

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF092220\
 Data File : BF121650.D
 Acq On : 22 Sep 2020 20:22
 Operator : JU/CG
 Sample : L4104-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17

Manual Integrations
 APPROVED

mohammad
 9/23/2020 10:43:21 AM

Quant Time: Sep 29 14:21:08 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	149064	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	584106	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	310680	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	590473	20.00	ng	0.00
76) Chrysene-d12	13.97	240	446554	20.00	ng	0.00
86) Perylene-d12	15.42	264	325623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	932724	92.99	ng	0.00
7) Phenol-d6	6.45	99	1222732	92.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	837339	76.97	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	413601	107.11	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1458565	71.10	ng	0.00
79) Terphenyl-d14	12.92	244	1571002	71.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	202023	8.972	ng	100
75) Fluoranthene	12.54	202	123991	3.610	ng	99
78) Pyrene	12.77	202	118860	3.643	ng	98
81) Benzo(a)anthracene	13.96	228	72218	2.556	ng	98
83) Chrysene	14.00	228	62607	2.188	ng	96
88) Benzo(b)fluoranthene	15.00	252	85687m	3.936	ng	
90) Benzo(a)pyrene	15.36	252	64183	3.469	ng	# 94
92) Benzo(g,h,i)perylene	17.28	276	47091	2.714	ng	# 95

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

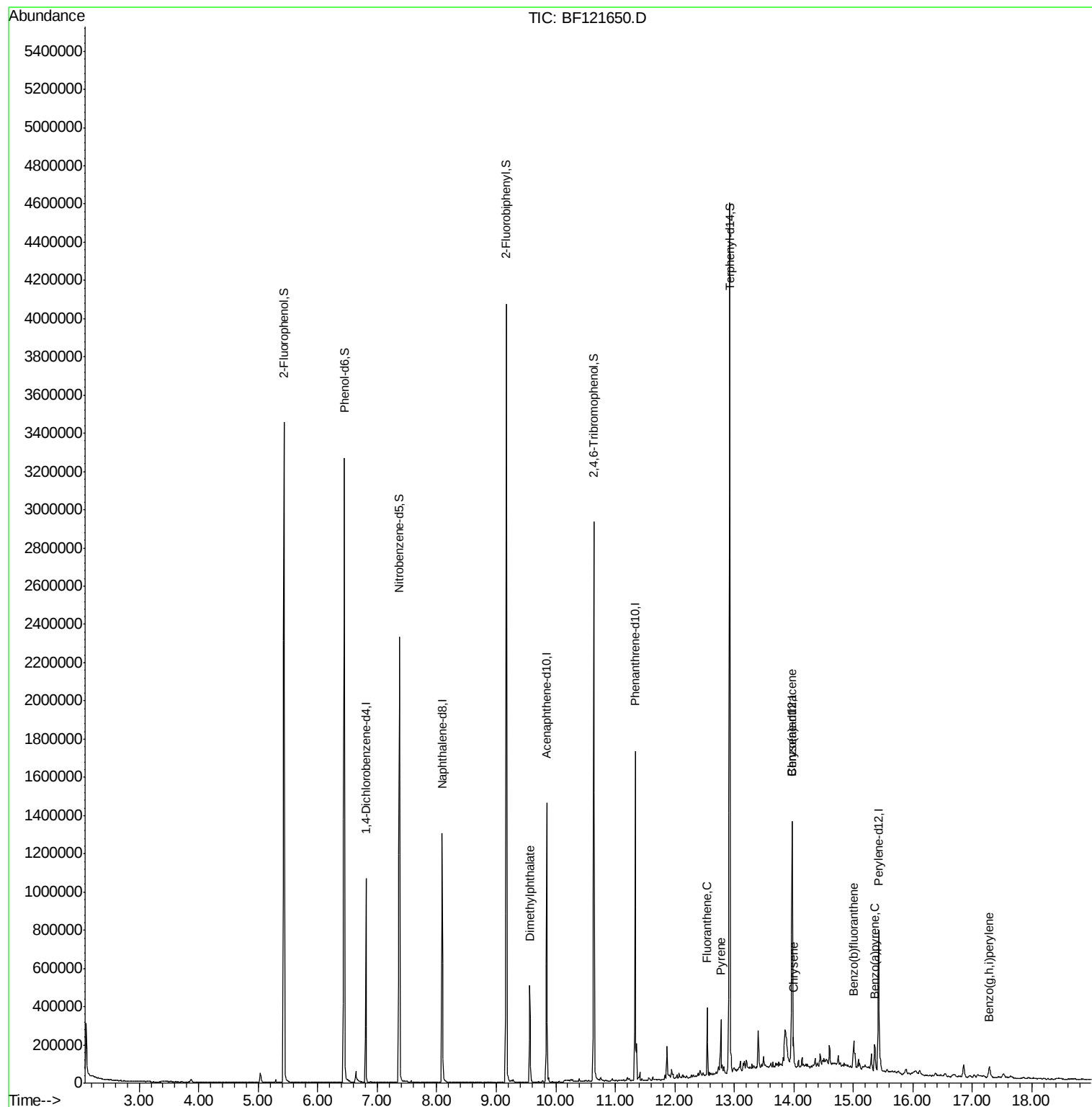
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF092220\
Data File : BF121650.D
Acq On : 22 Sep 2020 20:22
Operator : JU/CG
Sample : L4104-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

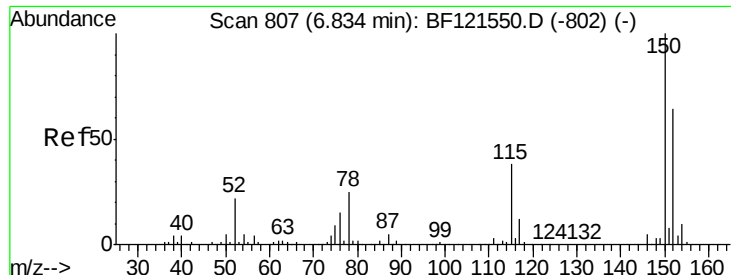
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

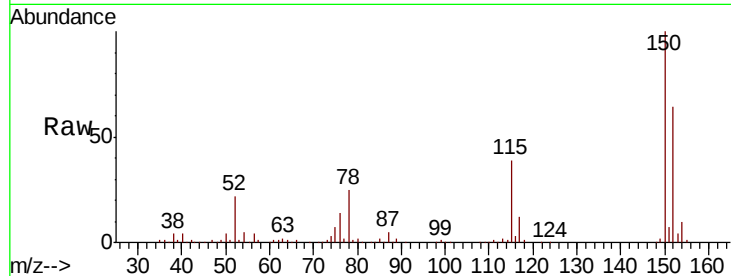
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121650.D
Acq: 22 Sep 2020 20:22

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	128.1	192.1
115	60.3	52.6	79.0

