

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF092220\
 Data File : BF121664.D
 Acq On : 23 Sep 2020 3:35
 Operator : JU/CG
 Sample : L4104-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-092120-DP

Manual Integrations
 APPROVED

mohammad
 9/23/2020 10:43:38 AM

Quant Time: Sep 29 14:22:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	153090	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	581631	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	283887	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	426055	20.00	ng	0.00
76) Chrysene-d12	13.97	240	284022	20.00	ng	0.00
86) Perylene-d12	15.44	264	299518	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	804205	78.07	ng	0.00
7) Phenol-d6	6.45	99	1042421	77.13	ng	0.00
23) Nitrobenzene-d5	7.37	82	704272	65.01	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	260076	73.71	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1203963	64.23	ng	0.00
79) Terphenyl-d14	12.92	244	814254	58.08	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	183245	8.906	ng	100
71) Phenanthrene	11.36	178	134933	5.813	ng	98
75) Fluoranthene	12.54	202	159789	6.448	ng	100
78) Pyrene	12.77	202	150529	7.254	ng	98
81) Benzo(a)anthracene	13.96	228	87435	4.866	ng	# 92
83) Chrysene	14.00	228	78186	4.297	ng	# 94
88) Benzo(b)fluoranthene	15.01	252	87514m	4.371	ng	
90) Benzo(a)pyrene	15.37	252	76491	4.494	ng	# 84
92) Benzo(g,h,i)perylene	17.33	276	45243	2.835	ng	# 87

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

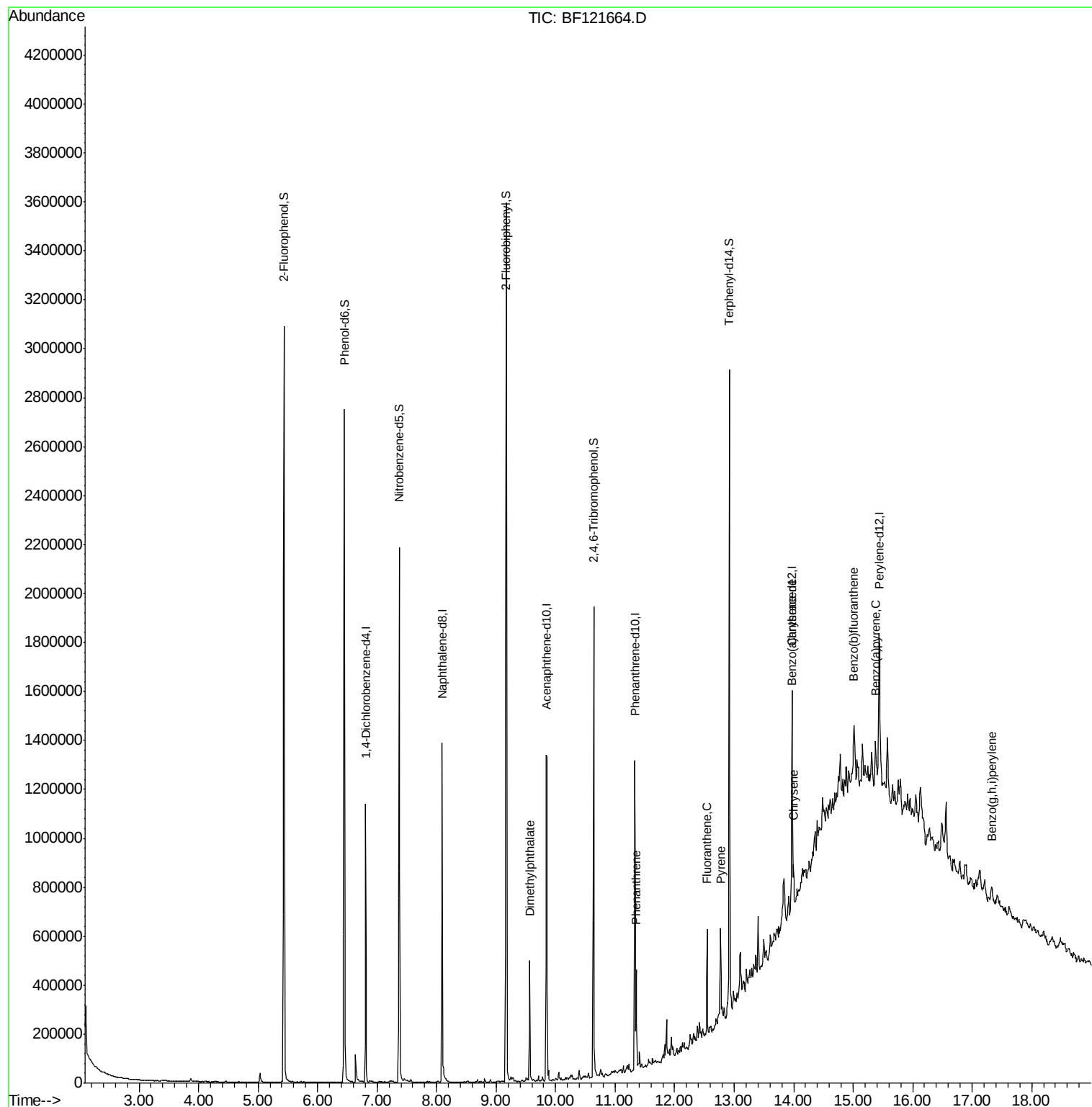
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF092220\
Data File : BF121664.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

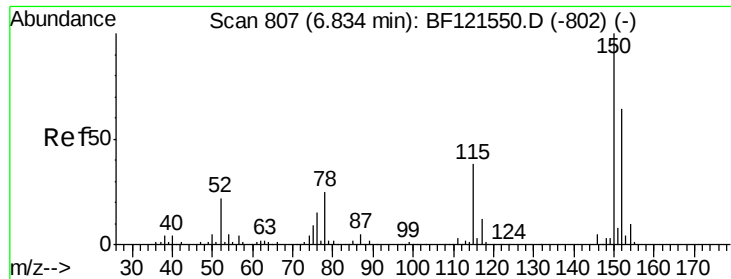
Instrument :
BNA_F
ClientSampleId :
PAV-092120-DP

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Quant Time: Sep 29 14:22:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration





#1

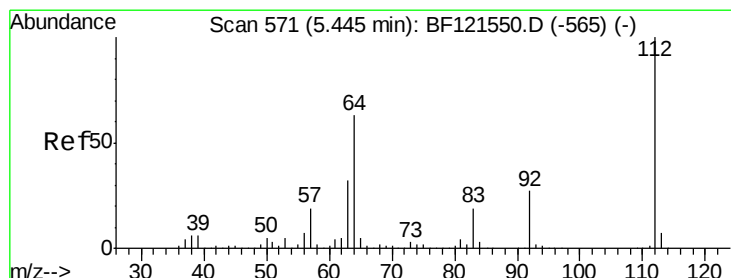
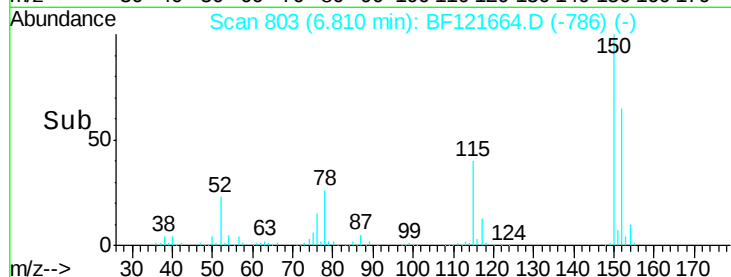
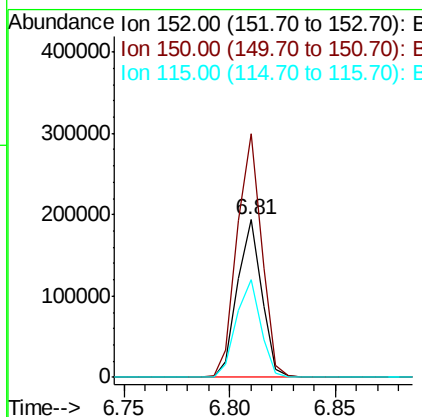
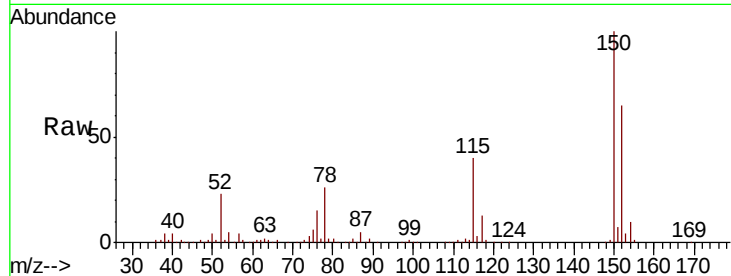
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121664.D
Acq: 23 Sep 2020 3:35

