

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121240.D
 Acq On : 11 Aug 2020 15:14
 Operator : JU/CG
 Sample : L3623-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STP-7A

Manual Integrations
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 8/12/2020 1:47:33 PM

Quant Time: Aug 11 16:23:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139792	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	553626	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	284223	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	582404	20.00	ng	0.00
76) Chrysene-d12	13.96	240	534979	20.00	ng	0.00
86) Perylene-d12	15.42	264	532481	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	663623	77.82	ng	0.00
7) Phenol-d6	6.43	99	811784	73.70	ng	-0.02
23) Nitrobenzene-d5	7.36	82	520859	54.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	224281	72.09	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1025591	53.88	ng	-0.01
79) Terphenyl-d14	12.91	244	1126081	45.76	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	63739	3.108	ng	99
71) Phenanthrene	11.35	178	92886	3.101	ng	97
75) Fluoranthene	12.53	202	211611	6.374	ng	99
78) Pyrene	12.76	202	204007	5.394	ng	99
81) Benzo(a)anthracene	13.95	228	116906	3.609	ng	98
83) Chrysene	13.99	228	98567	2.895	ng	97
88) Benzo(b)fluoranthene	14.99	252	124554m	3.870	ng	
90) Benzo(a)pyrene	15.35	252	94405	3.215	ng	97

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

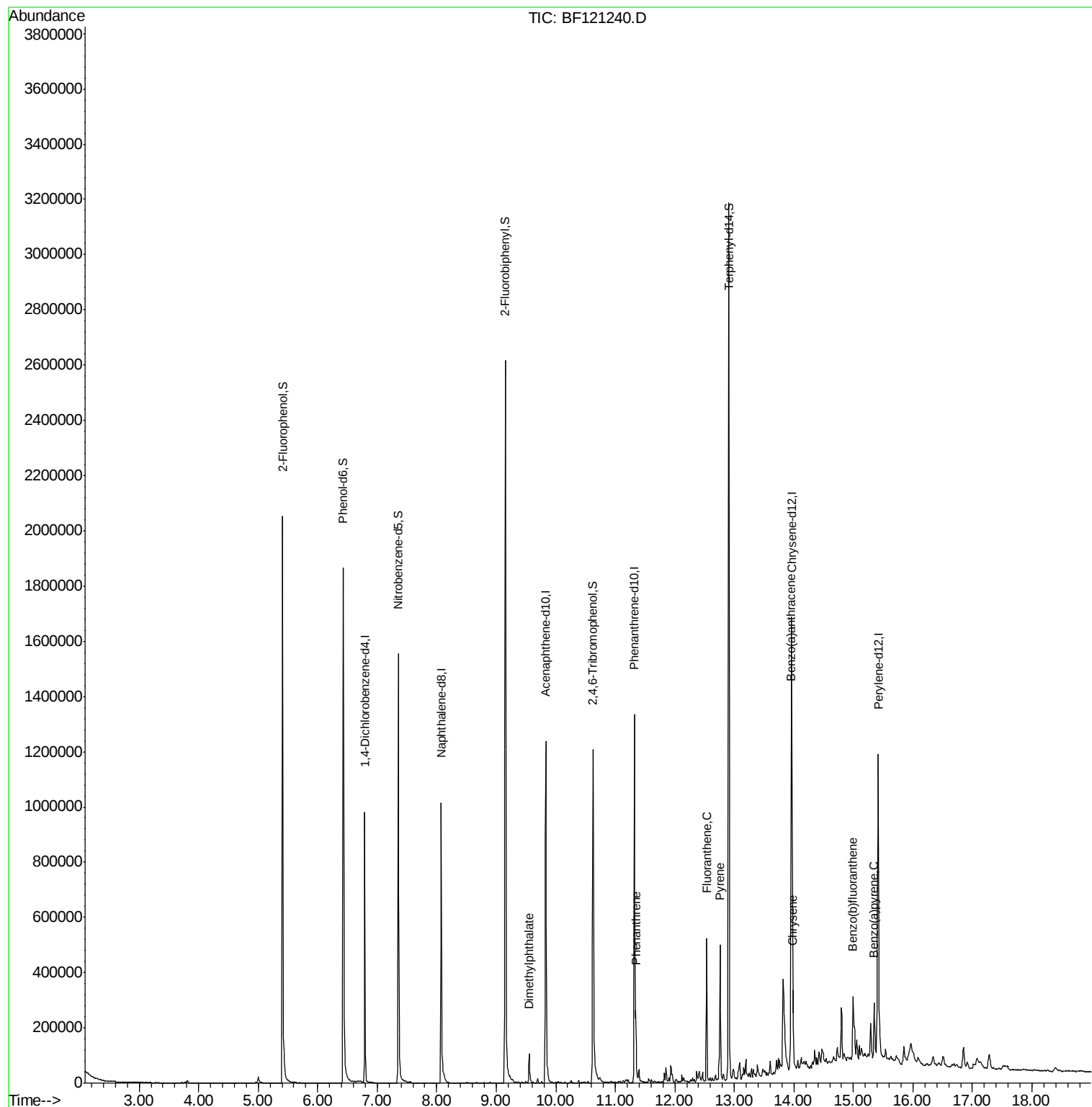
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
Data File : BF121240.D
Acq On : 11 Aug 2020 15:14
Operator : JU/CG
Sample : L3623-03
Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration





#1

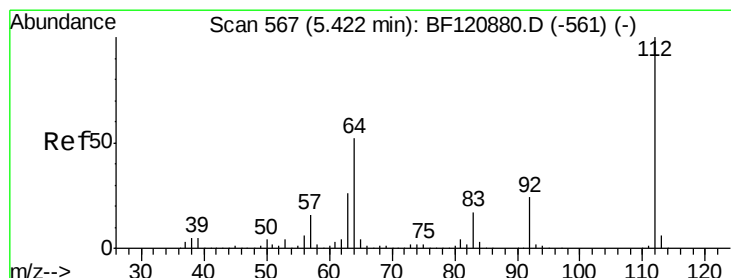
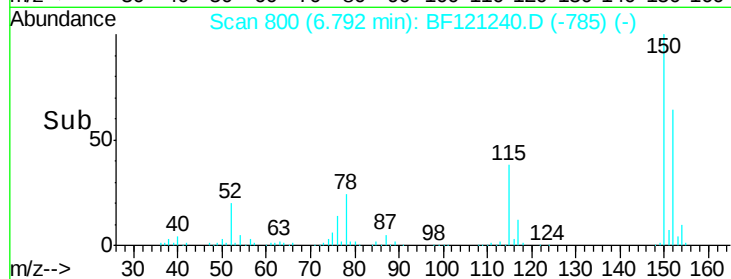
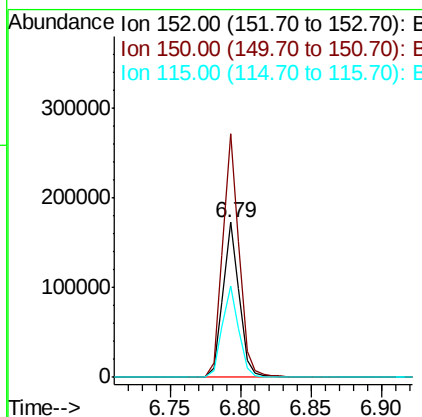
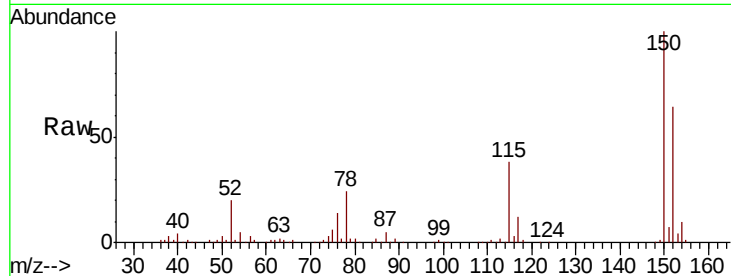
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121240.D
Acq: 11 Aug 2020 15:14

