

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
 Data File : BF121500.D
 Acq On : 1 Sep 2020 17:03
 Operator : JU/CG
 Sample : L3859-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Manual Integrations
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Quant Time: Sep 01 18:04:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	281772	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1058823	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	542754	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	995127	20.00	ng	0.00
76) Chrysene-d12	14.02	240	712586	20.00	ng	0.00
86) Perylene-d12	15.50	264	722961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1194041	71.10	ng	0.00
7) Phenol-d6	6.47	99	1571350	66.95	ng	-0.02
23) Nitrobenzene-d5	7.42	82	997029	64.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	460569	84.01	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1867612	55.52	ng	-0.01
79) Terphenyl-d14	12.97	244	1742366	51.47	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	202262	5.425	ng	98
71) Phenanthrene	11.40	178	145394	2.847	ng	96
75) Fluoranthene	12.60	202	190948	3.469	ng	95
78) Pyrene	12.82	202	183018	3.596	ng	97
83) Chrysene	14.05	228	89876m	2.065	ng	
88) Benzo(b)fluoranthene	15.06	252	103177m	2.194	ng	

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

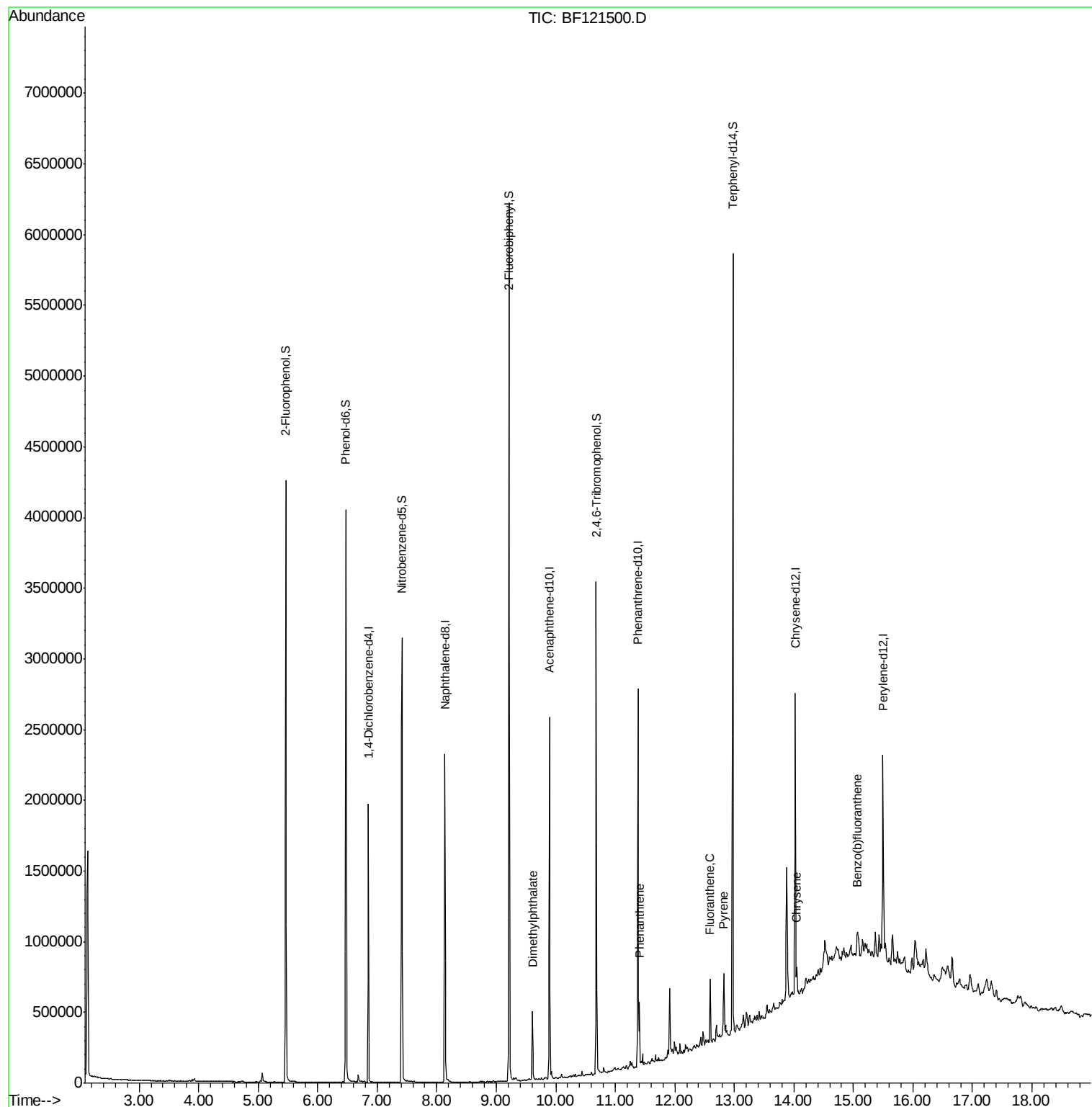
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121500.D
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Operator : JU/CG
Sample : L3859-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

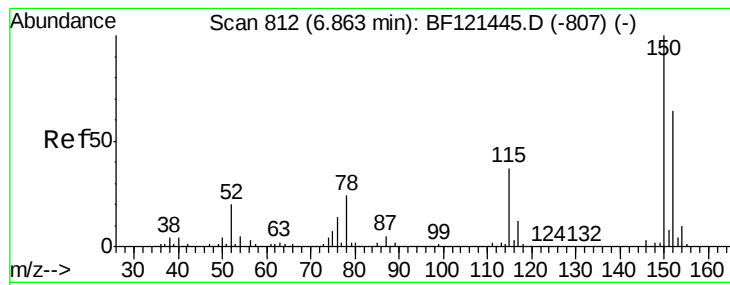
Instrument :
BNA_F
ClientSampleId :
TP-1-S