Instrument :
BNA_F
ClientSampleId :
PAV-092120-DP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	128.1	192.1
115	61.9	52.6	79.0

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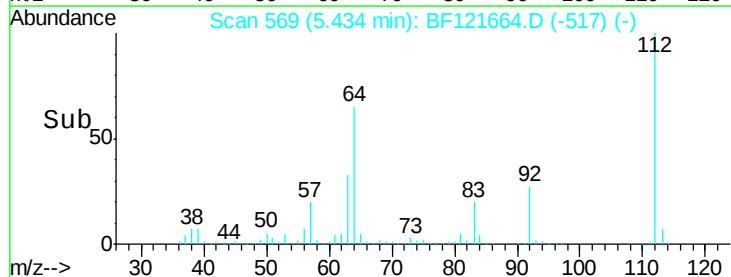
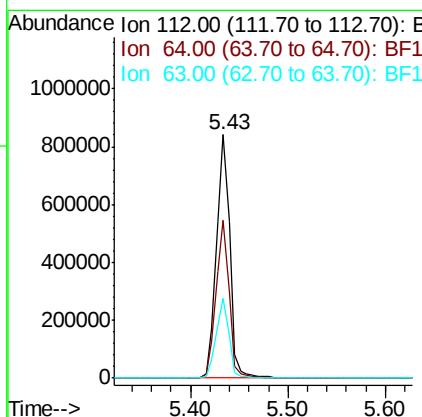
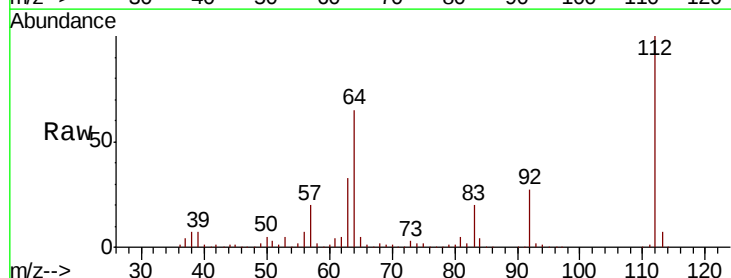
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#5

2-Fluorophenol
Concen: 78.068 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121664.D
Acq: 23 Sep 2020 3:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	52.2	78.2
63	32.9	26.6	39.8





#7

Phenol-d6

Concen: 77.133 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF121664.D

Acq: 23 Sep 2020 3:35

Instrument :

BNA_F

ClientSampleId :

PAV-092120-DP

Tot Ion: 99 Resp: 1042421

Ion Ratio Lower Upper

99 100

42 19.0 15.5 23.3

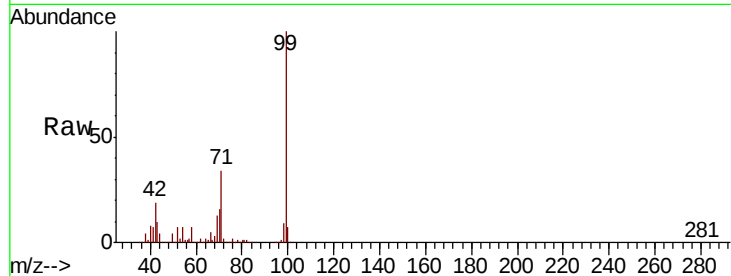
71 33.7 27.4 41.2

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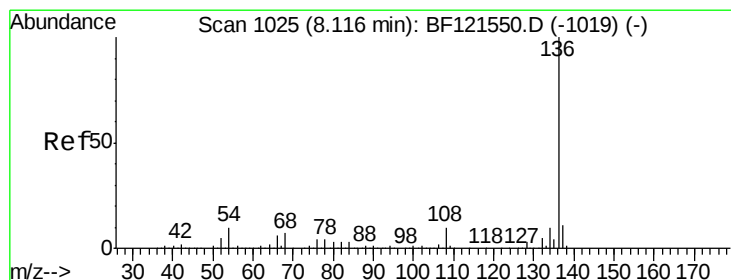
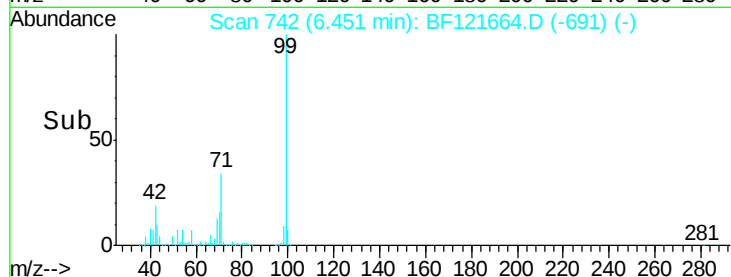
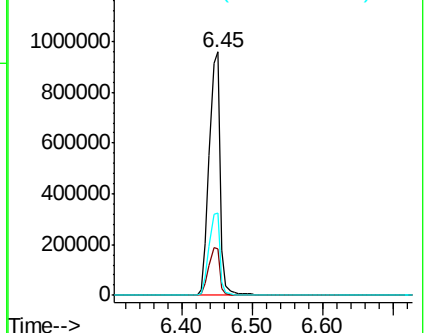
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121664.D

Acq: 23 Sep 2020 3:35

Tgt Ion: 136 Resp: 581631

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.6 7.4 11.0

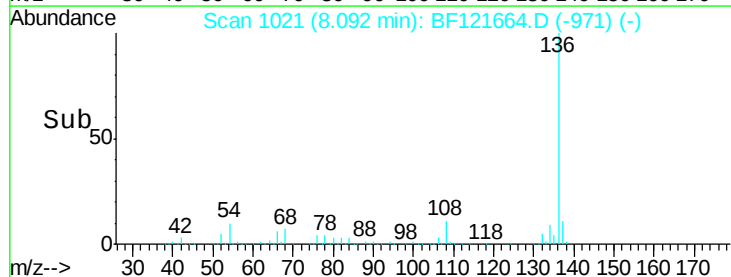
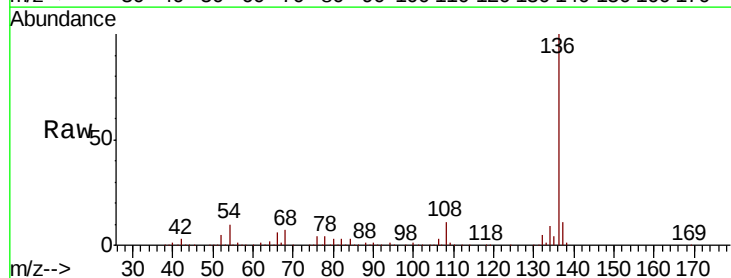
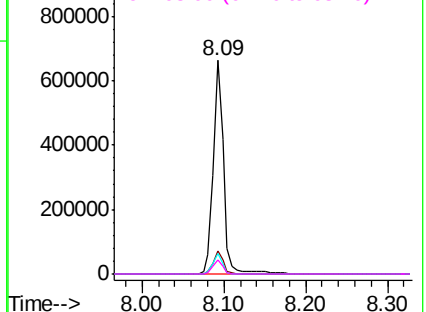
68 6.9 5.3 7.9

