

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121351.D
 Acq On : 20 Aug 2020 17:14
 Operator : JU/CG
 Sample : L3689-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-4-8FT

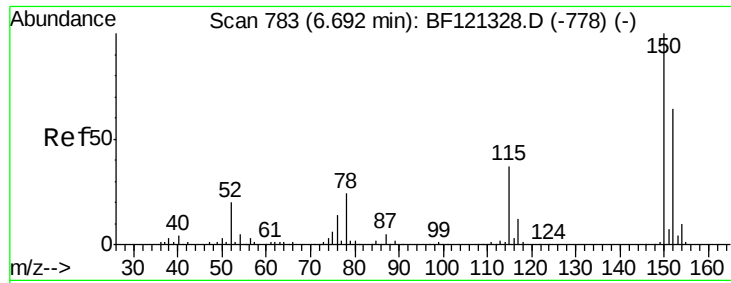
Manual Integrations
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Quant Time: Aug 20 18:10:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	151387	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	574847	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	285360	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	500525	20.00	ng	0.00
76) Chrysene-d12	13.84	240	371853	20.00	ng	0.00
86) Perylene-d12	15.26	264	410025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	751836	81.43	ng	0.00
7) Phenol-d6	6.34	99	914969	77.63	ng	0.00
23) Nitrobenzene-d5	7.26	82	595200	58.56	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	243773	73.31	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1082565	70.64	ng	0.00
79) Terphenyl-d14	12.80	244	966789	50.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	114873	5.533	ng	99
75) Fluoranthene	12.42	202	87640	3.117	ng	98
78) Pyrene	12.65	202	88722	3.176	ng	98
81) Benzo(a)anthracene	13.83	228	49348	2.137	ng	94
88) Benzo(b)fluoranthene	14.86	252	79234m	2.991	ng	
90) Benzo(a)pyrene	15.19	252	49646	2.169	ng	96

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



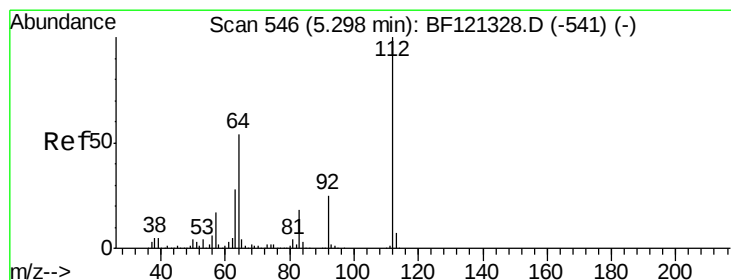
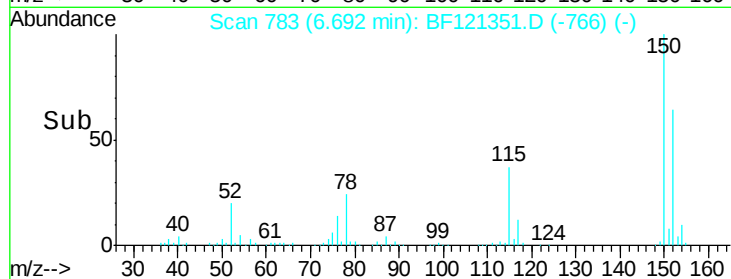
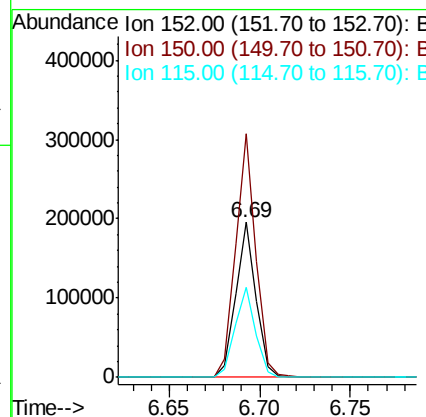
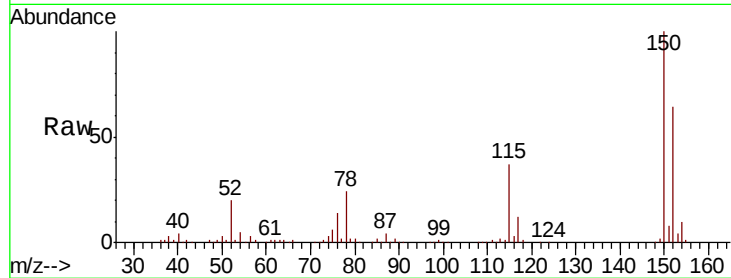
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF121351.D
 Acq: 20 Aug 2020 17:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-4-8FT