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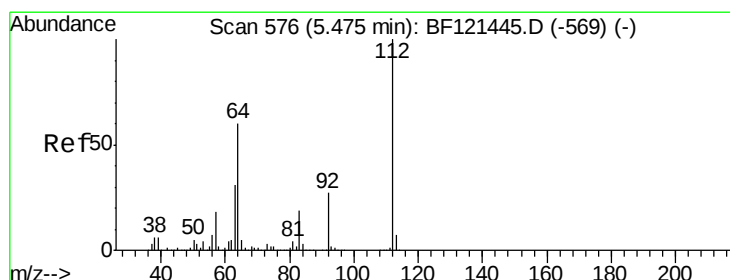
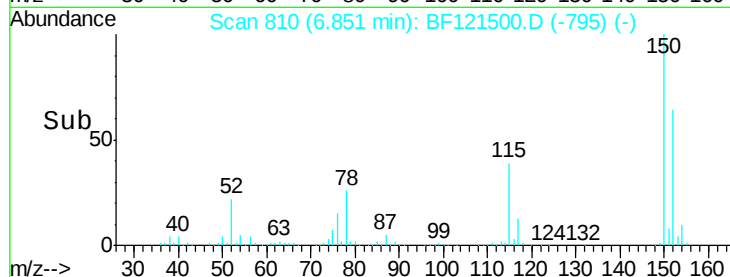
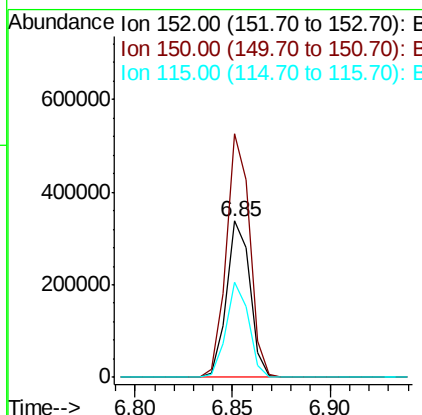
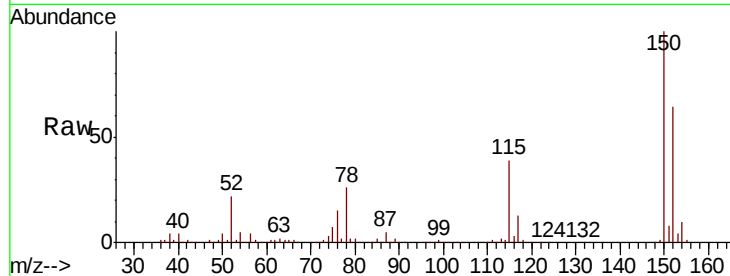
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF121500.D
 Acq: 1 Sep 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.8	188.6
115	60.6	46.6	69.8

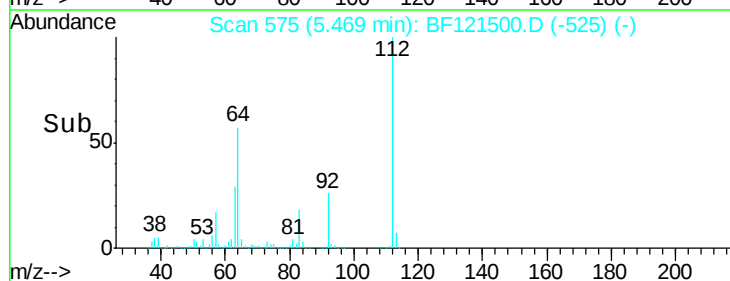
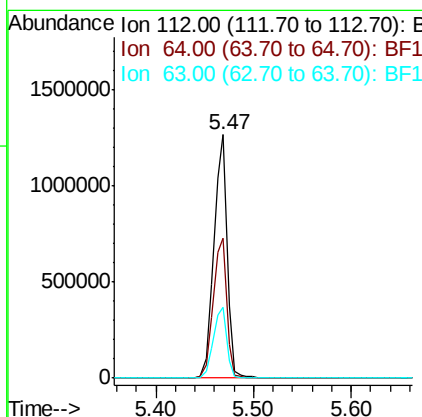
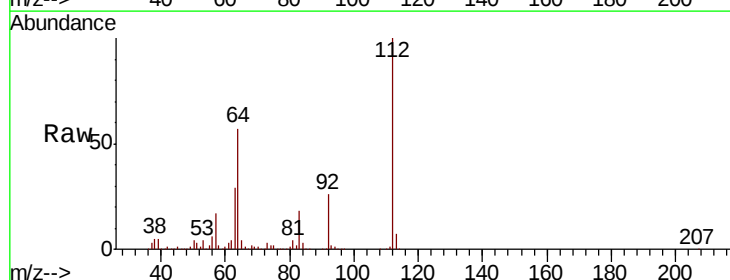
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#5
 2-Fluorophenol
 Concen: 71.096 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF121500.D
 Acq: 1 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	48.2	72.2
63	29.2	24.8	37.2





#7

Phenol-d6

Concen: 66.951 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF121500.D

Acq: 1 Sep 2020 17:03

Instrument :

BNA_F

ClientSampled :

TP-1-S

Tot Ion: 99 Resp: 1571350

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

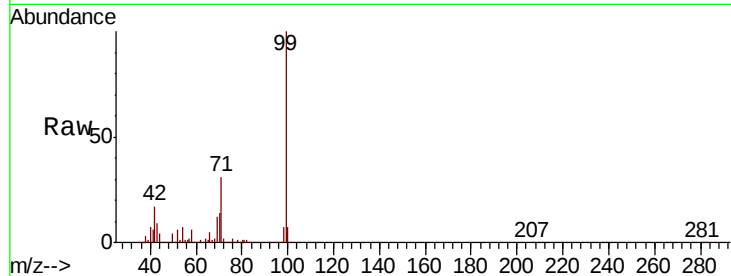
71 31.3 24.6 37.0

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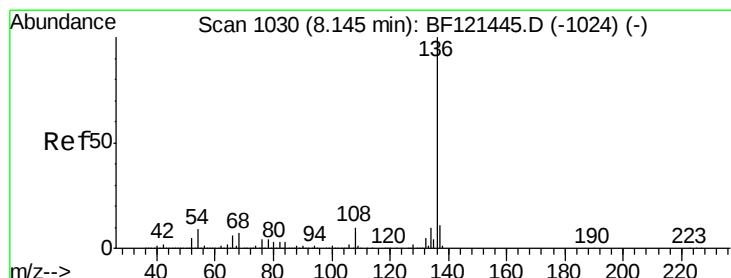
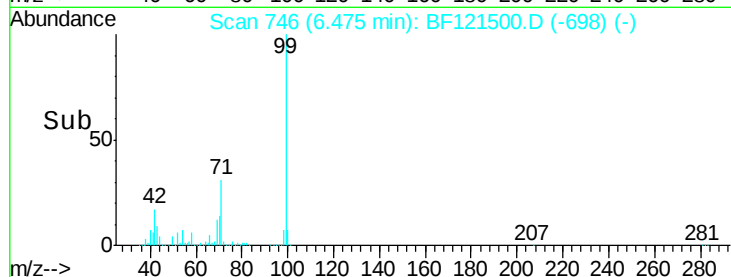
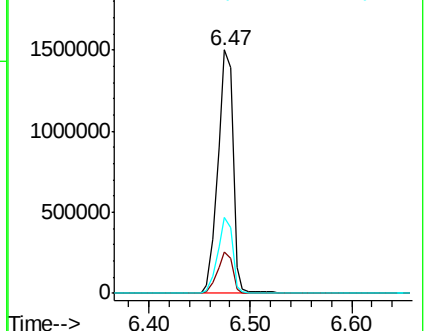
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121500.D