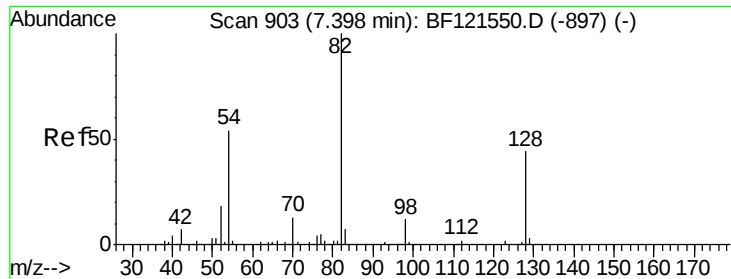
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





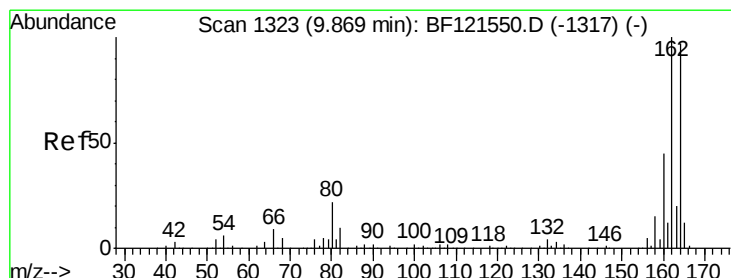
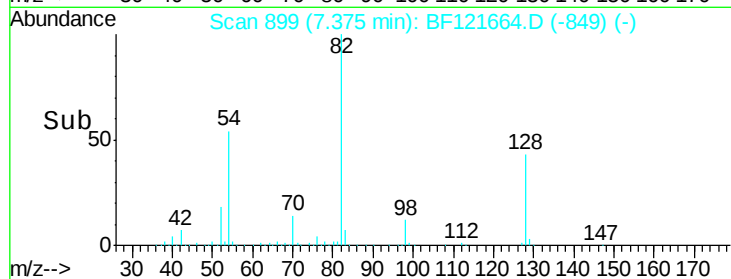
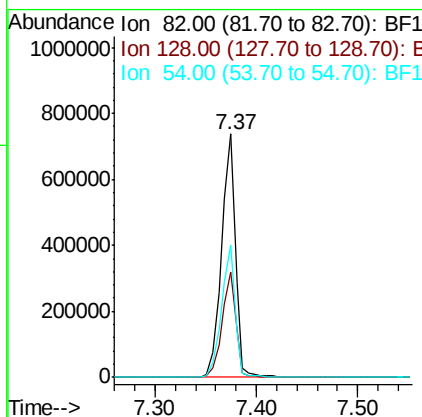
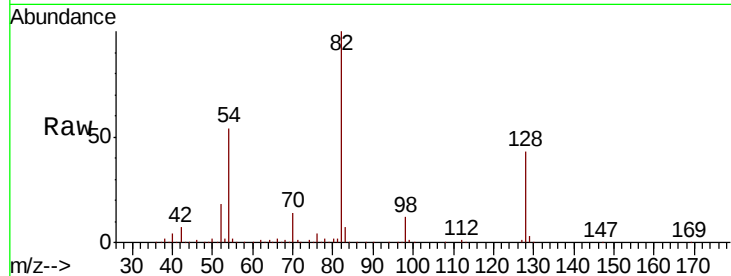
#23
 Nitrobenzene-d5
 Concen: 65.013 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121664.D
 Acq: 23 Sep 2020 3:35

Instrument :
 BNA_F
 ClientSampleId :
 PAV-092120-DP

Tot Ion:	82	Resp:	704272
Ion Ratio	Lower	Upper	
82	100		
128	43.4	33.9	50.9
54	54.1	42.9	64.3

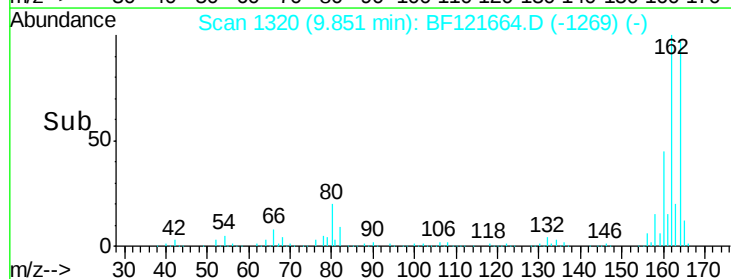
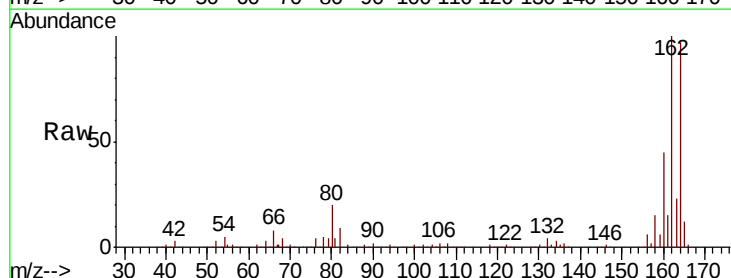
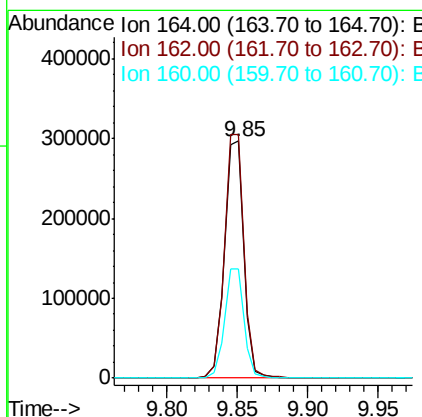
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF121664.D
 Acq: 23 Sep 2020 3:35

Tgt Ion:	164	Resp:	283887
Ion Ratio	Lower	Upper	
164	100		
162	102.8	81.2	121.8
160	46.0	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 73.711 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121664.D

Acq: 23 Sep 2020 3:35

Instrument :