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.8	187.2
115	57.9	46.1	69.1

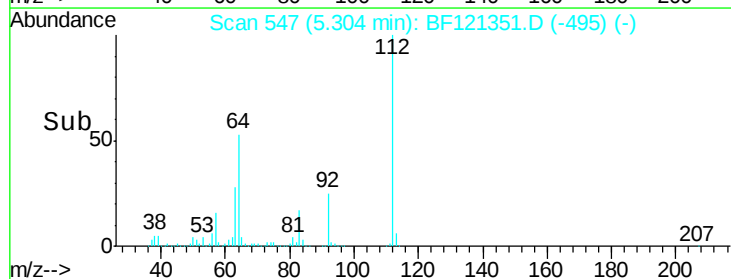
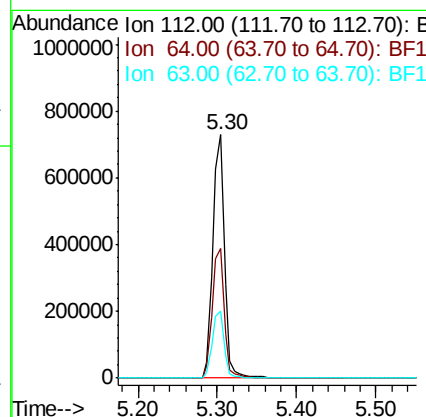
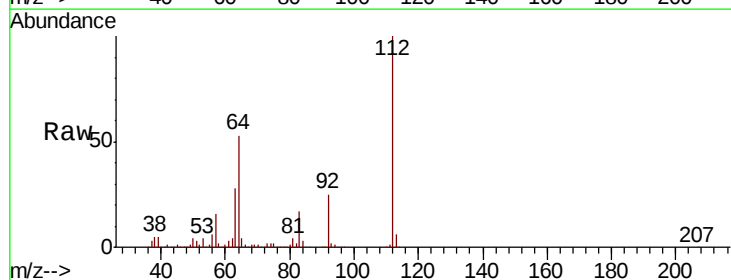
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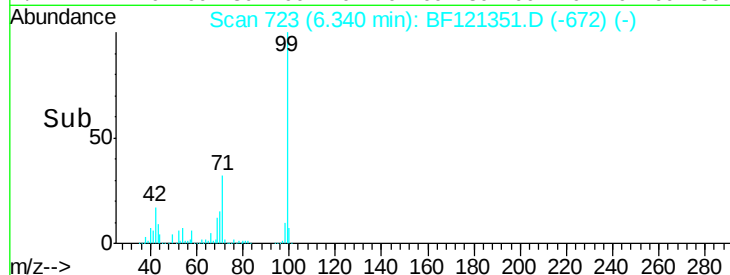
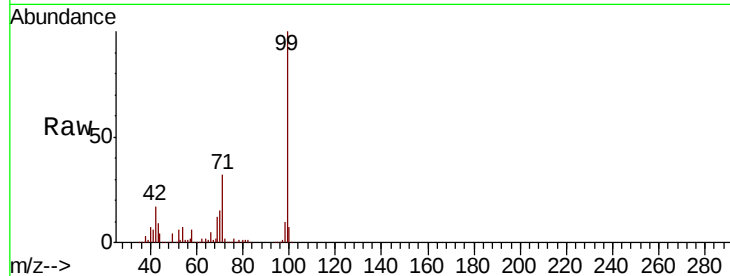
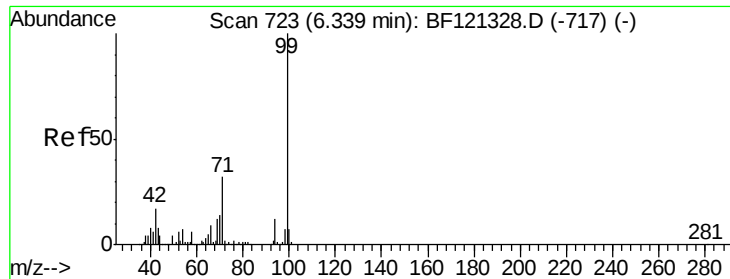
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#5
 2-Fluorophenol
 Concen: 81.434 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF121351.D
 Acq: 20 Aug 2020 17:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	43.5	65.3
63	27.8	22.0	33.0





#7

Phenol-d6

Concen: 77.632 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF121351.D

Acq: 20 Aug 2020 17:14

Tot Ion:	99	Resp:	914969
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	32.2	25.2	37.8

Instrument :

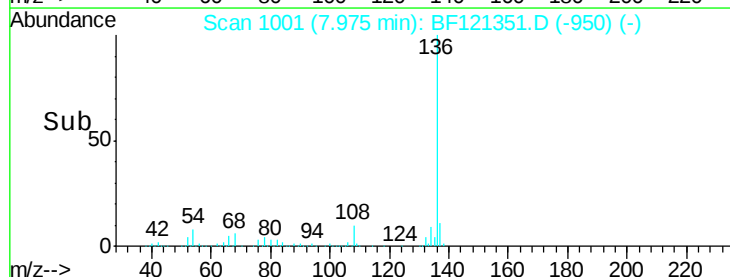
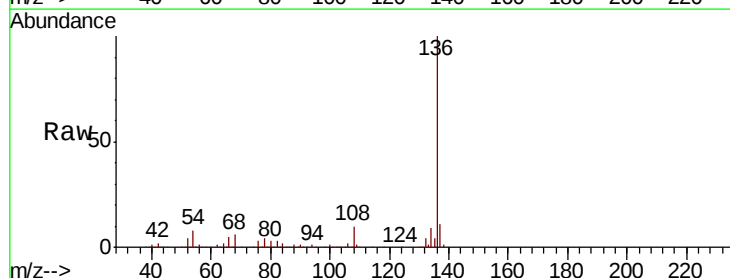
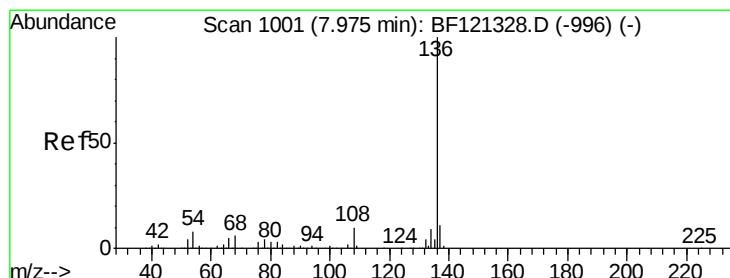
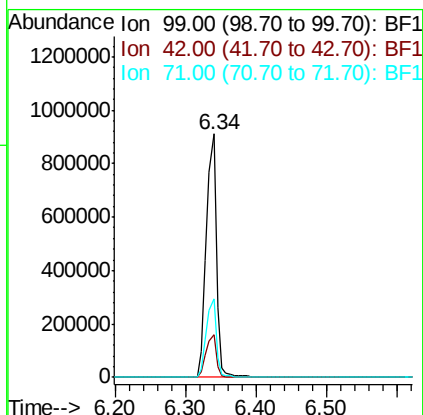
BNA_F

ClientSampleId :