Acq: 1 Sep 2020 17:03

Tgt Ion: 136 Resp: 1058823

Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.0 7.0 10.4

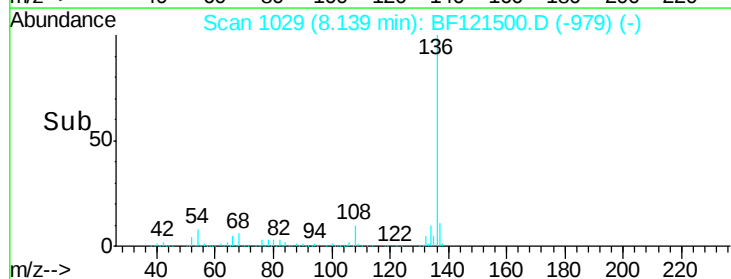
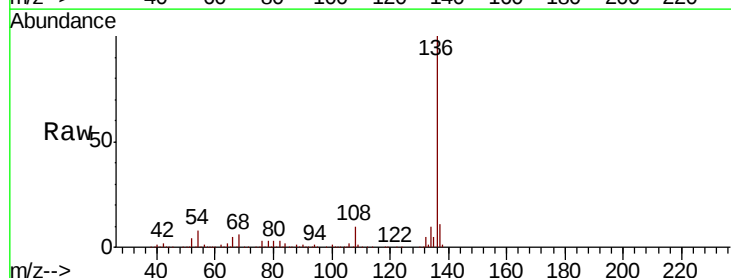
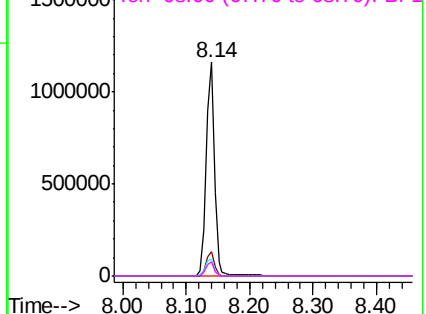
68 6.4 5.5 8.3

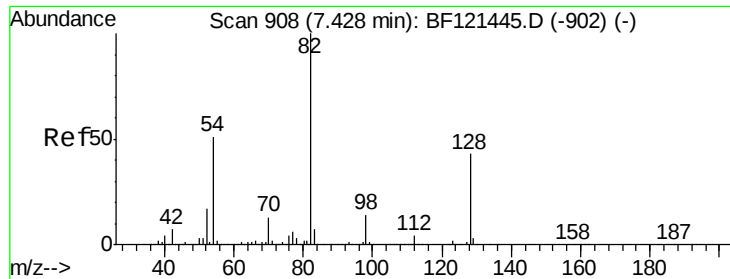
Abundance Ion 136.00 (135.70 to 136.70): E

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





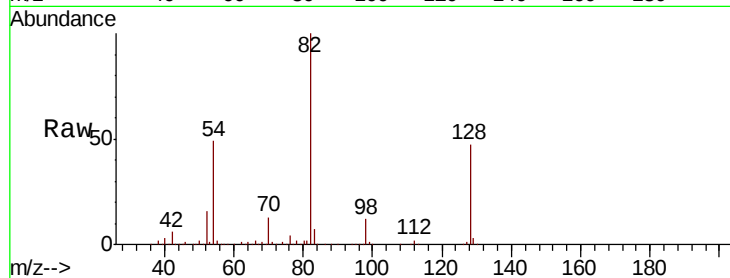
#23
Nitrobenzene-d5
Concen: 64.376 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF121500.D
Acq: 1 Sep 2020 17:03

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.1	51.1
54	49.0	41.0	61.6

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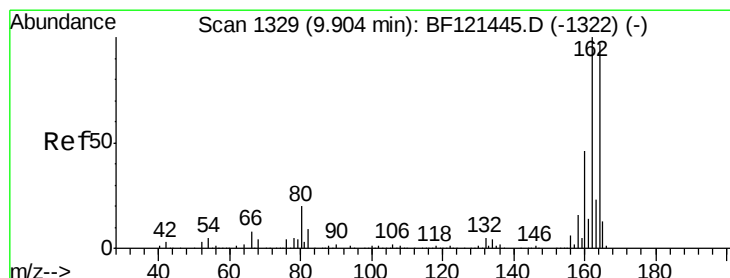
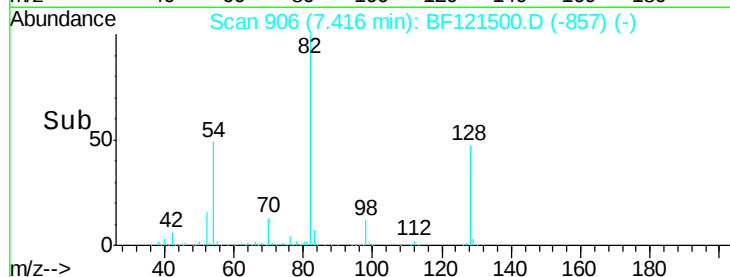
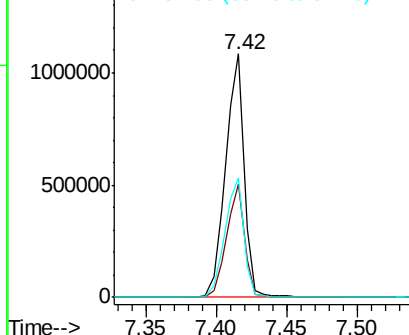


Abundance

Ion 82.00 (81.70 to 82.70): BF1

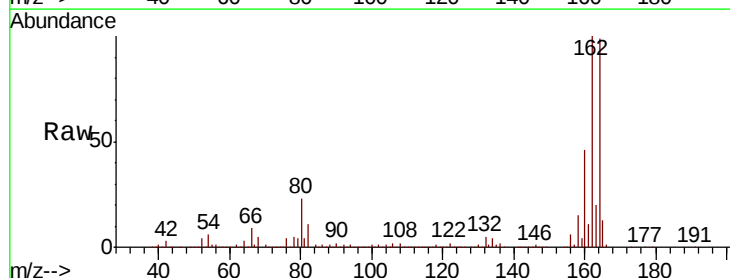
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF121500.D
Acq: 1 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.4	123.6
160	46.3	37.6	56.4