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.6	188.4
115	59.2	46.2	69.2

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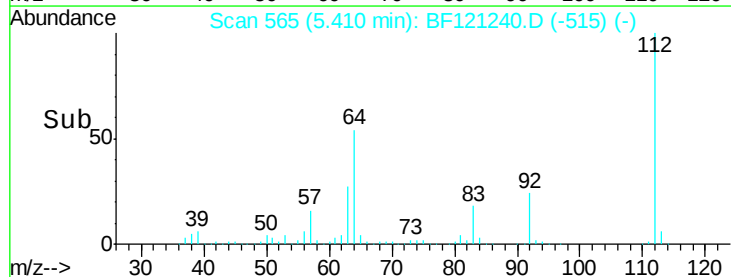
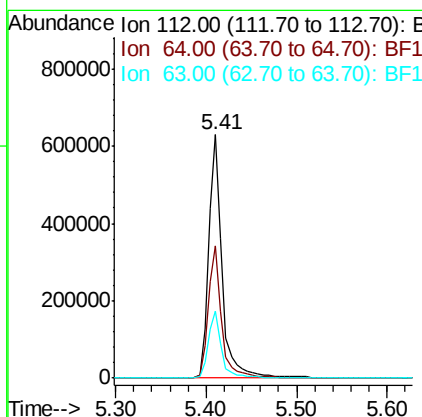
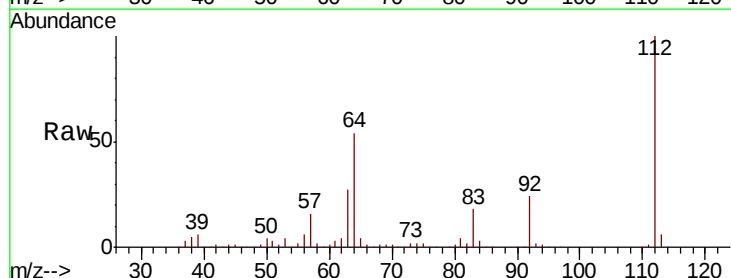
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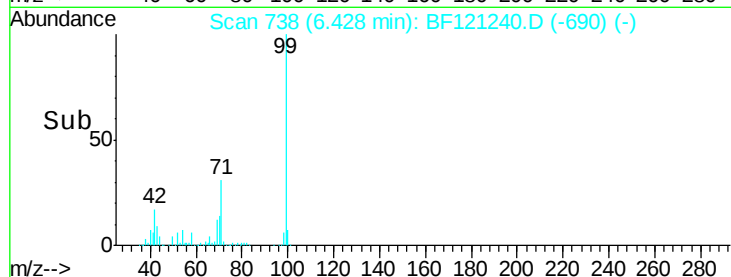
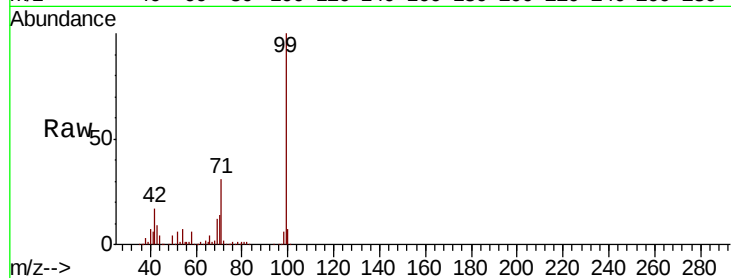
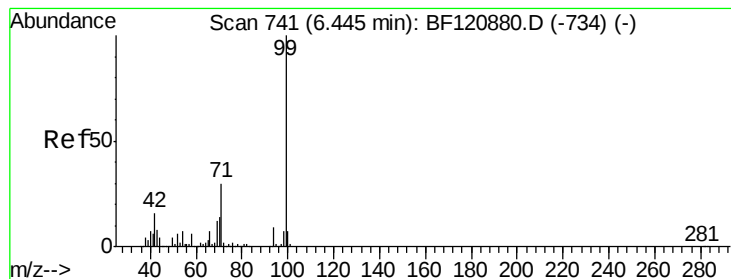


#5

2-Fluorophenol
Concen: 77.824 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121240.D
Acq: 11 Aug 2020 15:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	43.9	65.9
63	27.3	22.7	34.1





#7

Phenol-d6

Concen: 73.698 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121240.D

Acq: 11 Aug 2020 15:14

Tot Ion:	99	Resp:	811784
Ion Ratio	Lower	Upper	
99	100		
42	17.5	13.5	20.3
71	31.2	25.0	37.4

Instrument :

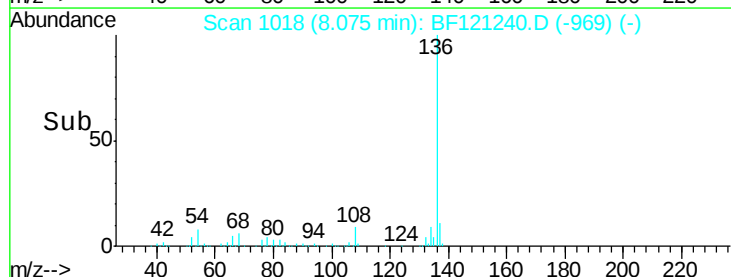
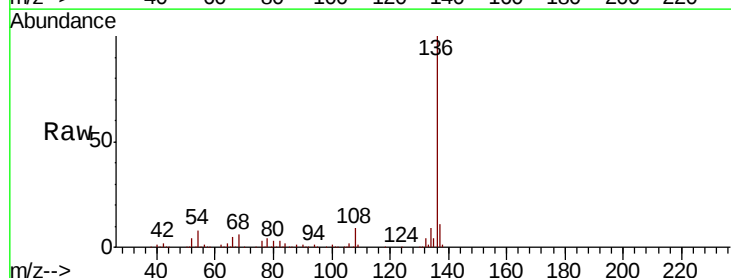
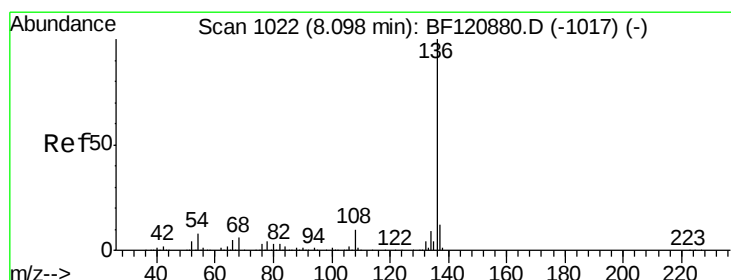
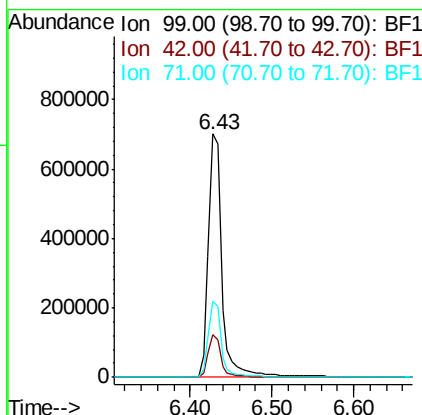
BNA_F

