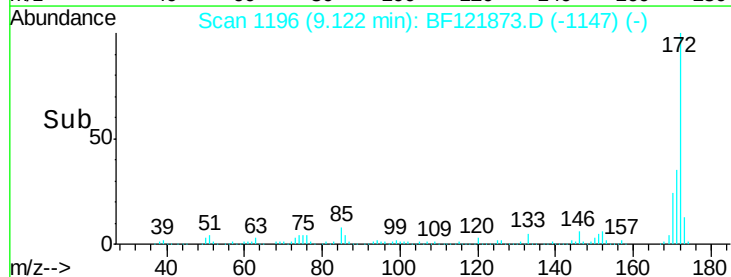
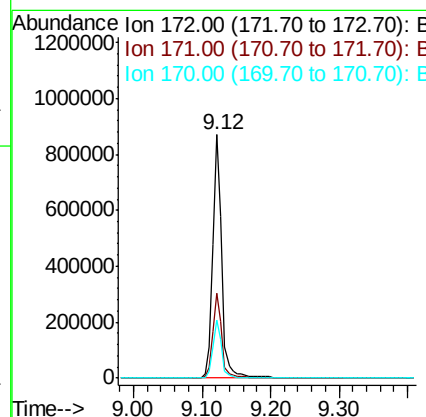
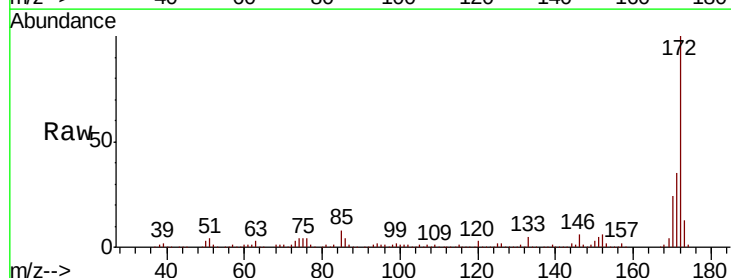
RT: 9.12 min Scan# 1196

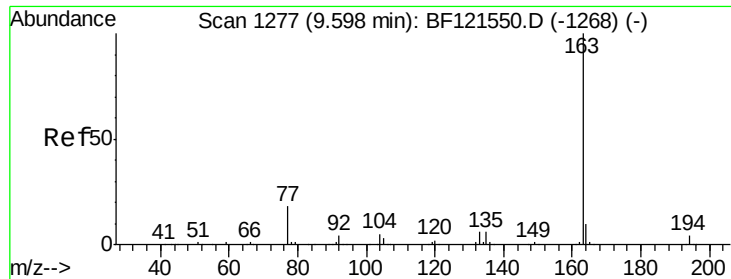
Delta R.T. -0.01 min

Lab File: BF121873.D

Acq: 7 Oct 2020 14:54

Tgt Ion:	172	Resp:	823743
Ion Ratio	Lower	Upper	
172	100		
171	34.9	29.1	43.7
170	23.7	19.8	29.6





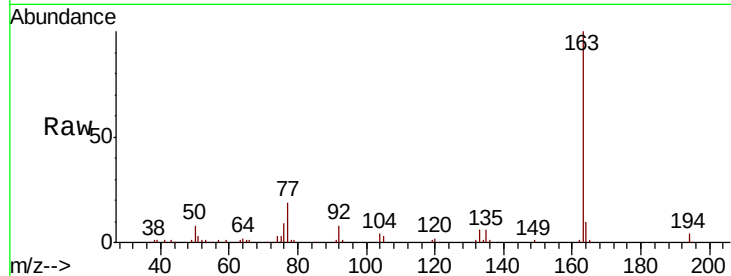
#50
Dimethylphthalate
Concen: 7.962 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF121873.D
Acq: 7 Oct 2020 14:54