BNA_F

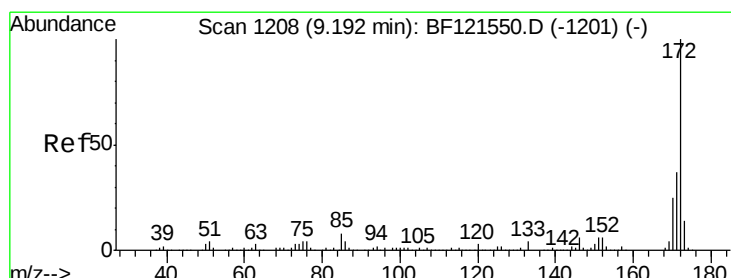
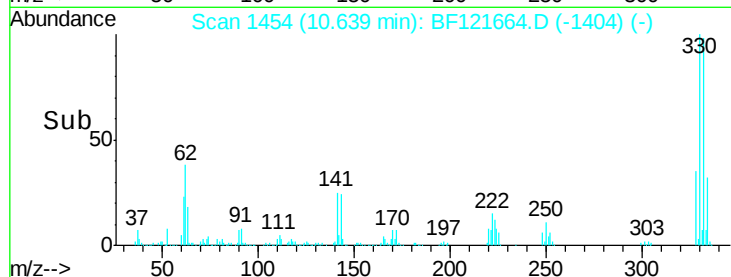
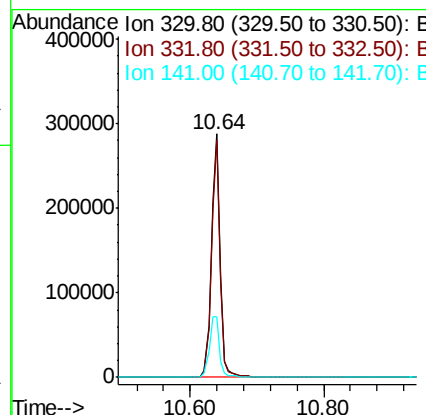
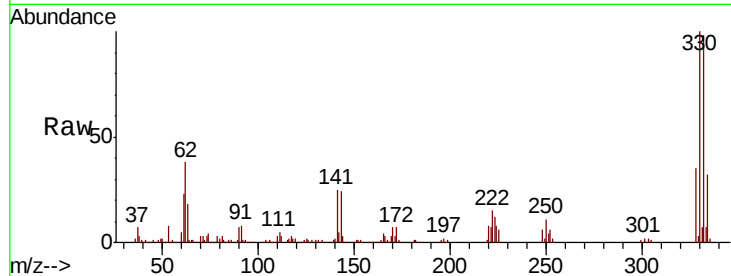
ClientSampleId :

PAV-092120-DP

Tot Ion:	330	Resp:	260076
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.9	115.3
141	29.2	22.4	33.6

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#45

2-Fluorobiphenyl

Concen: 64.231 ng

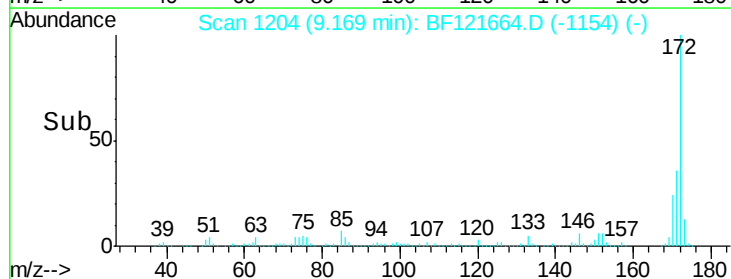
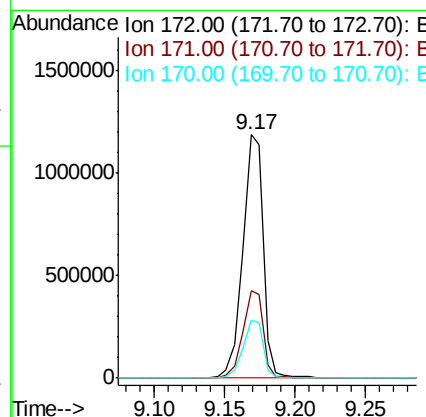
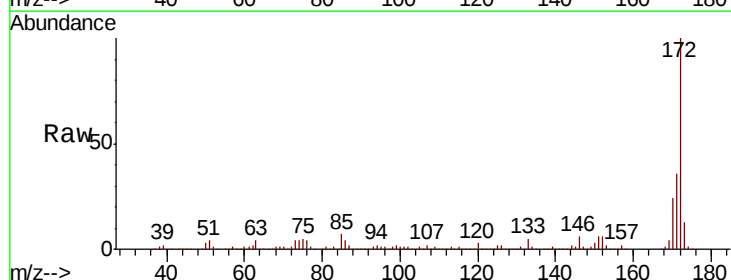
RT: 9.17 min Scan# 1204

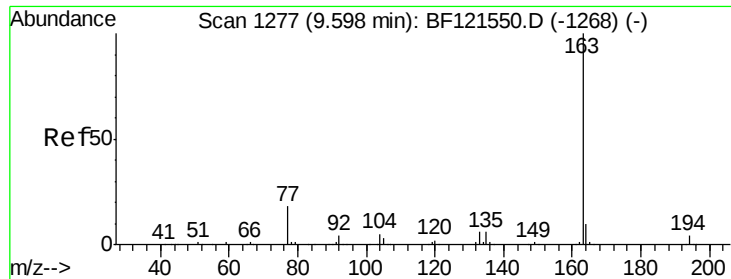
Delta R.T. -0.01 min

Lab File: BF121664.D

Acq: 23 Sep 2020 3:35

Tgt Ion:	172	Resp:	1203963
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.3	43.9
170	23.8	19.5	29.3





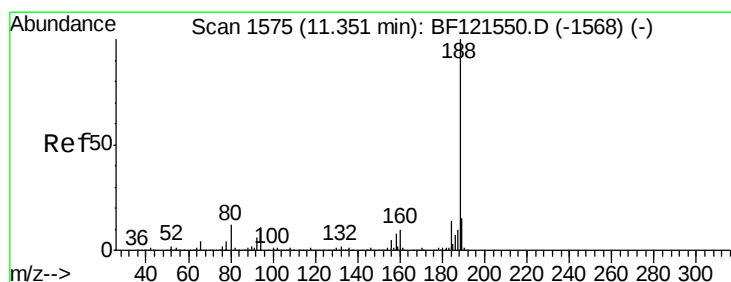
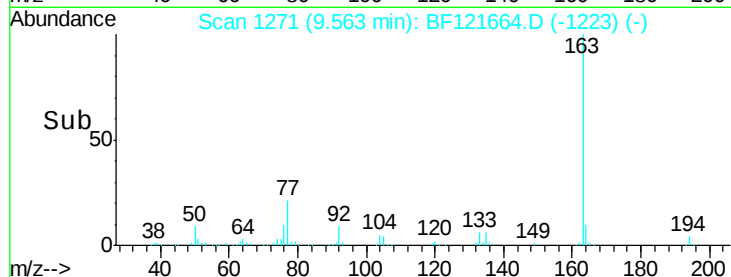
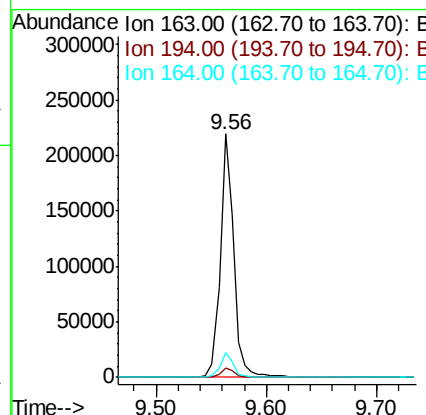
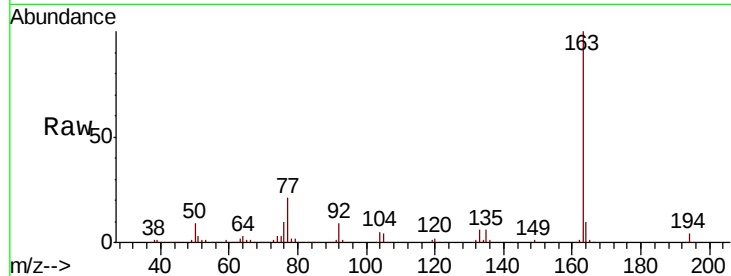
#50
Dimethylphthalate
Concen: 8.906 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121664.D
Acq: 23 Sep 2020 3:35

Instrument :
BNA_F
ClientSampleId :
PAV-092120-DP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	183245		
194	4.0	3.3	4.9	
164	10.2	8.0	12.0	

