

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121871.D
 Acq On : 7 Oct 2020 13:52
 Operator : JU/CG
 Sample : L4242-03 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B24-100120-0-10

Manual Integrations
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Quant Time: Oct 07 14:48:11 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	120444	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	470179	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	230577	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	377536	20.00	ng	0.00
76) Chrysene-d12	13.93	240	256816	20.00	ng	0.00
86) Perylene-d12	15.37	264	271112	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	129636	16.00	ng	0.00
7) Phenol-d6	6.41	99	170599	16.04	ng	0.00
23) Nitrobenzene-d5	7.33	82	111709	12.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	35958	12.55	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	225078	14.78	ng	-0.01
79) Terphenyl-d14	12.87	244	177295	13.99	ng	-0.01
Target Compounds						
71) Phenanthrene	11.31	178	129262	6.284	ng	99
75) Fluoranthene	12.50	202	146542	6.674	ng	99
78) Pyrene	12.73	202	146467	7.806	ng	98
81) Benzo(a)anthracene	13.92	228	67606	4.161	ng	97
83) Chrysene	13.95	228	61205m	3.720	ng	
87) Indeno(1,2,3-cd)pyrene	16.79	276	51927	2.941	ng	97
88) Benzo(b)fluoranthene	14.96	252	92191m	5.087	ng	
90) Benzo(a)pyrene	15.31	252	70314	4.564	ng	# 91
92) Benzo(g,h,i)perylene	17.22	276	61865	4.282	ng	95

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

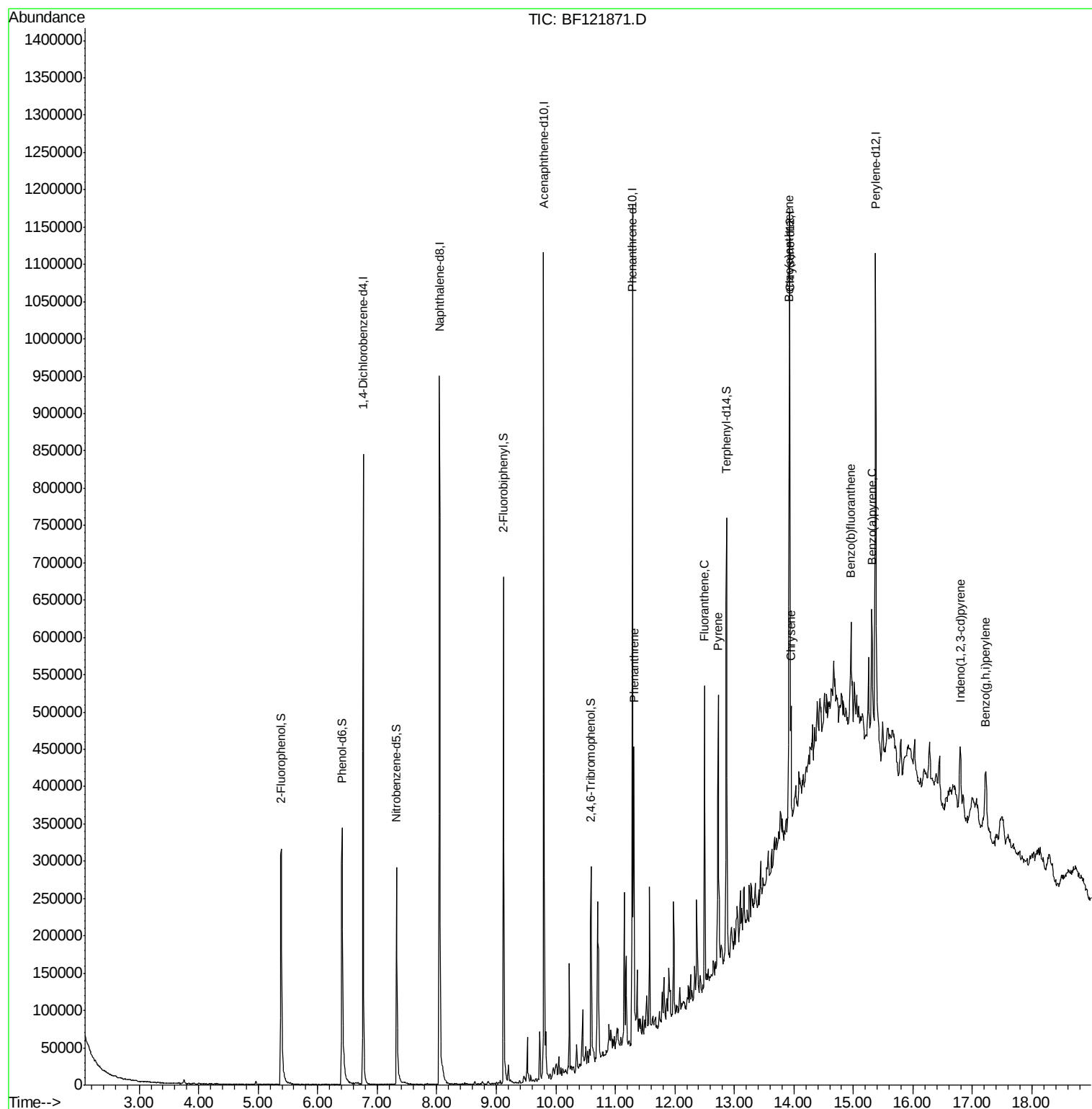
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121871.D
Acq On : 7 Oct 2020 13:52
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





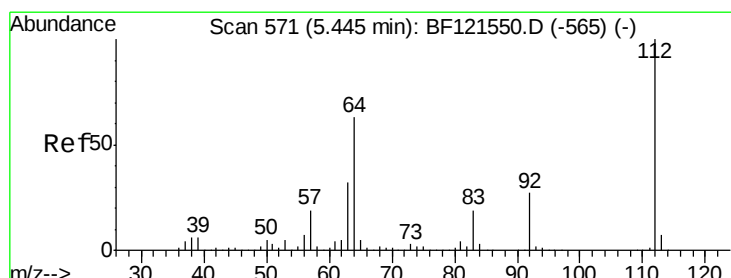
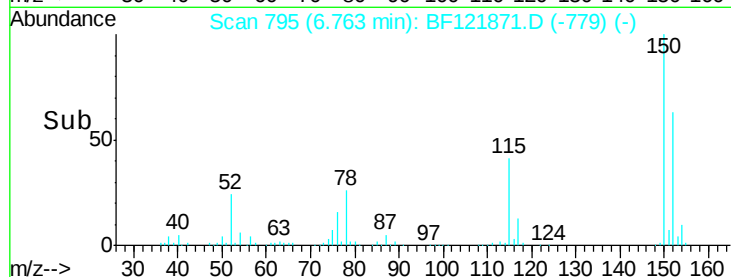
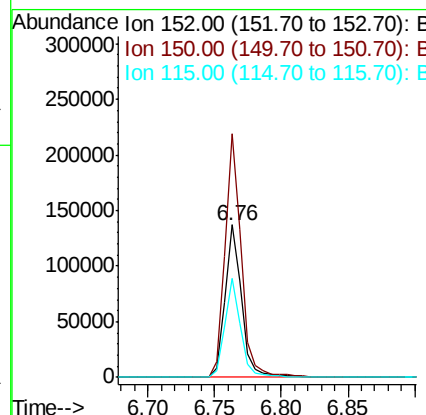
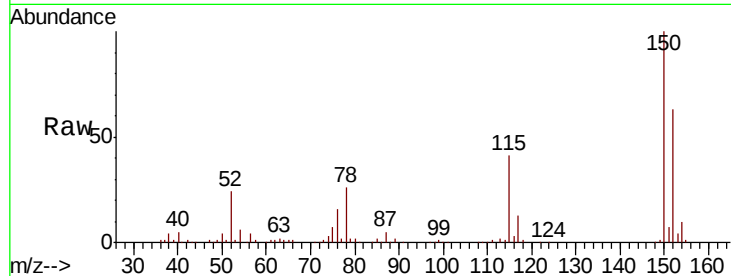
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF121871.D
 Acq: 7 Oct 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B24-100120-0-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	125.3	187.9
115	65.3	51.9	77.9