TP-1-4-8FT

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#21

Naphthalene-d8

Concen: 20.000 ng

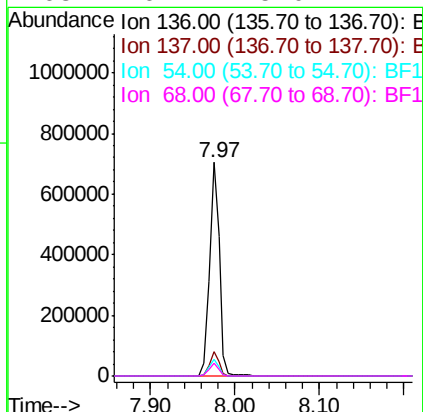
RT: 7.97 min Scan# 1001

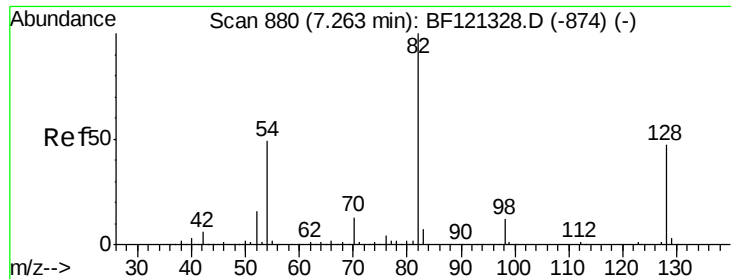
Delta R.T. 0.00 min

Lab File: BF121351.D

Acq: 20 Aug 2020 17:14

Tgt Ion:	136	Resp:	574847
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.9	6.1	9.1
68	6.2	5.0	7.4





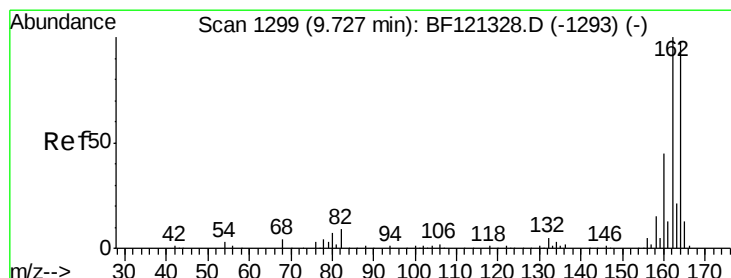
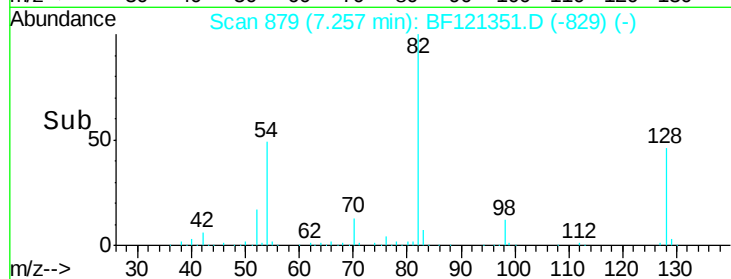
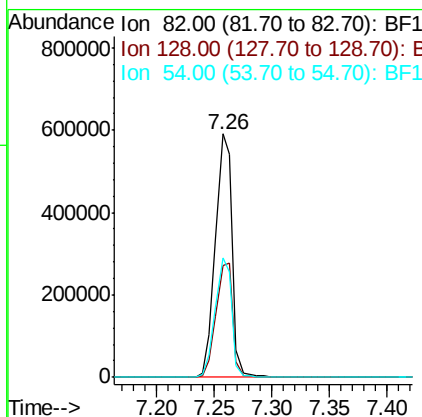
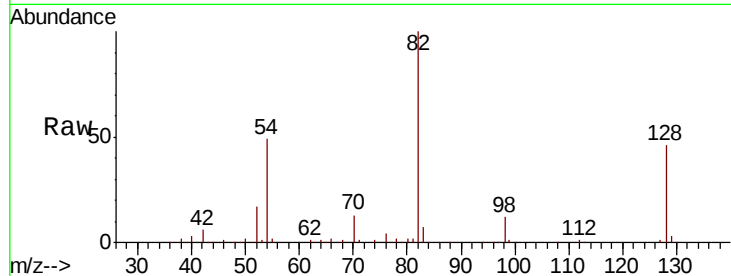
#23
 Nitrobenzene-d5
 Concen: 58.559 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121351.D
 Acq: 20 Aug 2020 17:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-4-8FT

Tot Ion:	82	Resp:	595200
Ion Ratio	Lower	Upper	
82	100		
128	45.9	37.9	56.9
54	49.2	39.0	58.4

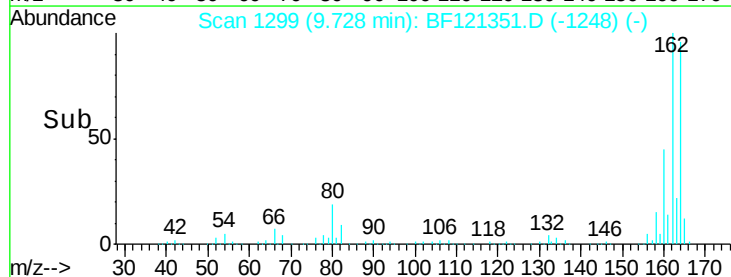
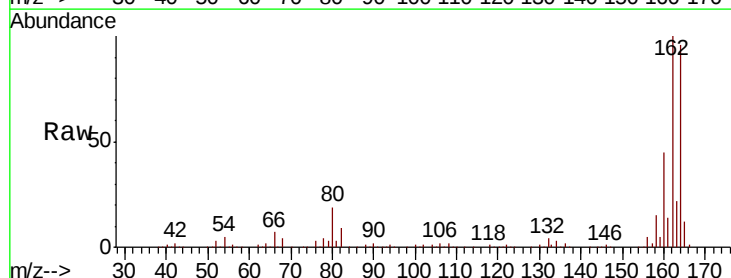
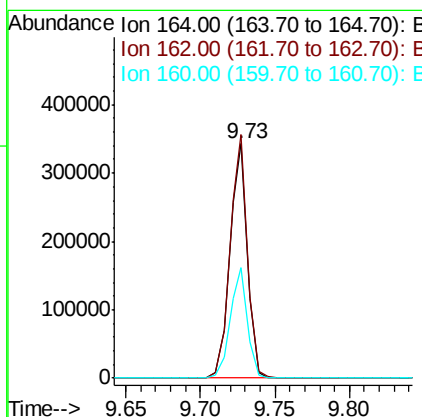
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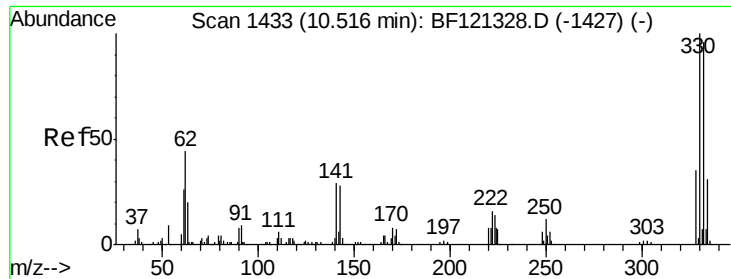
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF121351.D
 Acq: 20 Aug 2020 17:14

