

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121882.D
 Acq On : 7 Oct 2020 19:32
 Operator : JU/CG
 Sample : L4242-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B17-100120-0-10

Manual Integrations
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mohammad
 10/8/2020 12:29:33 PM

Quant Time: Oct 08 01:05:52 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	99530	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	357344	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	167572	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	313911	20.00	ng	0.00
76) Chrysene-d12	13.93	240	282652	20.00	ng	0.00
86) Perylene-d12	15.40	264	205050	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	494818	73.88	ng	0.00
7) Phenol-d6	6.41	99	600974	68.40	ng	0.00
23) Nitrobenzene-d5	7.33	82	393631	59.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	145225	69.73	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	667535	60.33	ng	-0.01
79) Terphenyl-d14	12.87	244	690159	49.47	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.52	163	89095	7.336	ng	99
71) Phenanthrene	11.31	178	42009	2.456	ng	97
75) Fluoranthene	12.50	202	65006	3.561	ng	97
78) Pyrene	12.73	202	66830	3.236	ng	98
81) Benzo(a)anthracene	13.92	228	37827	2.115	ng	# 69
83) Chrysene	13.96	228	38960	2.152	ng	# 77
88) Benzo(b)fluoranthene	14.97	252	37156m	2.711	ng	
90) Benzo(a)pyrene	15.33	252	31346	2.690	ng	# 45
92) Benzo(g,h,i)perylene	17.28	276	23314	2.134	ng	# 69

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

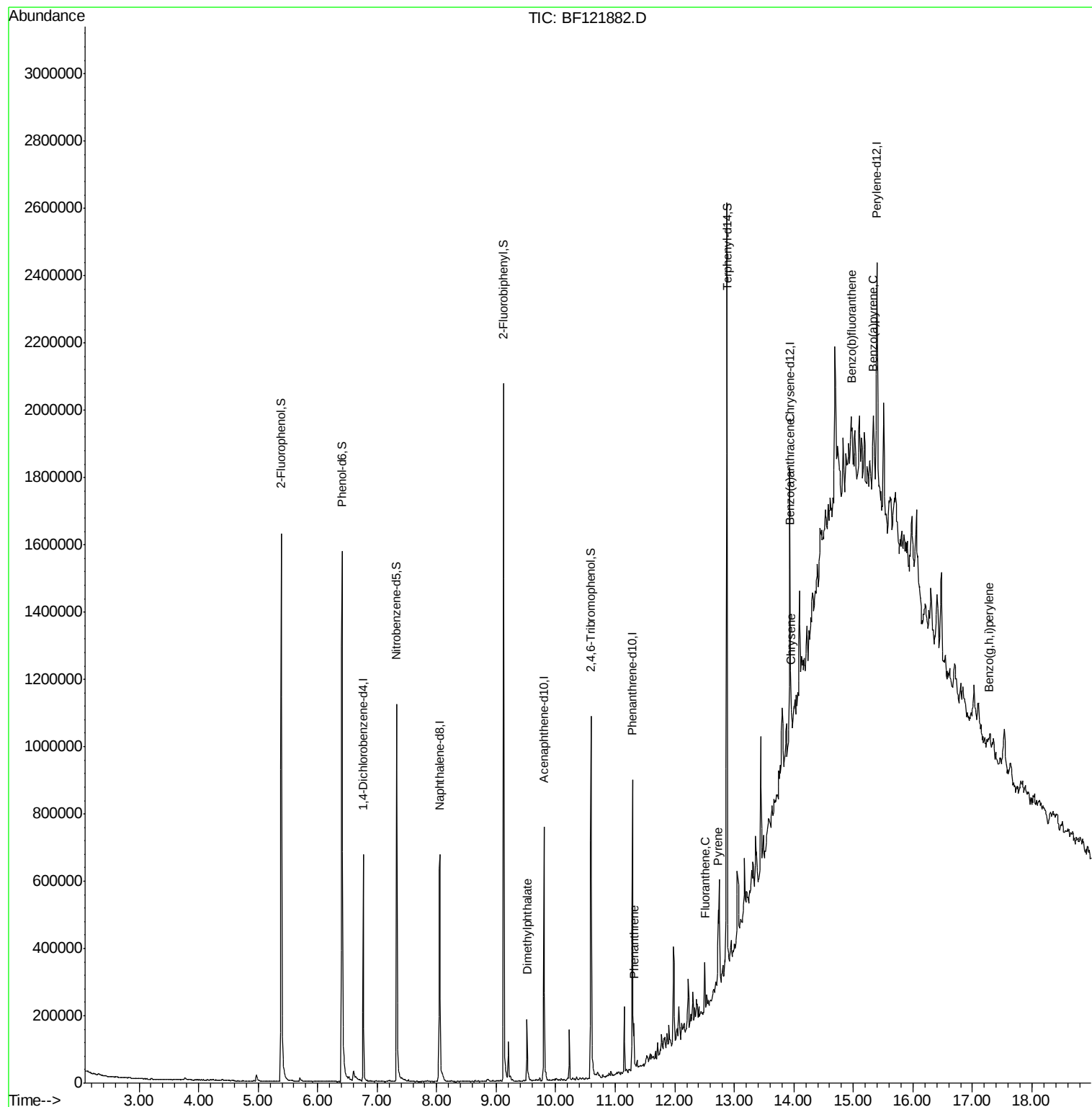
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121882.D
Acq On : 7 Oct 2020 19:32
Operator : JU/CG
Sample : L4242-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

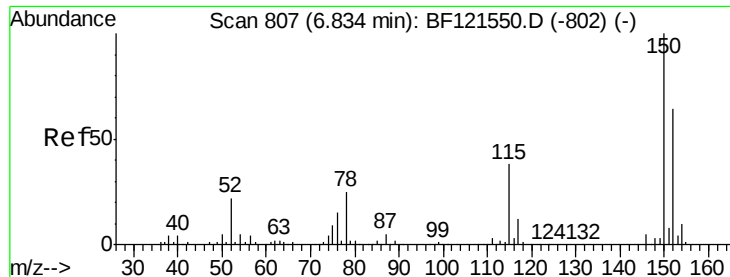
Instrument :
BNA_F
ClientSampleId :
PAV-B17-100120-0-10

Manual Integrations
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Quant Time: Oct 08 01:05:52 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

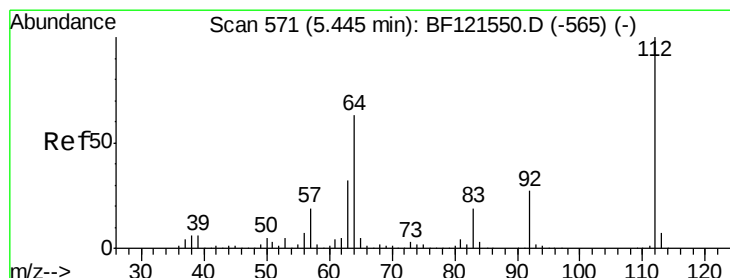
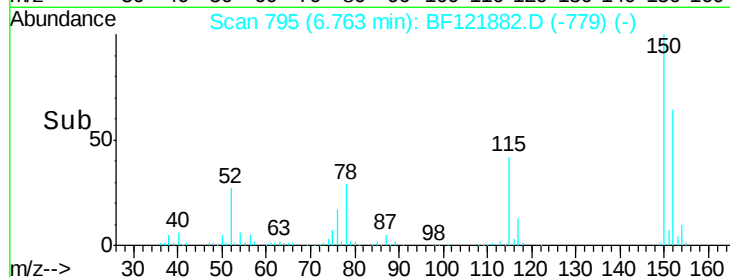
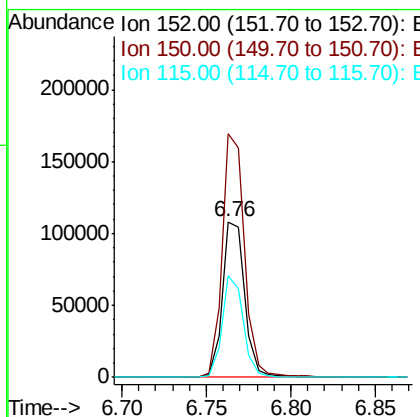
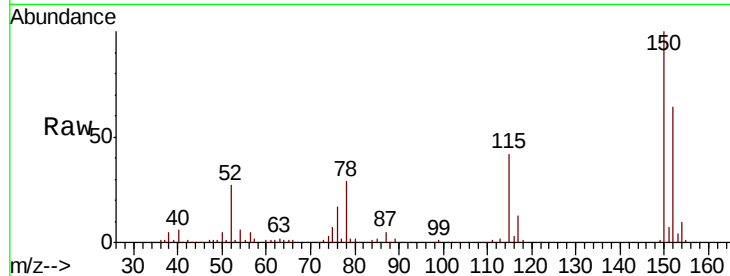
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121882.D
Acq: 7 Oct 2020 19:32