ClientSampleId :

STP-7A

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#21

Naphthalene-d8

Concen: 20.000 ng

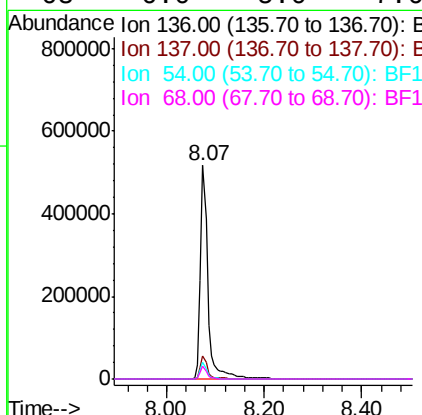
RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121240.D

Acq: 11 Aug 2020 15:14

Tgt Ion:	136	Resp:	553626
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	7.6	6.1	9.1
68	6.0	5.0	7.6





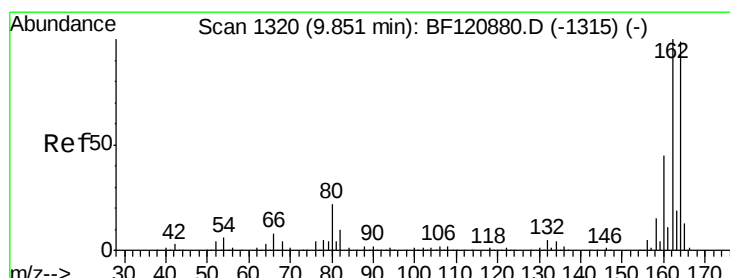
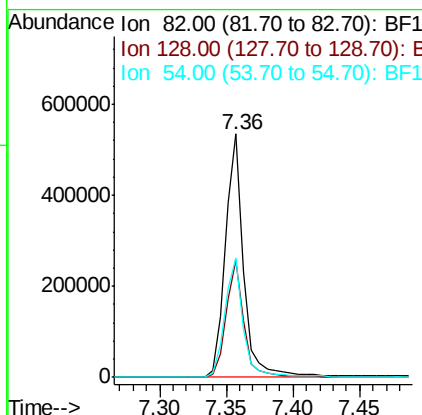
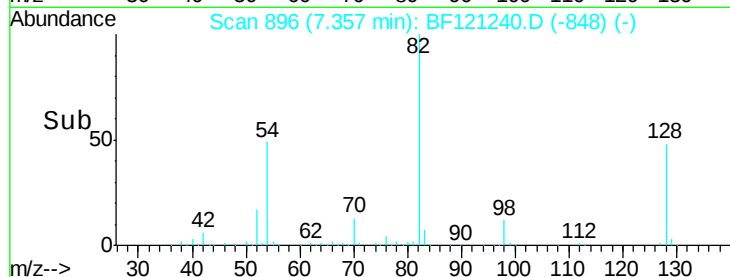
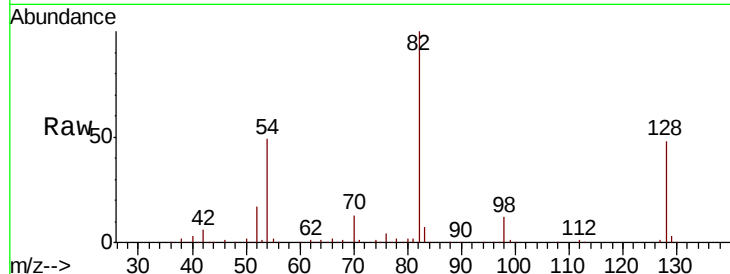
#23
 Nitrobenzene-d5
 Concen: 54.438 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121240.D
 Acq: 11 Aug 2020 15:14

Instrument :
 BNA_F
 ClientSampleId :
 STP-7A

Tot Ion:	82	Resp:	520859
Ion Ratio	Lower	Upper	
82	100		
128	47.9	39.2	58.8
54	49.3	37.8	56.8

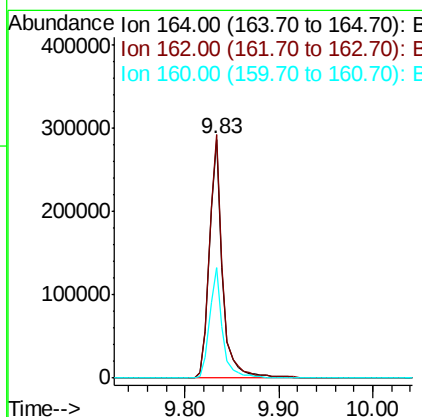
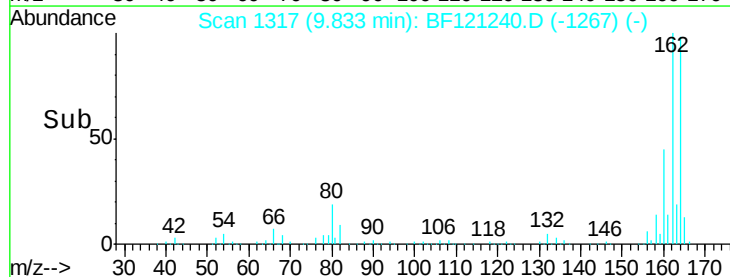
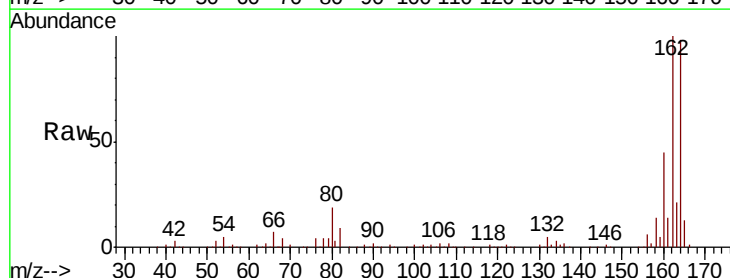
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121240.D
 Acq: 11 Aug 2020 15:14

Tgt Ion:	164	Resp:	284223
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.2	123.2
160	46.1	37.2	55.8