Tgt Ion:	164	Resp:	285360
Ion Ratio	Lower	Upper	
164	100		
162	103.9	81.7	122.5
160	47.0	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 73.308 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF121351.D

Acq: 20 Aug 2020 17:14

Instrument :

BNA_F

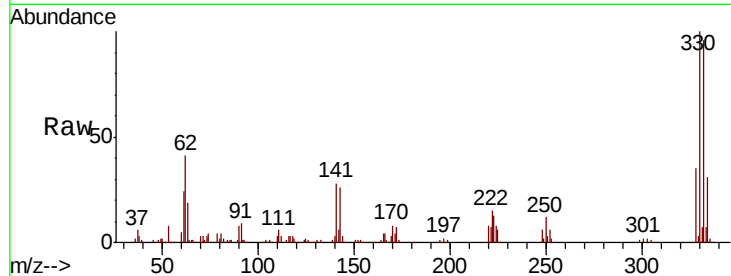
ClientSampleId :

TP-1-4-8FT

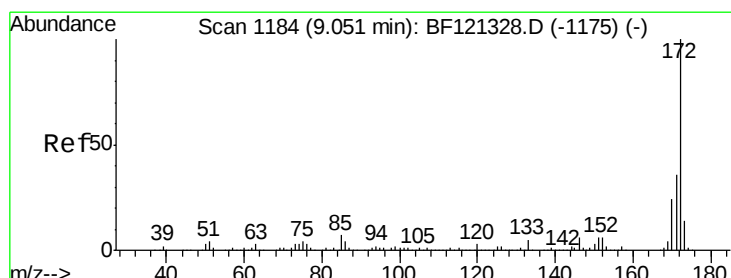
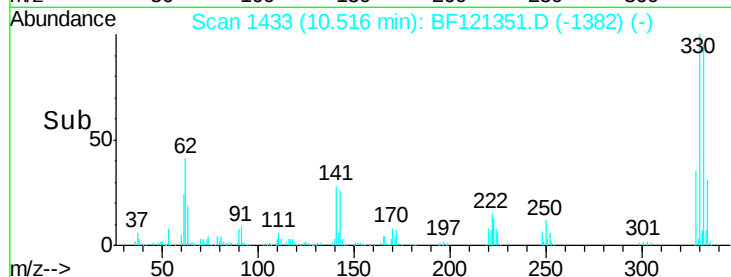
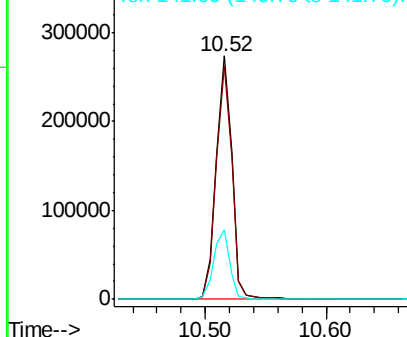
Tot Ion:	330	Resp:	243773
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.9	115.3
141	29.2	22.8	34.2

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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: 70.644 ng

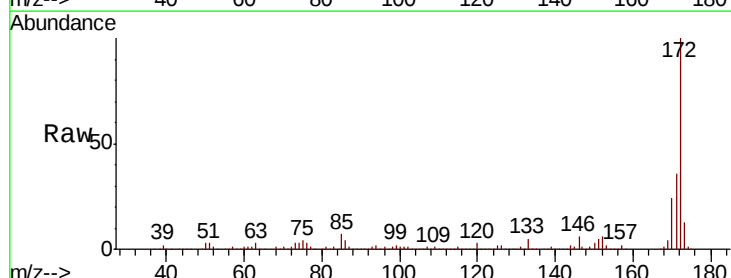
RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

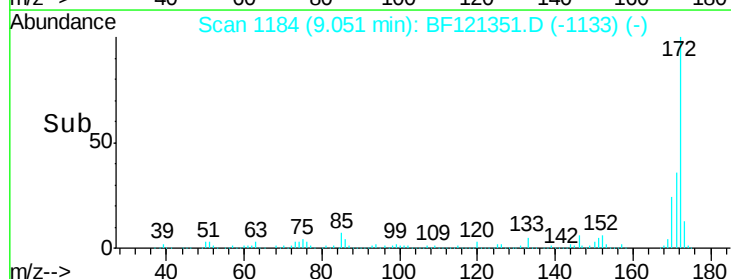
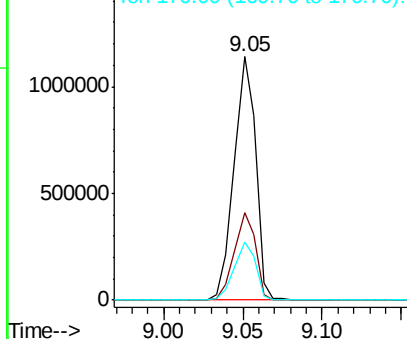
Lab File: BF121351.D

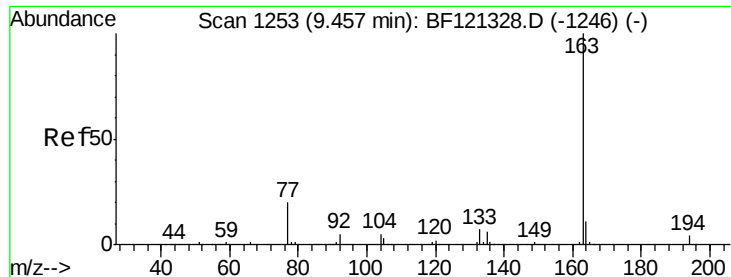
Acq: 20 Aug 2020 17:14

Tgt Ion:	172	Resp:	1082565
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.0	43.6
170	23.9	19.4	29.2