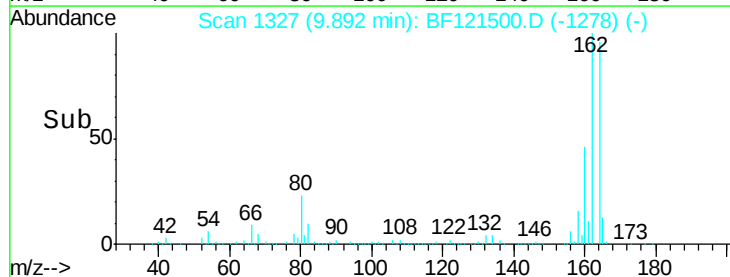
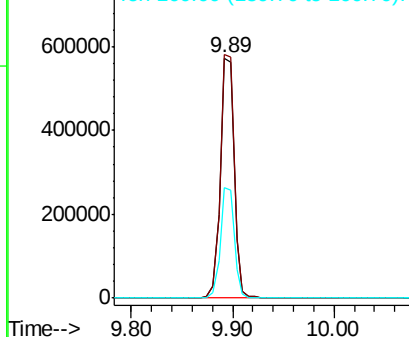


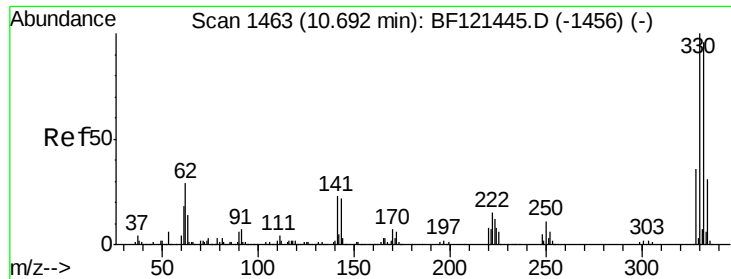
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





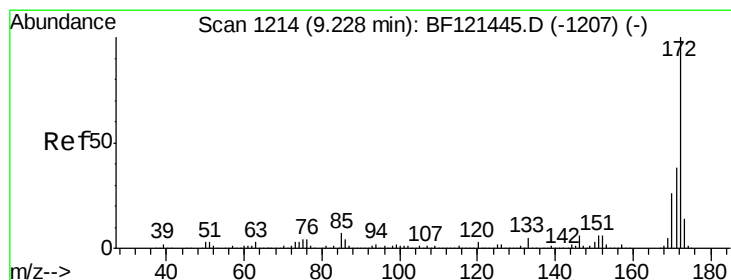
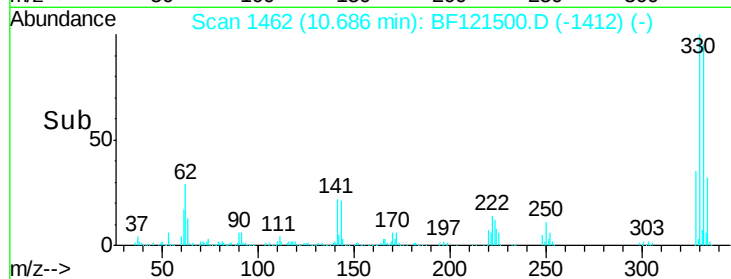
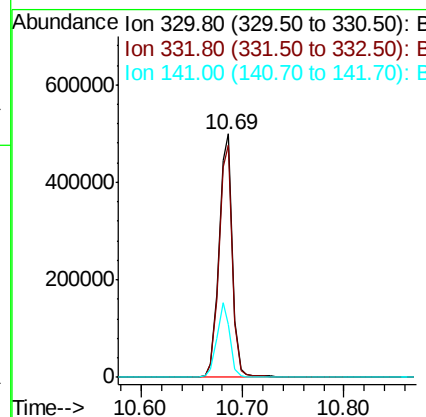
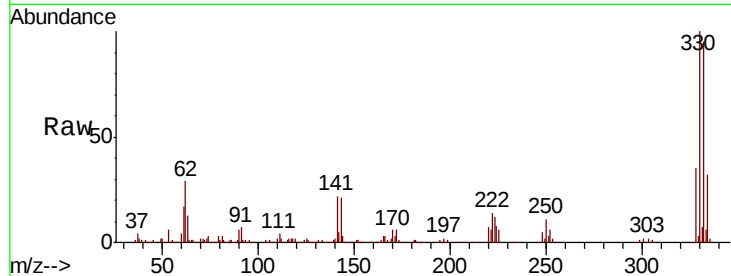
#42
 2,4,6-Tribromophenol
 Concen: 84.013 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF121500.D
 Acq: 1 Sep 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.2
141	29.8	24.6	36.8

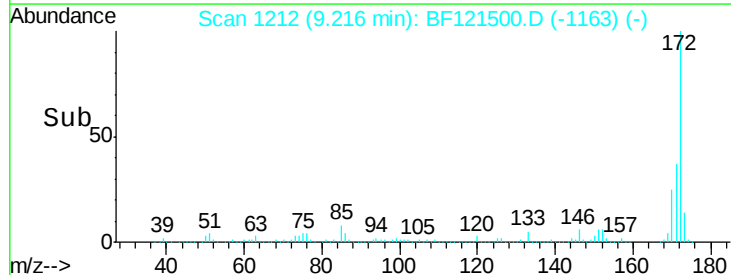
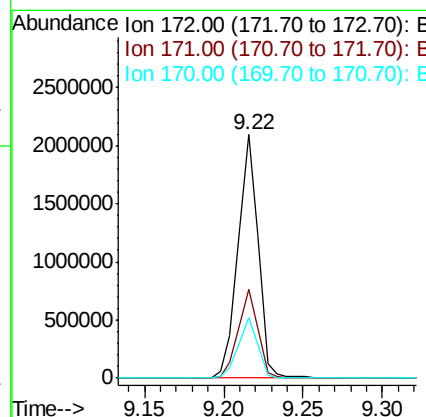
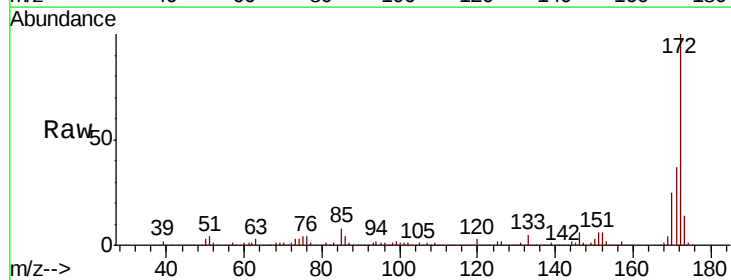
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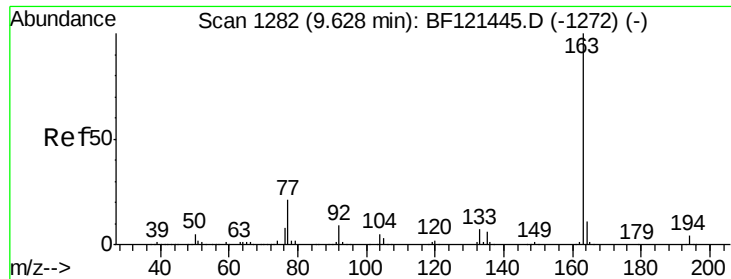
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#45
 2-Fluorobiphenyl
 Concen: 55.521 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF121500.D
 Acq: 1 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	24.7	20.6	31.0