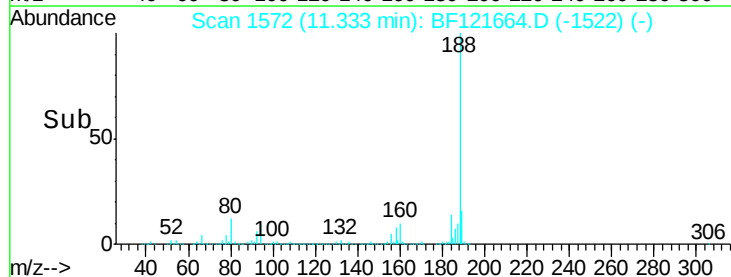
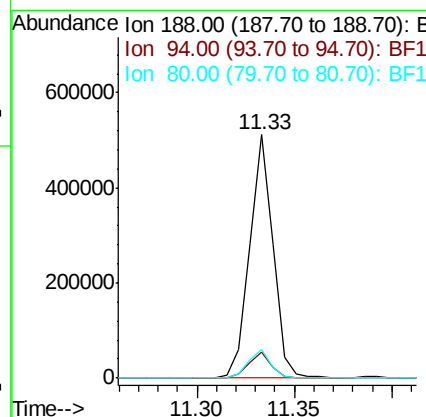
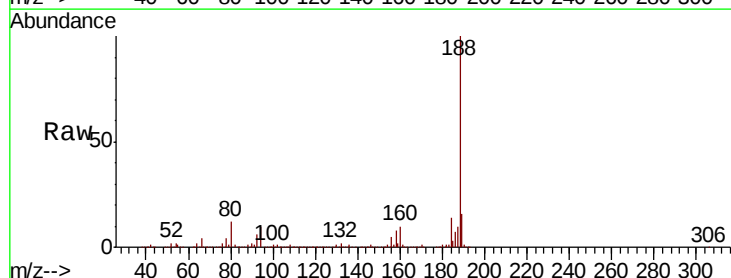
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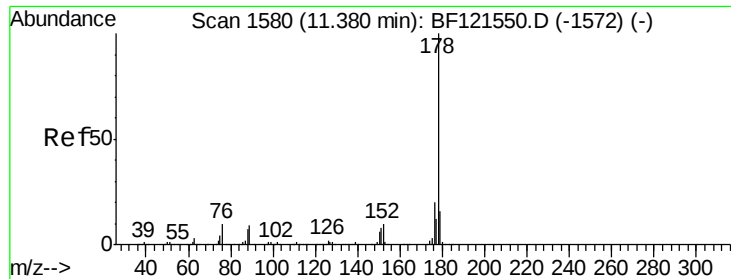
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF121664.D
Acq: 23 Sep 2020 3:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	426055		
94	10.5	8.4	12.6	
80	11.8	9.0	13.4	





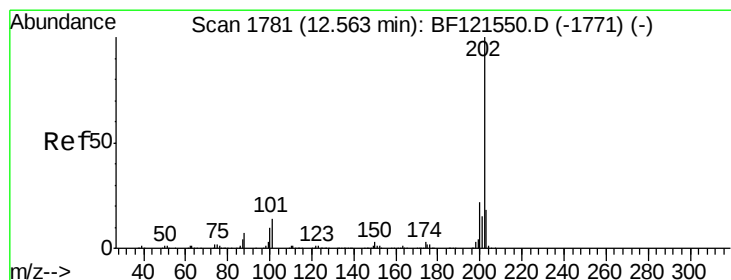
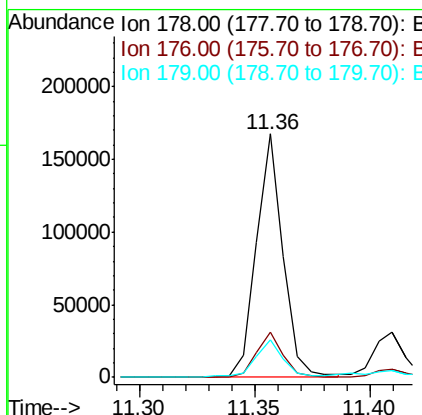
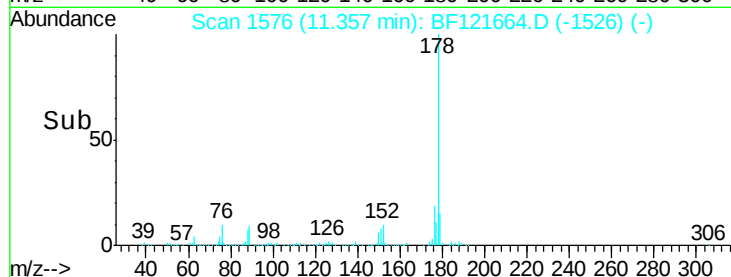
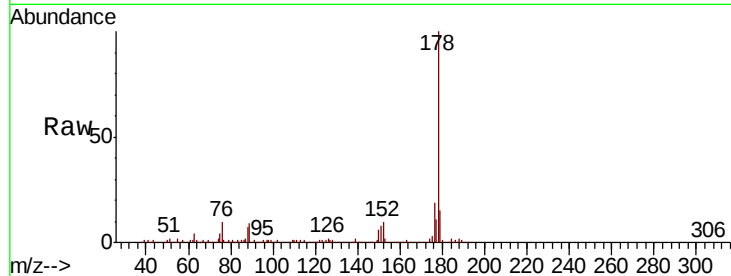
#71
Phenanthrene
Concen: 5.813 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121664.D
Acq: 23 Sep 2020 3:35

Instrument :
BNA_F
ClientSampleId :
PAV-092120-DP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
176	18.8	15.9	23.9		
179	15.3	12.6	18.8		

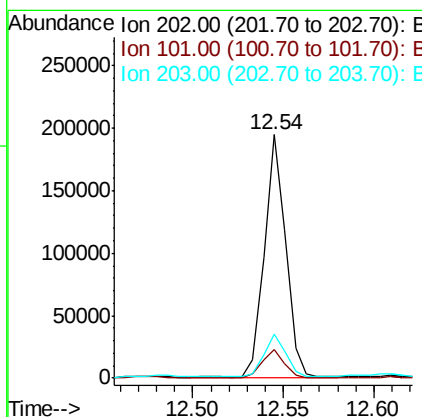
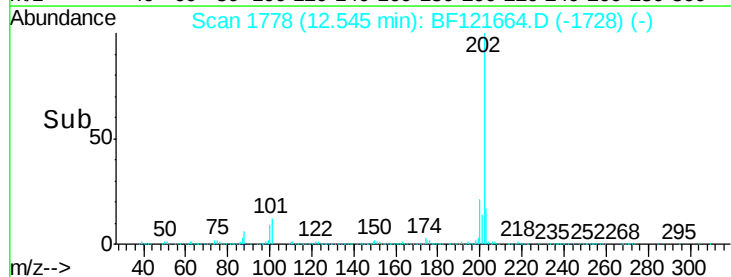
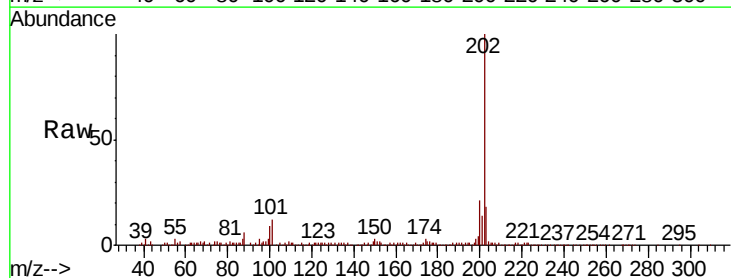
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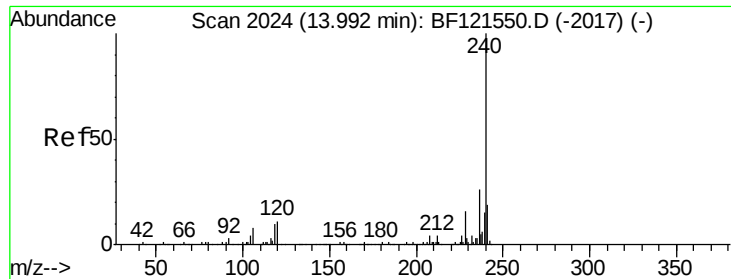
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#75
Fluoranthene
Concen: 6.448 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF121664.D
Acq: 23 Sep 2020 3:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.7	0.0	31.9		
203	17.9	0.0	37.8		