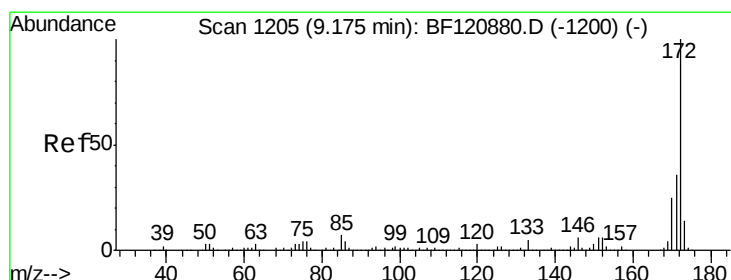
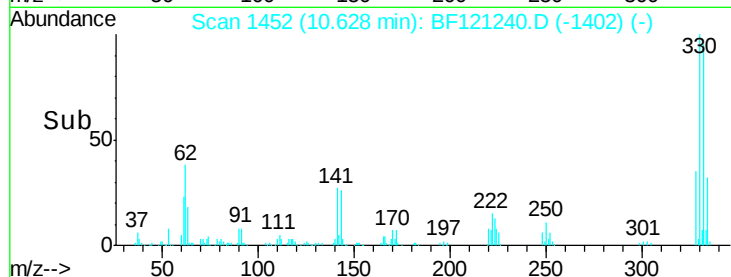
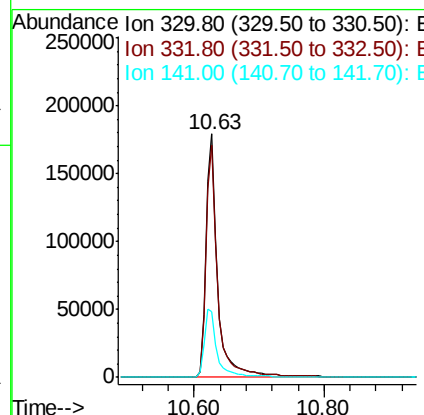
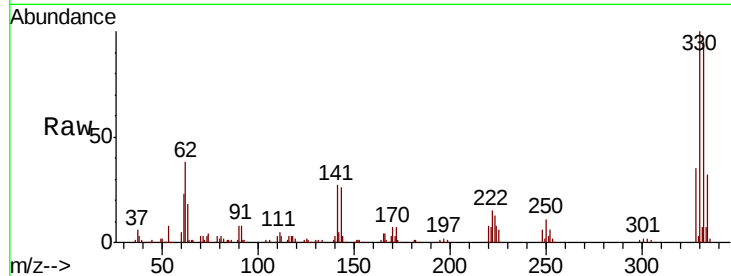
#42
 2,4,6-Tribromophenol
 Concen: 72.091 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121240.D
 Acq: 11 Aug 2020 15:14

Instrument :
 BNA_F
 ClientSampleId :
 STP-7A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	224281		
332	94.4	76.1	114.1	
141	31.0	24.1	36.1	

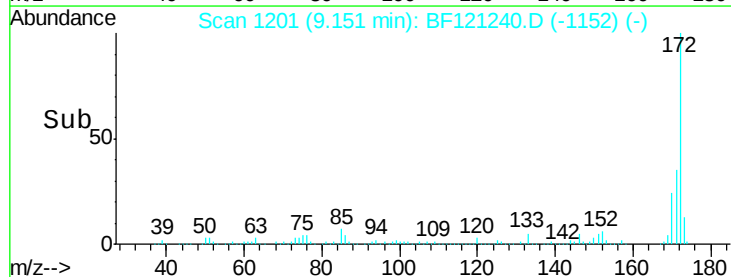
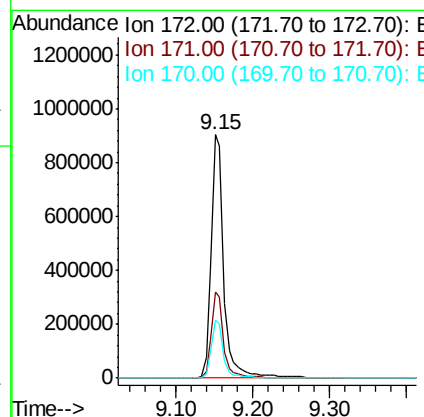
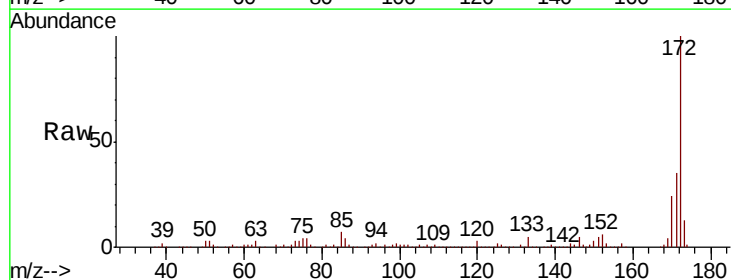
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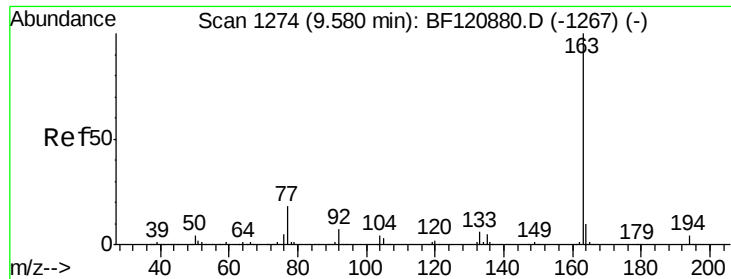
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#45
 2-Fluorobiphenyl
 Concen: 53.875 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121240.D
 Acq: 11 Aug 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1025591		
171	35.1	29.0	43.4	
170	23.9	19.6	29.4	





#50

Dimethylphthalate

Concen: 3.108 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121240.D

Acq: 11 Aug 2020 15:14

Instrument :

BNA_F

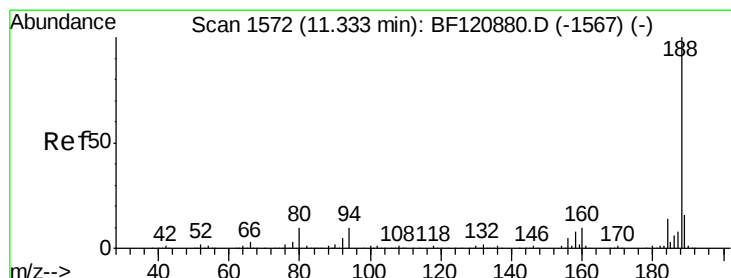
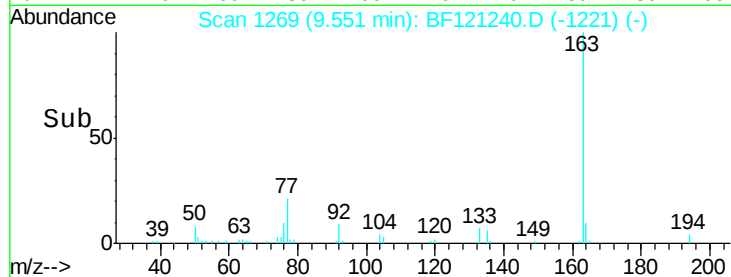
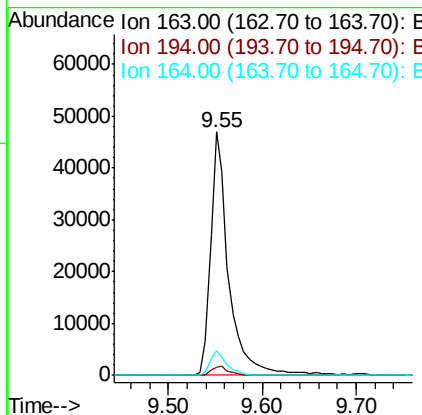
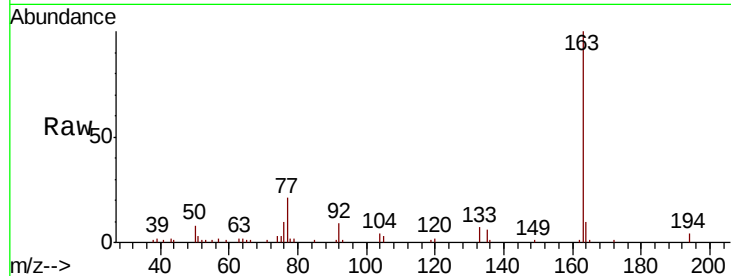
ClientSampleId :