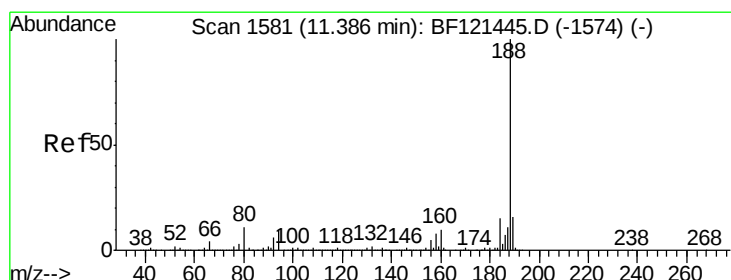
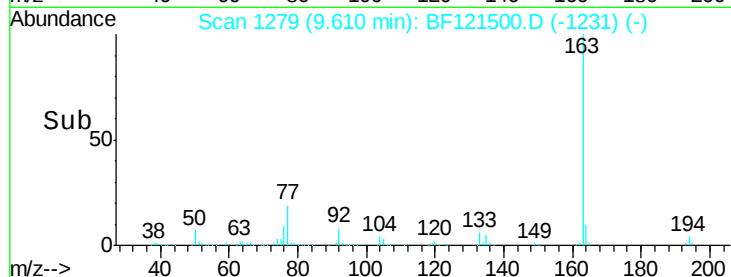
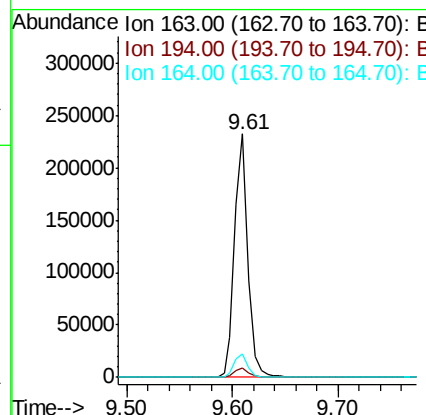
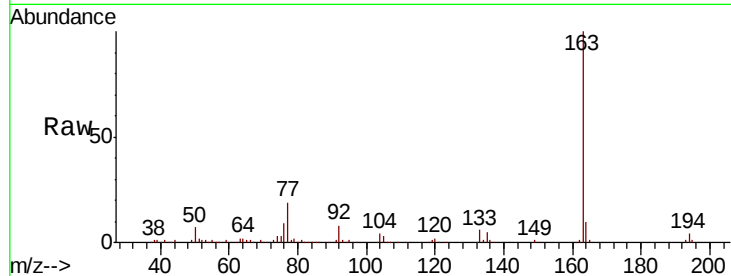
#50
Dimethylphthalate
Concen: 5.425 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF121500.D
Acq: 1 Sep 2020 17:03

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.7	8.6	12.8

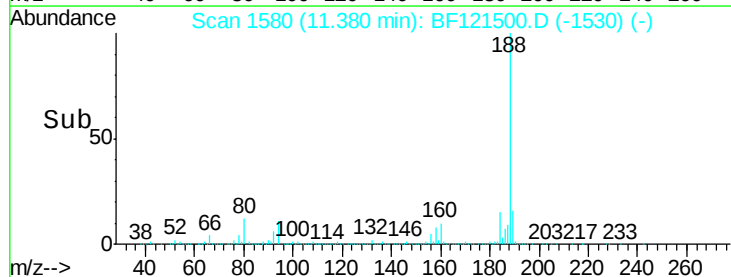
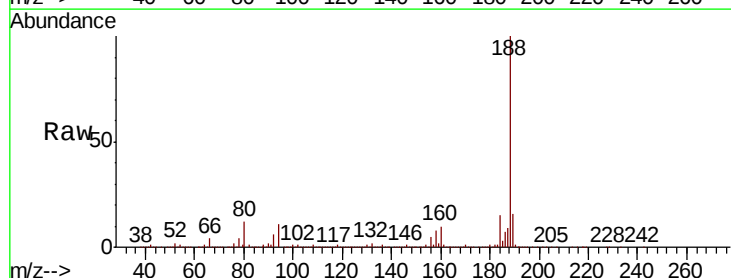
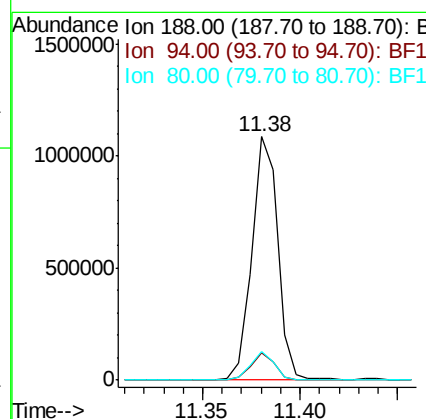
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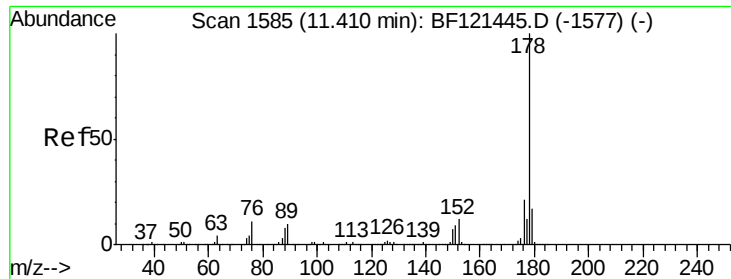
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121500.D
Acq: 1 Sep 2020 17:03

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	11.2	8.3	12.5
80	11.9	8.6	13.0