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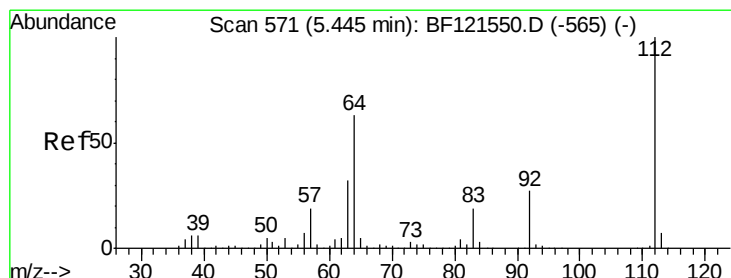
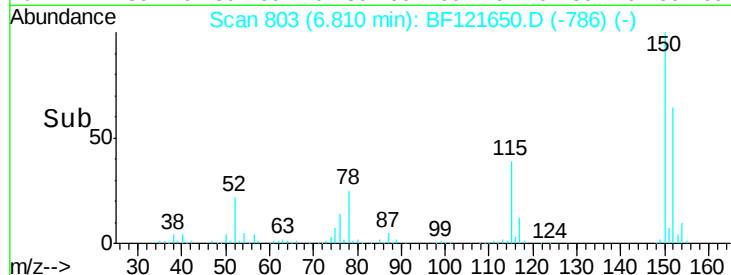
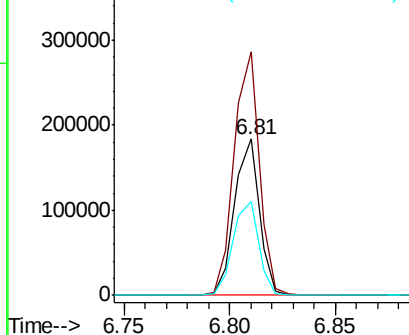


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

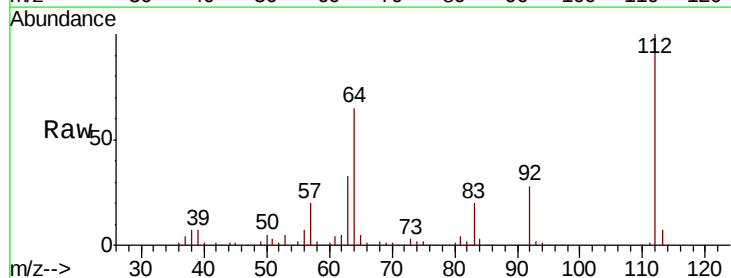
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.990 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121650.D
Acq: 22 Sep 2020 20:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	52.2	78.2
63	32.8	26.6	39.8

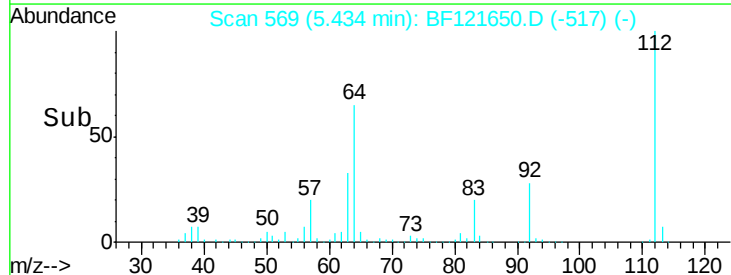
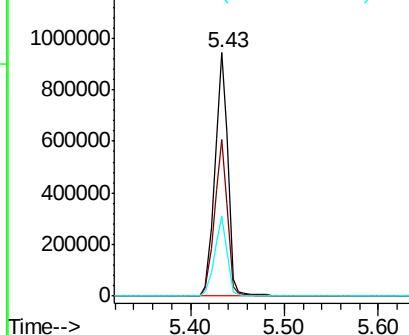


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.918 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121650.D

Acq: 22 Sep 2020 20:22

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17

Tot Ion: 99 Resp: 1222732

Ion Ratio Lower Upper

99 100

42 20.1 15.5 23.3

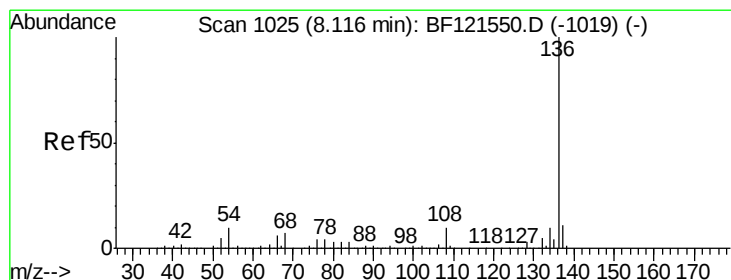
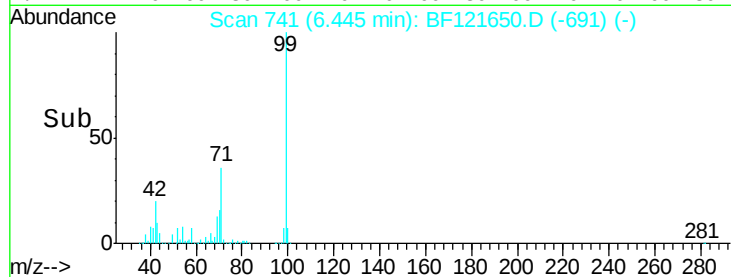
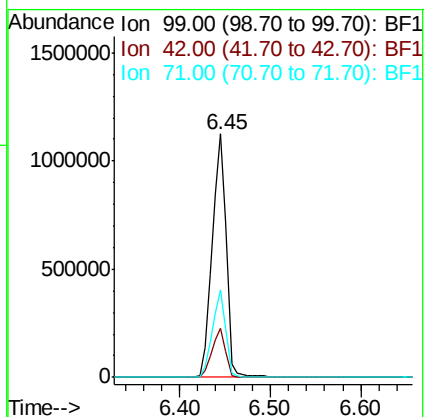
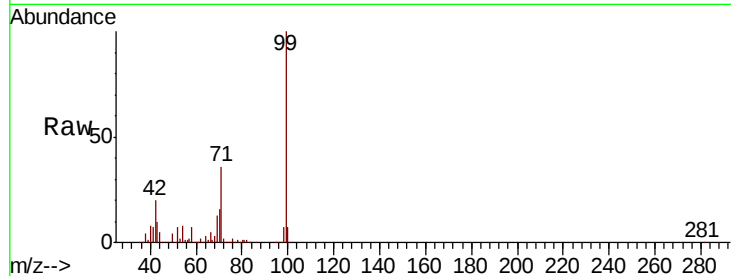
71 35.8 27.4 41.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121650.D