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF121664.D

Acq: 23 Sep 2020 3:35

Instrument :

BNA_F

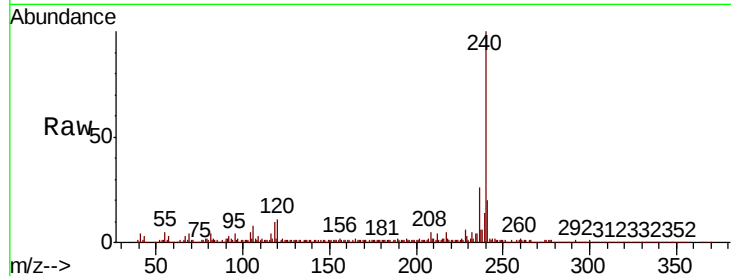
ClientSampleId :

PAV-092120-DP

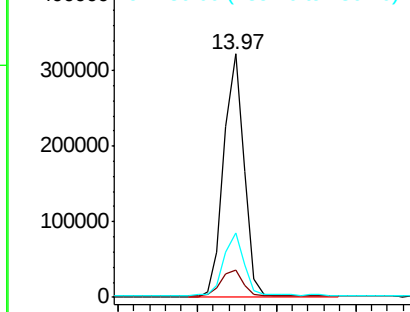
Tot Ion:	240	Resp:	284022
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.2	13.8
236	26.4	20.4	30.6

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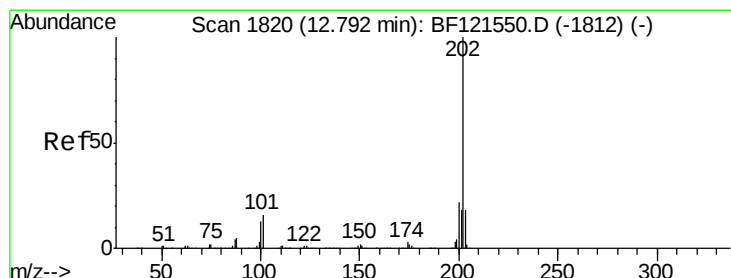
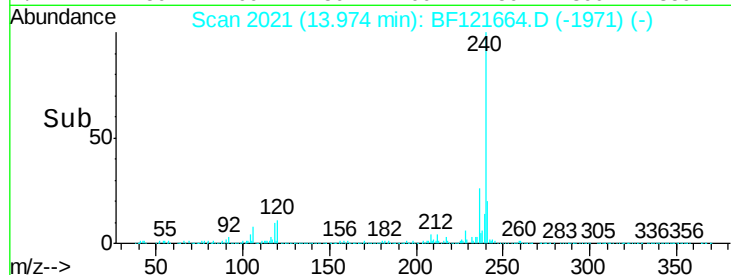
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 13.95 14.00 14.05



#78

Pyrene

Concen: 7.254 ng

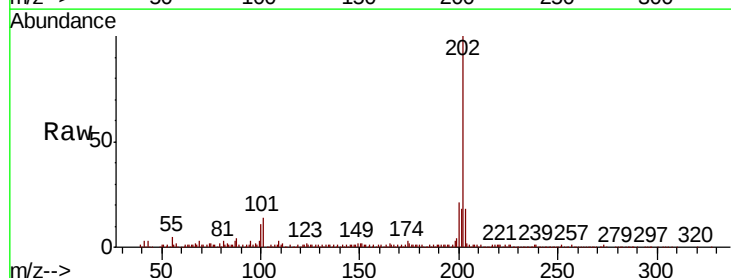
RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

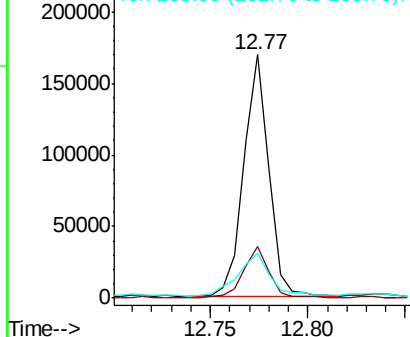
Lab File: BF121664.D

Acq: 23 Sep 2020 3:35

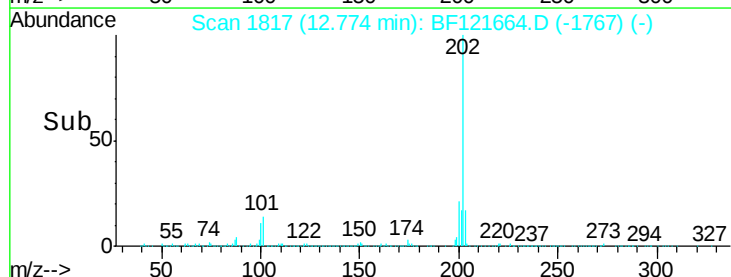
Tgt Ion:	202	Resp:	150529
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.8	26.6
203	18.4	14.4	21.6

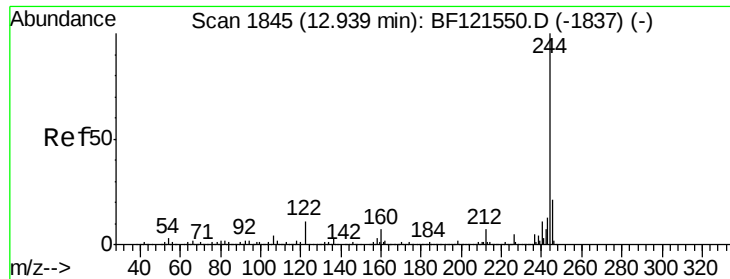


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.75 12.80





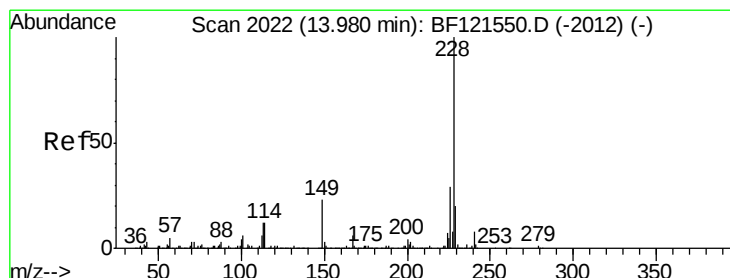
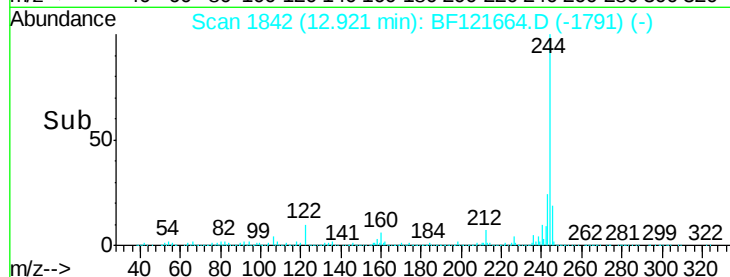
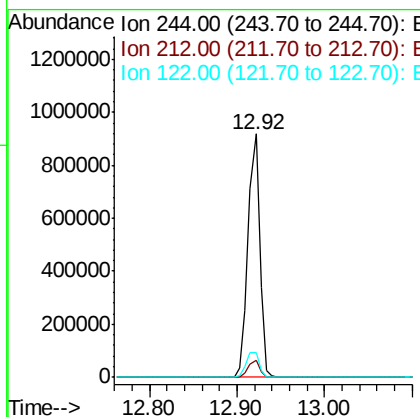
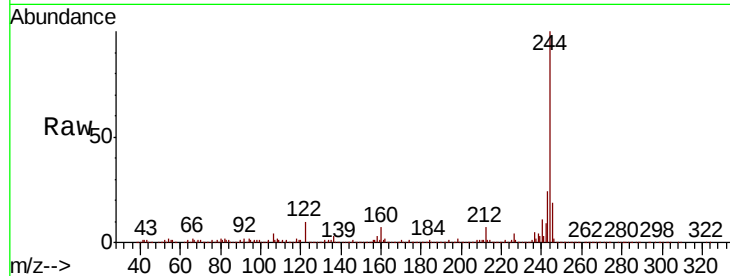
#79
 Terphenyl-d14
 Concen: 58.080 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF121664.D
 Acq: 23 Sep 2020 3:35