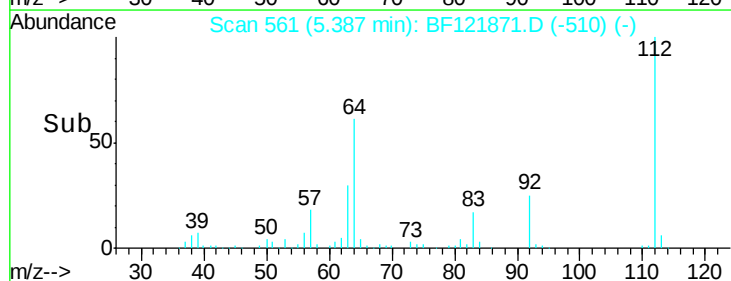
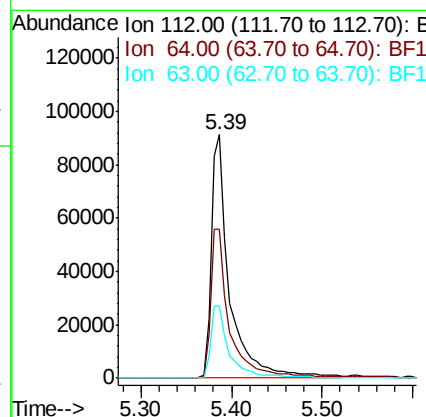
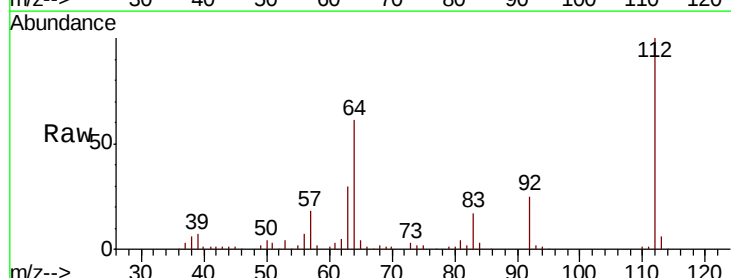
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#5
 2-Fluorophenol
 Concen: 15.995 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF121871.D
 Acq: 7 Oct 2020 13:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	50.4	75.6
63	29.6	25.8	38.6





#7

Phenol-d6

Concen: 16.045 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121871.D

Acq: 7 Oct 2020 13:52

Instrument :

BNA_F

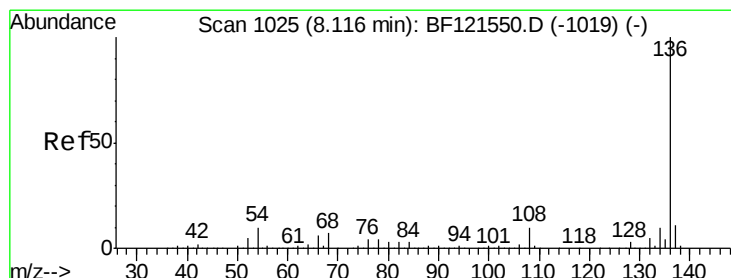
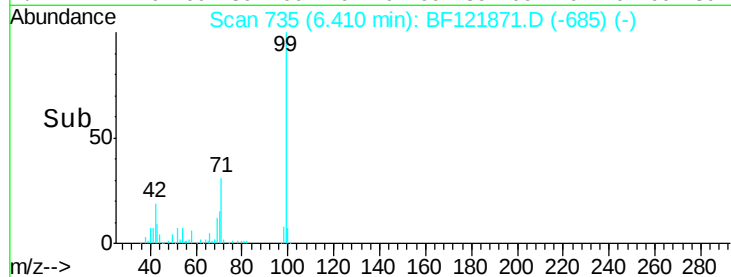
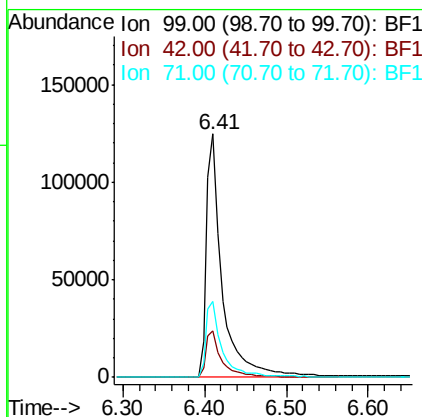
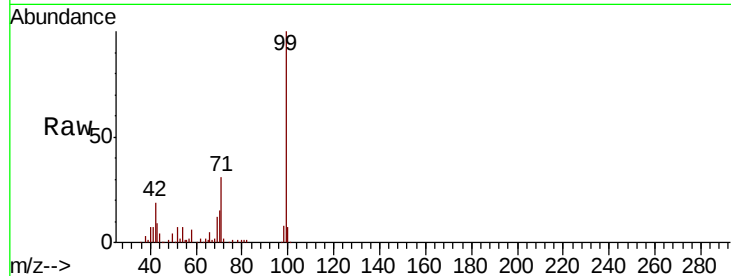
ClientSampleId :

PAV-B24-100120-0-10

Tot Ion:	99	Resp:	170599
Ion Ratio	Lower	Upper	
99	100		
42	18.9	15.9	23.9
71	31.3	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

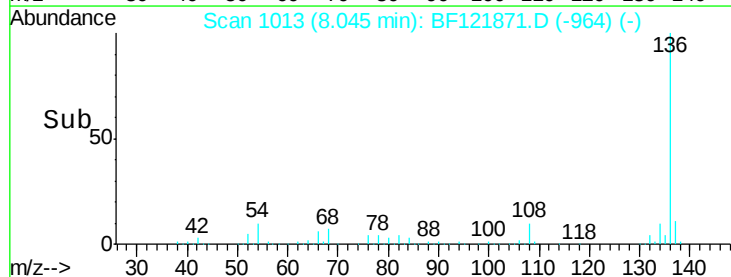
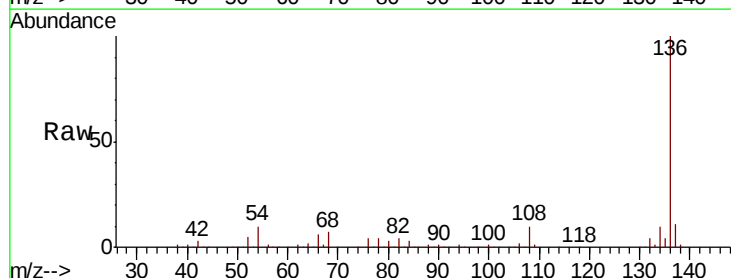
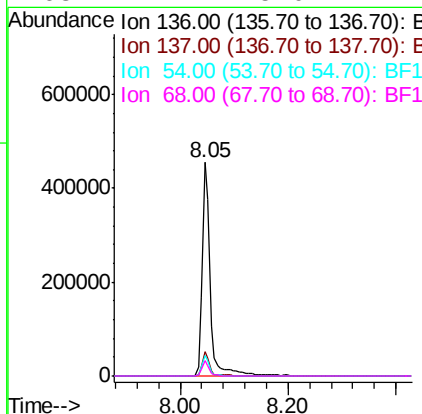
RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121871.D