Instrument :
BNA_F
ClientSampleId :
PAV-B23-100220-10-19

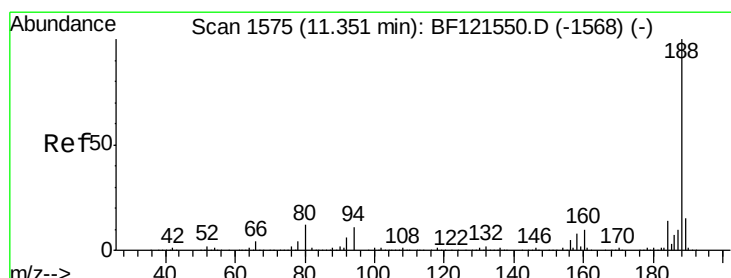
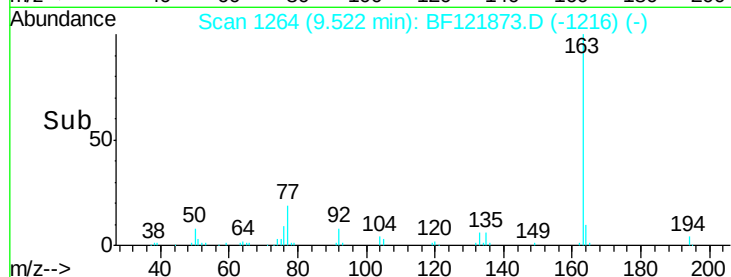
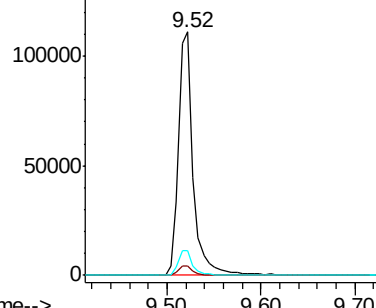
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	8.2	12.4

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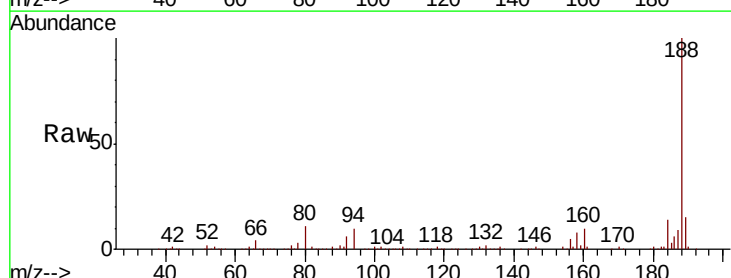


Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

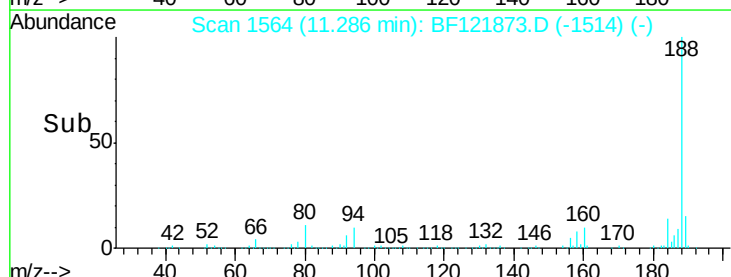
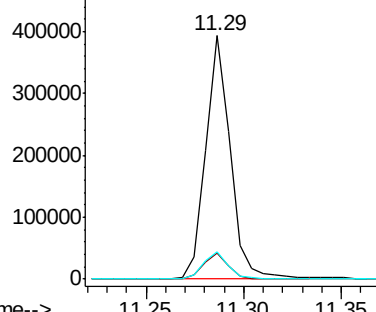


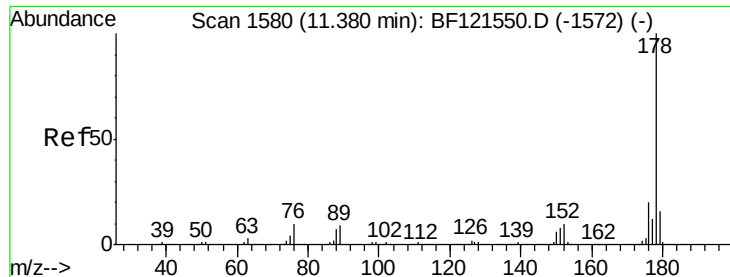
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121873.D
Acq: 7 Oct 2020 14:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	11.2	9.1	13.7



Abundance Ion 188.00 (187.70 to 188.70): E
500000 Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