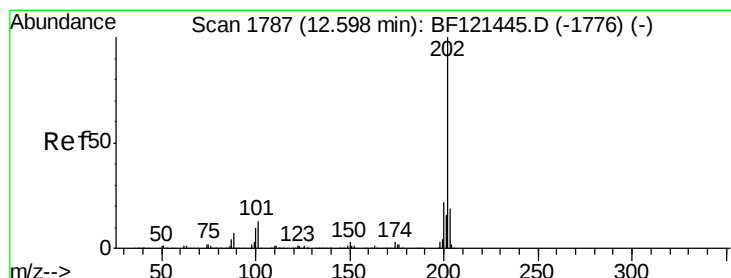
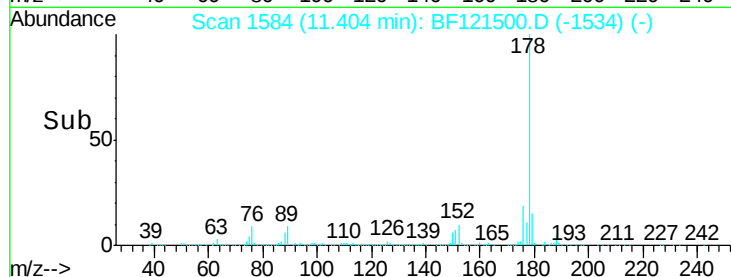
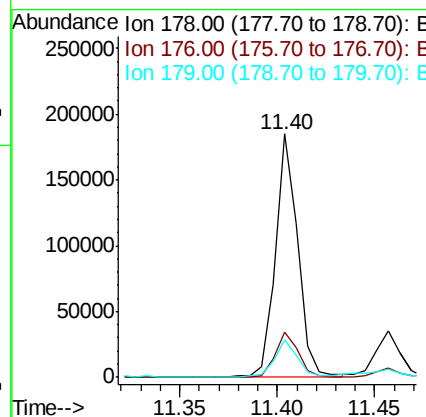
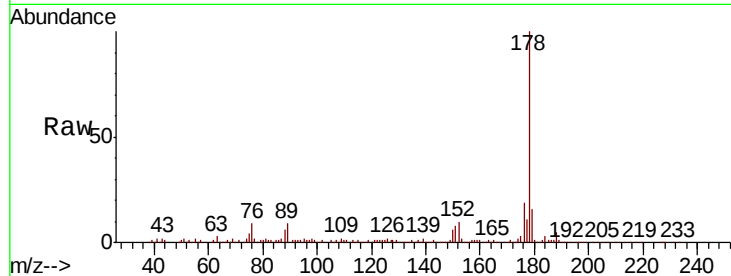
#71
Phenanthrene
Concen: 2.847 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF121500.D
Acq: 1 Sep 2020 17:03

Instrument :
BNA_F
ClientSampled :
TP-1-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.9	25.3
179	15.6	13.4	20.0

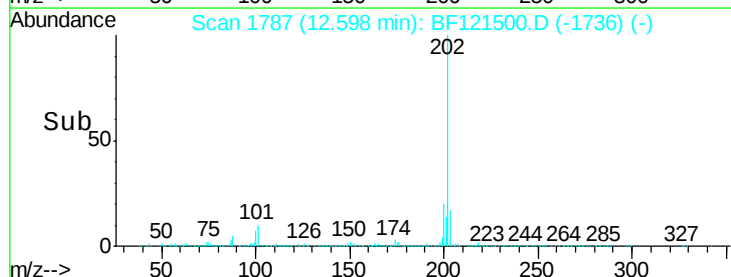
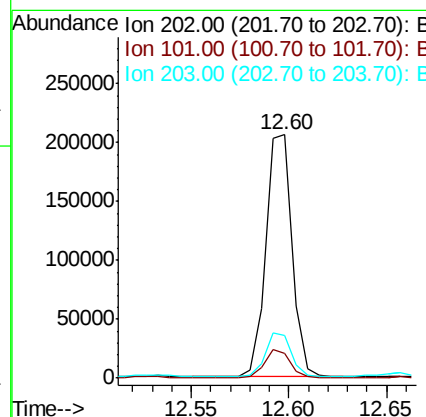
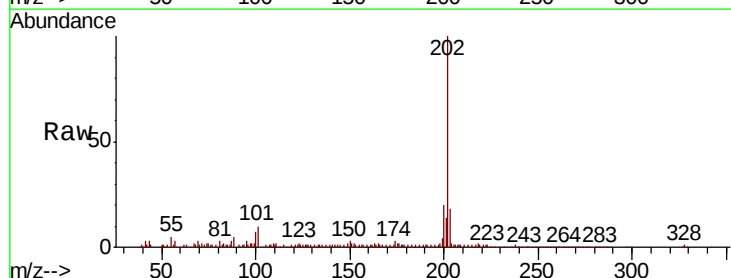
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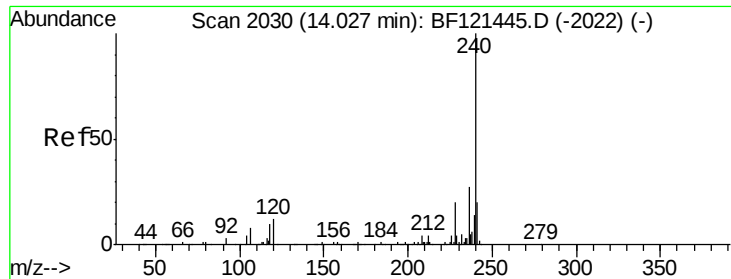
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#75
Fluoranthene
Concen: 3.469 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF121500.D
Acq: 1 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	33.3
203	17.6	0.0	39.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF121500.D

Acq: 1 Sep 2020 17:03

Instrument :

BNA_F

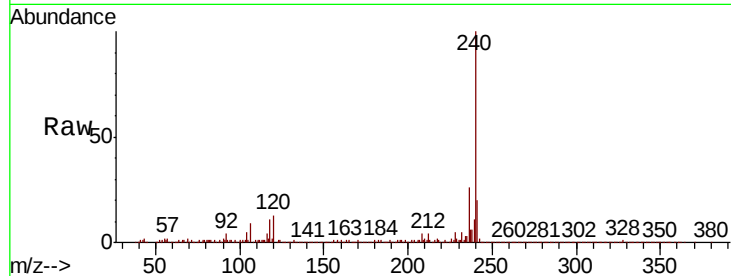
ClientSampleId :