Acq: 7 Oct 2020 13:52

Tgt Ion:	136	Resp:	470179
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	9.6	7.1	10.7
68	7.1	5.0	7.4





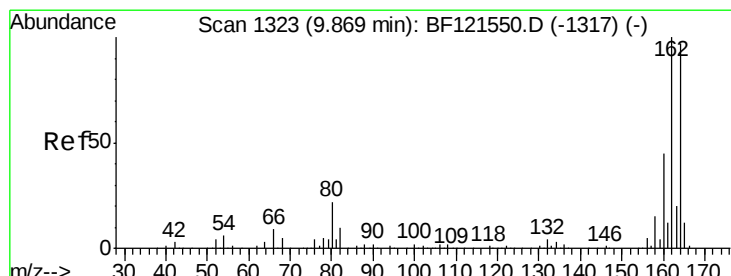
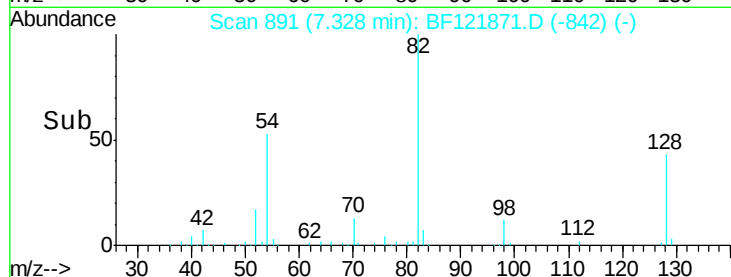
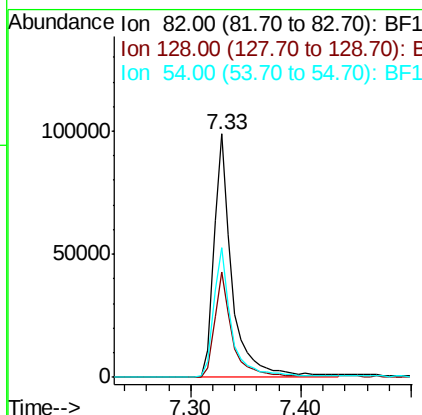
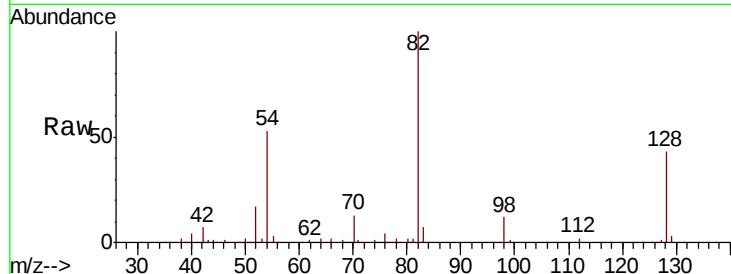
#23
 Nitrobenzene-d5
 Concen: 12.757 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF121871.D
 Acq: 7 Oct 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B24-100120-0-10

Tot Ion:	82	Resp:	111709
Ion Ratio	Lower	Upper	
82	100		
128	43.2	35.0	52.4
54	53.2	43.9	65.9

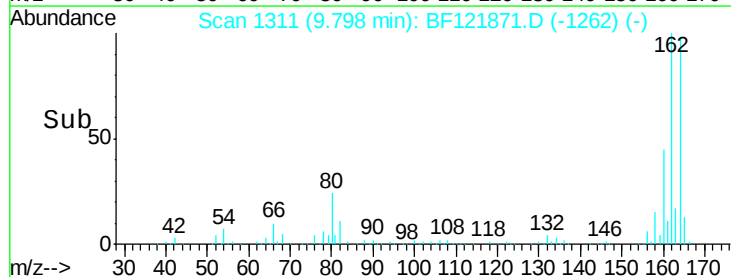
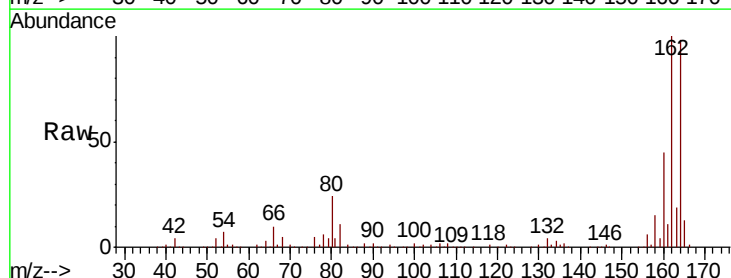
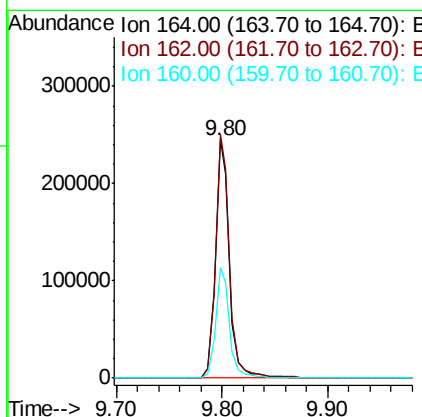
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF121871.D
 Acq: 7 Oct 2020 13:52

Tgt Ion:	164	Resp:	230577
Ion Ratio	Lower	Upper	
164	100		
162	102.1	83.2	124.8
160	46.4	37.5	56.3





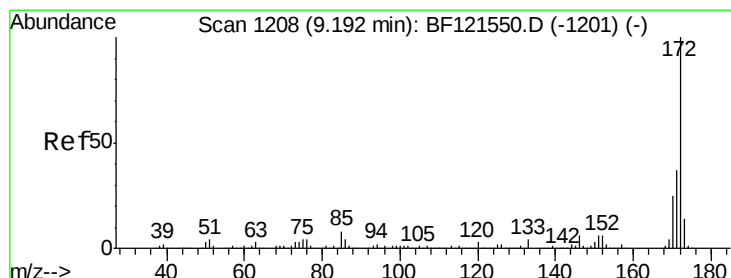
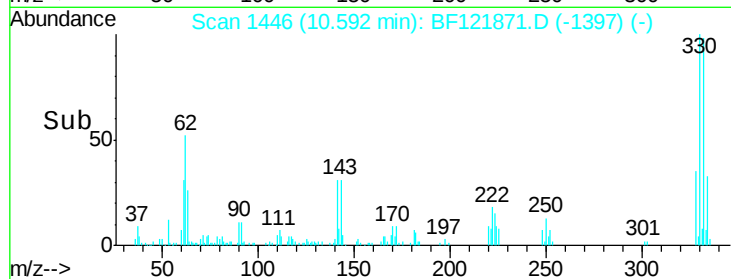
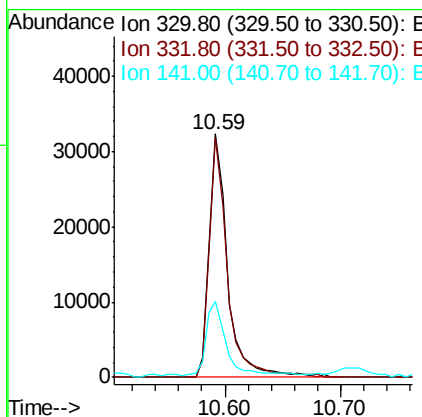
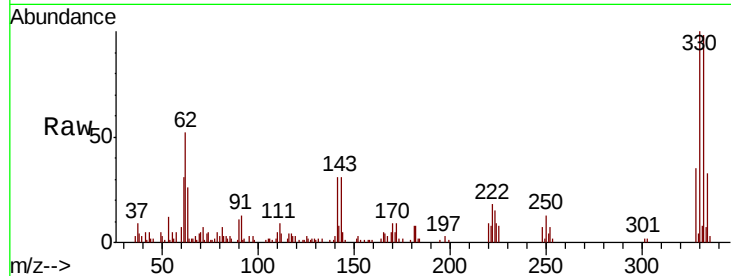
#42
 2,4,6-Tribromophenol
 Concen: 12.547 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121871.D
 Acq: 7 Oct 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B24-100120-0-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	35.0	22.3	33.5#