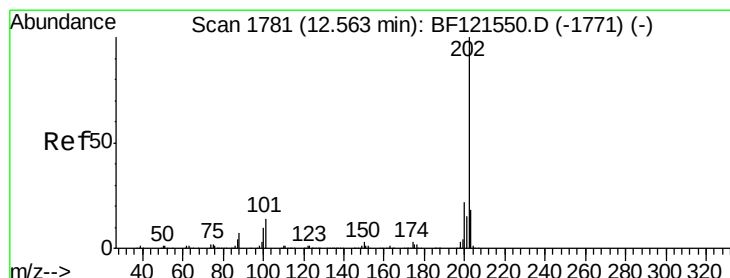
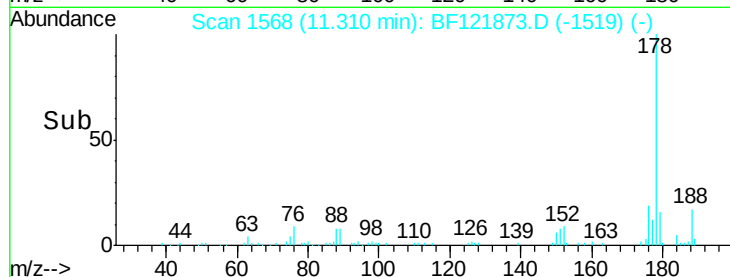
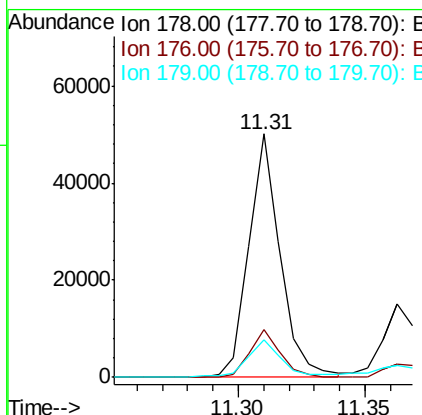
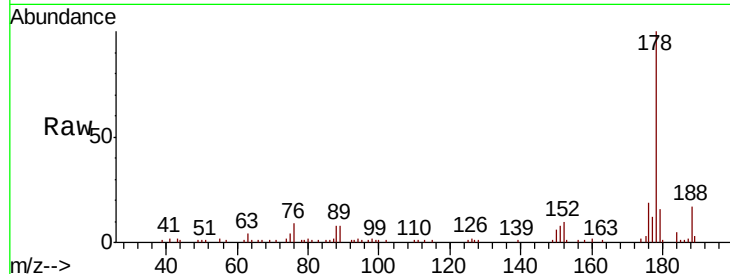
#71
Phenanthrene
Concen: 2.310 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF121873.D
Acq: 7 Oct 2020 14:54

Instrument :
BNA_F
ClientSampleId :
PAV-B23-100220-10-19

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.6	12.2	18.4

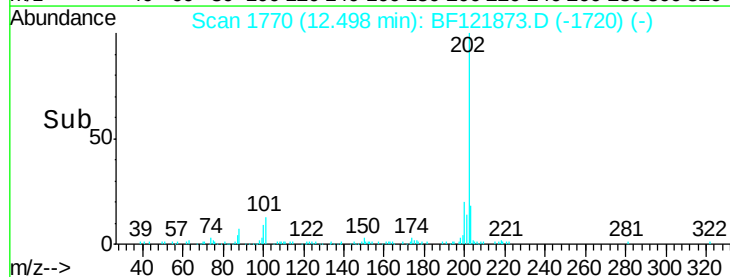
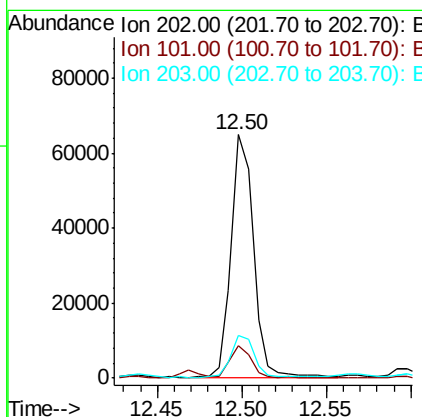
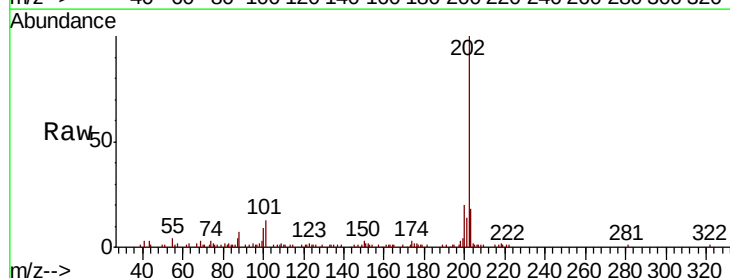
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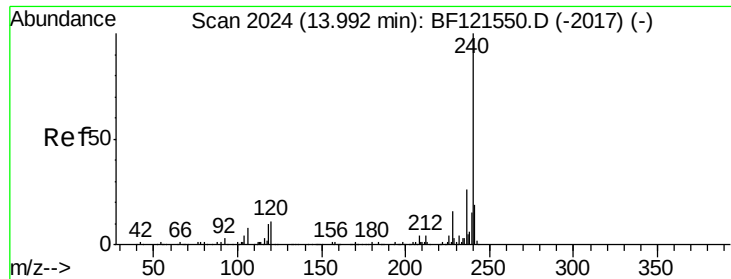
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#75
Fluoranthene
Concen: 3.038 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF121873.D
Acq: 7 Oct 2020 14:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.4
203	17.7	0.0	37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF121873.D