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





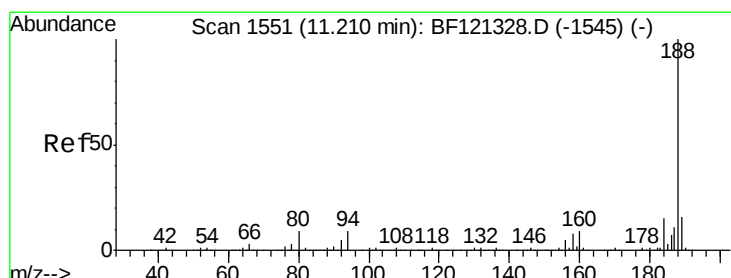
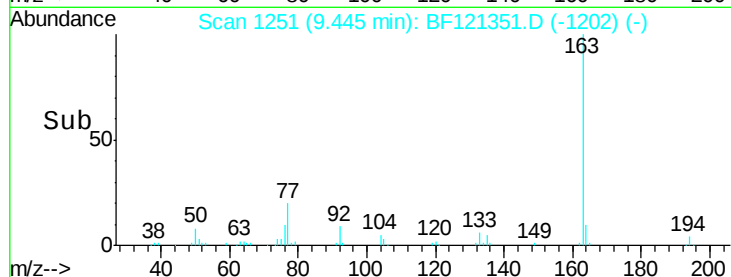
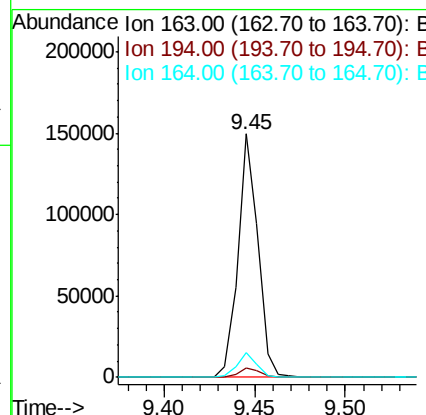
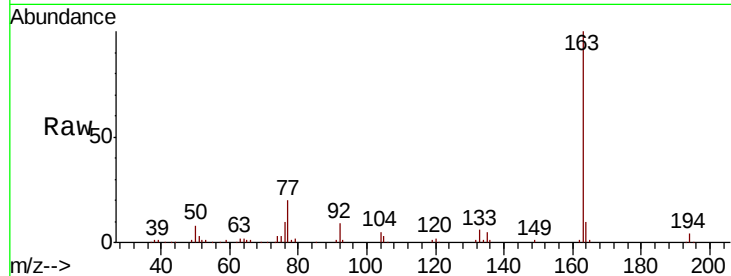
#50
Dimethylphthalate
Concen: 5.533 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF121351.D
Acq: 20 Aug 2020 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-4-8FT

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	3.0	4.6	
164	10.2	8.4	12.6	

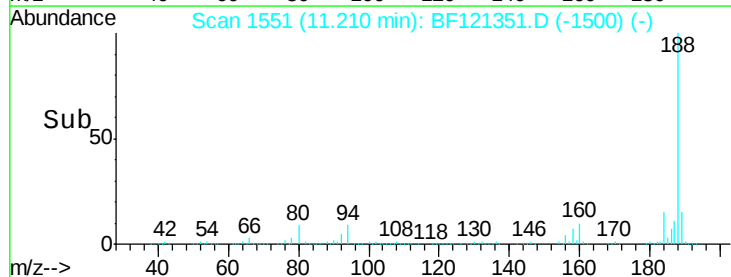
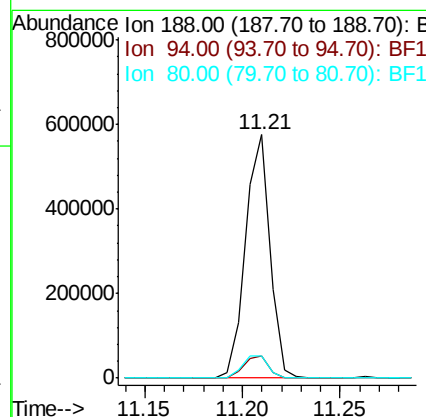
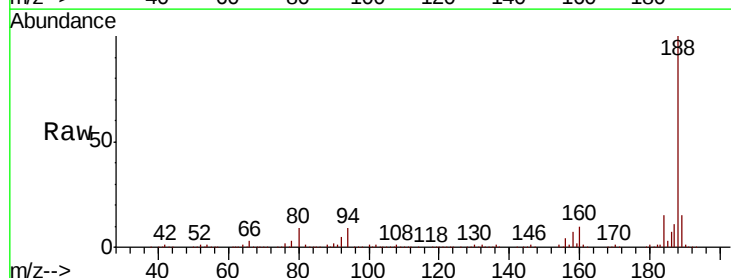
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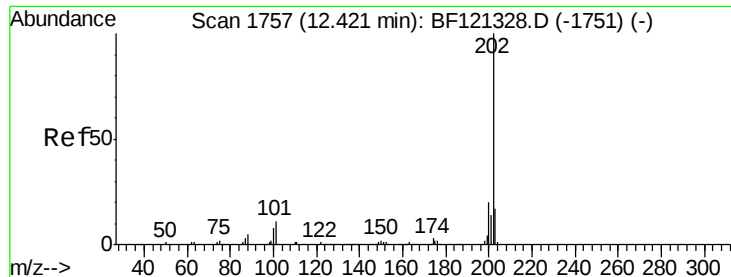
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF121351.D
Acq: 20 Aug 2020 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.1	7.2	10.8	
80	9.2	7.4	11.0	





#75

Fluoranthene

Concen: 3.117 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF121351.D

Acq: 20 Aug 2020 17:14

Instrument :

BNA_F

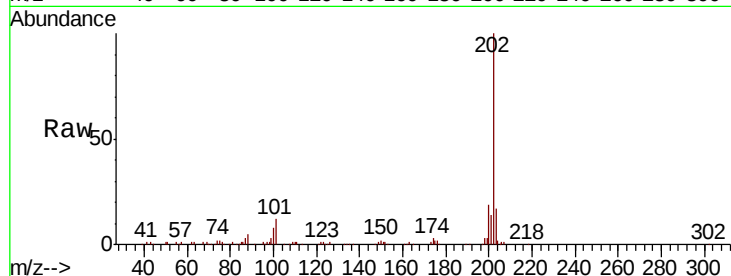
ClientSampled :