Acq: 22 Sep 2020 20:22

Tgt Ion: 136 Resp: 584106

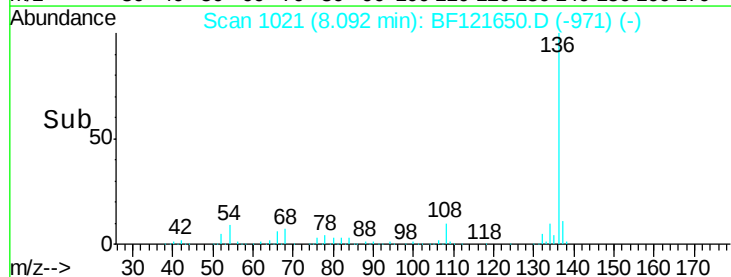
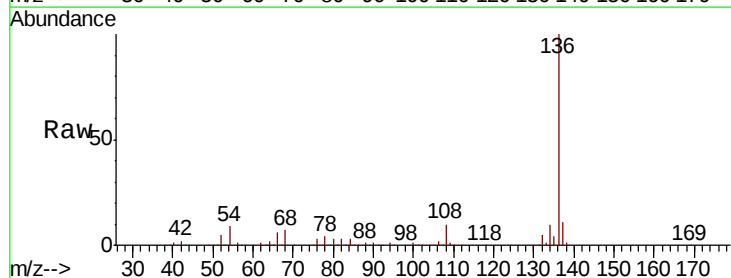
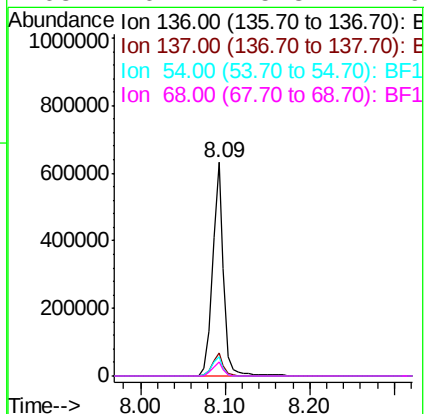
Ion Ratio Lower Upper

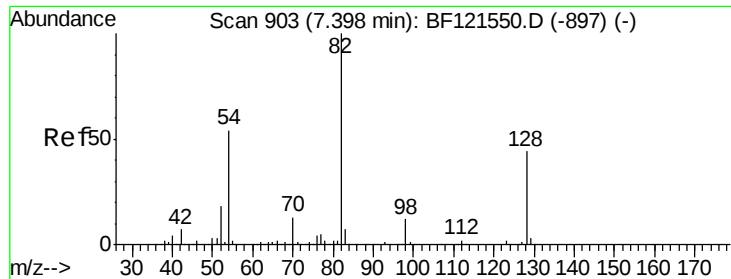
136 100

137 11.0 8.9 13.3

54 9.2 7.4 11.0

68 6.7 5.3 7.9





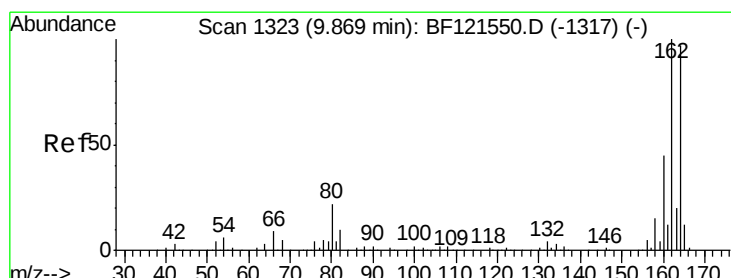
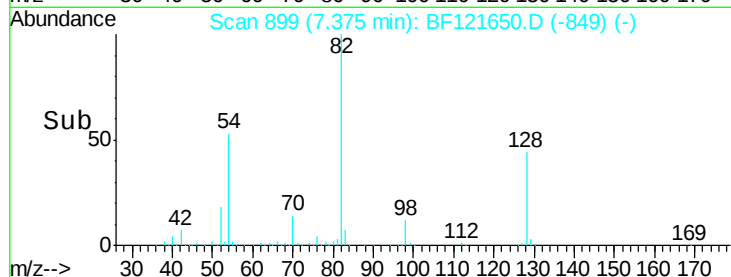
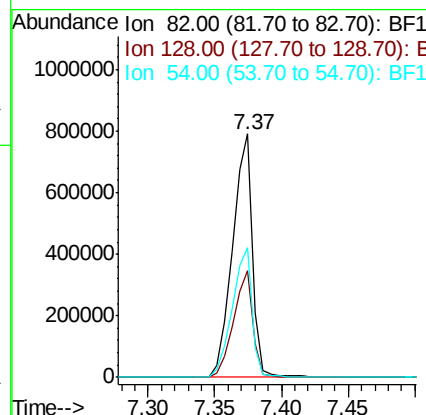
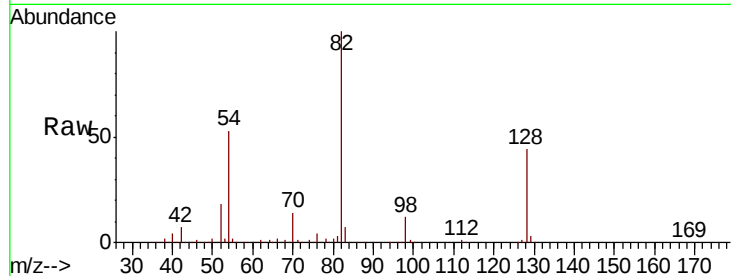
#23
 Nitrobenzene-d5
 Concen: 76.969 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121650.D
 Acq: 22 Sep 2020 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17

Tot Ion	82	Resp	837339
Ion Ratio	Lower	Upper	
82	100		
128	43.9	33.9	50.9
54	53.3	42.9	64.3

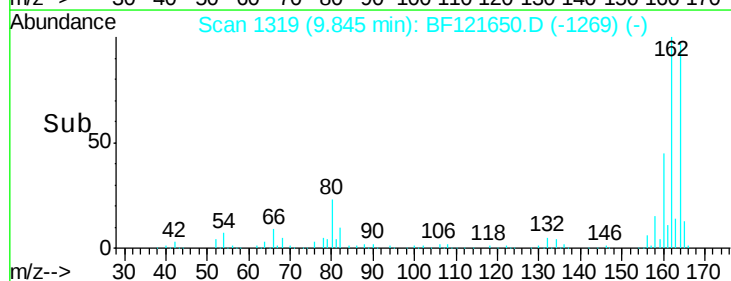
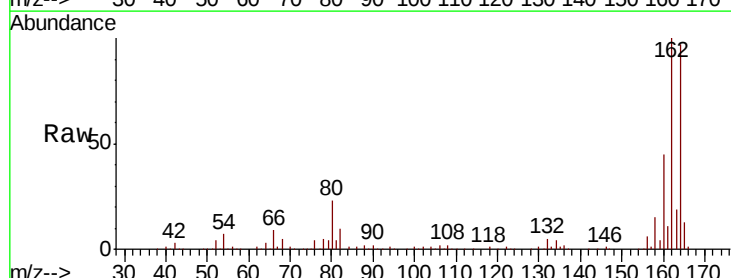
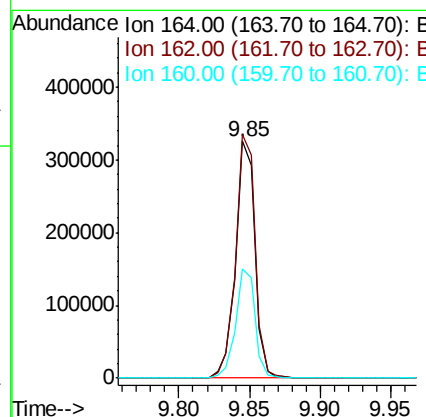
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121650.D
 Acq: 22 Sep 2020 20:22

Tgt Ion	164	Resp	310680
Ion Ratio	Lower	Upper	
164	100		
162	102.9	81.2	121.8
160	46.3	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 107.113 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121650.D

Acq: 22 Sep 2020 20:22

Instrument :