Instrument :
BNA_F
ClientSampleId :
PAV-B17-100120-0-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.3	187.9
115	65.0	51.9	77.9

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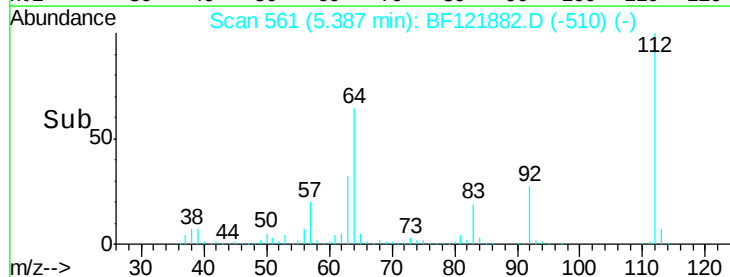
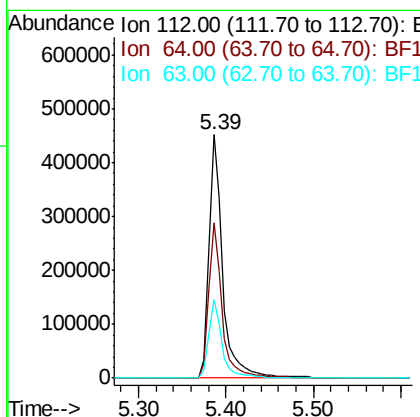
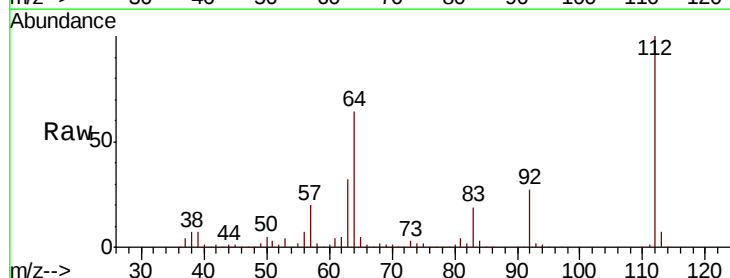
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#5

2-Fluorophenol
Concen: 73.883 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121882.D
Acq: 7 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	50.4	75.6
63	32.0	25.8	38.6





#7

Phenol-d6

Concen: 68.398 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121882.D

Acq: 7 Oct 2020 19:32

Instrument :

BNA_F

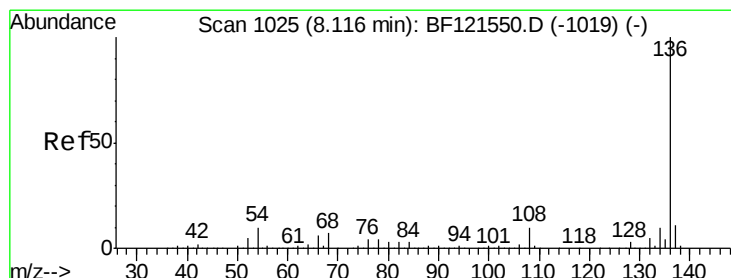
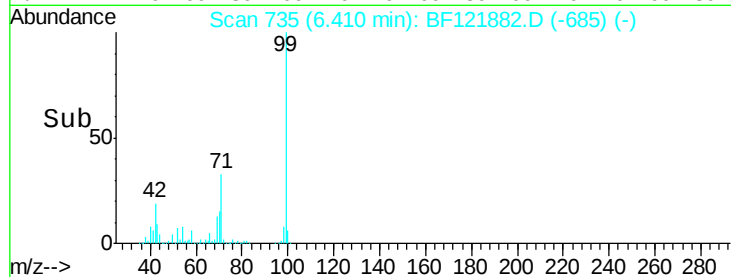
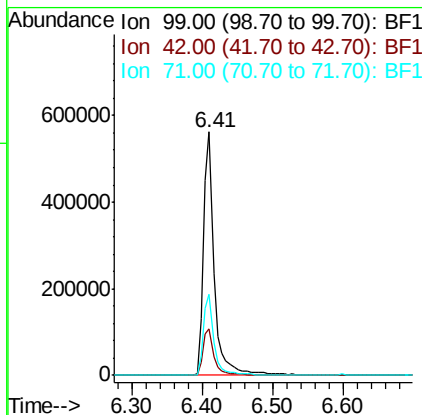
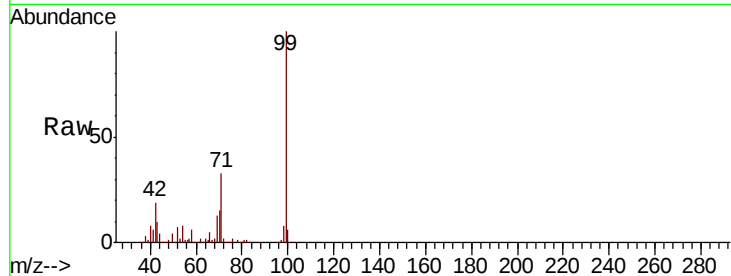
ClientSampleId :

PAV-B17-100120-0-10

Tot Ion:	99	Resp:	600974
Ion Ratio	Lower	Upper	
99	100		
42	18.9	15.9	23.9
71	33.1	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

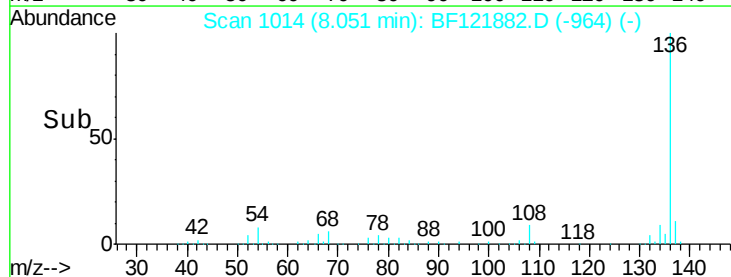
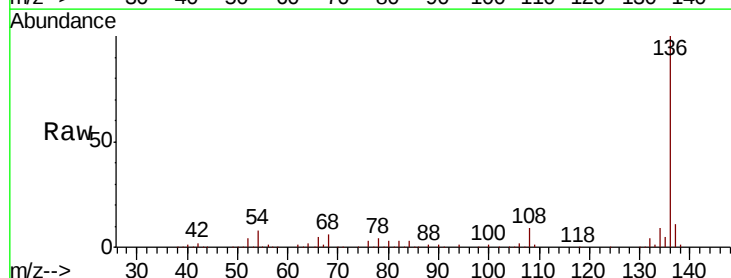
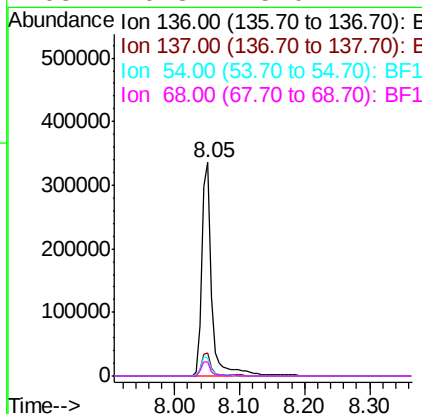
RT: 8.05 min Scan# 1014