Acq: 7 Oct 2020 14:54

Instrument :

BNA_F

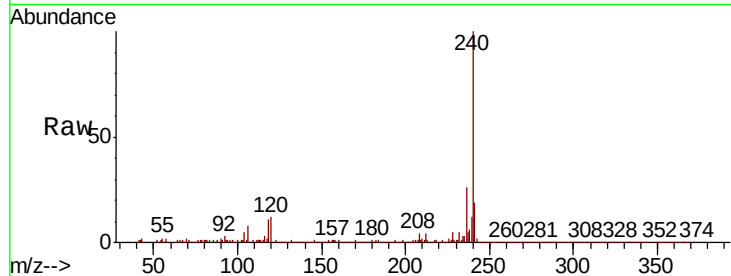
ClientSampleId :

PAV-B23-100220-10-19

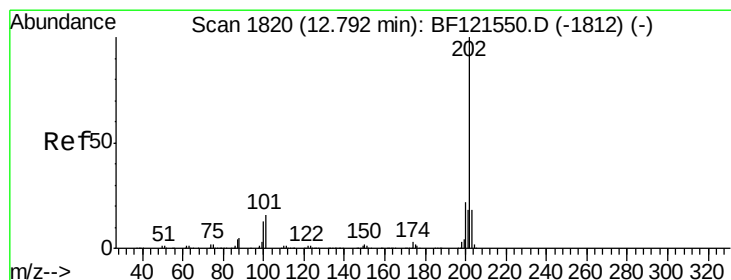
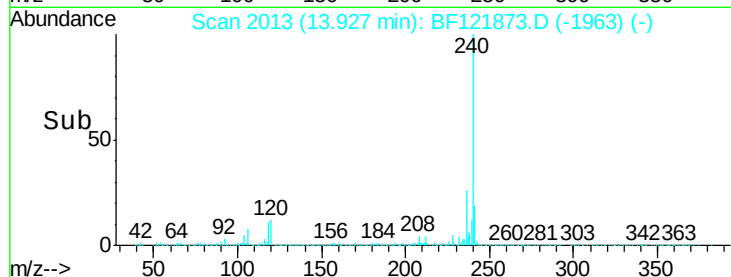
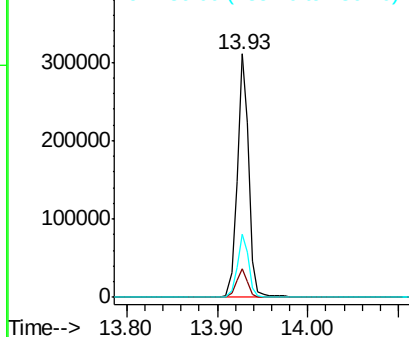
Tot Ion:	240	Resp:	278685
Ion Ratio		Lower	Upper
240	100		
120	11.7	9.2	13.8
236	25.8	20.9	31.3

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 3.571 ng

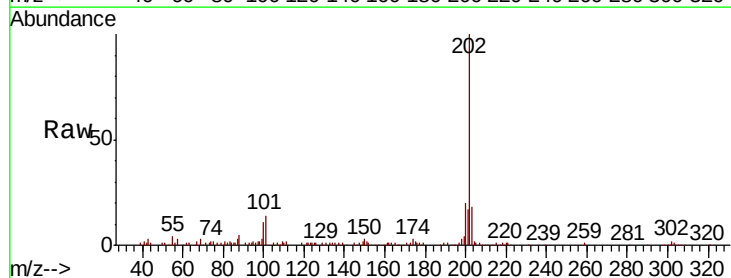
RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