BNA_F

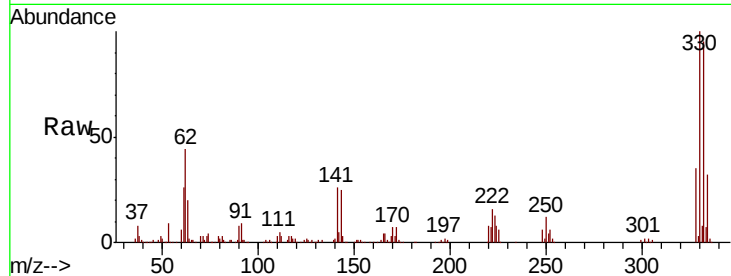
ClientSampleId :

PAV-B29-092120-10-17

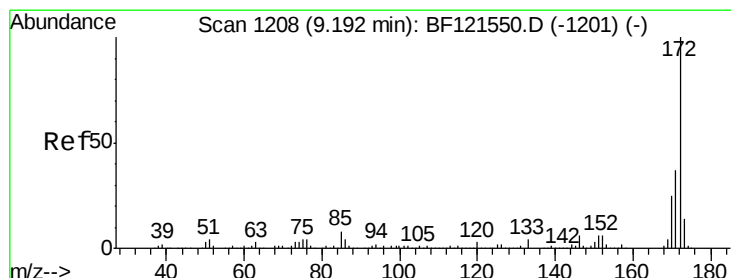
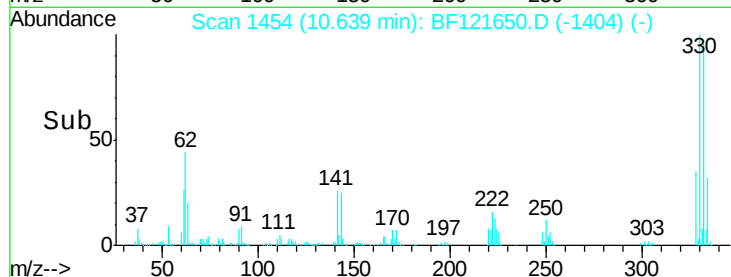
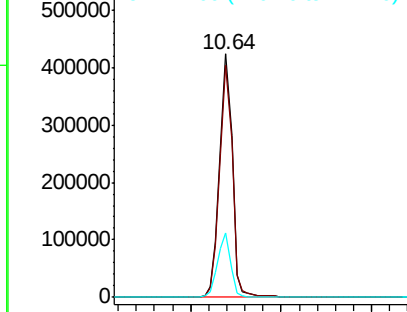
Tot Ion:	330	Resp:	413601
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.9	115.3
141	27.2	22.4	33.6

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 71.103 ng

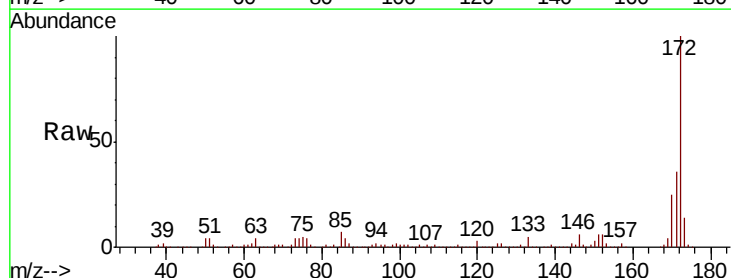
RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

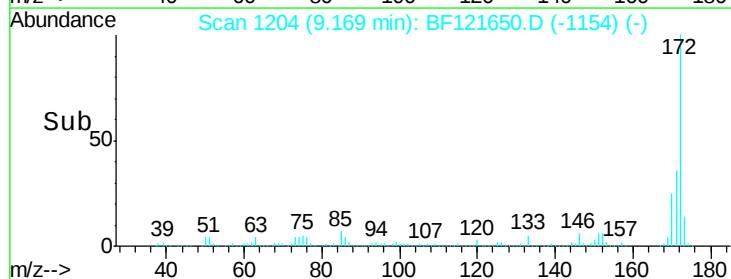
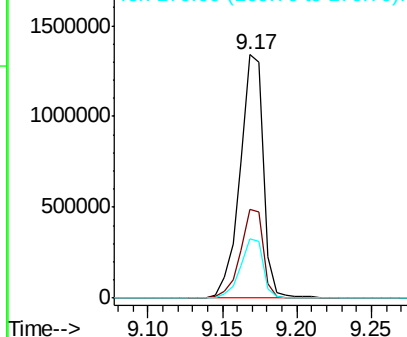
Lab File: BF121650.D

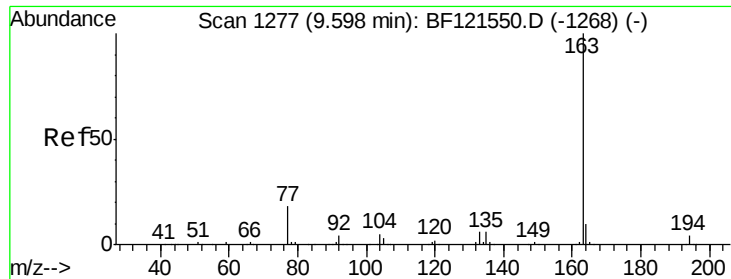
Acq: 22 Sep 2020 20:22

Tgt Ion:	172	Resp:	1458565
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.3	43.9
170	24.5	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





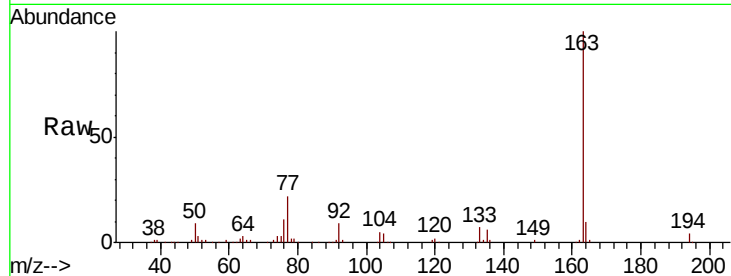
#50
Dimethylphthalate
Concen: 8.972 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121650.D
Acq: 22 Sep 2020 20:22

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17

Tot Ion	Ratio	Resp	Lower	Upper
163	100	202023		
194	3.9		3.3	4.9
164	10.1		8.0	12.0

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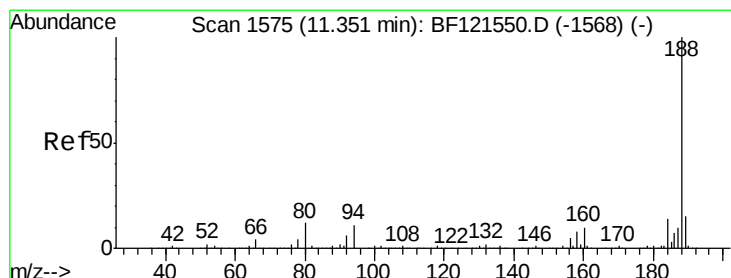
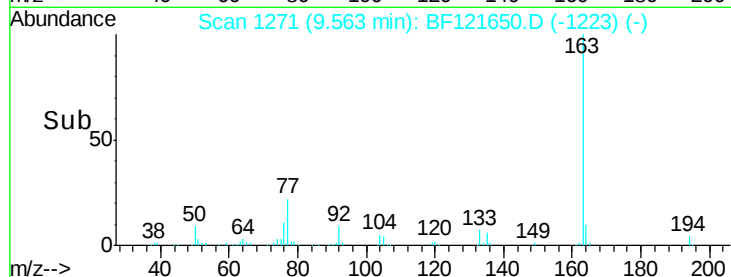
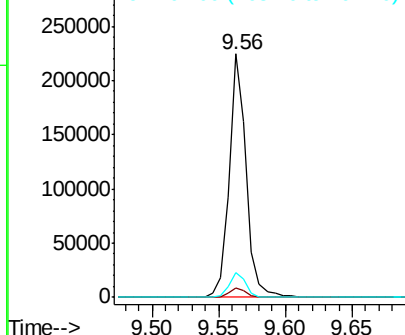