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Tot Ion:163	Resp:	63739
Ion Ratio	Lower	Upper
163	100	
194	3.6	3.0 4.4
164	10.3	8.4 12.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

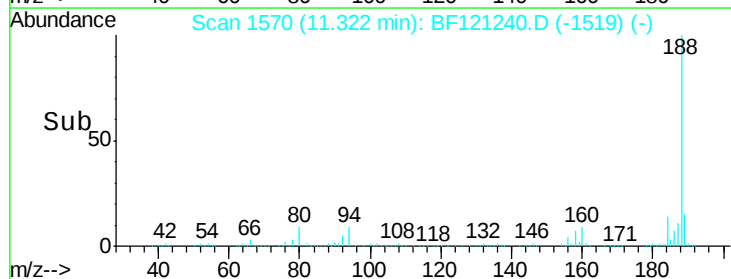
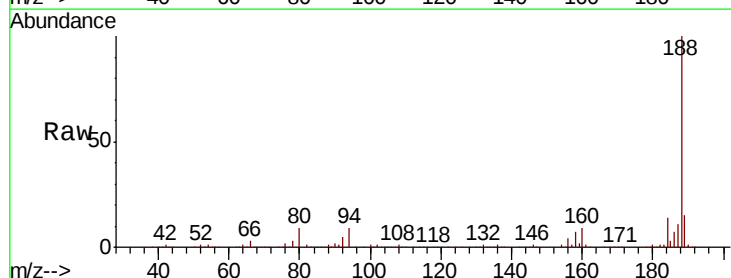
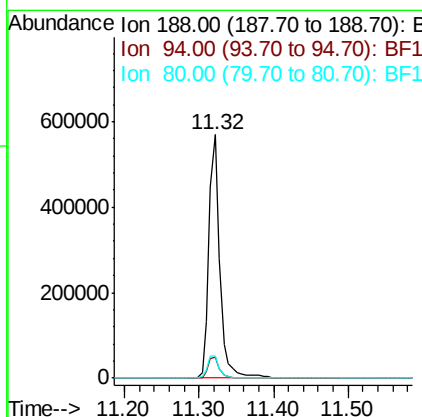
RT: 11.32 min Scan# 1570

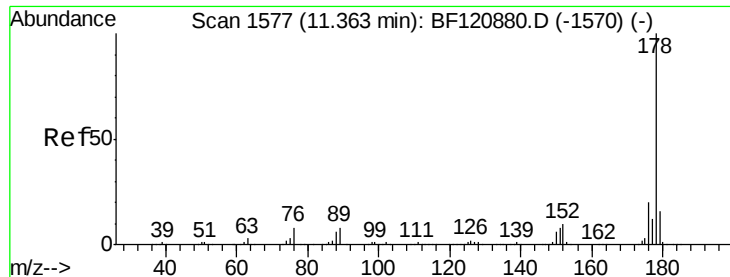
Delta R.T. 0.00 min

Lab File: BF121240.D

Acq: 11 Aug 2020 15:14

Tgt Ion:188	Resp:	582404
Ion Ratio	Lower	Upper
188	100	
94	8.5	8.0 12.0
80	9.2	8.3 12.5





#71

Phenanthrene

Concen: 3.101 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF121240.D

Acq: 11 Aug 2020 15:14

Instrument :

BNA_F

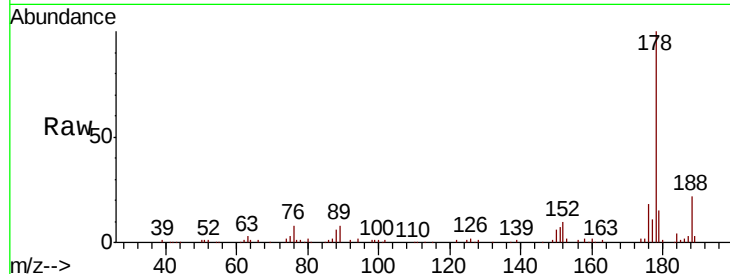
ClientSampleId :

STP-7A

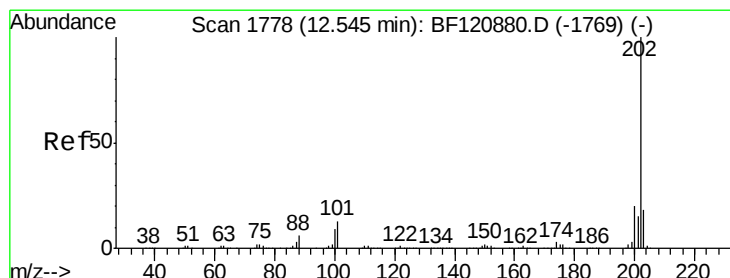
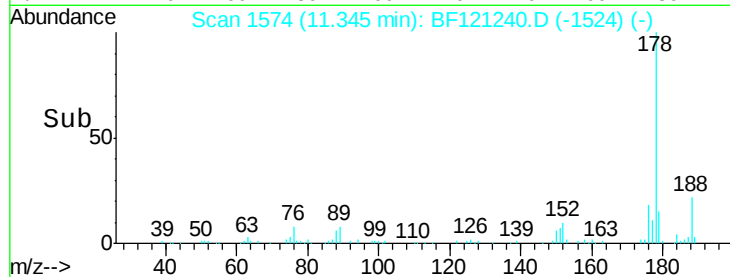
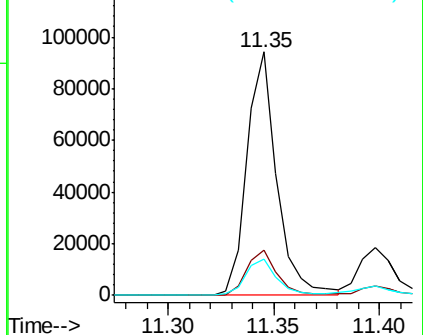
Tot Ion:	178	Resp:	92886
Ion Ratio	Lower	Upper	
178	100		
176	18.4	16.2	24.2
179	15.1	12.6	19.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 6.374 ng

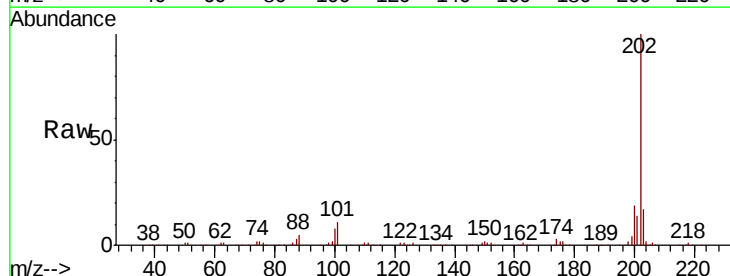
RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