TP-1-S

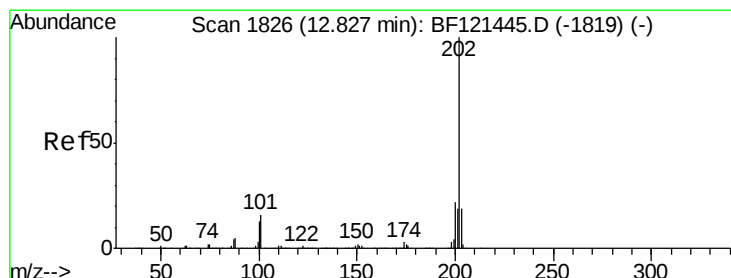
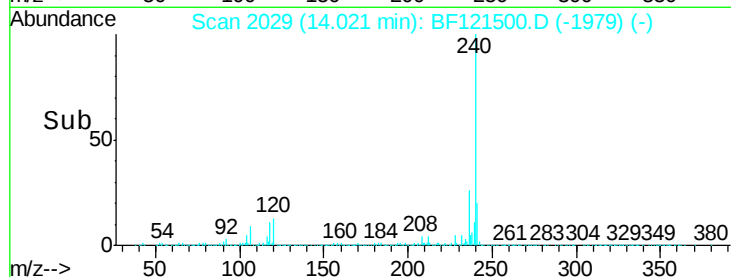
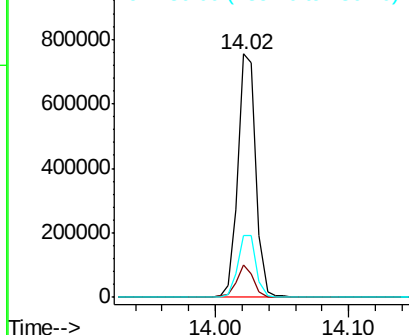
Tot Ion:	240	Resp:	712586
Ion Ratio	Lower	Upper	
240	100		
120	13.1	9.5	14.3
236	25.7	21.8	32.6

Manual Integrations
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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



#78

Pyrene

Concen: 3.596 ng

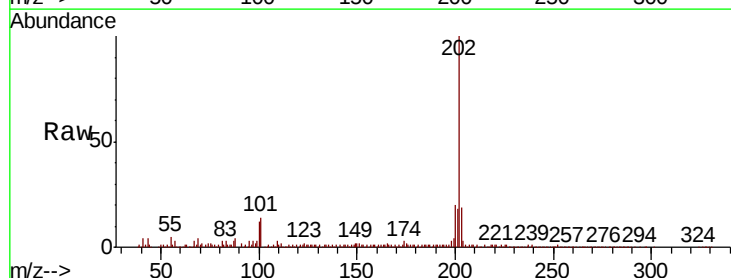
RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

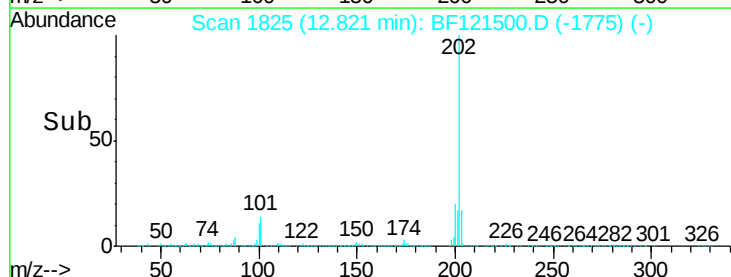
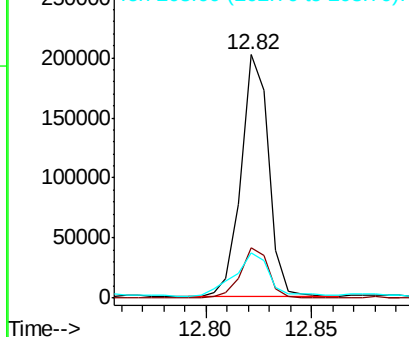
Lab File: BF121500.D

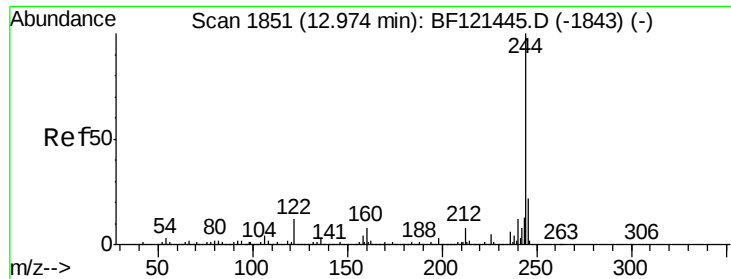
Acq: 1 Sep 2020 17:03

Tgt Ion:	202	Resp:	183018
Ion Ratio	Lower	Upper	
202	100		
200	20.5	18.0	27.0
203	18.5	15.3	22.9



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





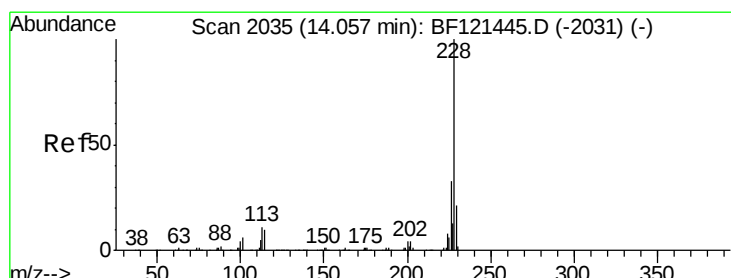
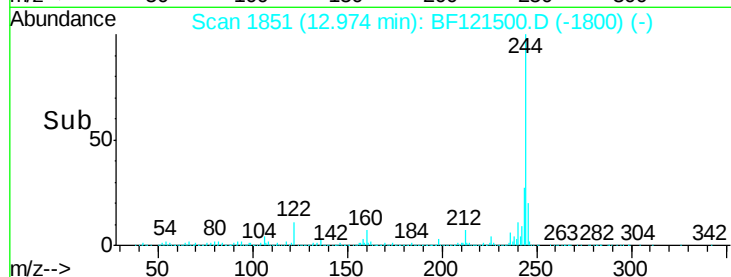
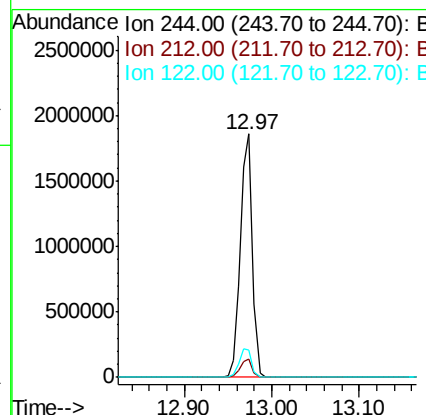
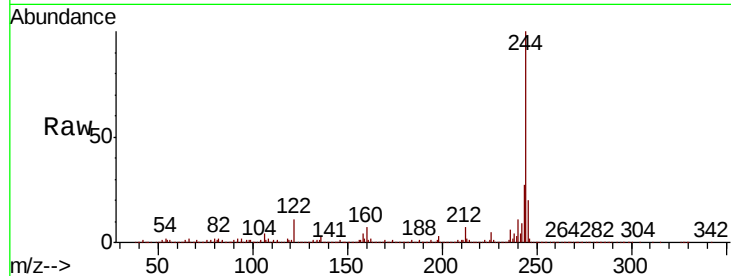
#79
 Terphenyl-d14
 Concen: 51.469 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF121500.D
 Acq: 1 Sep 2020 17:03