Abundance

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: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF121650.D
Acq: 22 Sep 2020 20:22

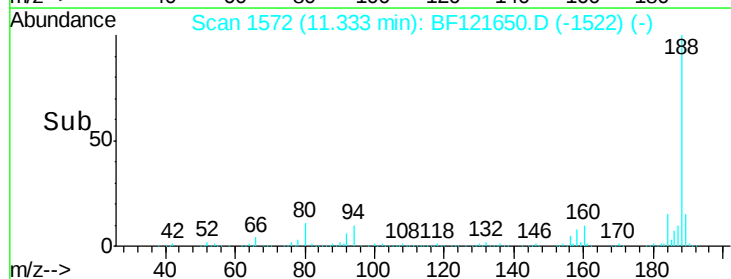
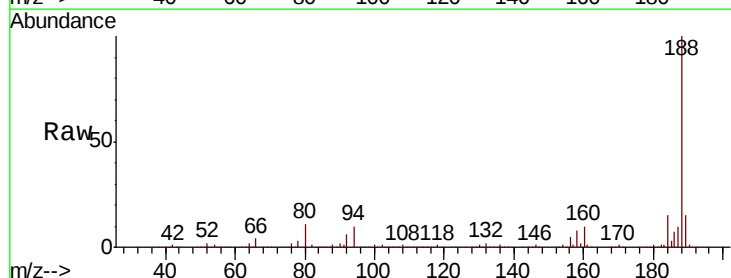
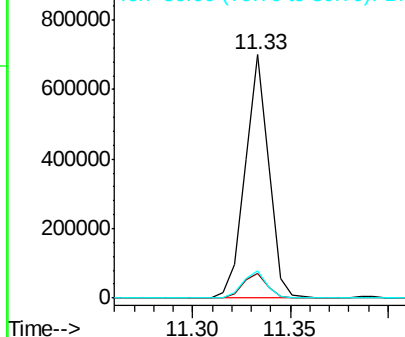
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	590473		
94	10.4		8.4	12.6
80	11.4		9.0	13.4

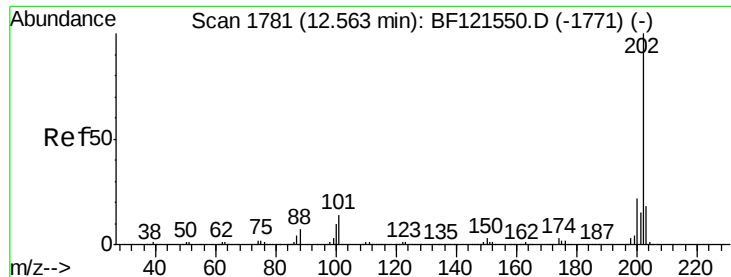
Abundance

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: 3.610 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF121650.D

Acq: 22 Sep 2020 20:22

Instrument :

BNA_F

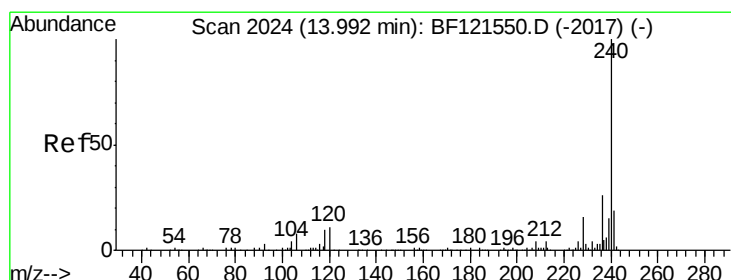
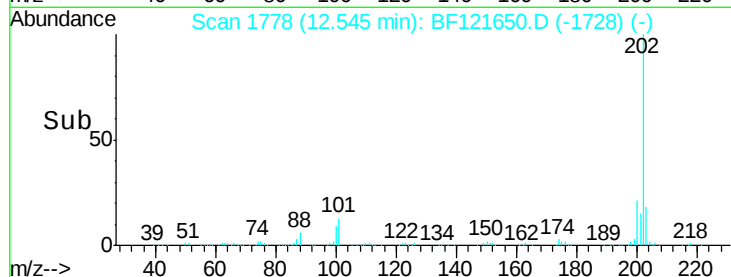
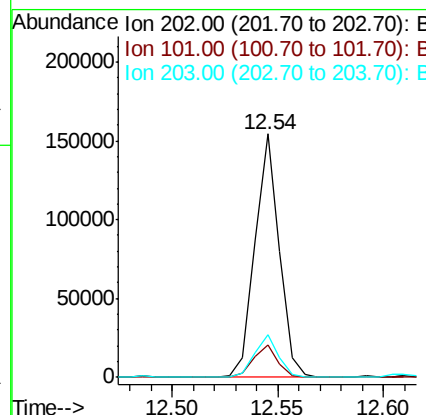
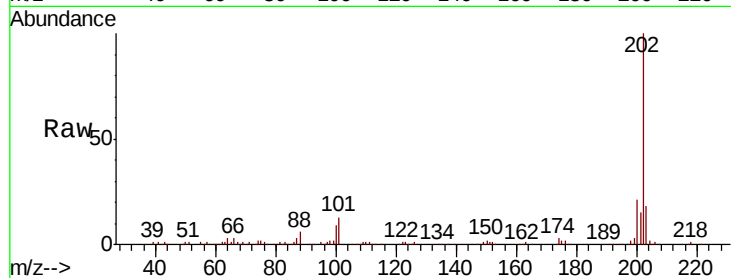
ClientSampleId :