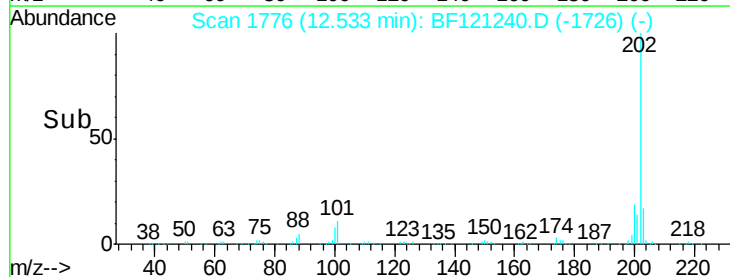
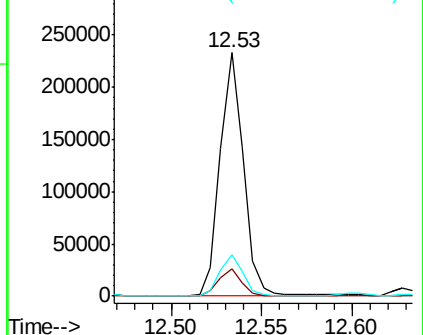
Lab File: BF121240.D

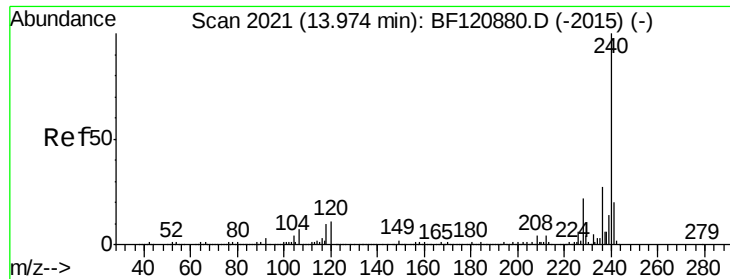
Acq: 11 Aug 2020 15:14

Tgt Ion:	202	Resp:	211611
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.5
203	17.1	0.0	37.7



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





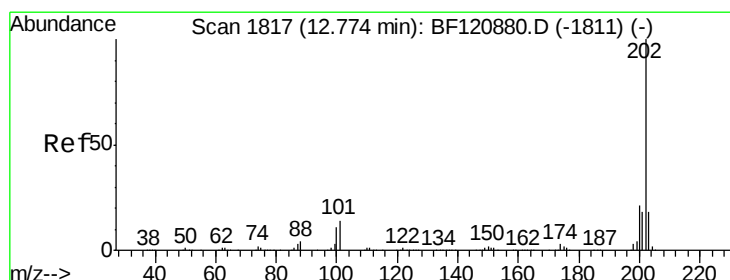
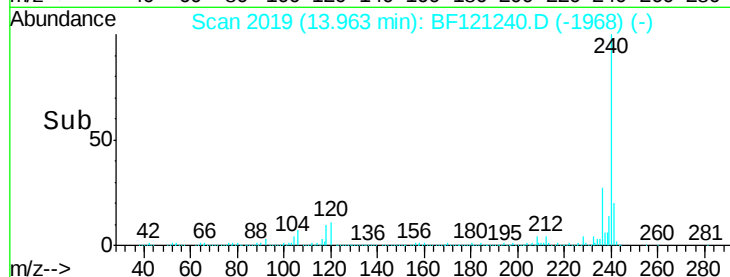
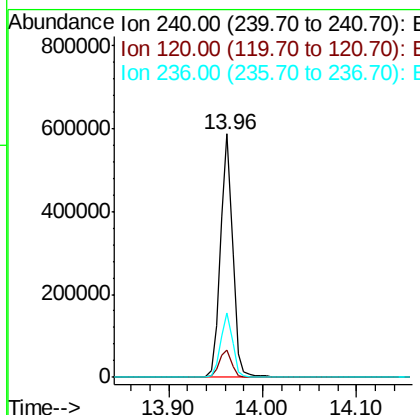
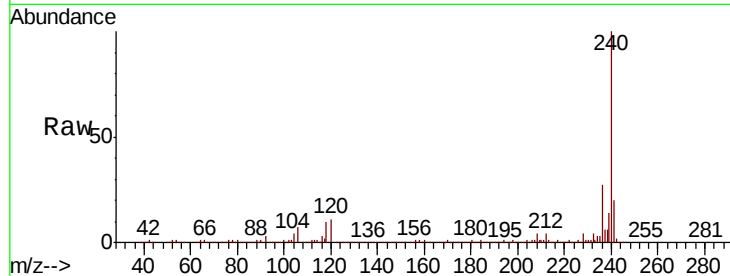
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121240.D
Acq: 11 Aug 2020 15:14

Instrument :
BNA_F
ClientSampleId :
STP-7A

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.3	9.3	13.9	
236	26.7	21.1	31.7	

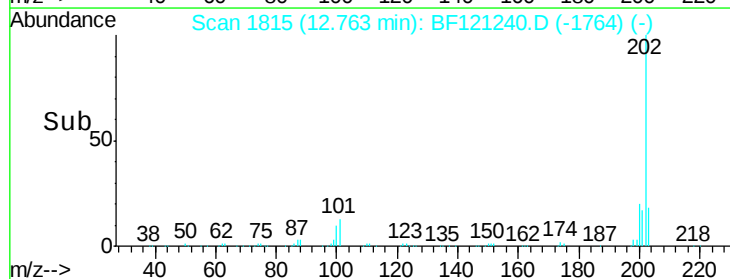
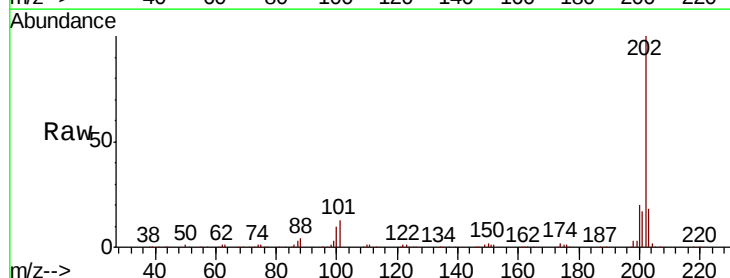
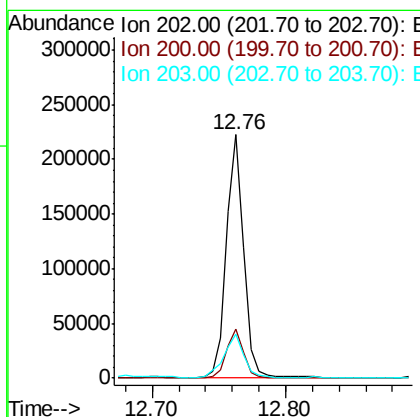
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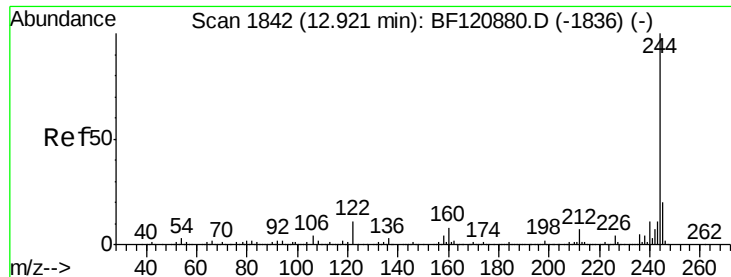
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#78
Pyrene
Concen: 5.394 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF121240.D
Acq: 11 Aug 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.4	17.0	25.6	
203	18.1	14.6	21.8	