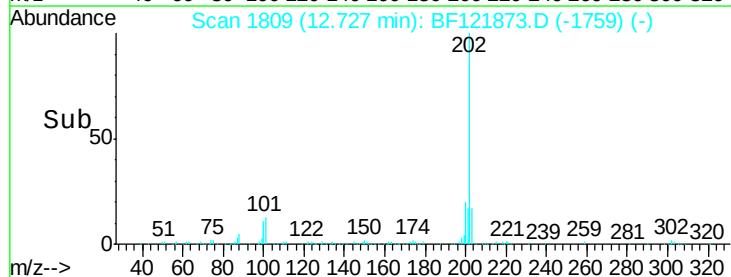
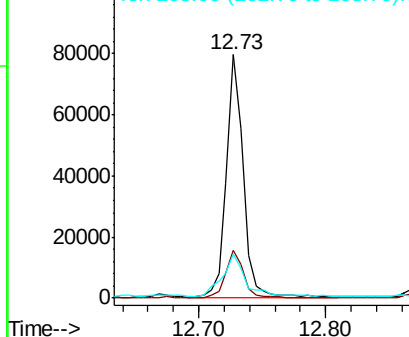
Lab File: BF121873.D

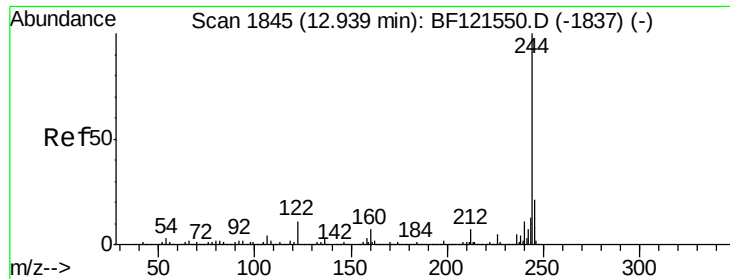
Acq: 7 Oct 2020 14:54

Tgt Ion:	202	Resp:	72705
Ion Ratio		Lower	Upper
202	100		
200	19.9	17.4	26.2
203	17.9	14.6	21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





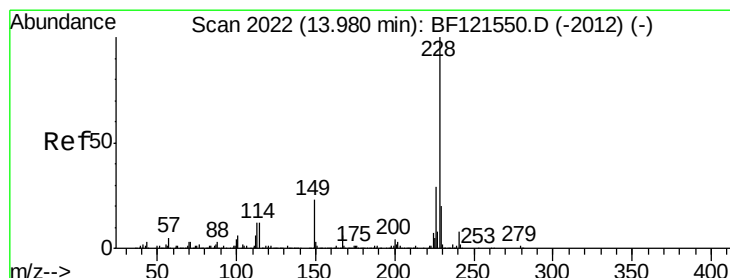
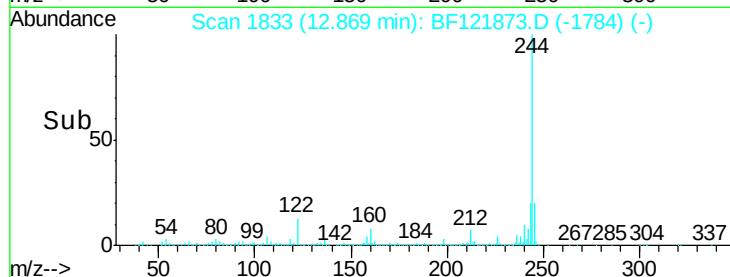
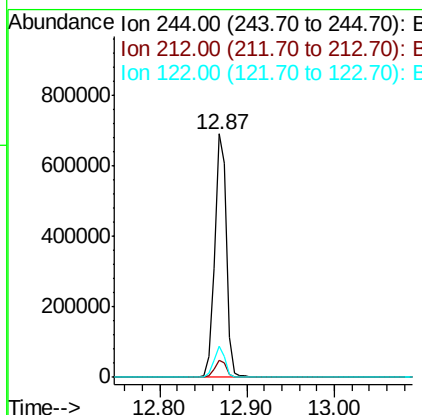
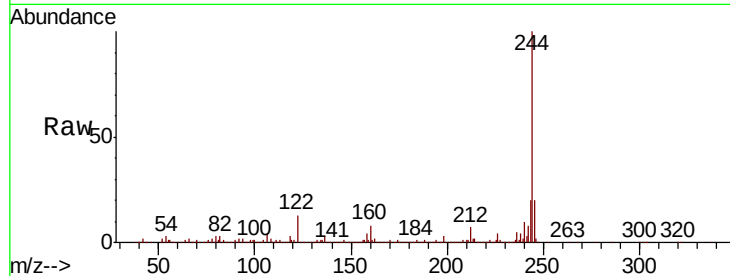
#79
 Terphenyl-d14
 Concen: 46.637 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF121873.D
 Acq: 7 Oct 2020 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B23-100220-10-19