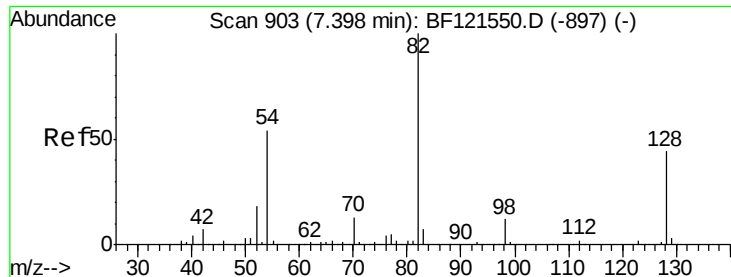
Delta R.T. -0.01 min

Lab File: BF121882.D

Acq: 7 Oct 2020 19:32

Tgt Ion:	136	Resp:	357344
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	8.4	7.1	10.7
68	6.3	5.0	7.4





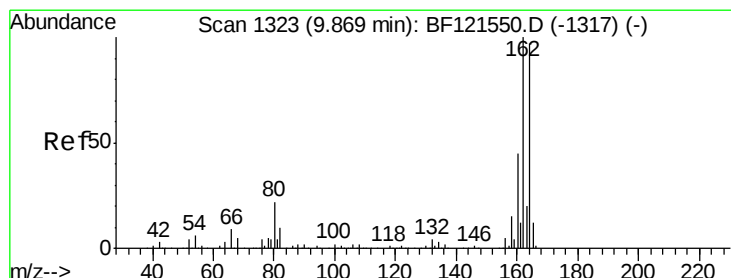
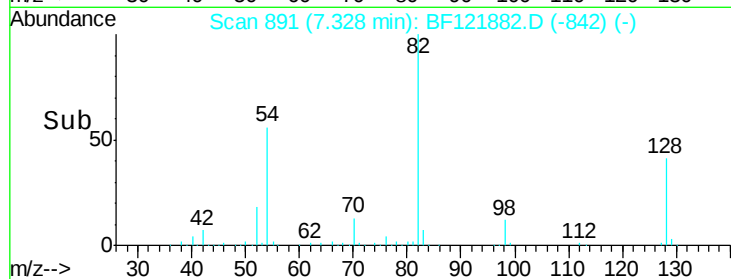
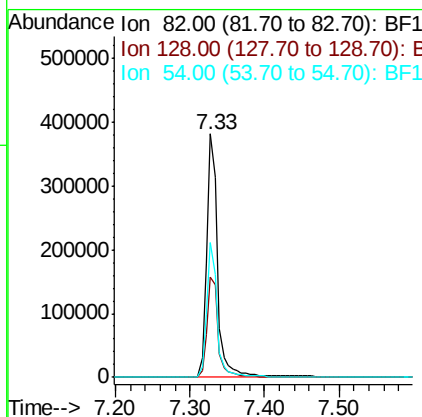
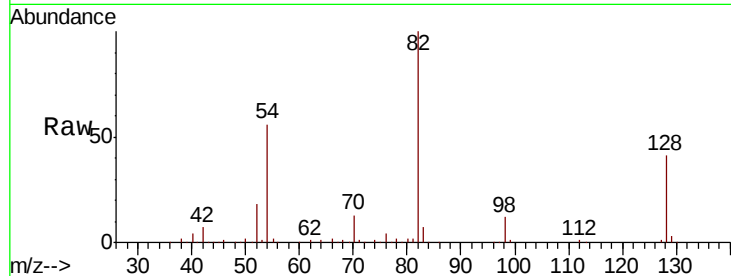
#23
 Nitrobenzene-d5
 Concen: 59.144 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF121882.D
 Acq: 7 Oct 2020 19:32

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B17-100120-0-10

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.0	52.4
54	55.5	43.9	65.9

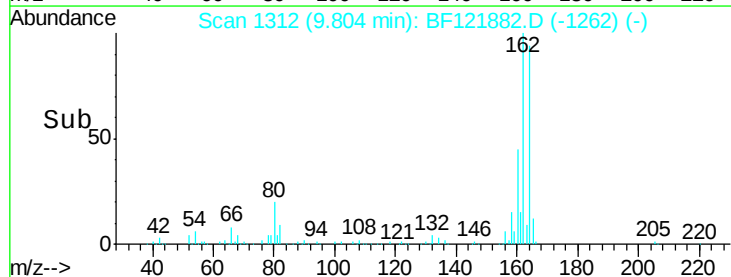
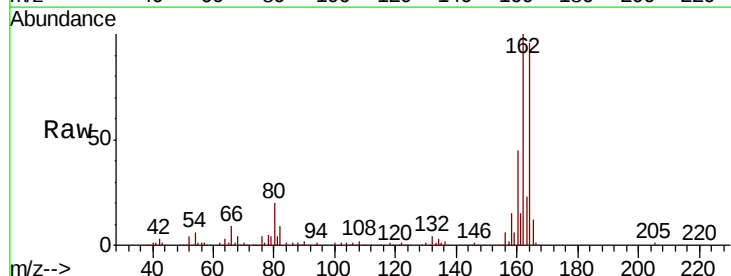
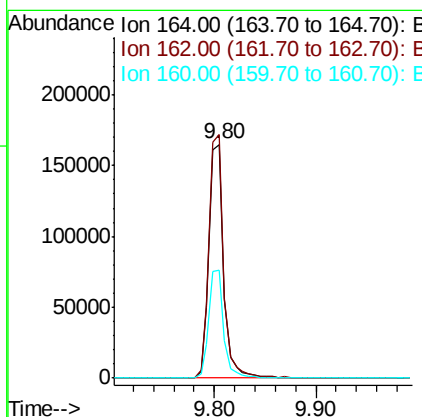
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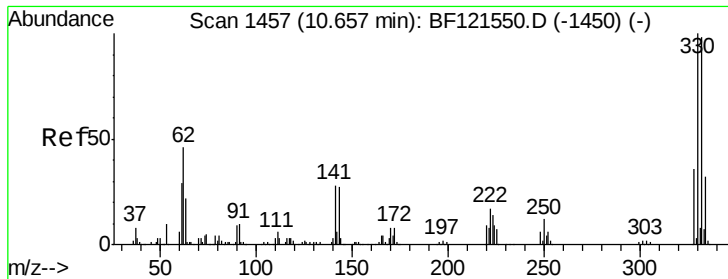
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF121882.D
 Acq: 7 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.2	124.8
160	46.5	37.5	56.3