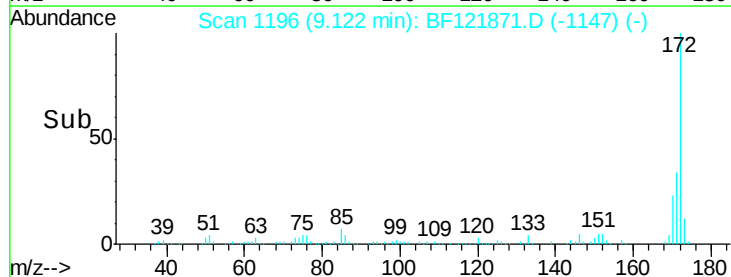
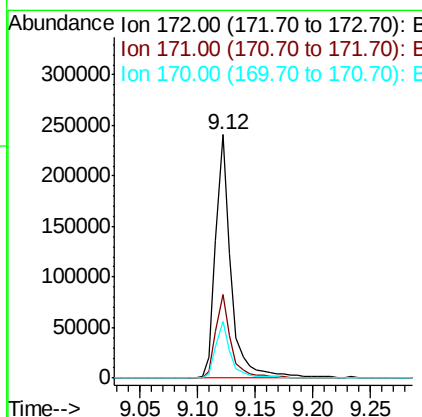
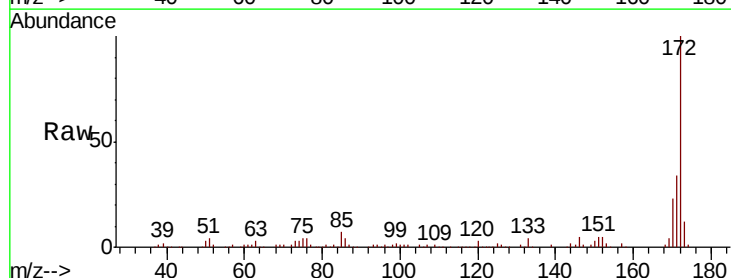
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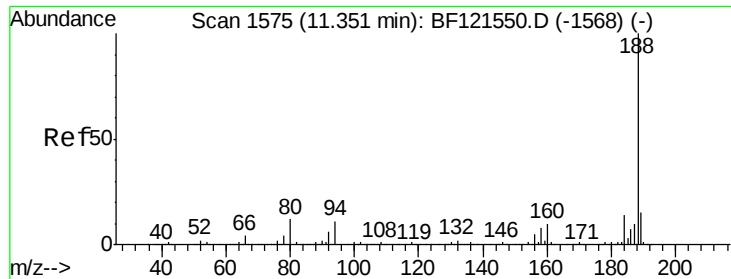
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#45
 2-Fluorobiphenyl
 Concen: 14.784 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121871.D
 Acq: 7 Oct 2020 13:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.1	43.7
170	23.2	19.8	29.6





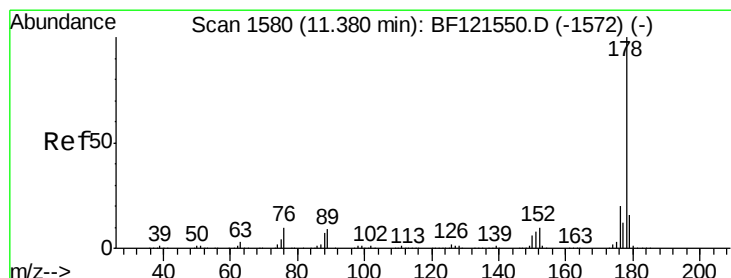
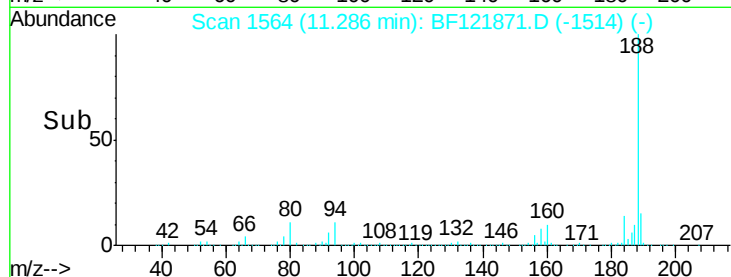
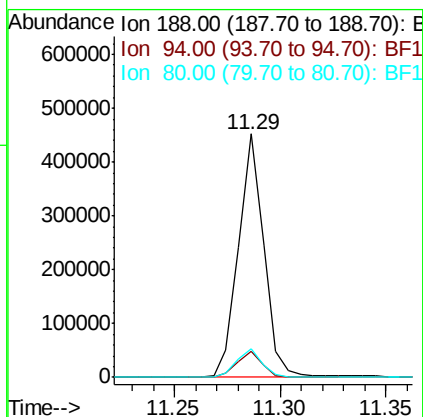
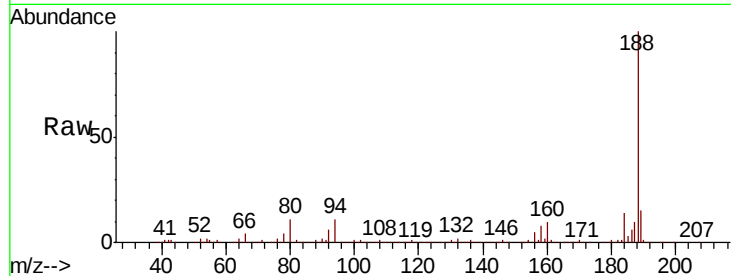
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121871.D
Acq: 7 Oct 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PAV-B24-100120-0-10

Tot Ion	Ratio	Resp	Lower	Upper
188	100	377536		
94	10.8		8.3	12.5
80	11.5		9.1	13.7