PAV-B29-092120-10-17

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	0.0	31.9
203	17.6	0.0	37.8

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#76

Chrysene-d12

Concen: 20.000 ng

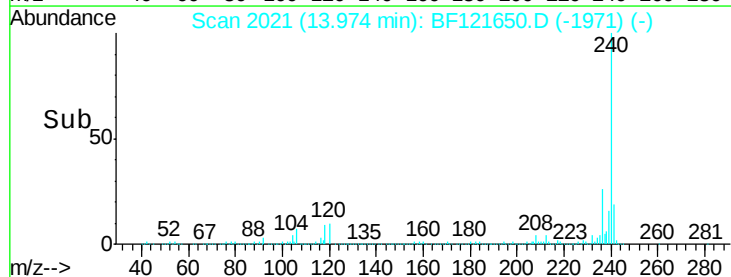
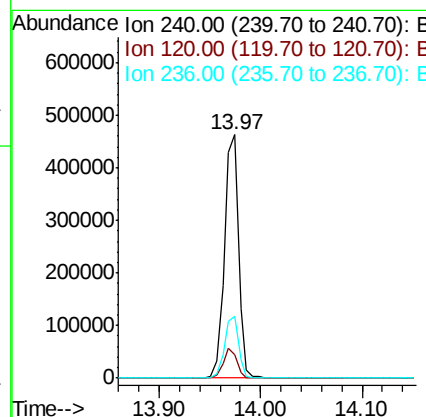
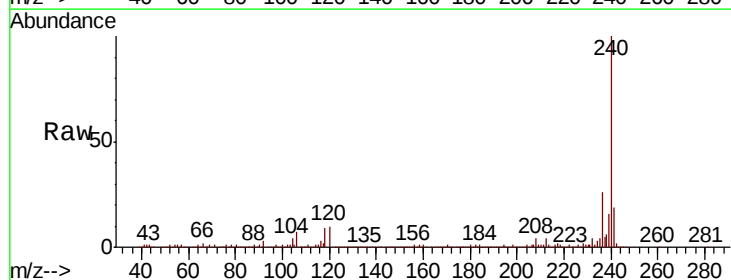
RT: 13.97 min Scan# 2021

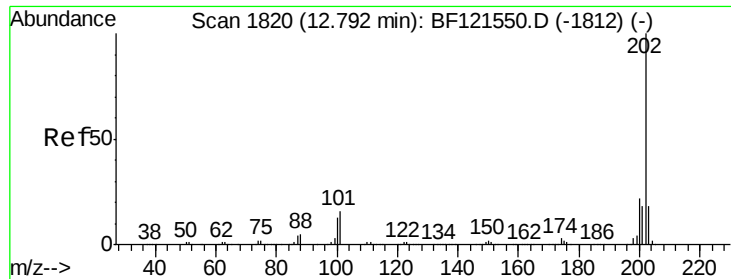
Delta R.T. -0.01 min

Lab File: BF121650.D

Acq: 22 Sep 2020 20:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.8	9.2	13.8
236	25.7	20.4	30.6





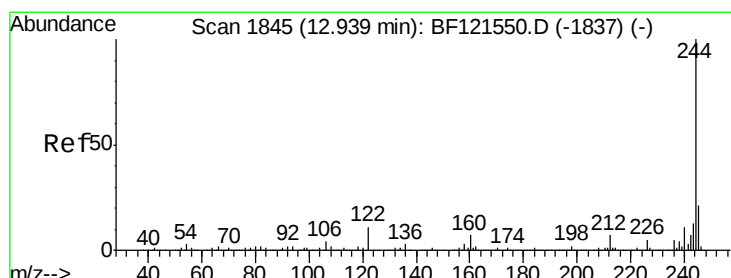
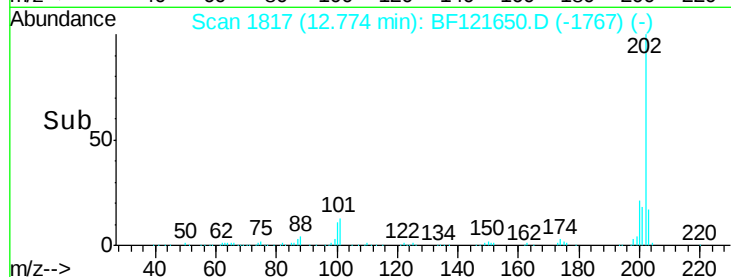
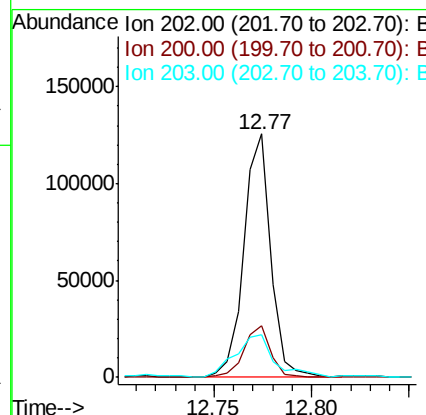
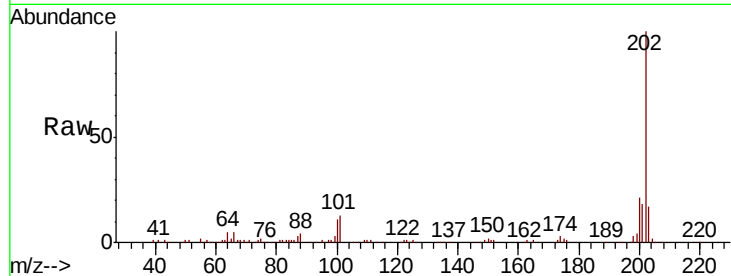
#78
Pvrene
Concen: 3.643 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF121650.D
Acq: 22 Sep 2020 20:22

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.5	14.4	21.6

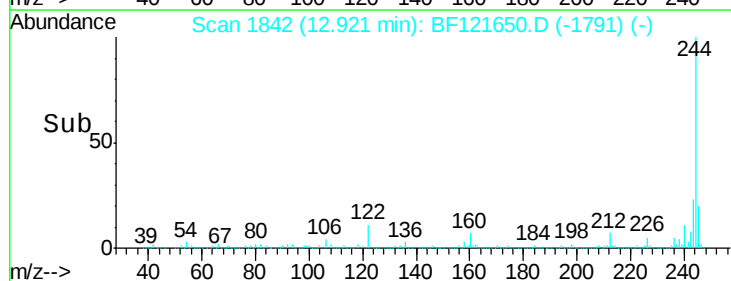
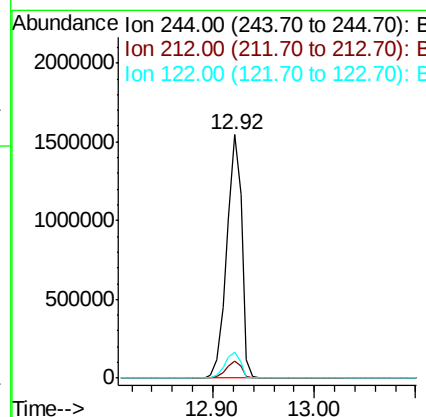
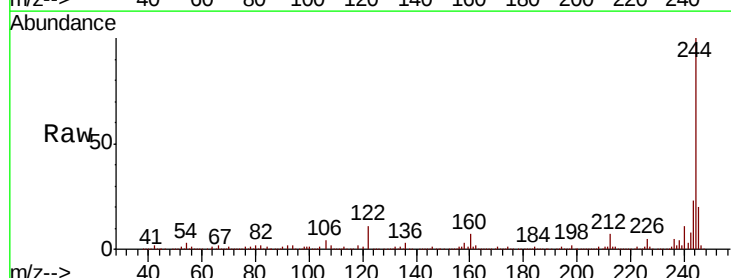
Manual Integrations
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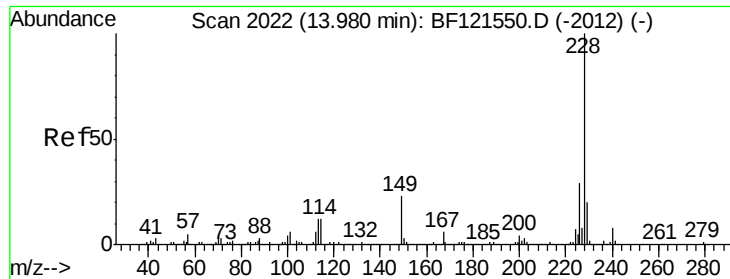
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#79
Terphenyl-d14
Concen: 71.272 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF121650.D
Acq: 22 Sep 2020 20:22