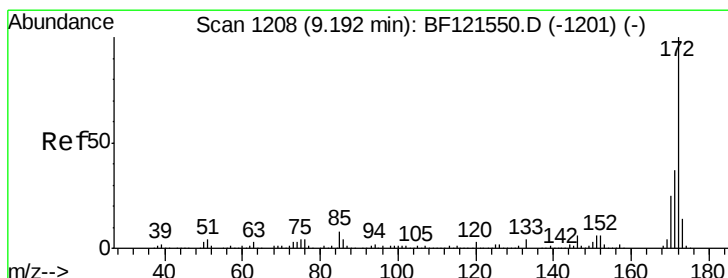
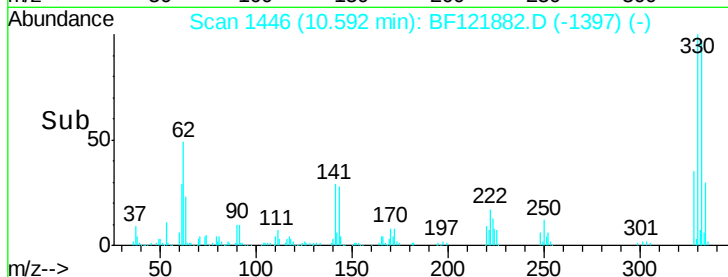
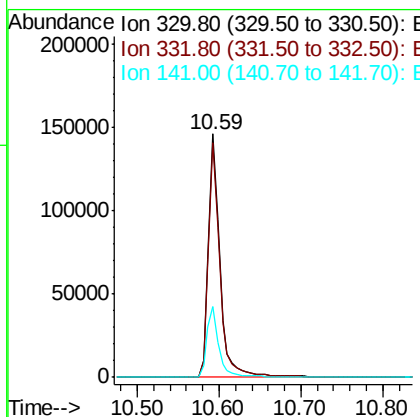
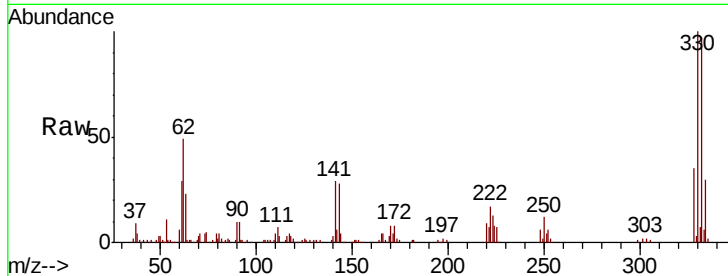
#42
 2,4,6-Tribromophenol
 Concen: 69.729 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121882.D
 Acq: 7 Oct 2020 19:32

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B17-100120-0-10

Tot Ion	Ratio	Resp	Lower	Upper
330	100	145225		
332	96.3	77.3	115.9	
141	30.1	22.3	33.5	

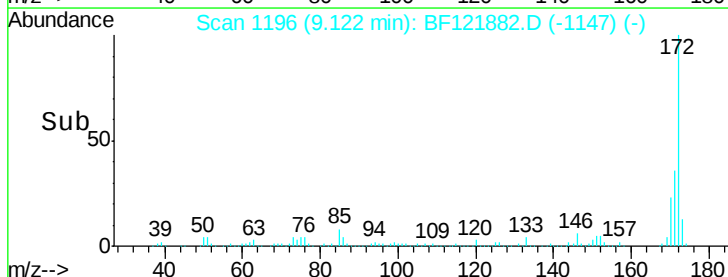
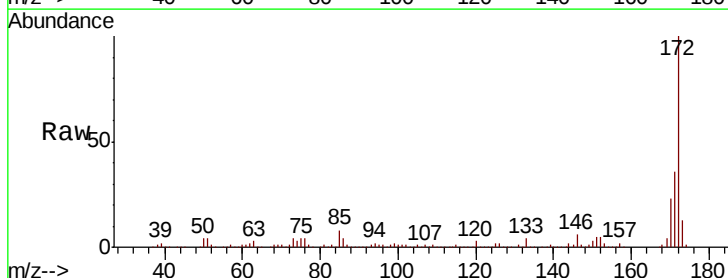
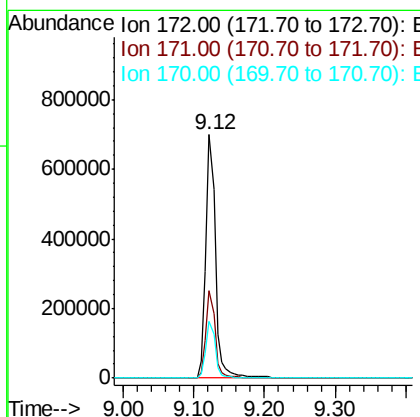
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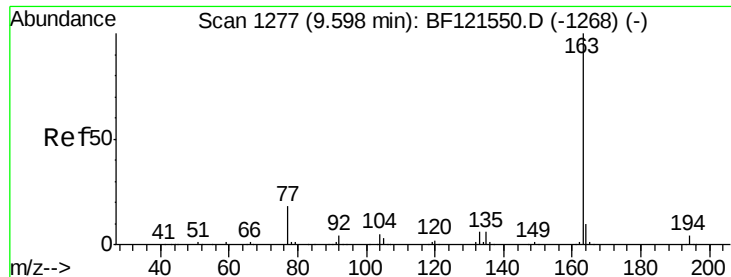
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#45
 2-Fluorobiphenyl
 Concen: 60.332 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121882.D
 Acq: 7 Oct 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	667535		
171	35.7	29.1	43.7	
170	23.4	19.8	29.6	





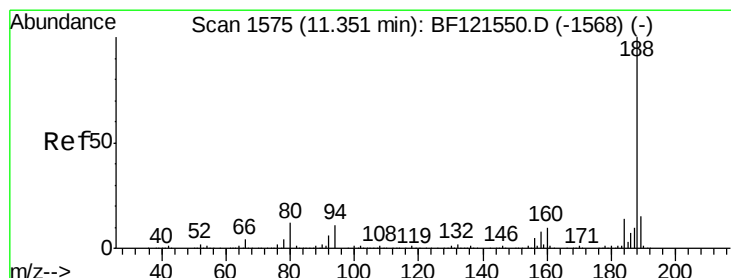
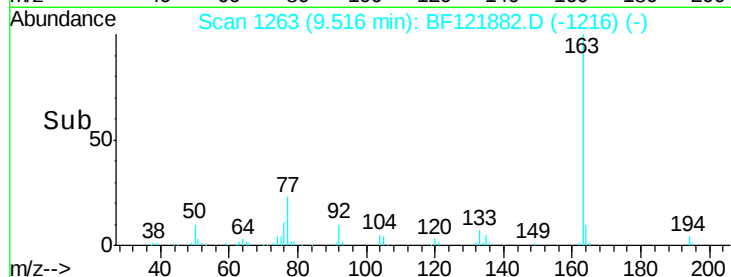
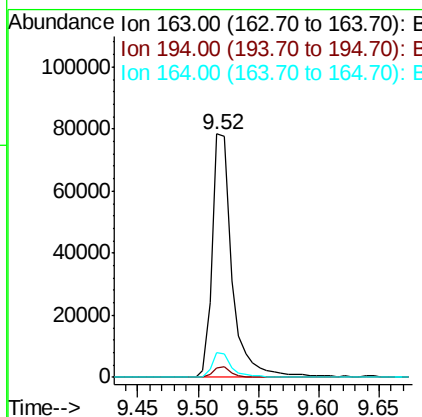
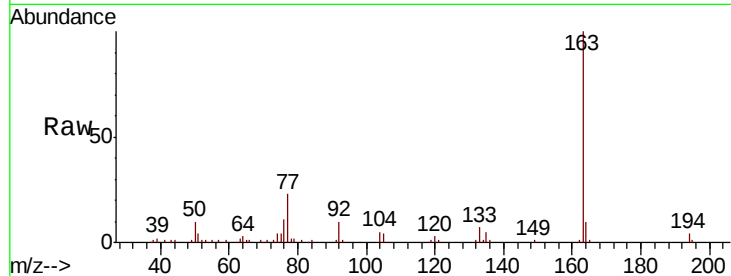
#50
Dimethylphthalate
Concen: 7.336 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121882.D
Acq: 7 Oct 2020 19:32

Instrument :
BNA_F
ClientSampleId :
PAV-B17-100120-0-10

Tot Ion:	163	Resp:	89095
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.3	4.9
164	10.4	8.2	12.4