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	12.7	8.1	12.1

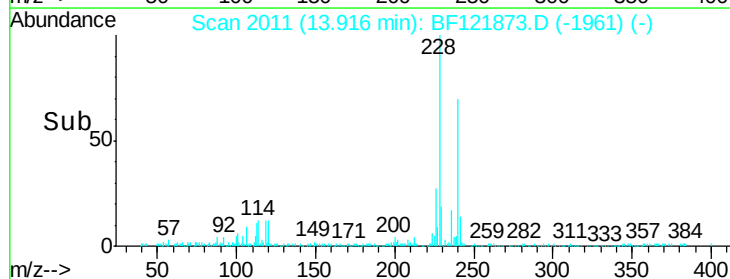
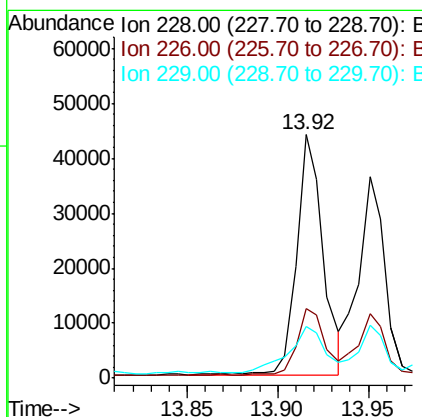
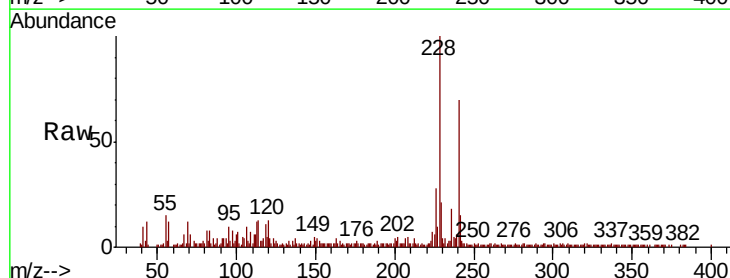
Manual Integrations
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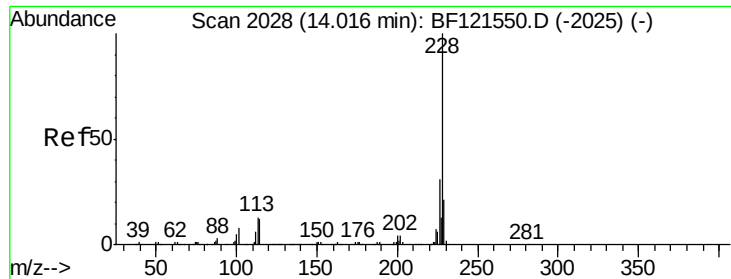
mohammad
 10/8/2020 12:29:17 PM



#81
 Benzo(a)anthracene
 Concen: 2.570 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF121873.D
 Acq: 7 Oct 2020 14:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	21.2	16.2	24.4