TP-1-4-8FT

Tot Ion:	202	Resp:	87640
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	30.6
203	17.3	0.0	37.5

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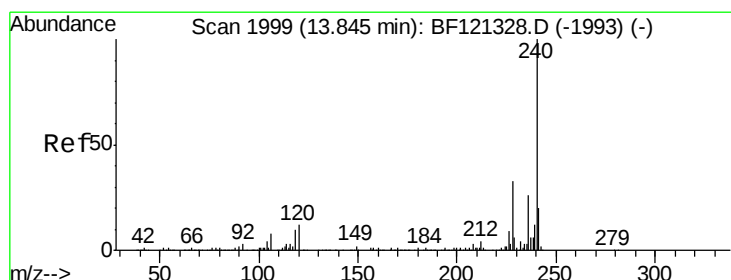
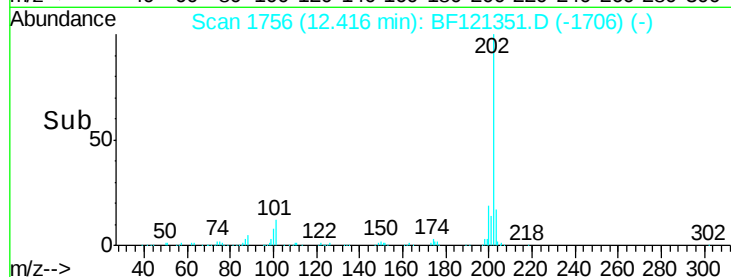
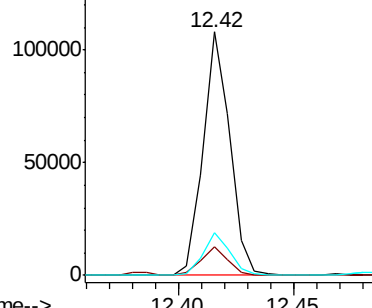


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF121351.D

Acq: 20 Aug 2020 17:14

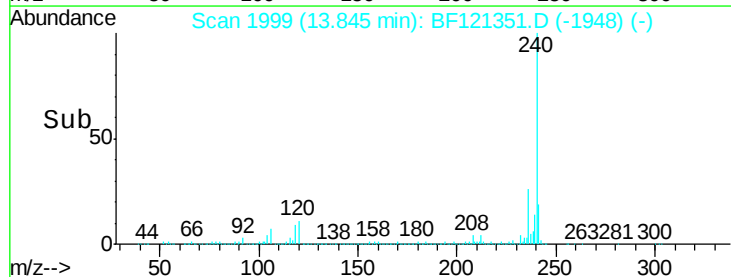
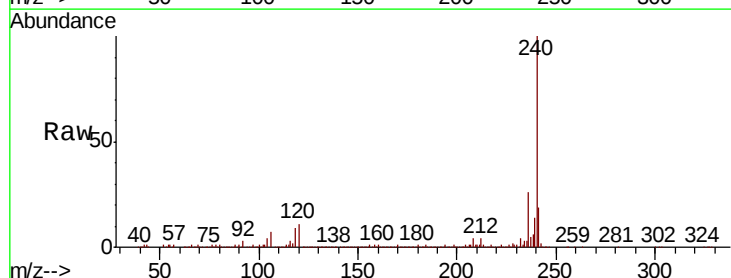
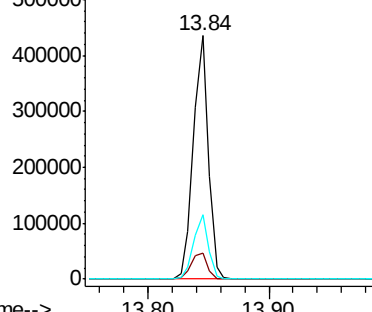
Tgt Ion:	240	Resp:	371853
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.6	14.4
236	26.5	20.6	31.0

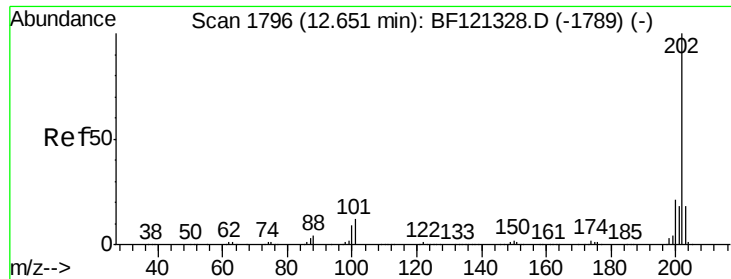
Abundance

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





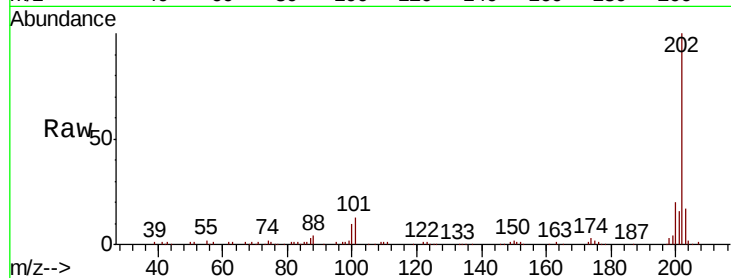
#78
Pvrene
Concen: 3.176 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF121351.D
Acq: 20 Aug 2020 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-4-8FT