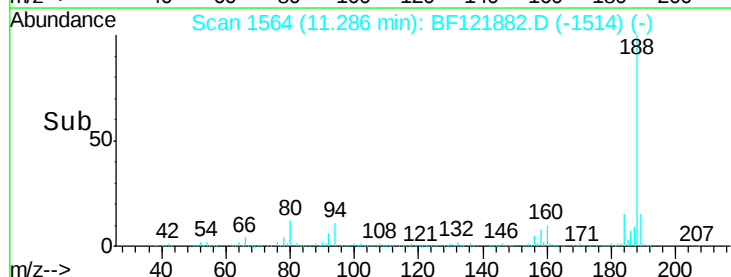
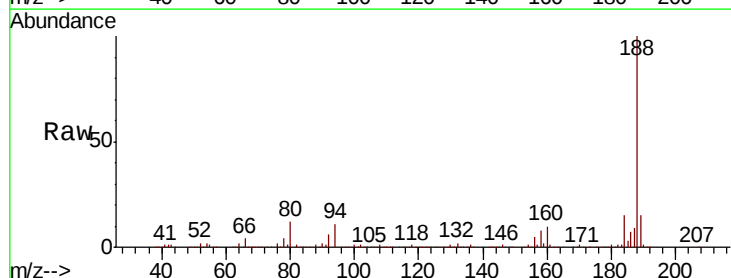
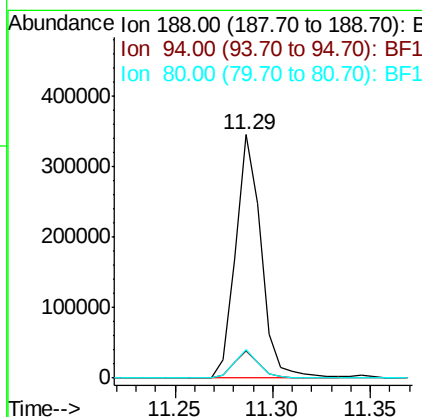
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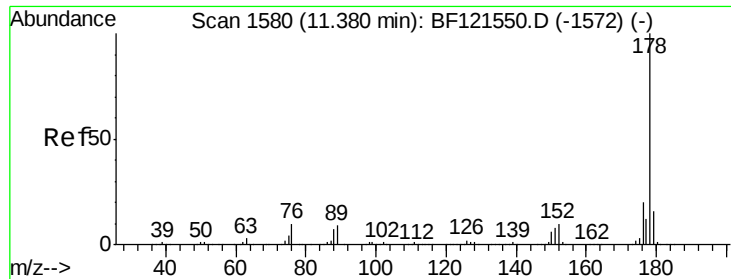
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121882.D
Acq: 7 Oct 2020 19:32

Tgt Ion:	188	Resp:	313911
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.3	12.5
80	11.9	9.1	13.7





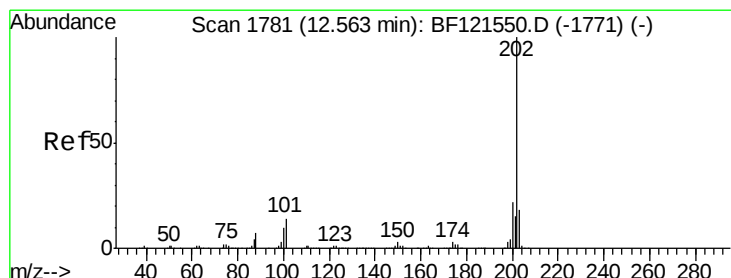
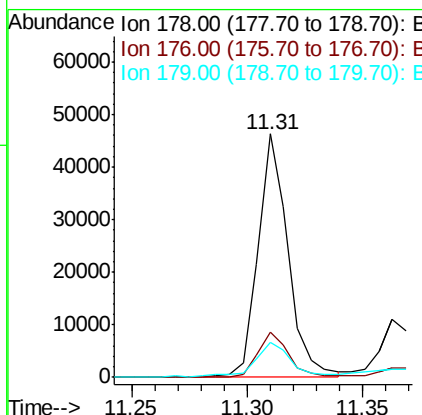
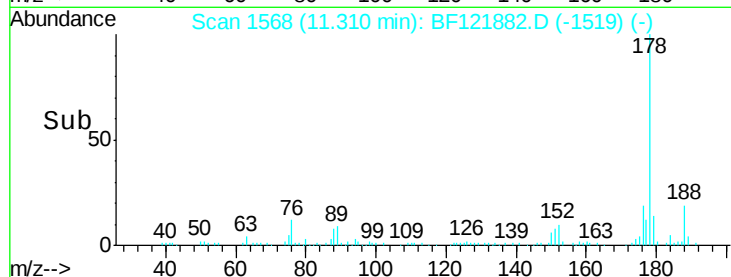
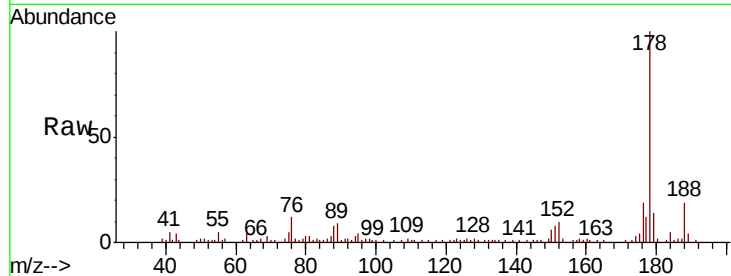
#71
Phenanthrene
Concen: 2.456 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF121882.D
Acq: 7 Oct 2020 19:32

Instrument :
BNA_F
ClientSampleId :
PAV-B17-100120-0-10

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	14.3	12.2	18.4

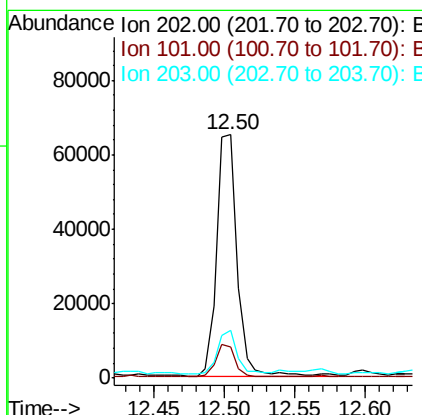
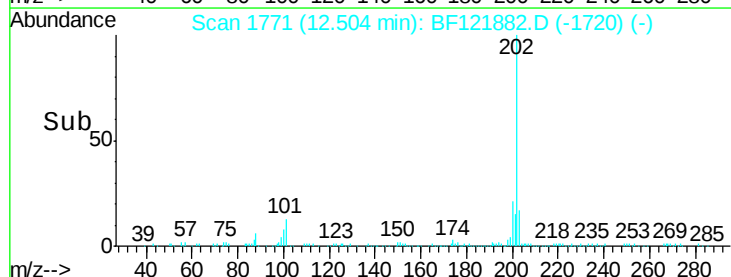
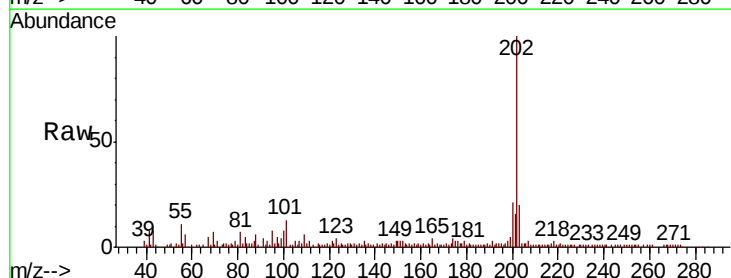
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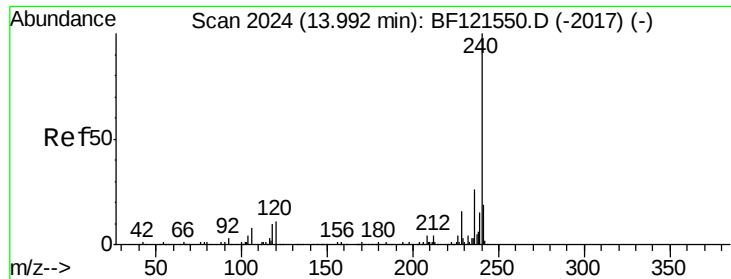
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#75
Fluoranthene
Concen: 3.561 ng
RT: 12.50 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BF121882.D
Acq: 7 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.4
203	19.5	0.0	37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF121882.D