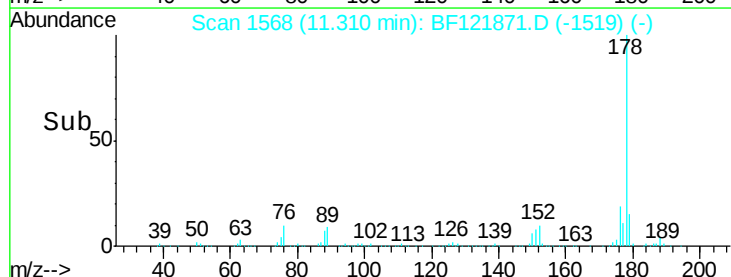
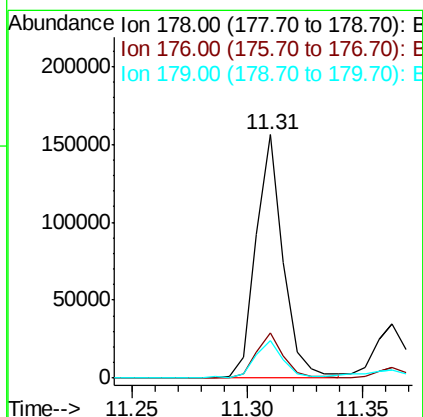
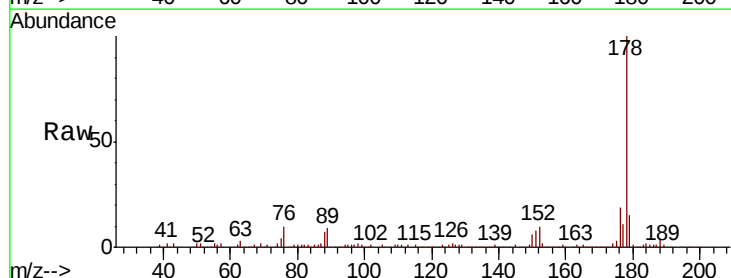
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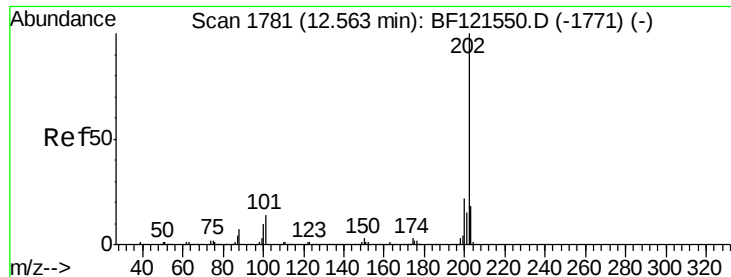
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#71
Phenanthrene
Concen: 6.284 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF121871.D
Acq: 7 Oct 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	129262		
176	18.8		15.9	23.9
179	15.3		12.2	18.4





#75

Fluoranthene

Concen: 6.674 ng

RT: 12.50 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF121871.D

Acq: 7 Oct 2020 13:52

Instrument :

BNA_F

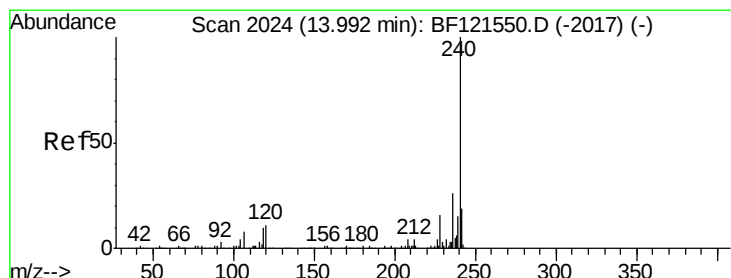
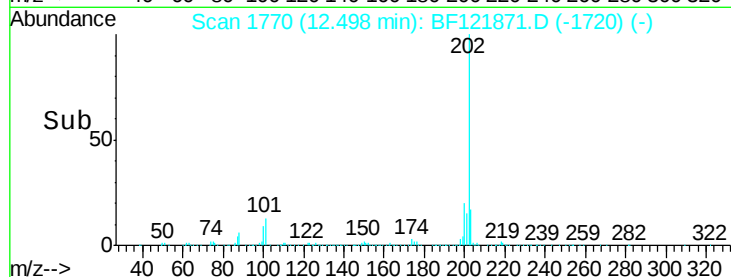
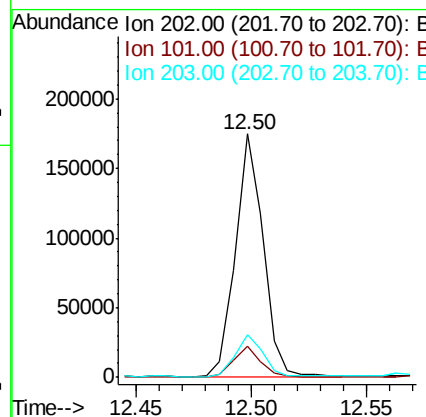
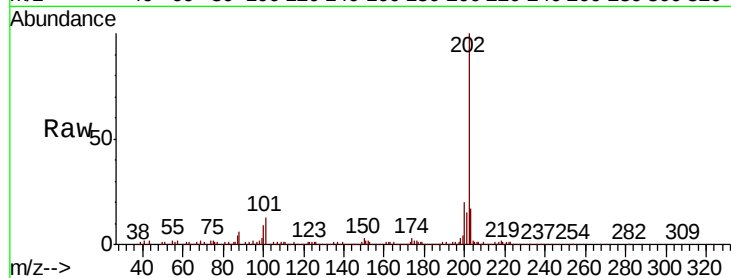
ClientSampleId :

PAV-B24-100120-0-10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		146542		
101	12.7	0.0	33.4		
203	17.5	0.0	37.9		

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#76

Chrysene-d12

Concen: 20.000 ng

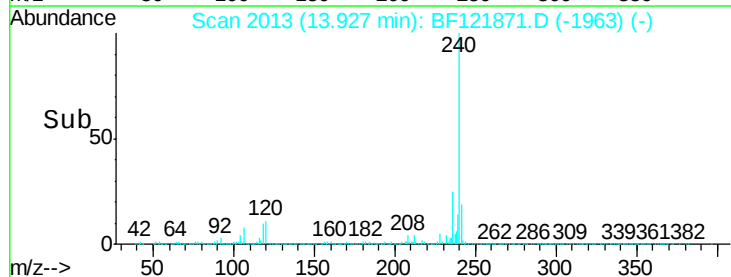
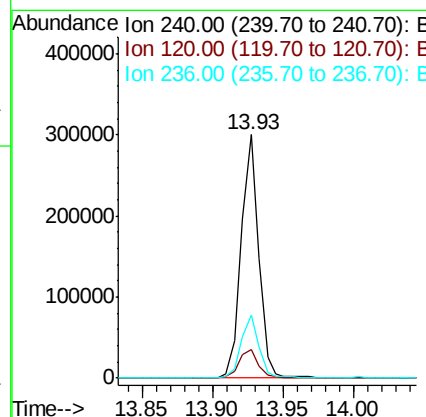
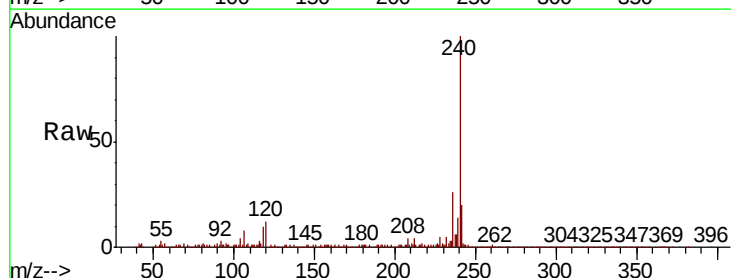
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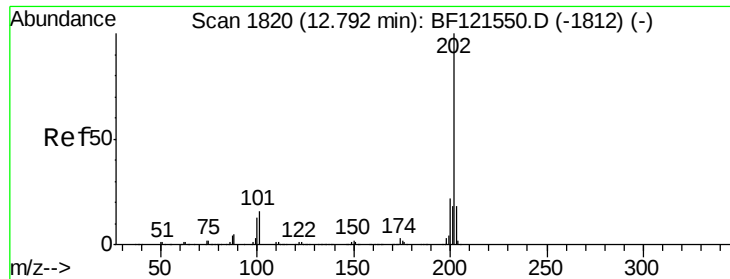
Delta R.T. -0.01 min