Instrument :
 BNA_F
 ClientSampled :
 TP-1-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	11.1	9.5	14.3

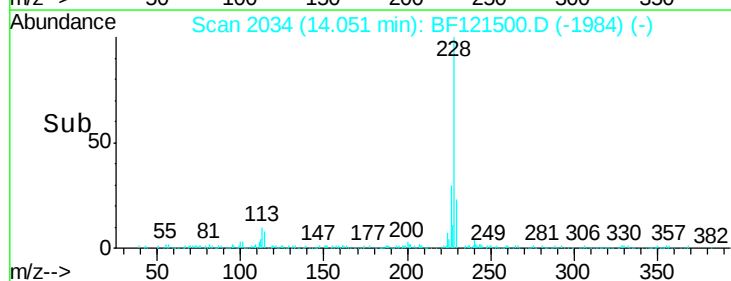
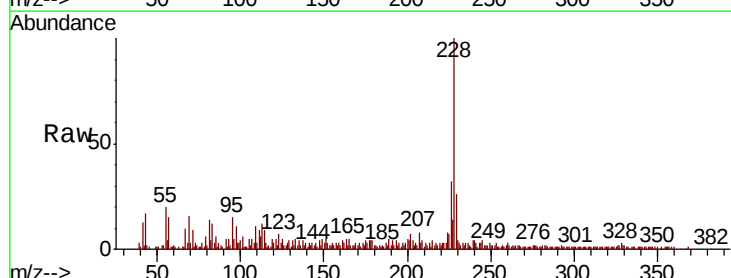
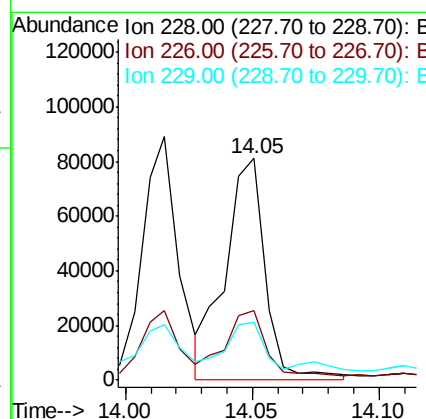
Manual Integrations
 APPROVED

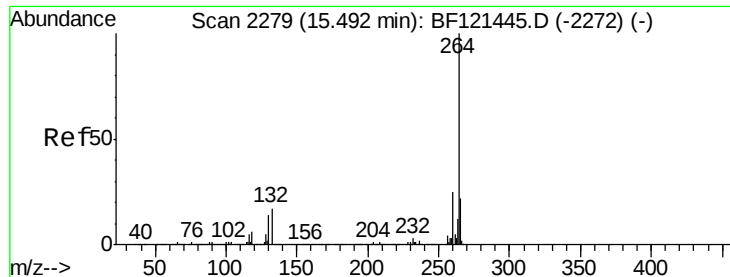
mohammad
 9/2/2020 1:57:17 PM



#83
 Chrysene
 Concen: 2.065 ng m
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF121500.D
 Acq: 1 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	26.2	39.2
229	26.1	16.6	25.0





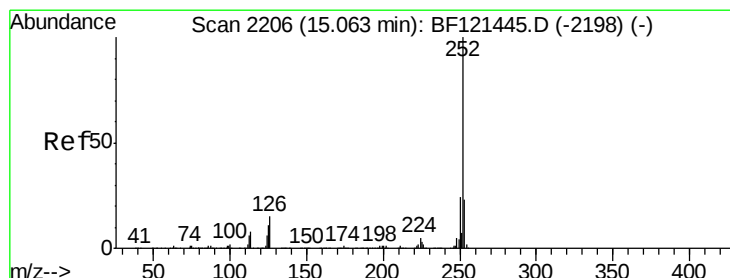
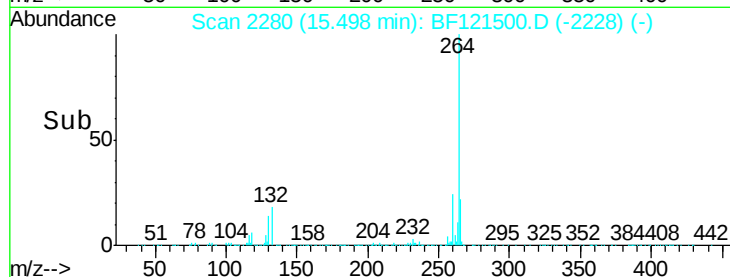
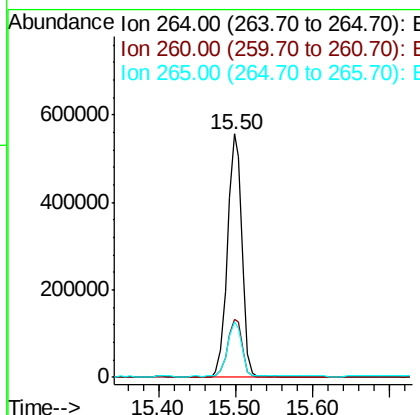
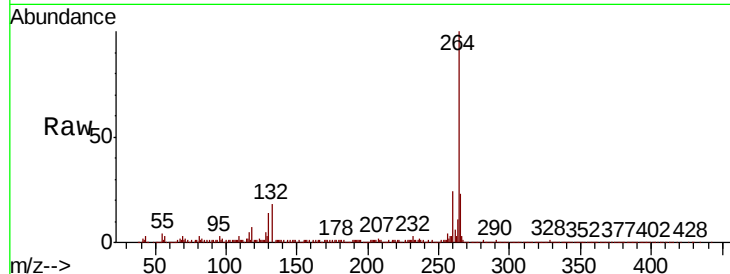
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF121500.D
Acq: 1 Sep 2020 17:03

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	22.6	17.8	26.6

Manual Integrations
APPROVED

mohammad
9/2/2020 1:57:17 PM



#88
Benzo(b)fluoranthene
Concen: 2.194 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF121500.D
Acq: 1 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.1	18.3	27.5#
125	18.4	9.2	13.8#