Acq: 7 Oct 2020 19:32

Instrument :

BNA_F

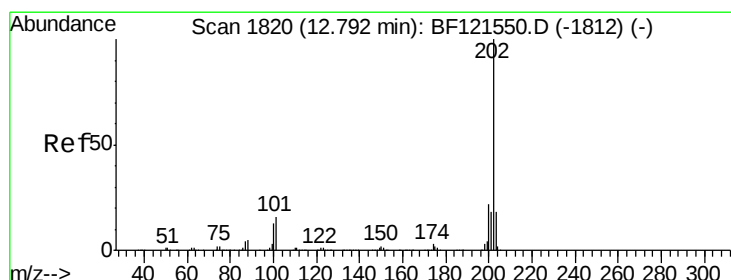
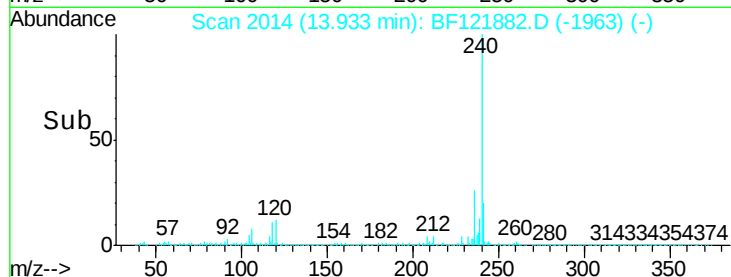
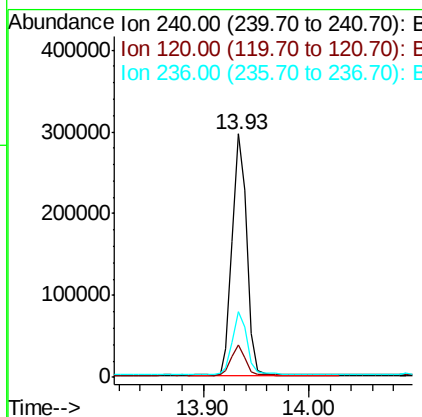
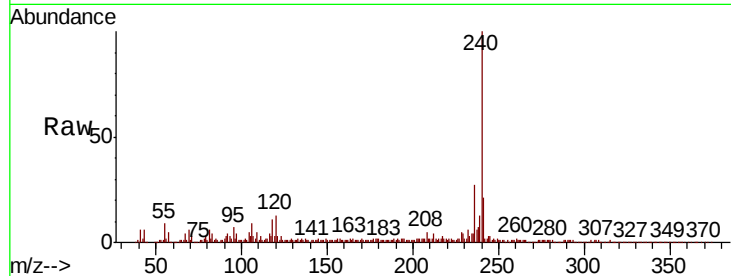
ClientSampleId :

PAV-B17-100120-0-10

Tot Ion:	240	Resp:	282652
Ion Ratio	Lower	Upper	
240	100		
120	13.1	9.2	13.8
236	26.8	20.9	31.3

Manual Integrations
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#78

Pyrene

Concen: 3.236 ng

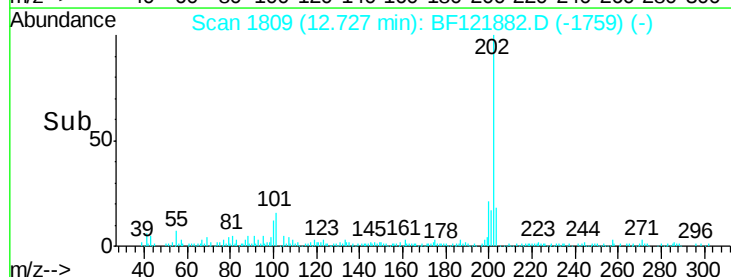
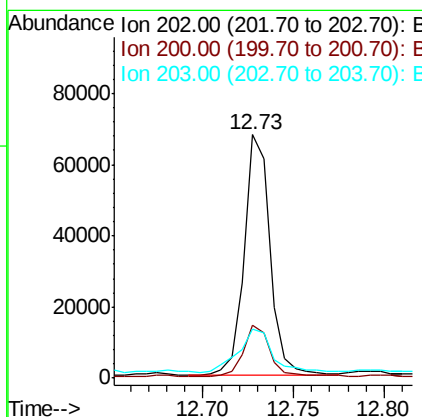
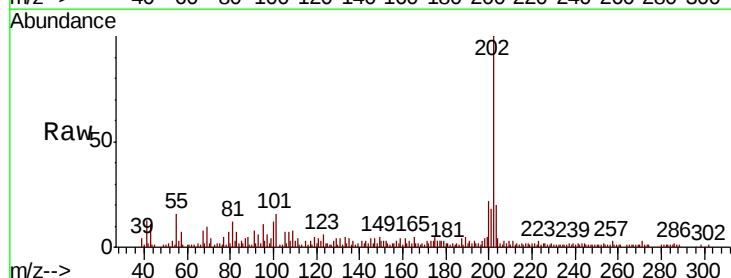
RT: 12.73 min Scan# 1809

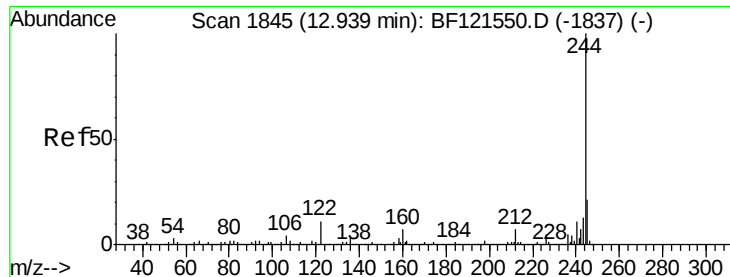
Delta R.T. -0.01 min

Lab File: BF121882.D

Acq: 7 Oct 2020 19:32

Tgt Ion:	202	Resp:	66830
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	20.3	14.6	21.8





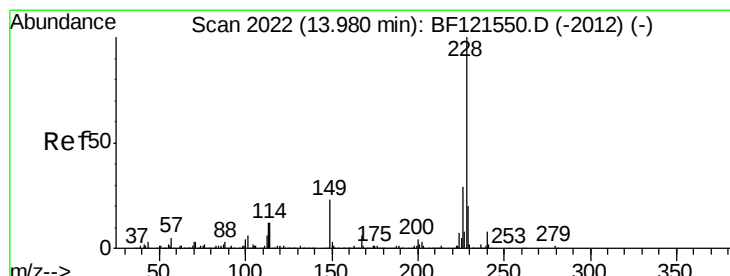
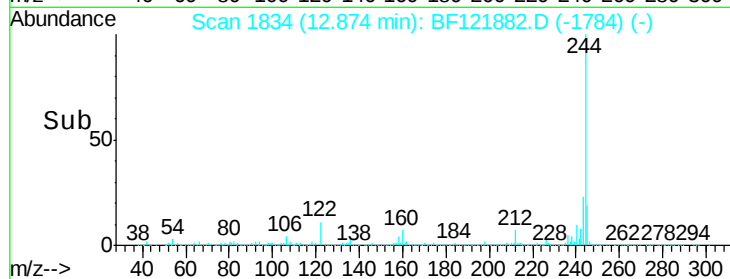
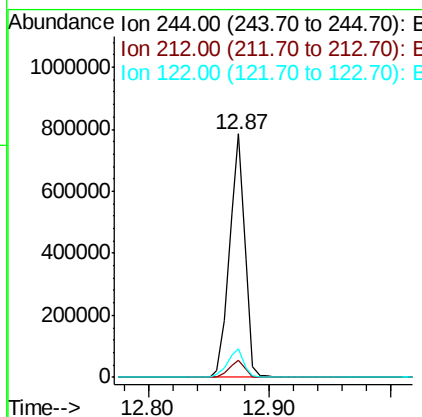
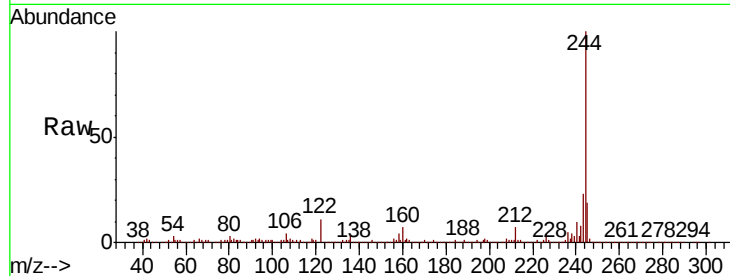
#79
 Terphenyl-d14
 Concen: 49.467 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF121882.D
 Acq: 7 Oct 2020 19:32