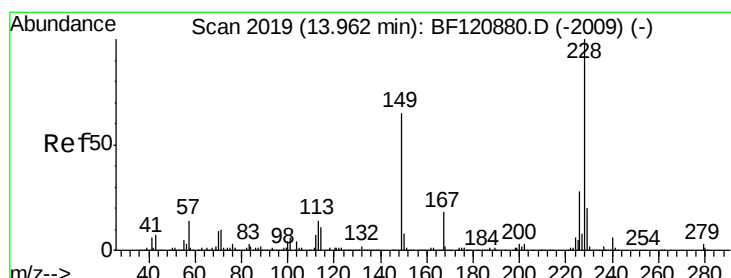
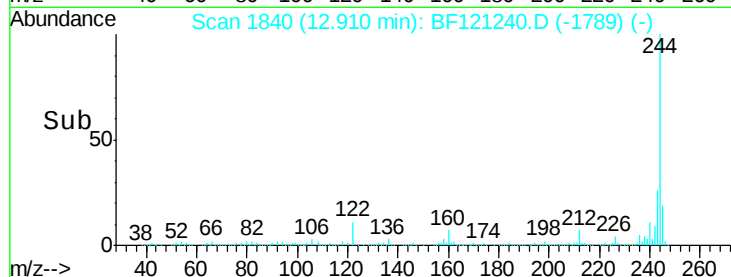
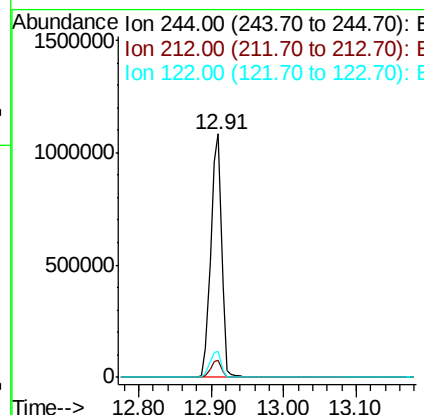
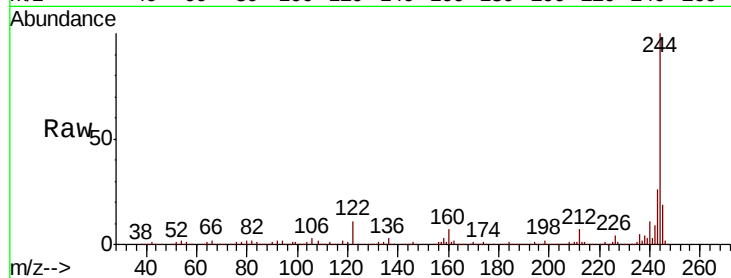
#79
 Terphenyl-d14
 Concen: 45.756 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF121240.D
 Acq: 11 Aug 2020 15:14

Instrument :
 BNA_F
 ClientSampled :
 STP-7A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.6	8.3	12.5

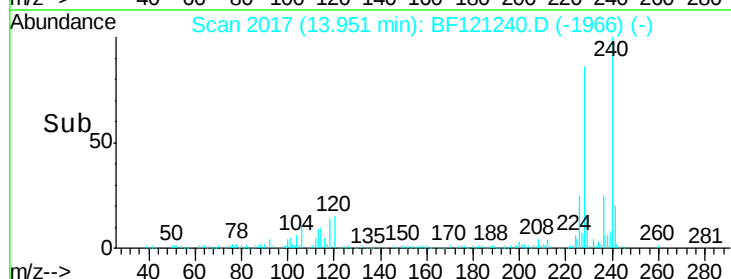
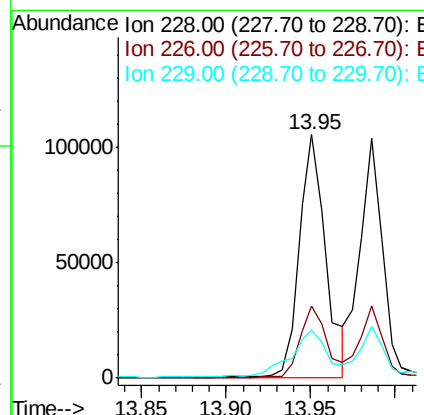
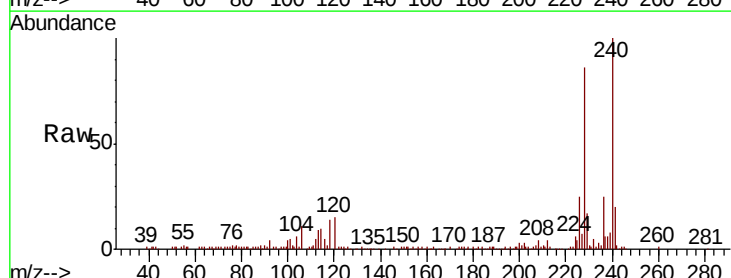
Manual Integrations
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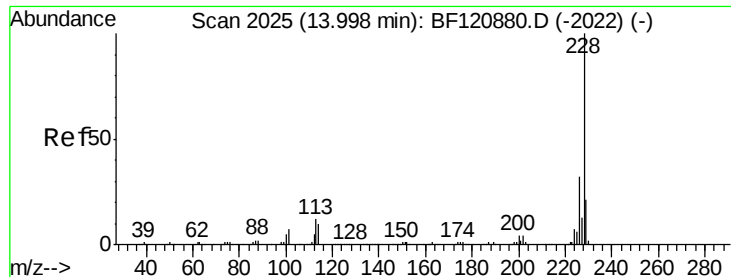
mohammad
 8/12/2020 1:47:33 PM



#81
 Benzo(a)anthracene
 Concen: 3.609 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF121240.D
 Acq: 11 Aug 2020 15:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	34.0
229	19.8	16.1	24.1





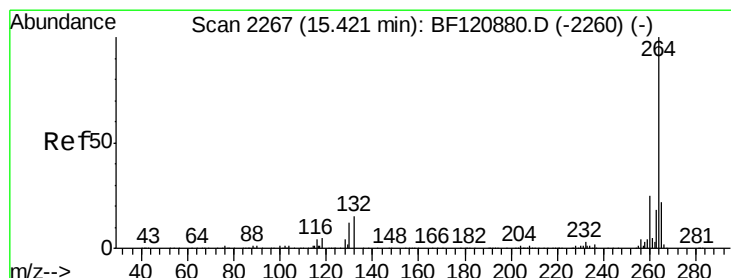
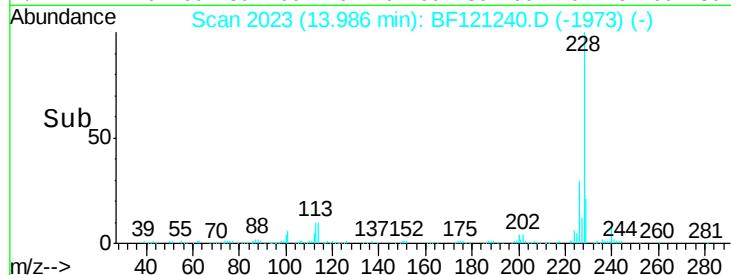
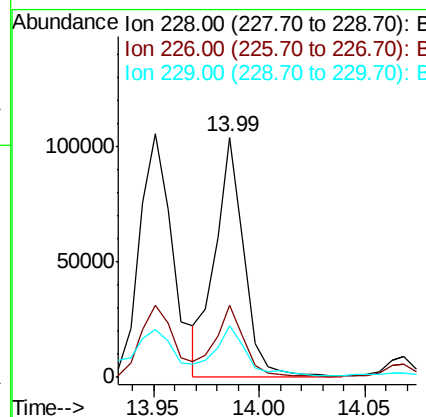
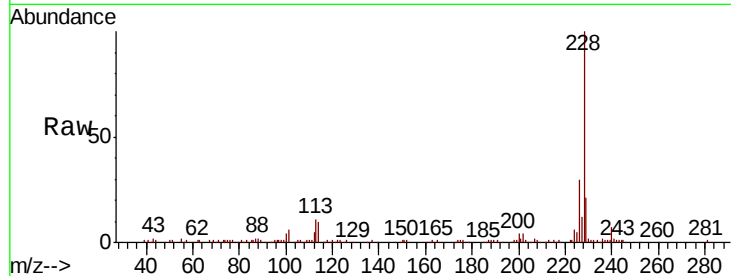
#83
Chrysene
Concen: 2.895 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121240.D
Acq: 11 Aug 2020 15:14