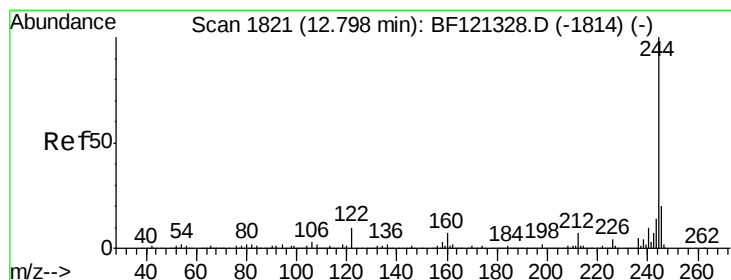
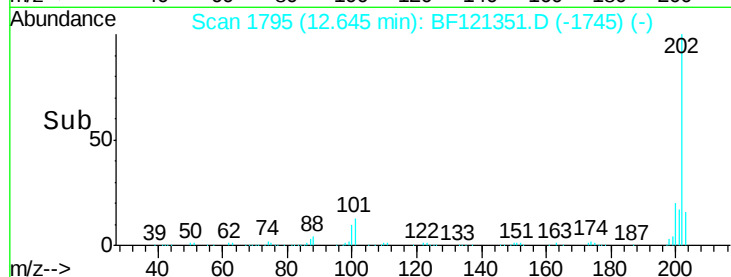
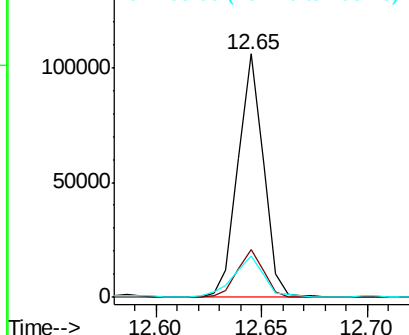
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.6	24.8
203	16.7	14.2	21.2

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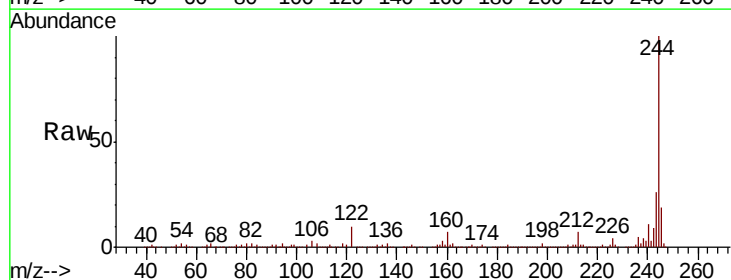


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

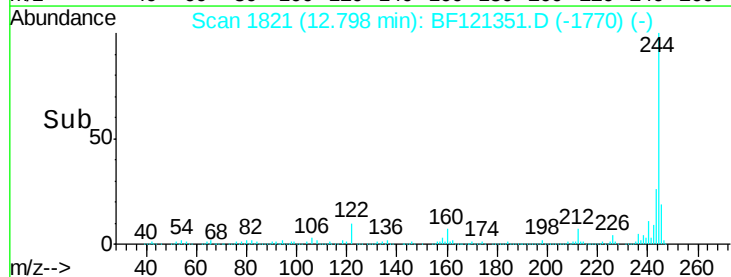
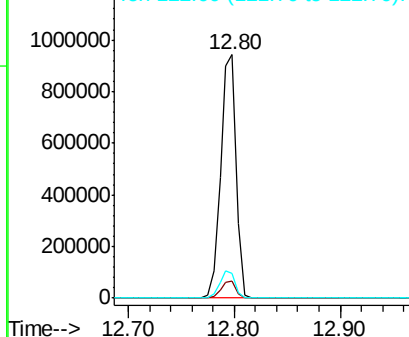


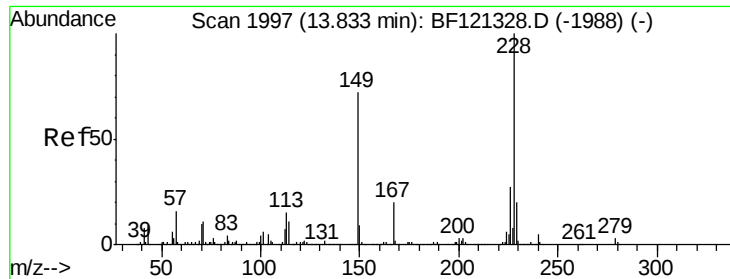
#79
Terphenyl-d14
Concen: 50.806 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF121351.D
Acq: 20 Aug 2020 17:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.1	7.8	11.8



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





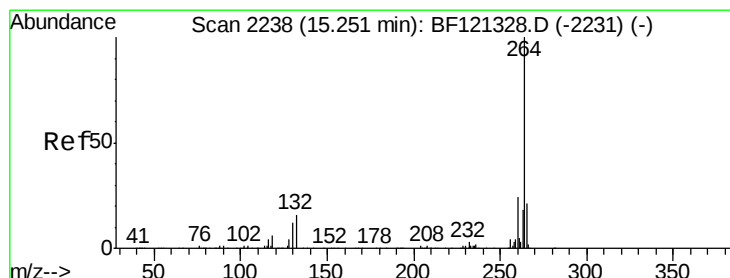
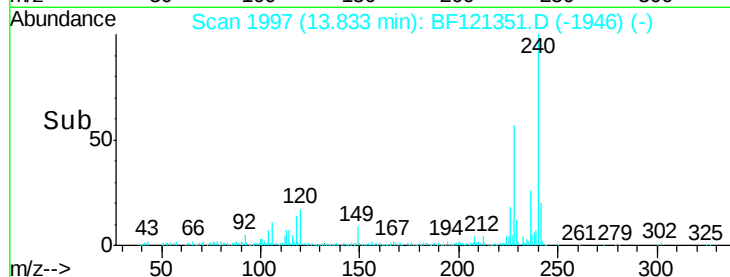
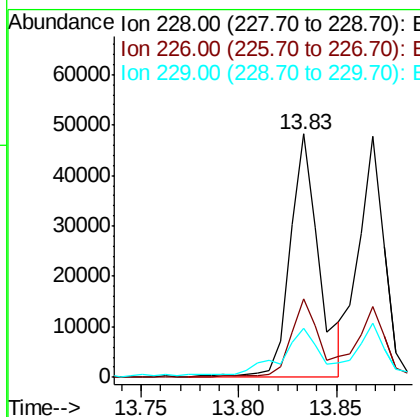
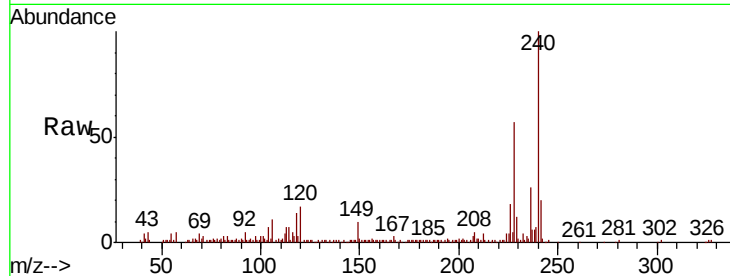
#81
Benzo(a)anthracene
Concen: 2.137 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF121351.D
Acq: 20 Aug 2020 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-4-8FT