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B17-100120-0-10

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	11.5	8.1	12.1

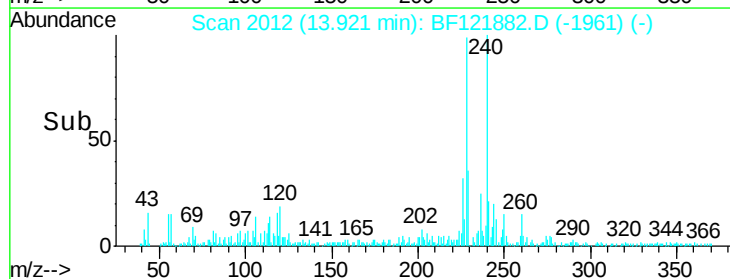
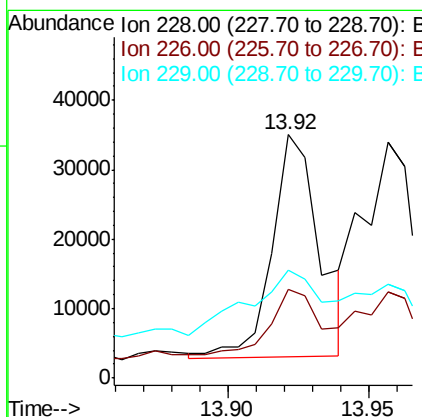
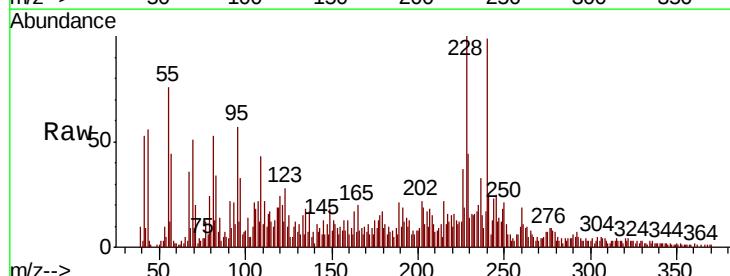
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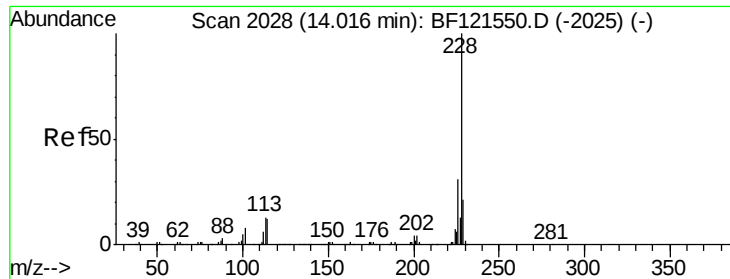
mohammad
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#81
 Benzo(a)anthracene
 Concen: 2.115 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BF121882.D
 Acq: 7 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.5	22.3	33.5#
229	44.4	16.2	24.4#





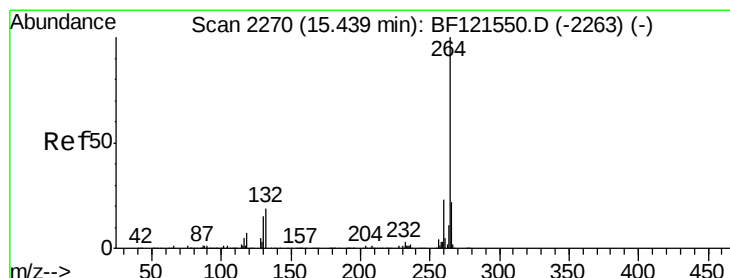
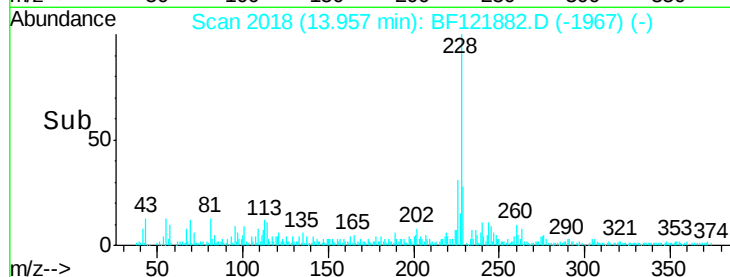
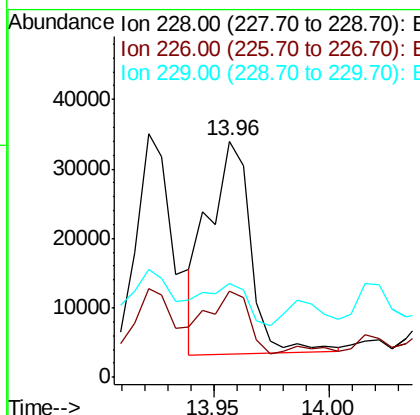
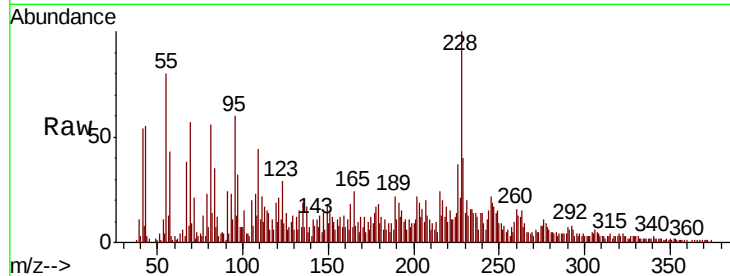
#83
 Chrysene
 Concen: 2.152 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF121882.D
 Acq: 7 Oct 2020 19:32

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B17-100120-0-10

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.6	24.6	37.0
229	39.8	15.9	23.9