Instrument :
 BNA_F
 ClientSampleId :
 PAV-092120-DP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	10.3	7.4	11.0

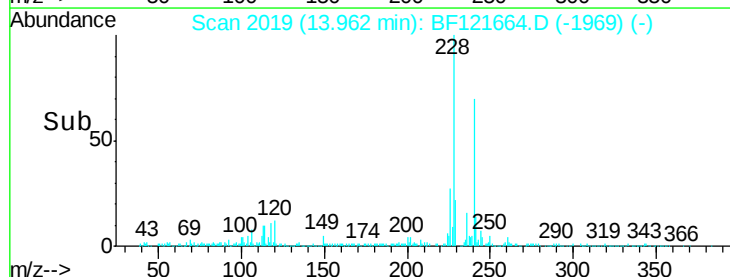
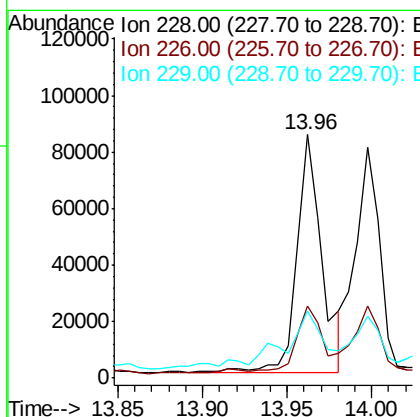
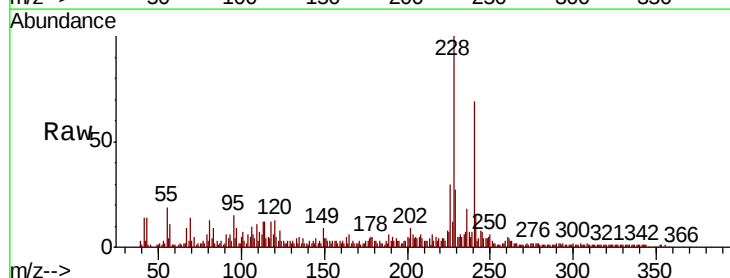
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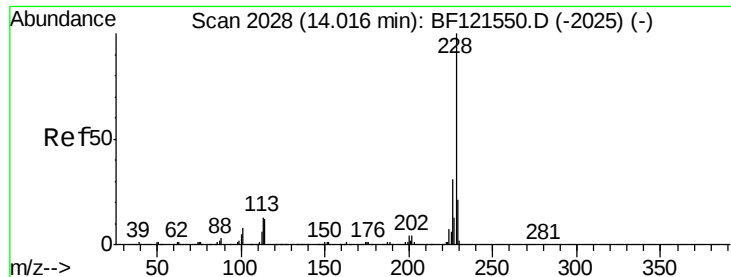
mohammad
 9/23/2020 10:43:38 AM



#81
 Benzo(a)anthracene
 Concen: 4.866 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF121664.D
 Acq: 23 Sep 2020 3:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	27.3	16.2	24.2#





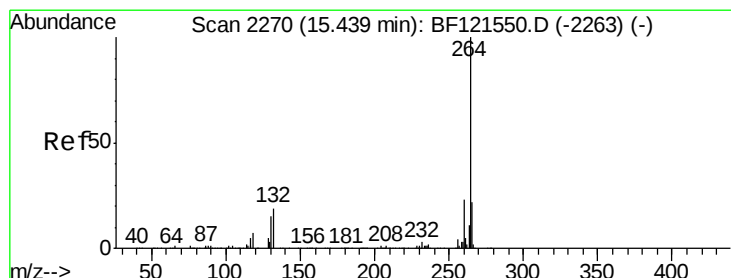
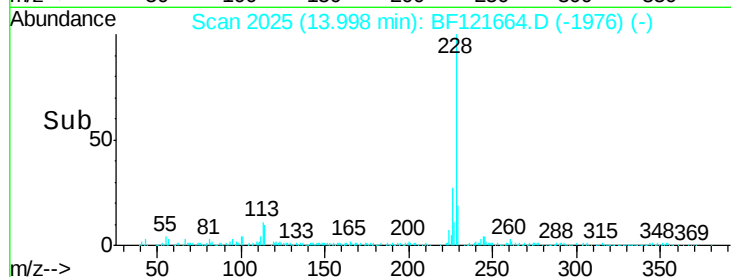
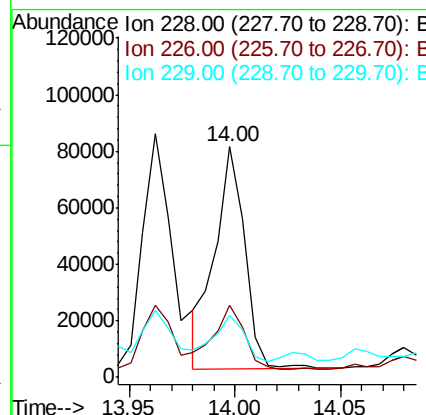
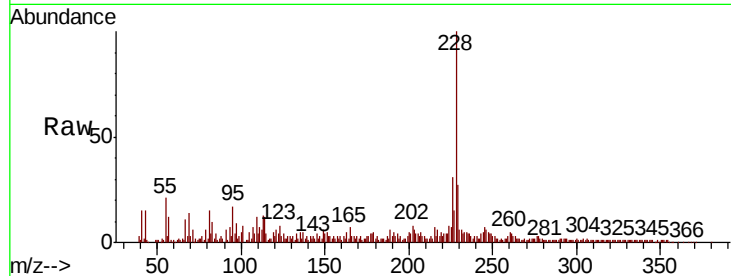
#83
Chrvsene
Concen: 4.297 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF121664.D
Acq: 23 Sep 2020 3:35

