

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
 Data File : BF121227.D
 Acq On : 7 Aug 2020 12:04
 Operator : JU/CG
 Sample : L3548-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-004

Manual Integrations
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mohammad
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Quant Time: Aug 07 12:36:14 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	138829	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	548462	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	286829	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	558636	20.00	ng	0.00
76) Chrysene-d12	13.96	240	483985	20.00	ng	0.00
86) Perylene-d12	15.42	264	436331	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	855434	101.01	ng	0.00
7) Phenol-d6	6.43	99	1057971	96.71	ng	-0.01
23) Nitrobenzene-d5	7.36	82	714993	75.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	317416	101.10	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1293419	67.33	ng	0.00
79) Terphenyl-d14	12.92	244	1332510	59.85	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.55	163	157037	7.589	ng	99
71) Phenanthrene	11.35	178	85842	2.988	ng	98
75) Fluoranthene	12.53	202	211929	6.655	ng	98
78) Pyrene	12.76	202	193462	5.654	ng	99
81) Benzo(a)anthracene	13.95	228	89813	3.064	ng	98
83) Chrysene	13.99	228	100897	3.276	ng	96
88) Benzo(b)fluoranthene	15.00	252	125881m	4.773	ng	
90) Benzo(a)pyrene	15.35	252	67246	2.795	ng	98

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

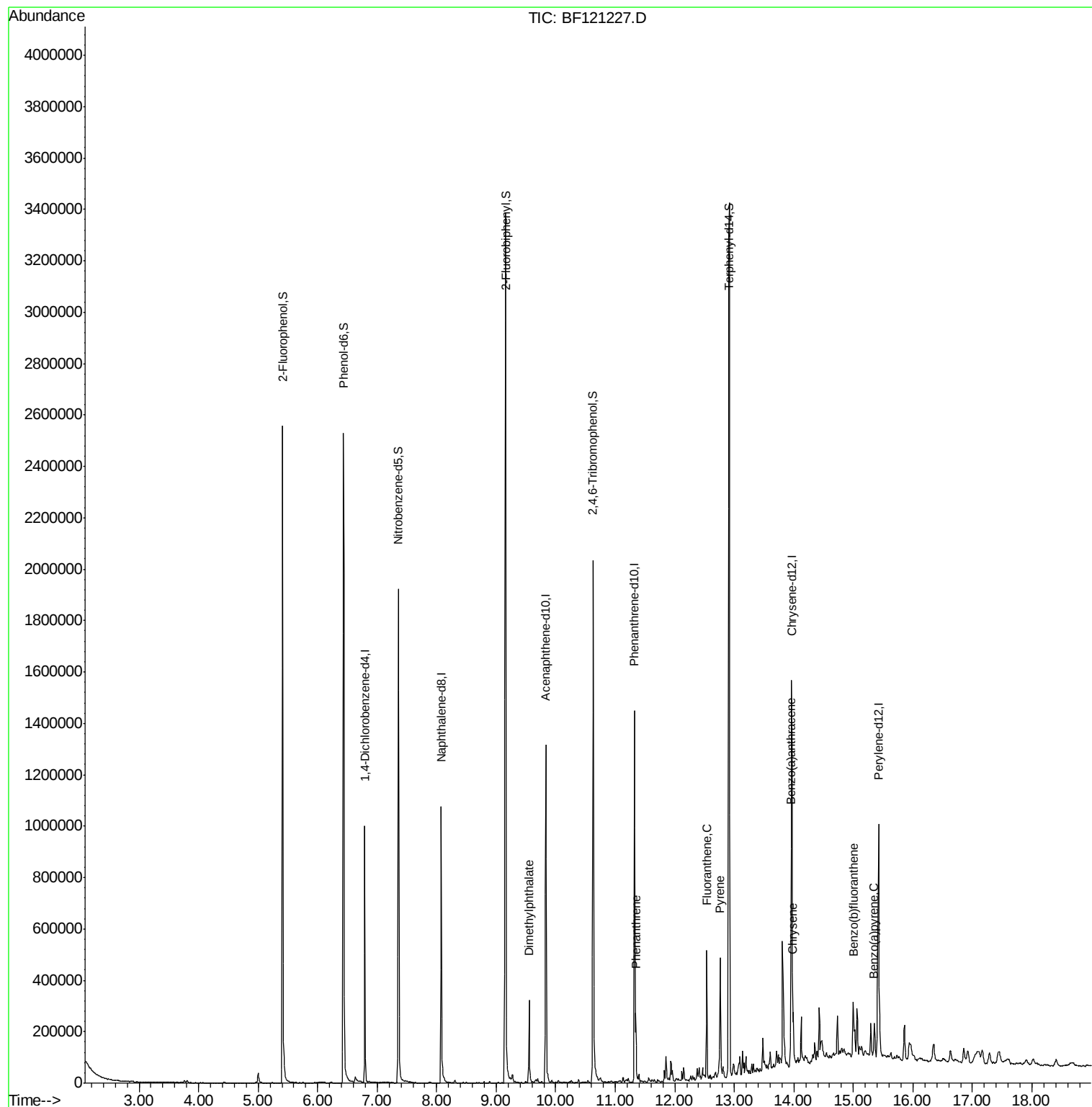
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121227.D
Acq On : 7 Aug 2020 12:04
Operator : JU/CG
Sample : L3548-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