Instrument :
BNA_F
ClientSampleID :
STP-7A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.0
229	21.4	16.2	24.4

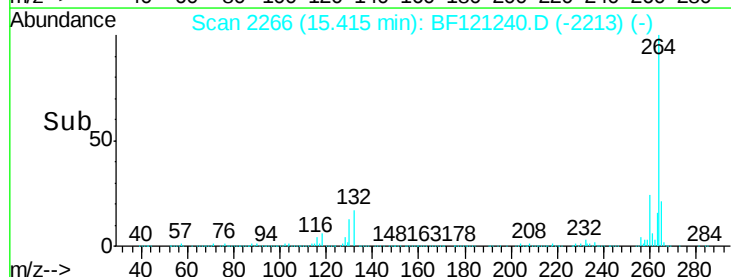
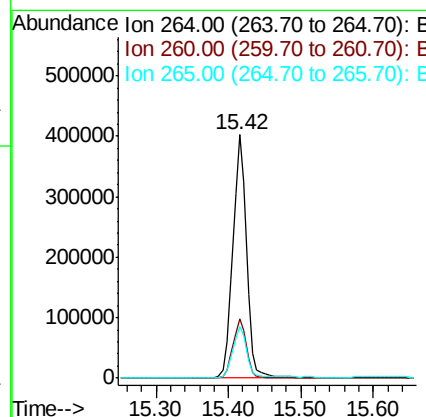
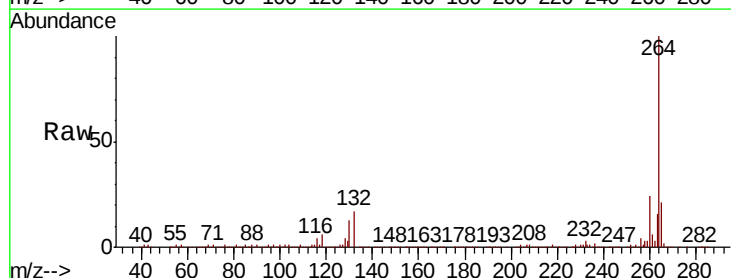
Manual Integrations
APPROVED

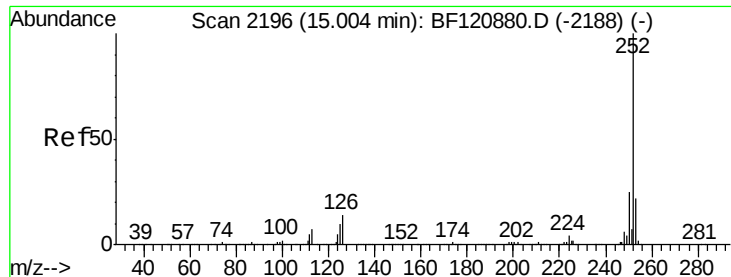
mohammad
8/12/2020 1:47:33 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121240.D
Acq: 11 Aug 2020 15:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.4	17.8	26.8





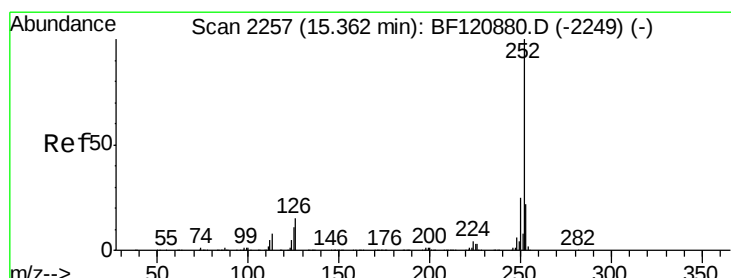
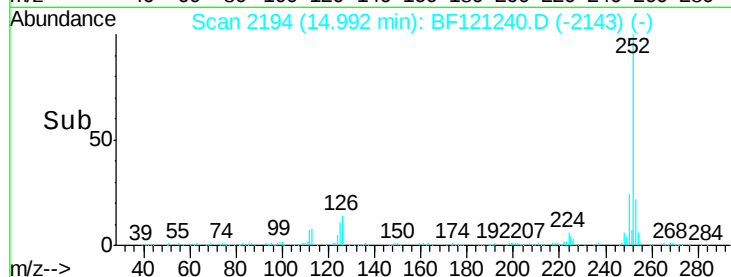
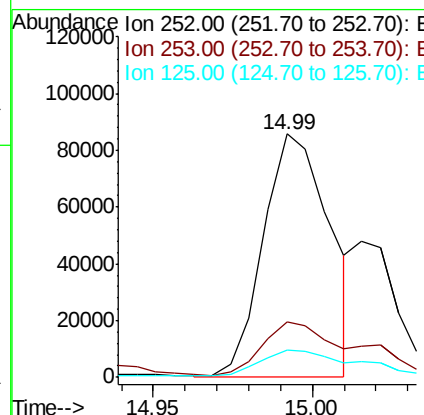
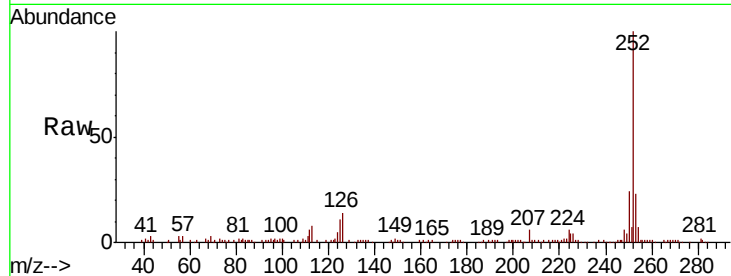
#88
Benzo(b)fluoranthene
Concen: 3.870 ng m
RT: 14.99 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BF121240.D
Acq: 11 Aug 2020 15:14

Instrument :
BNA_F
ClientSampled :
STP-7A

Tot Ion:252	Resp:	124554
Ion Ratio	Lower	Upper
252	100	
253	22.8	17.9 26.9
125	11.4	8.1 12.1

Manual Integrations
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mohammad
8/12/2020 1:47:33 PM



#90
Benzo(a)pyrene
Concen: 3.215 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121240.D
Acq: 11 Aug 2020 15:14

Tgt Ion:252	Resp:	94405
Ion Ratio	Lower	Upper
252	100	
253	23.8	18.0 27.0
125	10.6	9.5 14.3