Lab File: BF121871.D

Acq: 7 Oct 2020 13:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		256816		
120	11.6	9.2	13.8		
236	25.7	20.9	31.3		





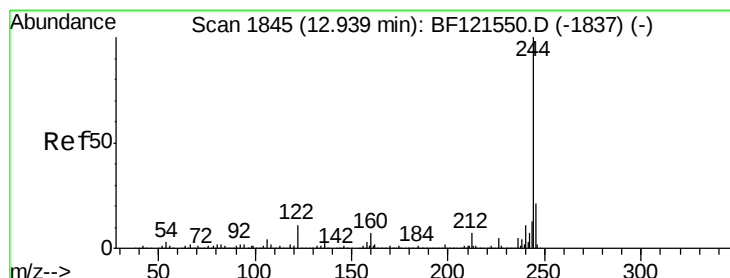
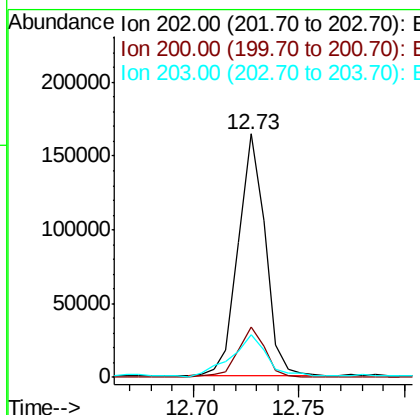
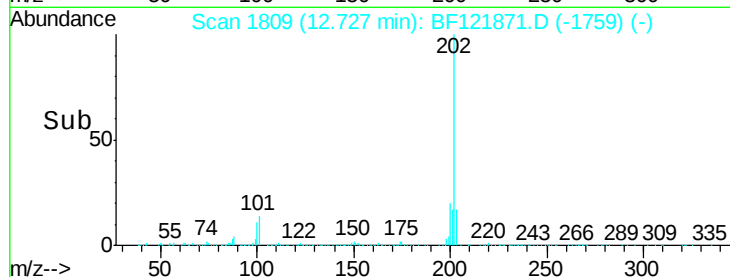
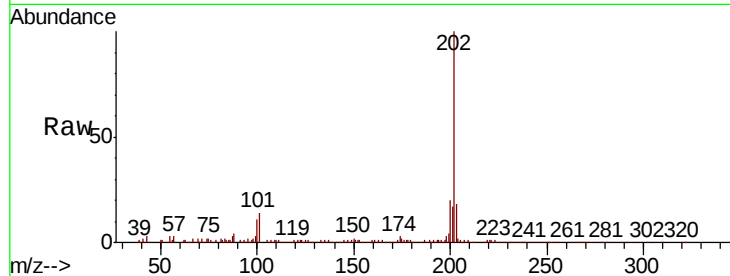
#78
Pvrene
Concen: 7.806 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF121871.D
Acq: 7 Oct 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PAV-B24-100120-0-10

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.6	14.6	21.8

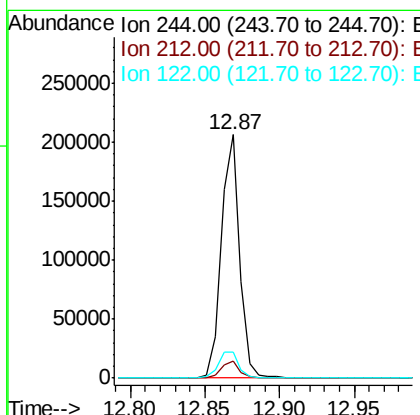
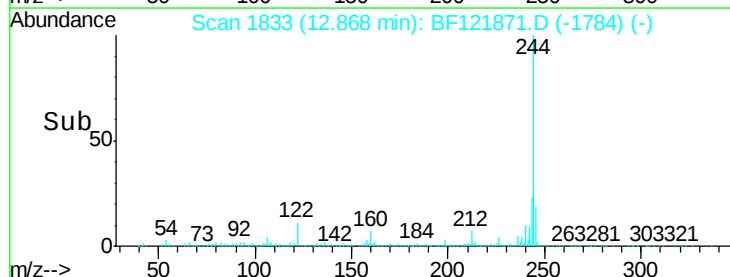
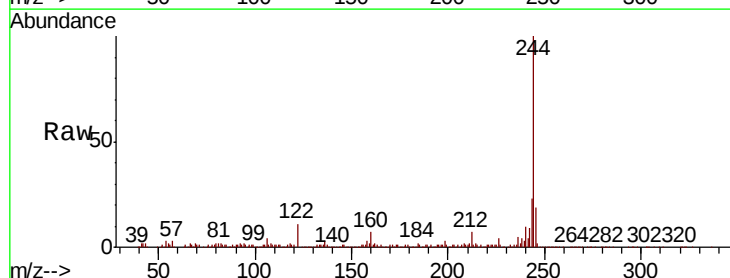
Manual Integrations
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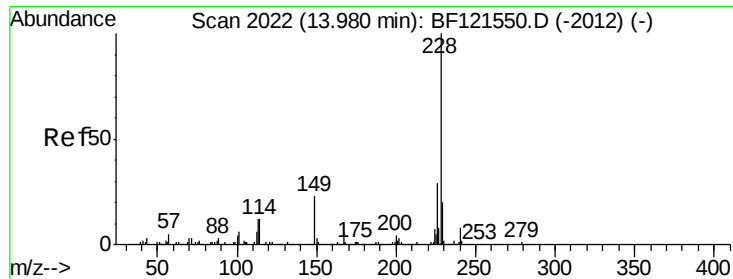
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#79
Terphenyl-d14
Concen: 13.986 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF121871.D
Acq: 7 Oct 2020 13:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	10.6	8.1	12.1





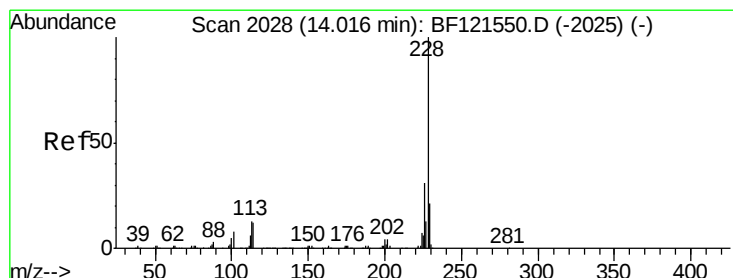
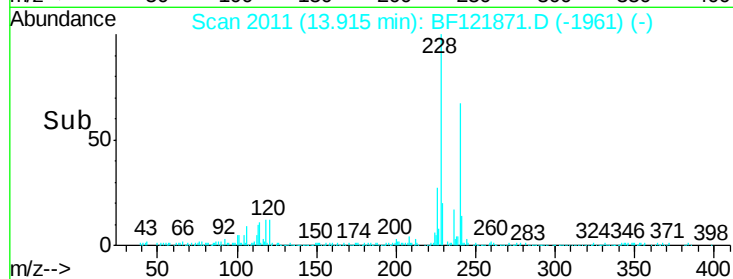
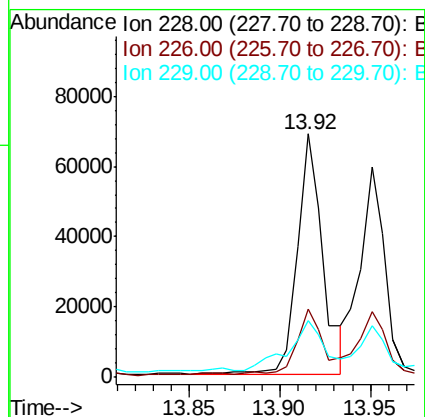
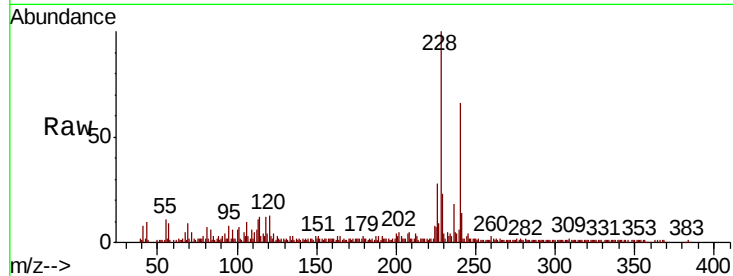
#81
Benzo(a)anthracene
Concen: 4.161 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF121871.D
Acq: 7 Oct 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PAV-B24-100120-0-10