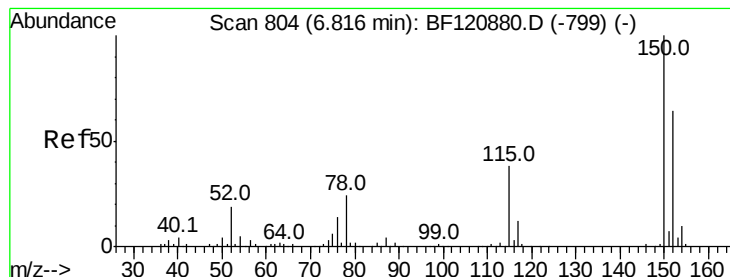
Instrument :
BNA_F
ClientSampleId :
CRT-004

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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

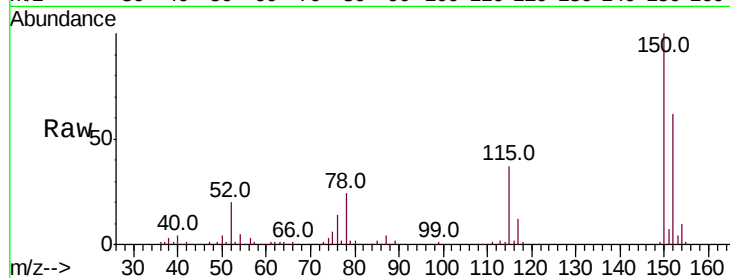
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	125.6	188.4
115	60.1	46.2	69.2

Manual Integrations
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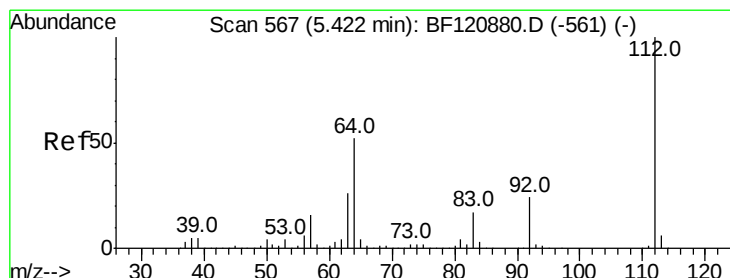
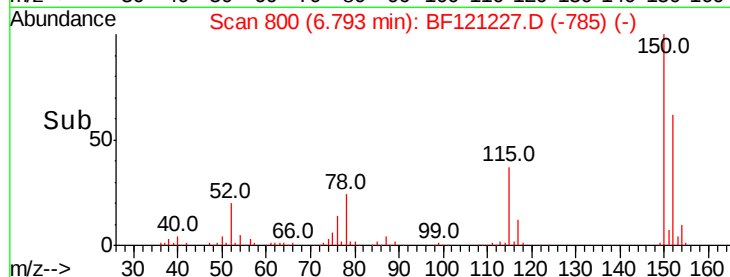
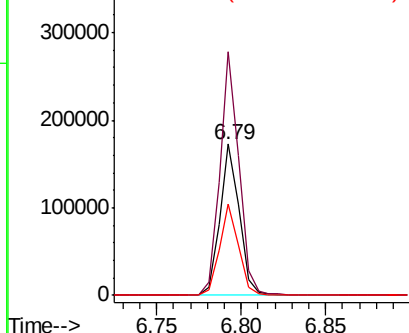


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

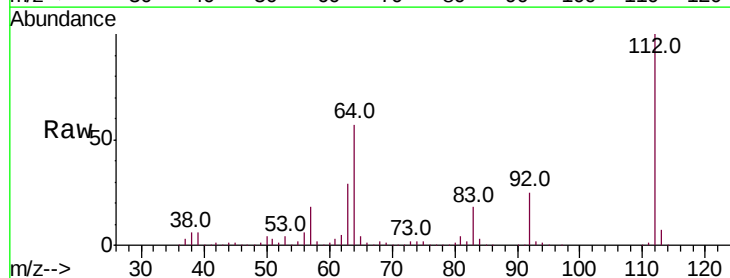
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.014 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	43.9	65.9
63	28.7	22.7	34.1