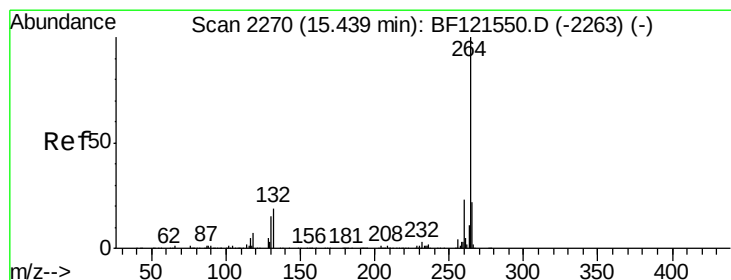
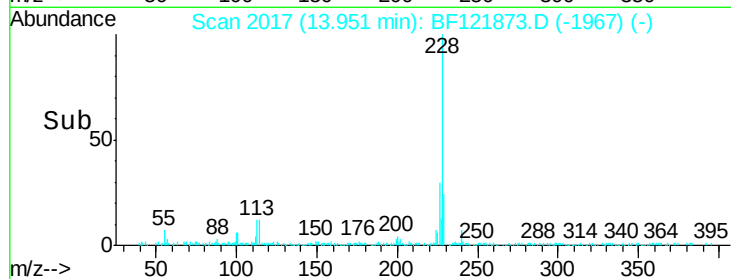
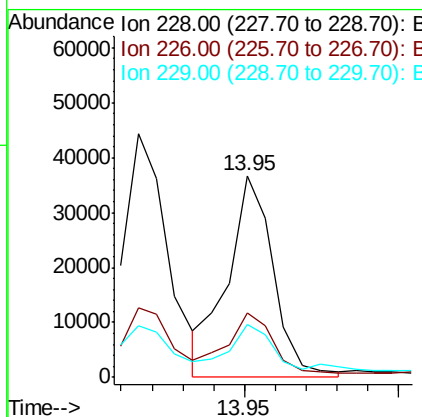
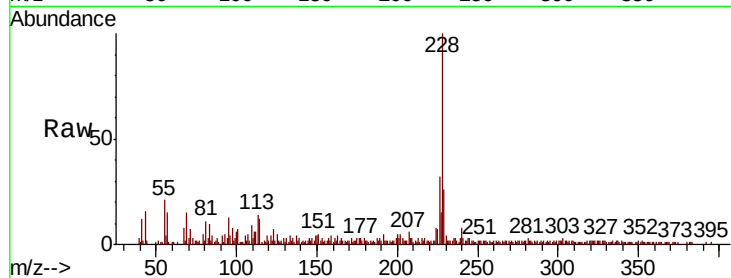
#83
Chrysene
Concen: 2.141 ng/mL
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF121873.D
Acq: 7 Oct 2020 14:54

Instrument :
BNA_F
ClientSampleId :
PAV-B23-100220-10-19

Tot Ion:	228	Resp:	38225
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.6	37.0
229	26.1	15.9	23.9

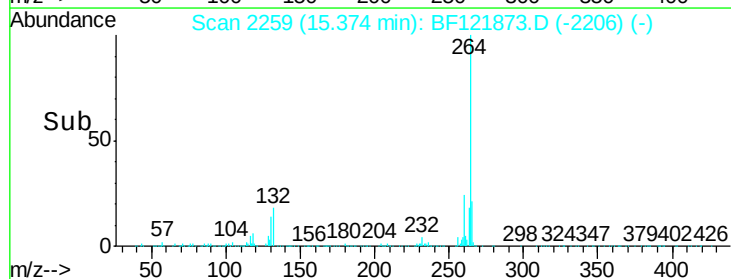
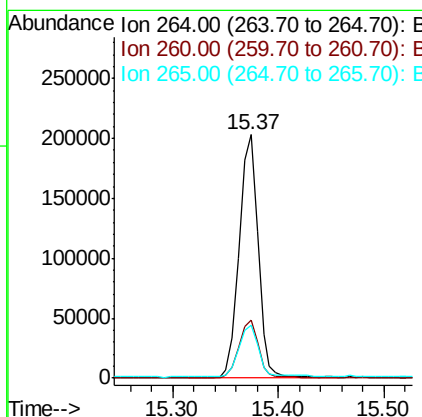
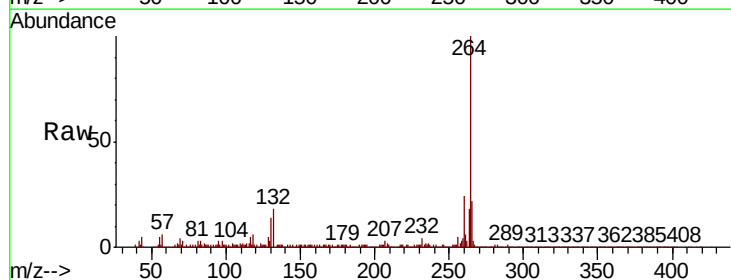
Manual Integrations
APPROVED