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	23.1	16.2	24.4

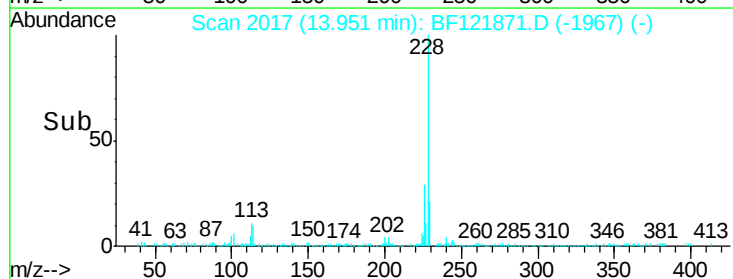
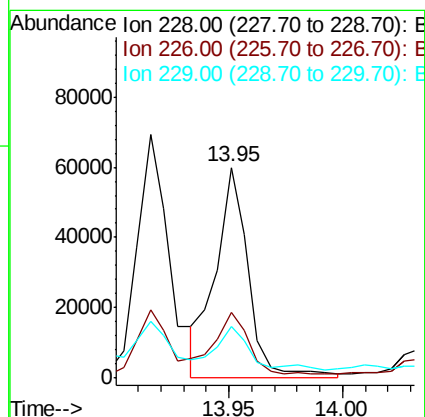
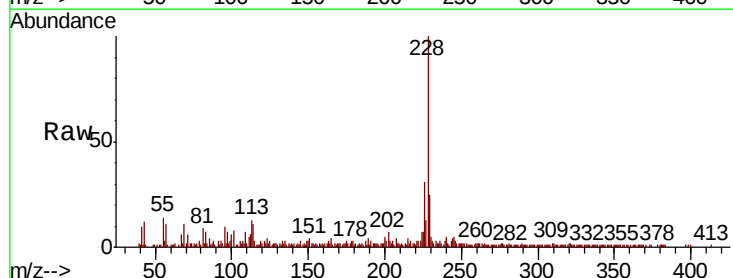
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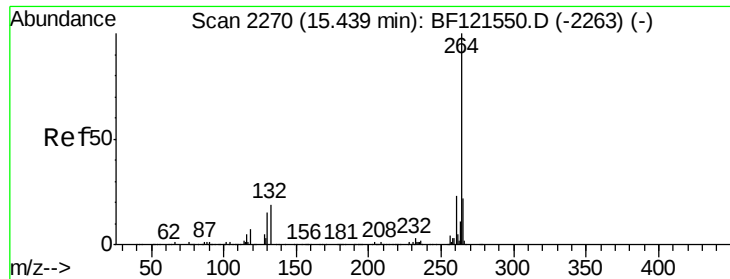
mohammad
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#83
Chrysene
Concen: 3.720 ng m
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF121871.D
Acq: 7 Oct 2020 13:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	24.7	15.9	23.9#





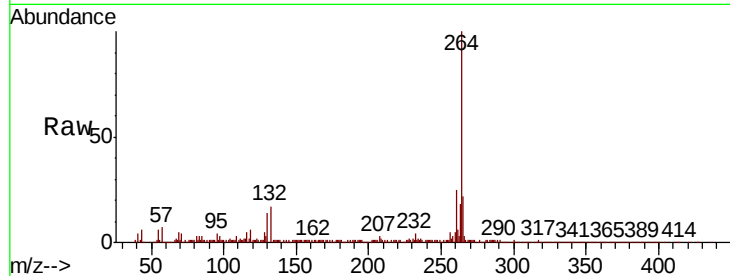
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF121871.D
Acq: 7 Oct 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PAV-B24-100120-0-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.9	17.3	25.9

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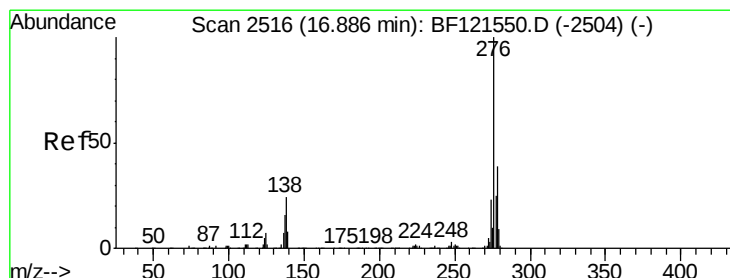
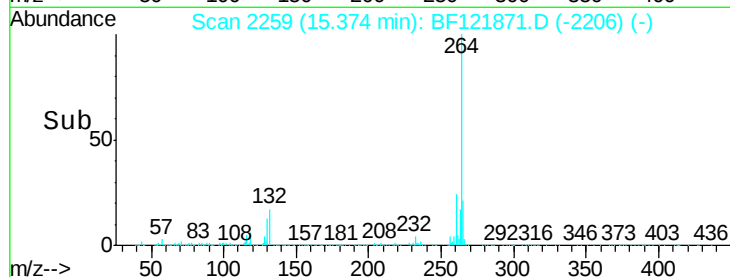
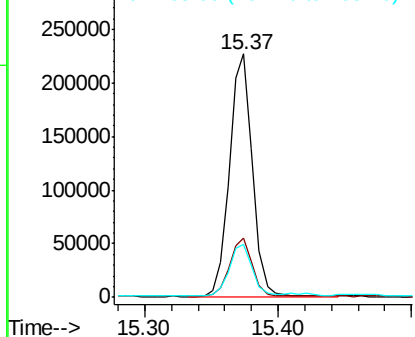


Abundance

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



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.941 ng
RT: 16.79 min Scan# 2500
Delta R.T. 0.01 min
Lab File: BF121871.D
Acq: 7 Oct 2020 13:52

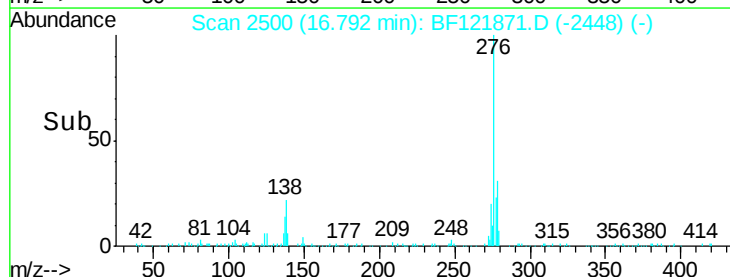
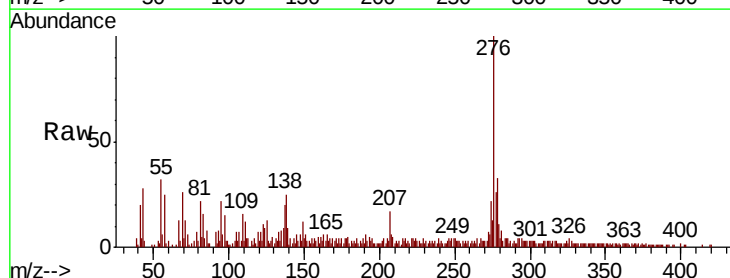
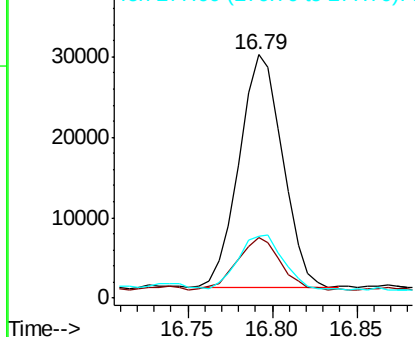
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	19.9	29.9
277	24.1	20.4	30.6