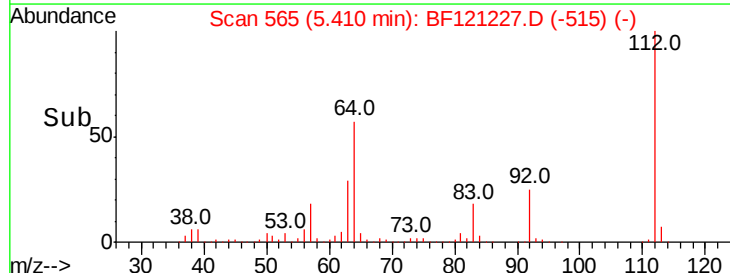
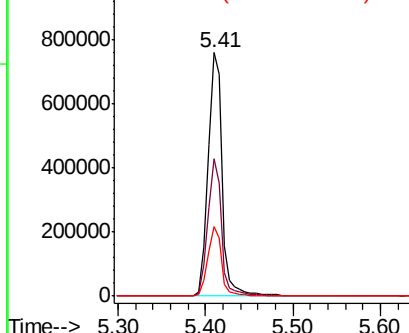


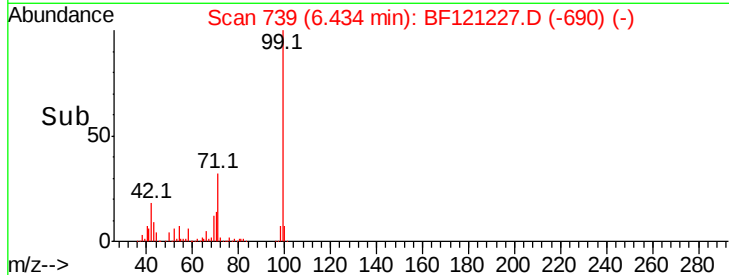
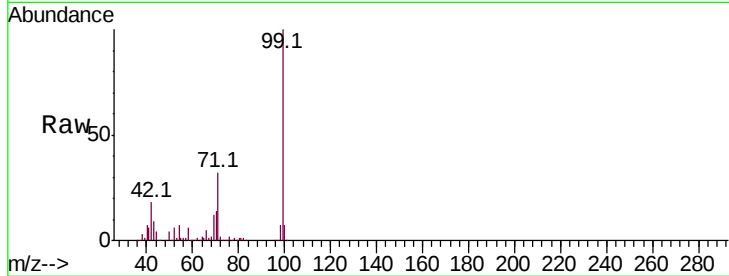
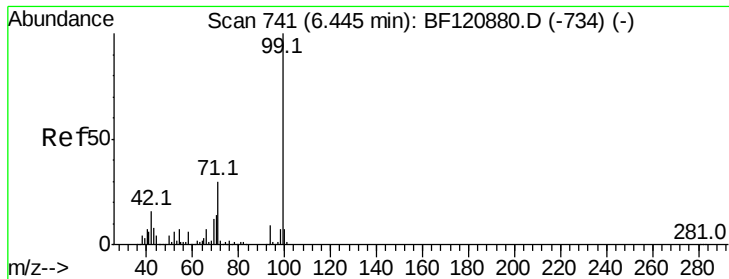
Abundance

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: 96.714 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121227.D

Acq: 7 Aug 2020 12:04

Tot Ion:	99	Resp:	1057971
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	31.8	25.0	37.4

Instrument :

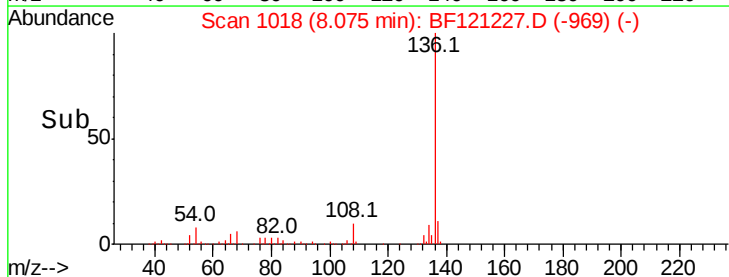
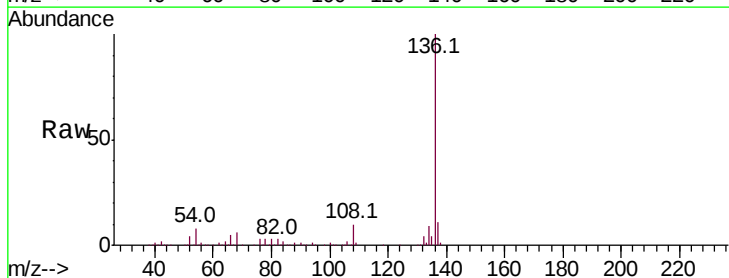
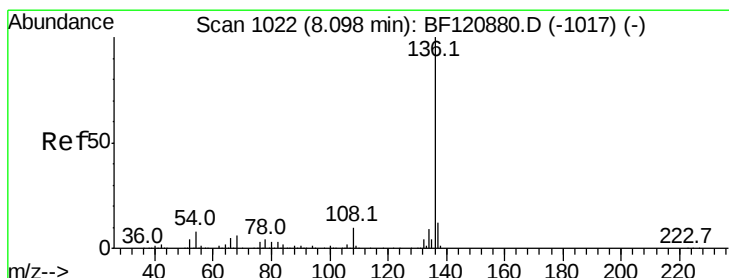
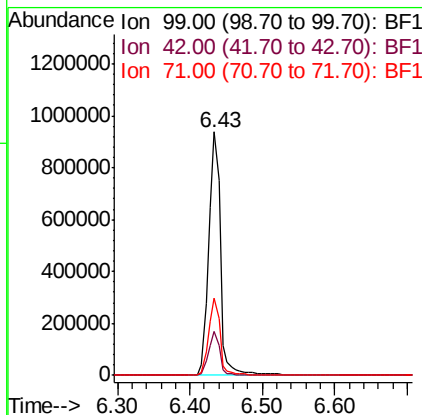
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