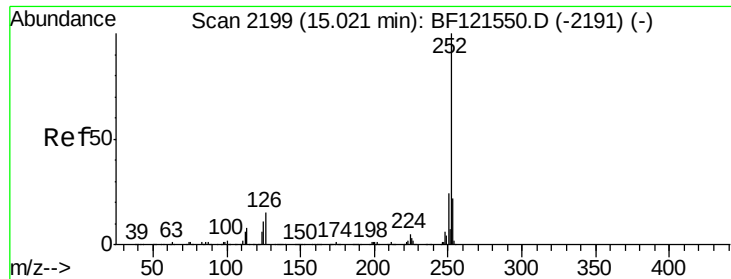
mohammad
10/8/2020 12:29:17 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF121873.D
Acq: 7 Oct 2020 14:54

Tgt Ion:	264	Resp:	247617
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.7	28.1
265	21.7	17.3	25.9





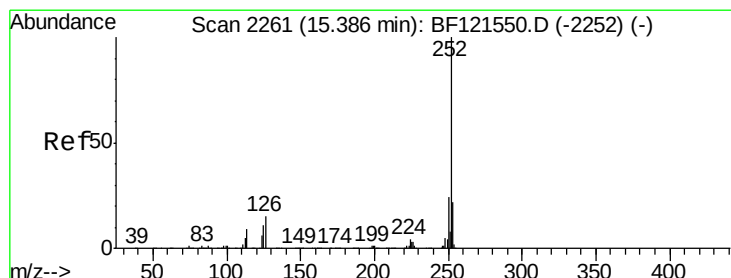
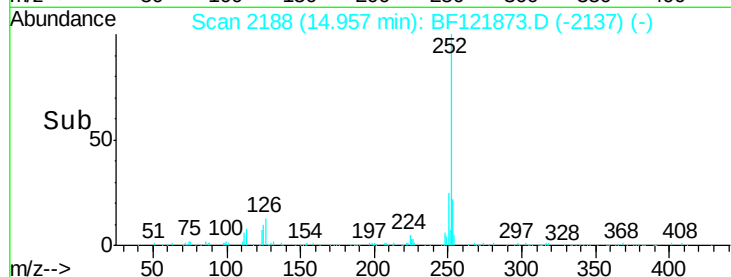
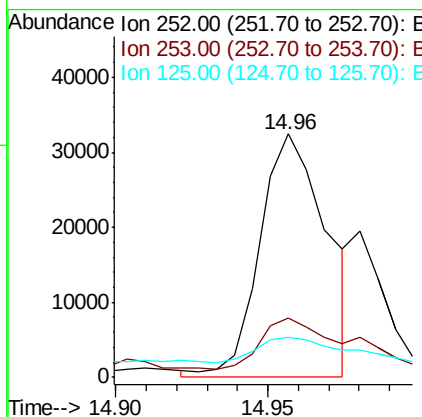
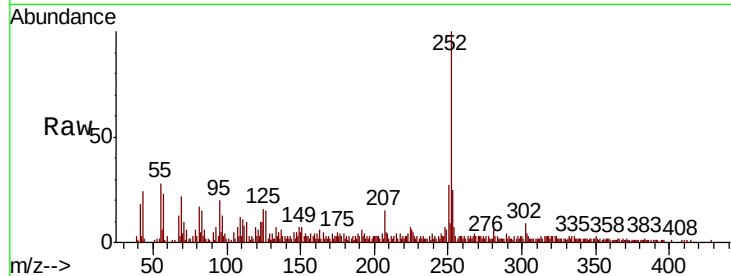
#88
Benzo(b)fluoranthene
Concen: 2.995 ng m
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF121873.D
Acq: 7 Oct 2020 14:54

Instrument :
BNA_F
ClientSampleId :
PAV-B23-100220-10-19

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	16.3	8.0	12.0

Manual Integrations
APPROVED

mohammad
10/8/2020 12:29:17 PM



#90
Benzo(a)pyrene
Concen: 2.996 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF121873.D
Acq: 7 Oct 2020 14:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.3	25.9
125	15.6	8.6	13.0