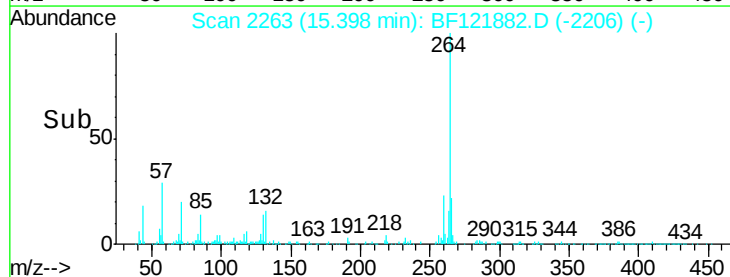
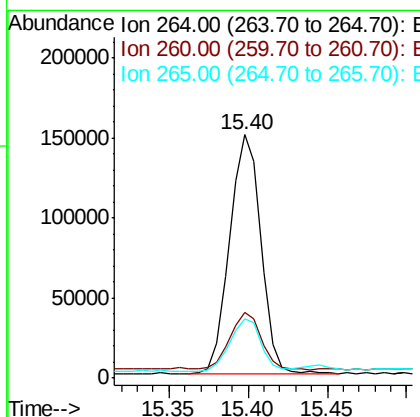
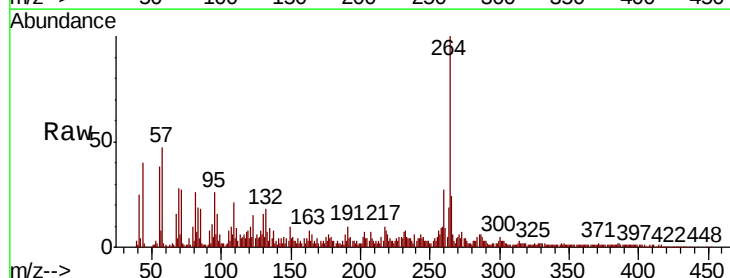
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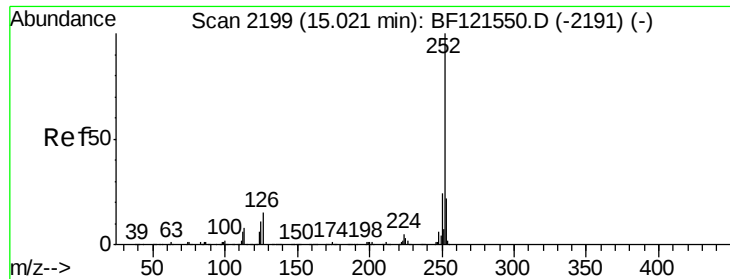
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.04 min
 Lab File: BF121882.D
 Acq: 7 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.9	18.7	28.1
265	24.2	17.3	25.9





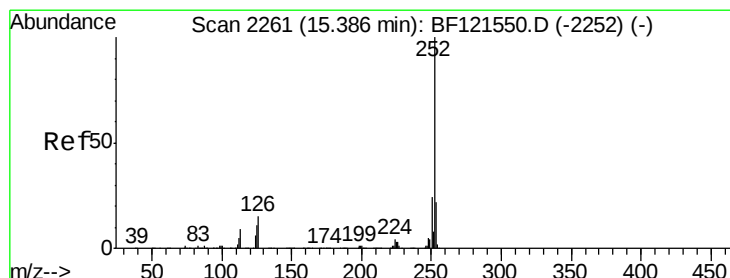
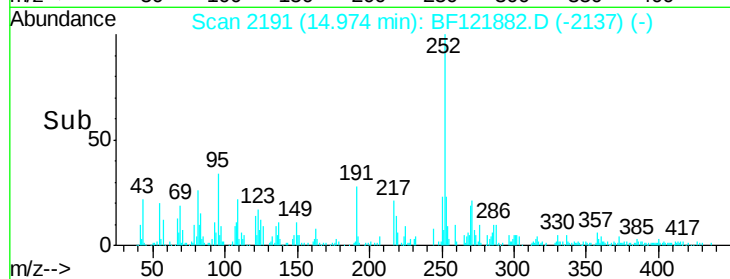
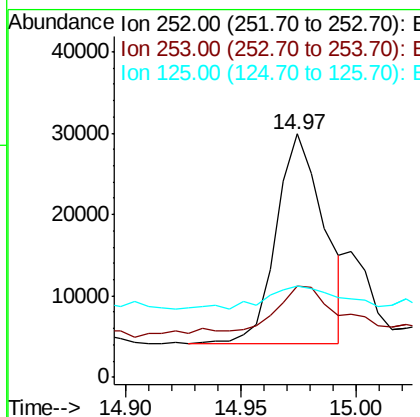
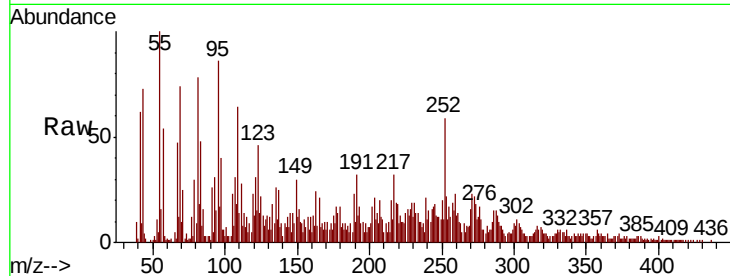
#88
Benzo(b)fluoranthene
Concen: 2.711 ng m
RT: 14.97 min Scan# 2191
Delta R.T. 0.02 min
Lab File: BF121882.D
Acq: 7 Oct 2020 19:32

Instrument :
BNA_F
ClientSampleId :
PAV-B17-100120-0-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.4	18.2	27.2#
125	37.6	8.0	12.0#

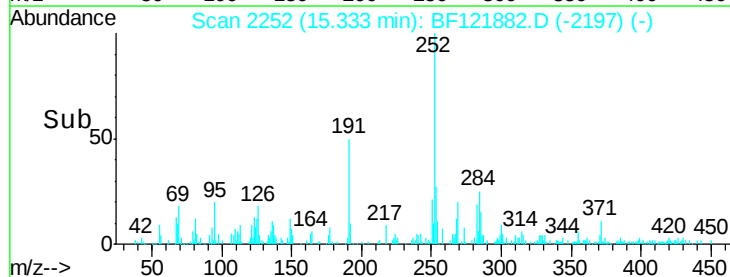
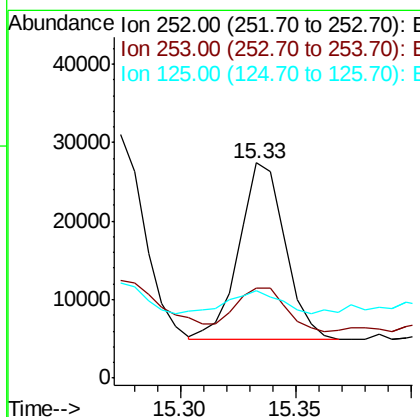
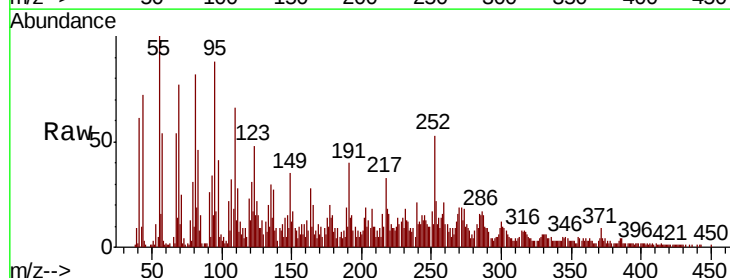
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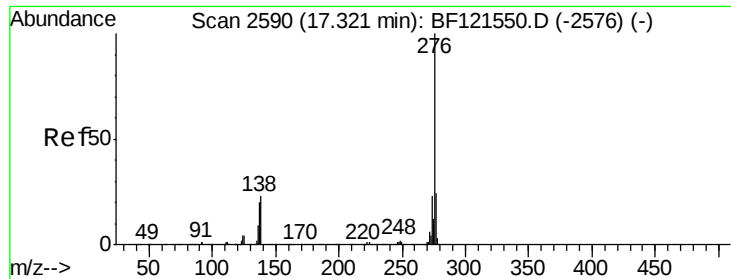
mohammad
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#90
Benzo(a)pyrene
Concen: 2.690 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF121882.D
Acq: 7 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.8	17.3	25.9#
125	40.6	8.6	13.0#





#92
 Benzo(a,h,i)perylene
 Concen: 2.134 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. 0.07 min
 Lab File: BF121882.D
 Acq: 7 Oct 2020 19:32

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B17-100120-0-10

Tot Ion	Ratio	Lower	Upper
276	100		
277	40.1	19.4	29.2#
138	36.6	17.8	26.6#

Manual Integrations
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