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.5	8.3
122	10.9	7.4	11.0





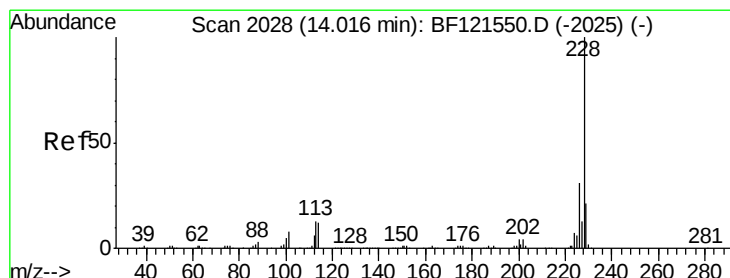
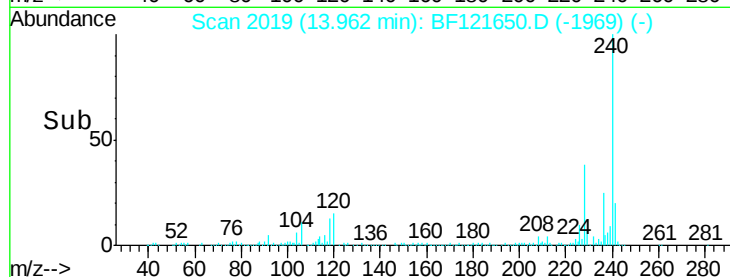
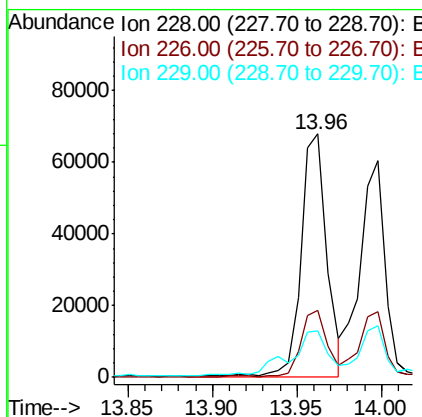
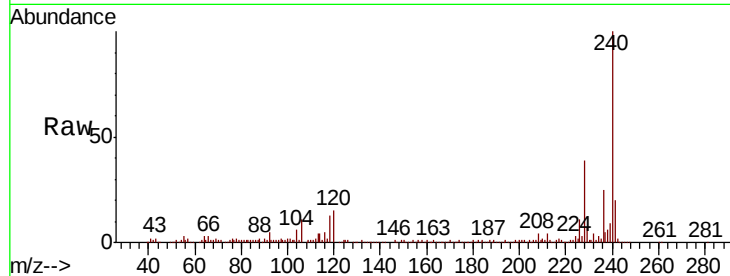
#81
Benzo(a)anthracene
Concen: 2.556 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF121650.D
Acq: 22 Sep 2020 20:22

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.3	16.2	24.2

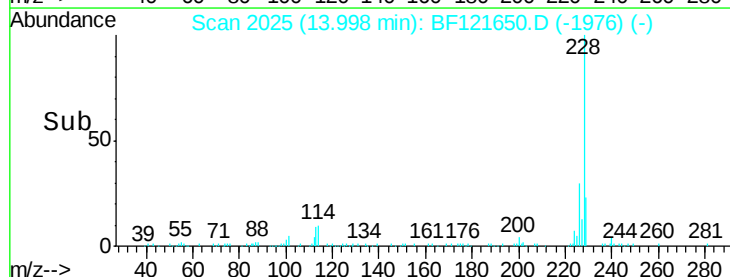
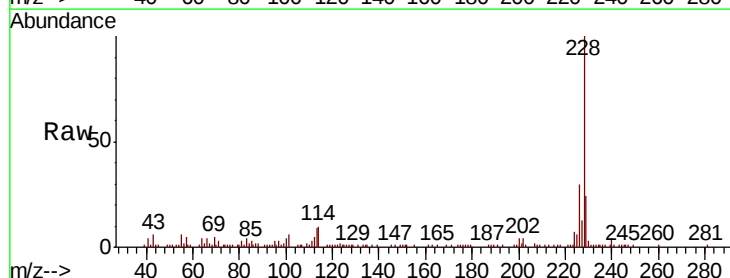
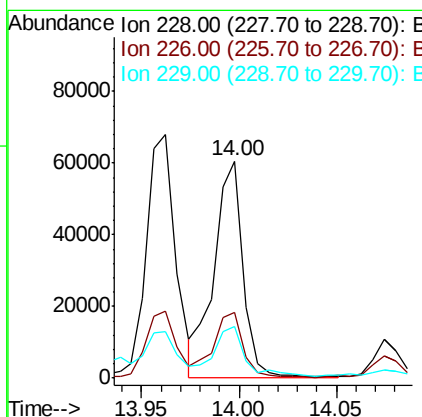
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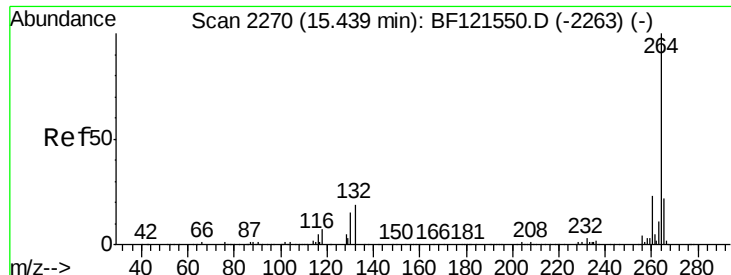
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#83
Chrysene
Concen: 2.188 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF121650.D
Acq: 22 Sep 2020 20:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.4
229	23.6	16.0	24.0