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	21.8	32.6
229	20.3	15.8	23.8

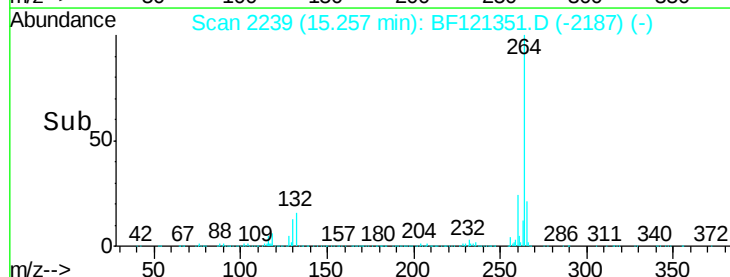
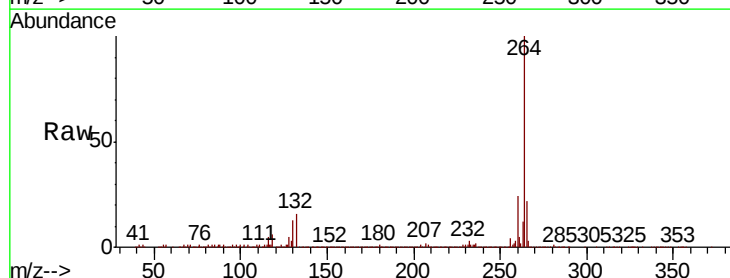
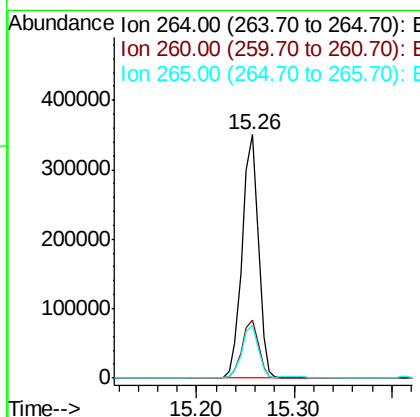
Manual Integrations
APPROVED

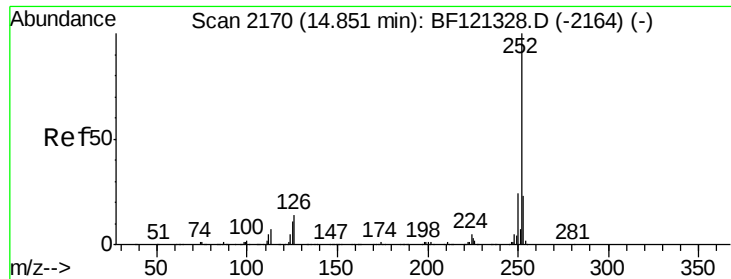
mohammad
8/21/2020 12:50:12 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF121351.D
Acq: 20 Aug 2020 17:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.7	17.1	25.7





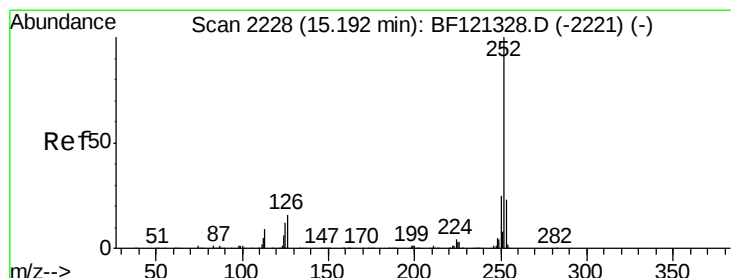
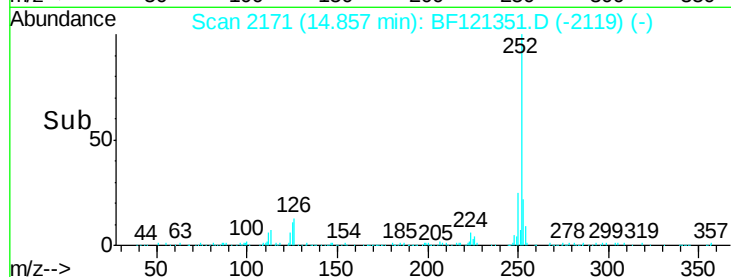
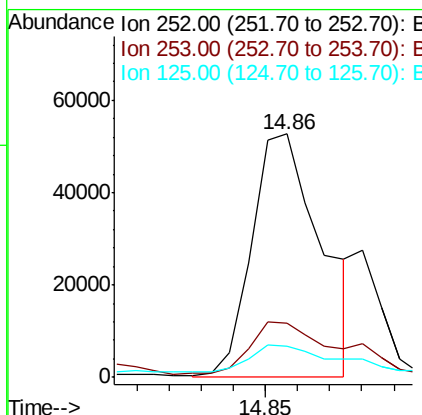
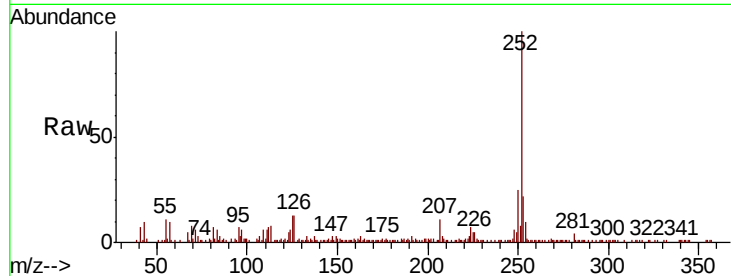
#88
Benzo(b)fluoranthene
Concen: 2.991 ng m
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF121351.D
Acq: 20 Aug 2020 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-4-8FT

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.5	8.6	12.8

Manual Integrations
APPROVED

mohammad
8/21/2020 12:50:12 PM



#90
Benzo(a)pyrene
Concen: 2.169 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF121351.D
Acq: 20 Aug 2020 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	13.8	9.4	14.0