Instrument :
BNA_F
ClientSampleId :
PAV-092120-DP

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.4
229	26.7	16.0	24.0

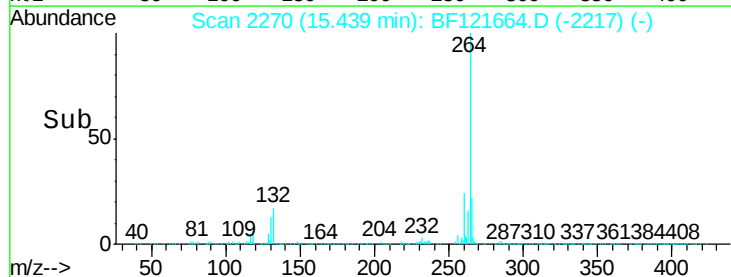
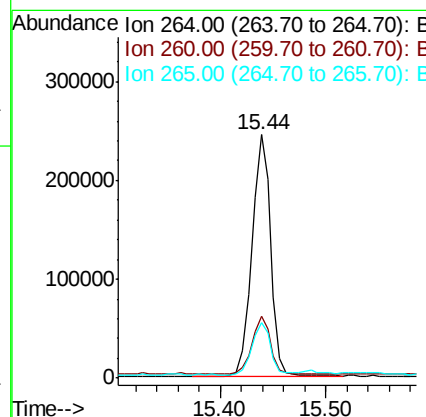
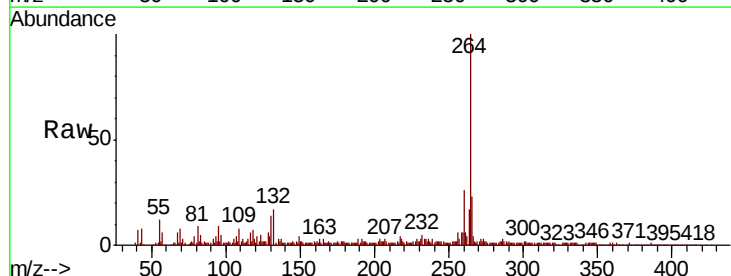
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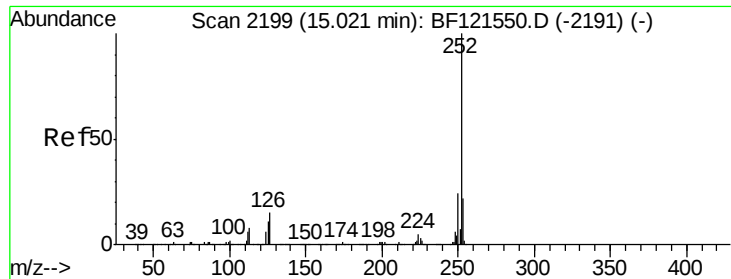
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF121664.D
Acq: 23 Sep 2020 3:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.8	28.2
265	22.9	17.3	25.9





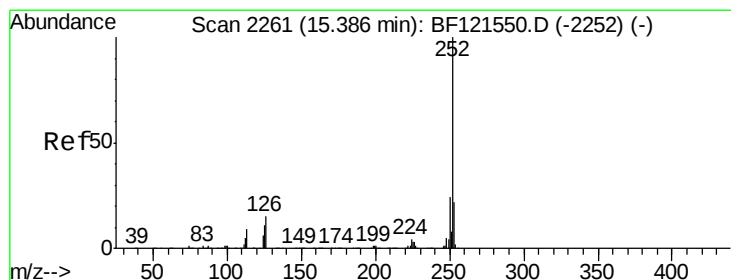
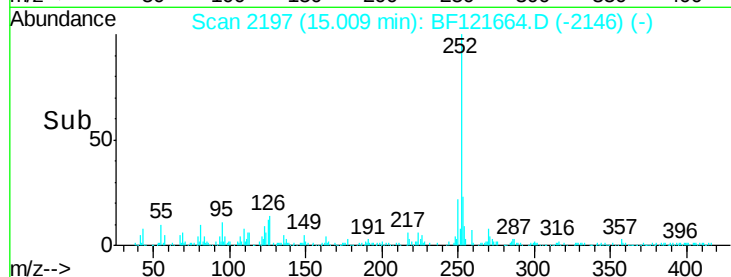
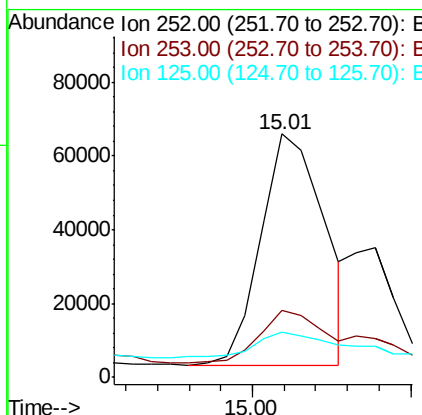
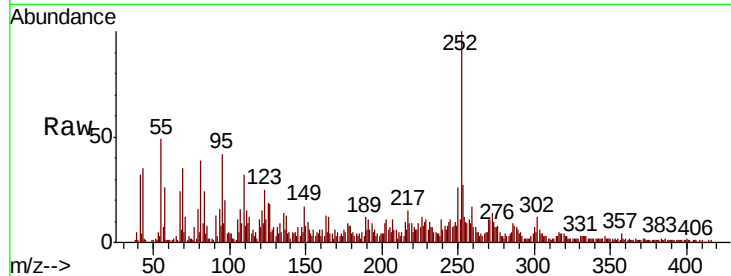
#88
Benzo(b)fluoranthene
Concen: 4.371 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF121664.D
Acq: 23 Sep 2020 3:35

Instrument :
BNA_F
ClientSampleId :
PAV-092120-DP

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.2	27.4#
125	18.6	8.5	12.7#

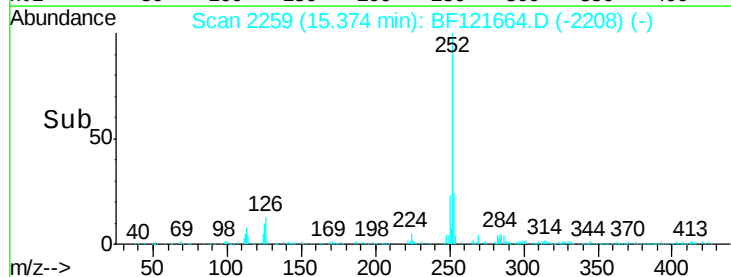
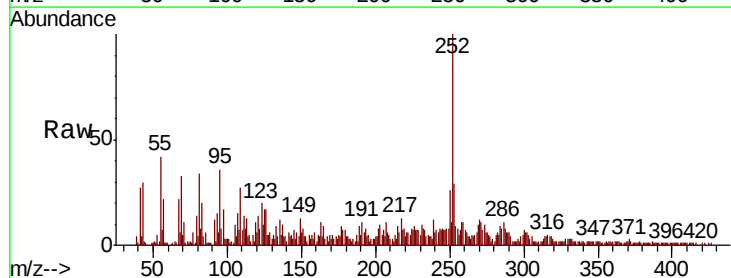
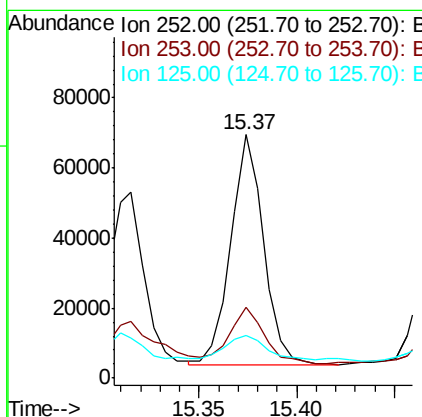
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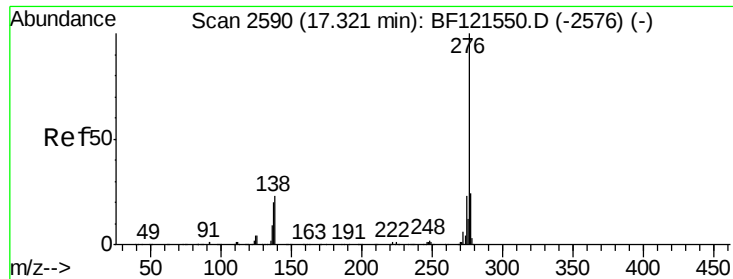
mohammad
9/23/2020 10:43:38 AM



#90
Benzo(a)pyrene
Concen: 4.494 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF121664.D
Acq: 23 Sep 2020 3:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.4	26.2#
125	17.4	9.1	13.7#





#92
 Benzo(a,h,i)perylene
 Concen: 2.835 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. 0.02 min
 Lab File: BF121664.D
 Acq: 23 Sep 2020 3:35

Instrument :
 BNA_F
 ClientSampleId :
 PAV-092120-DP

Tot Ion	Ratio	Lower	Upper
276	100		
277	32.0	19.3	28.9#
138	25.4	16.9	25.3#

Manual Integrations
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mohammad
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