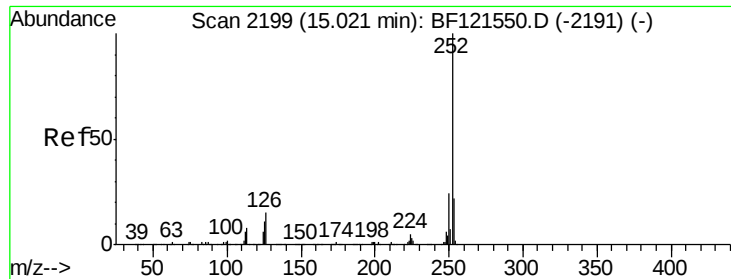
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





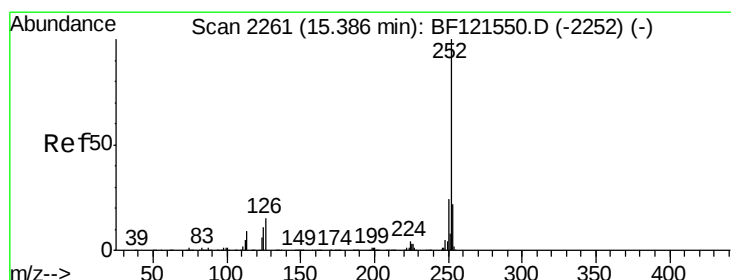
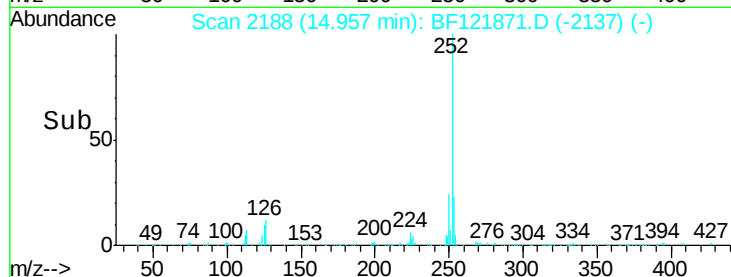
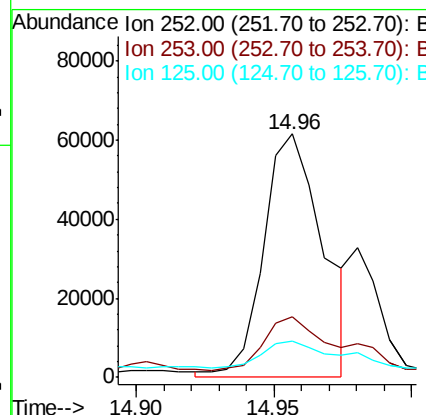
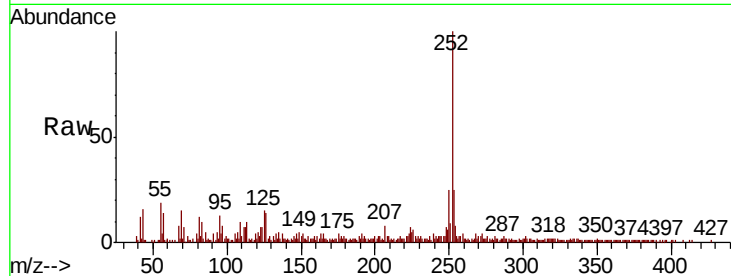
#88
Benzo(b)fluoranthene
Concen: 5.087 ng m
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF121871.D
Acq: 7 Oct 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PAV-B24-100120-0-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.2
125	14.9	8.0	12.0

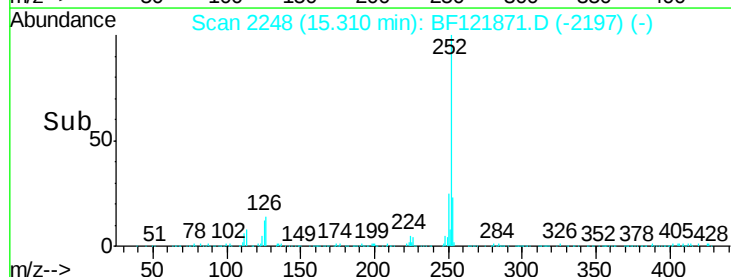
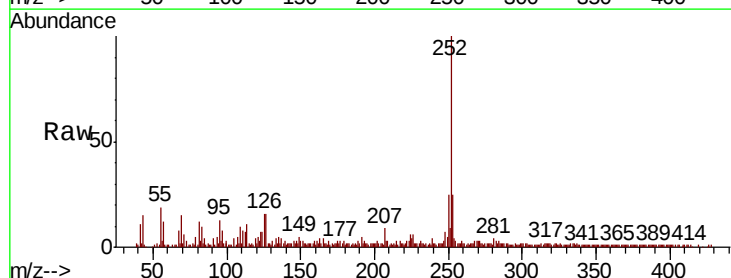
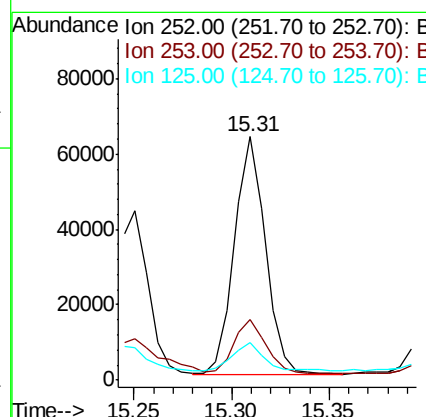
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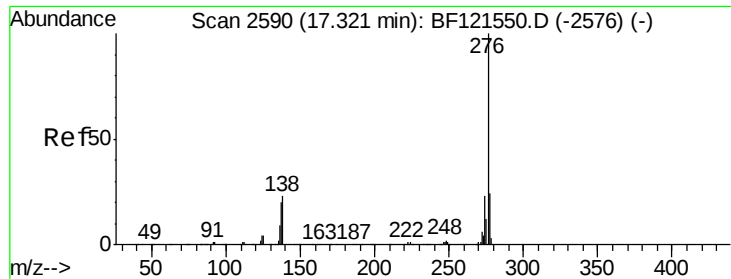
mohammad
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#90
Benzo(a)pyrene
Concen: 4.564 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF121871.D
Acq: 7 Oct 2020 13:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.3	25.9
125	15.5	8.6	13.0





#92
 Benzo(a,h,i)perylene
 Concen: 4.282 ng
 RT: 17.22 min Scan# 2573
 Delta R.T. 0.01 min
 Lab File: BF121871.D
 Acq: 7 Oct 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B24-100120-0-10

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.4	29.2
138	25.8	17.8	26.6

Manual Integrations
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