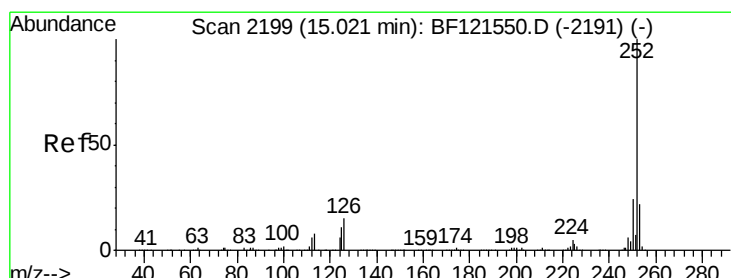
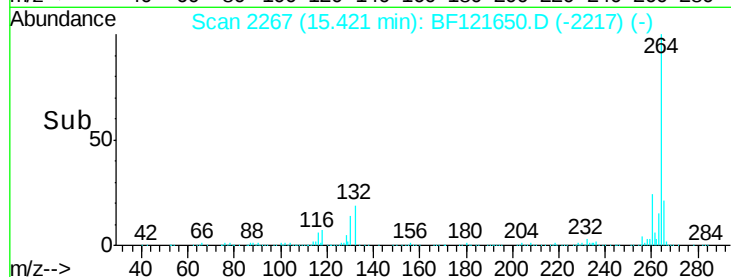
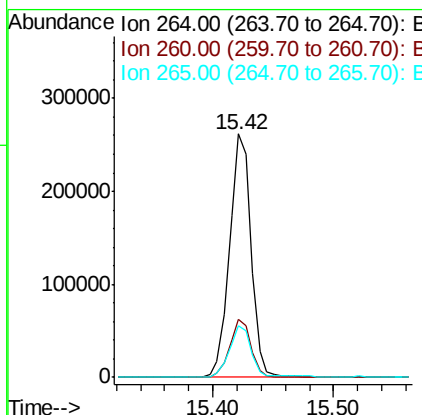
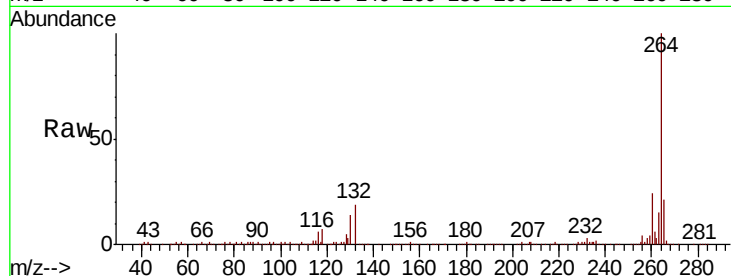
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF121650.D
Acq: 22 Sep 2020 20:22

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.3	17.3	25.9

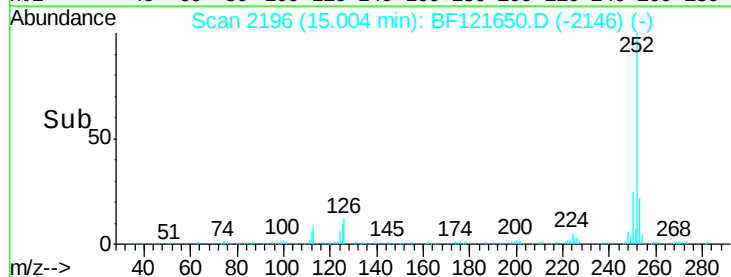
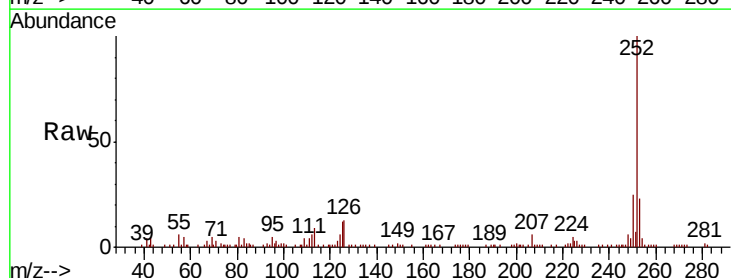
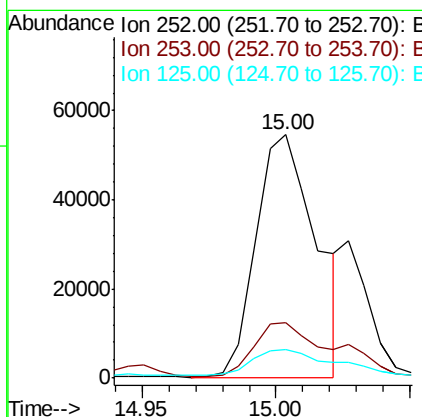
Manual Integrations
APPROVED

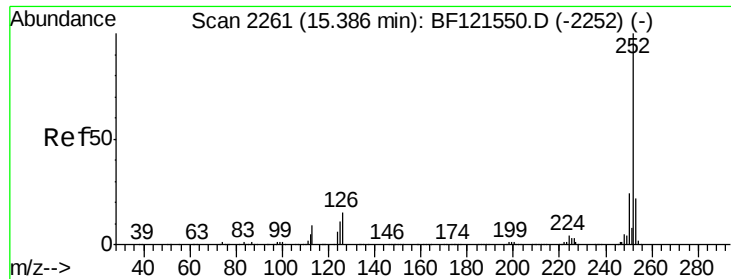
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#88
Benzo(b)fluoranthene
Concen: 3.936 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF121650.D
Acq: 22 Sep 2020 20:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	11.7	8.5	12.7





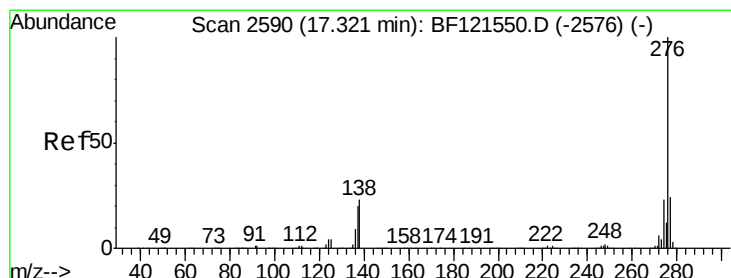
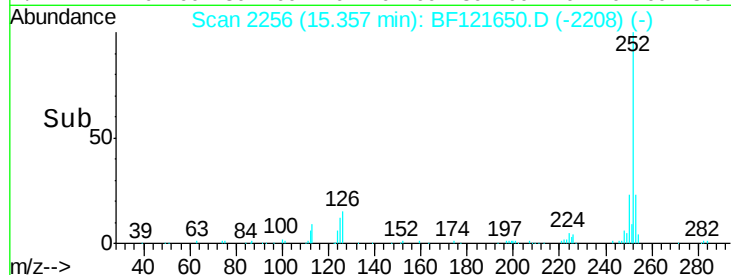
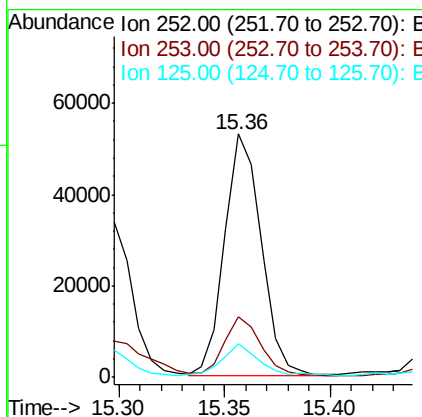
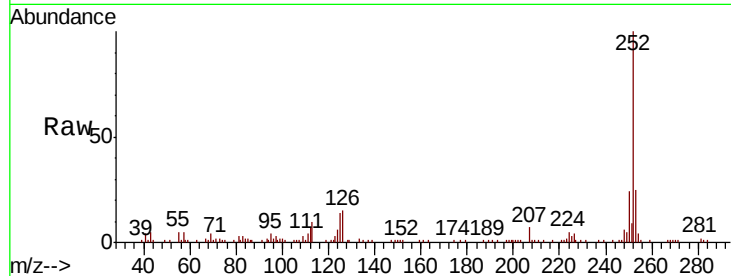
#90
Benzo(a)pyrene
Concen: 3.469 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BF121650.D
Acq: 22 Sep 2020 20:22

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.2
125	13.7	9.1	13.7#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.714 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.04 min
Lab File: BF121650.D
Acq: 22 Sep 2020 20:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	26.0	16.9	25.3#