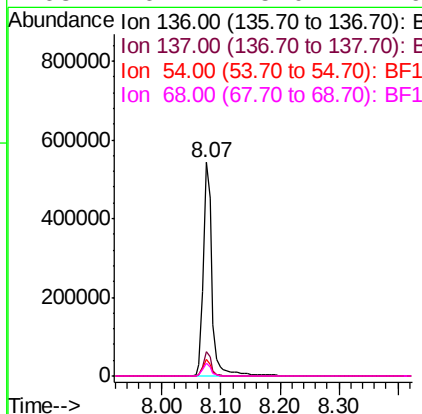
RT: 8.07 min Scan# 1018

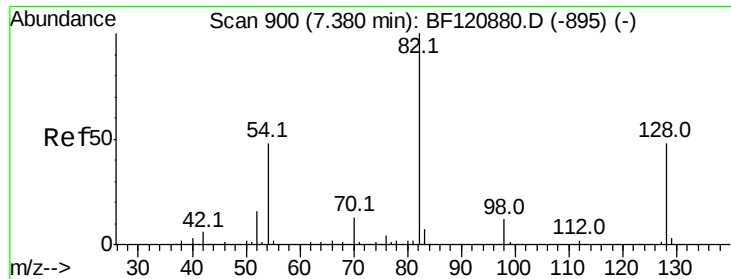
Delta R.T. -0.01 min

Lab File: BF121227.D

Acq: 7 Aug 2020 12:04

Tgt Ion:	136	Resp:	548462
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.7	6.1	9.1
68	6.1	5.0	7.6





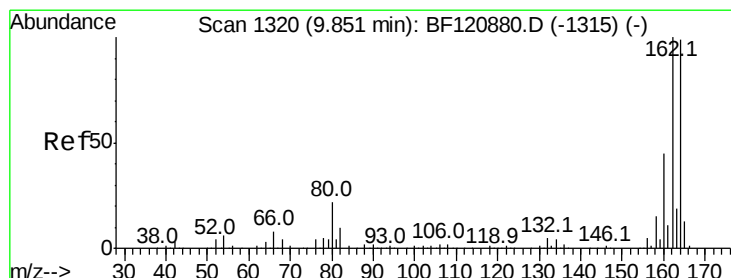
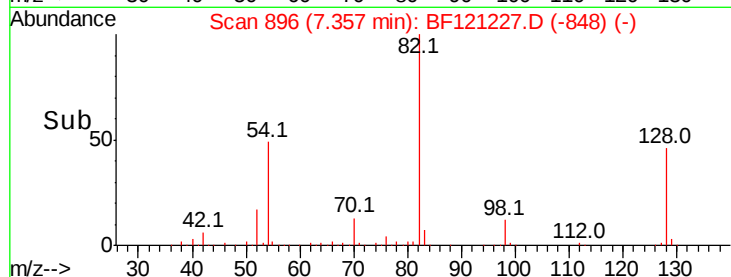
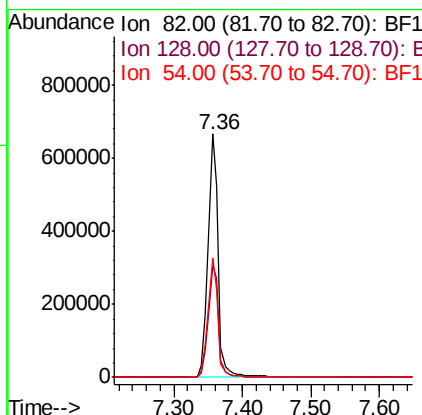
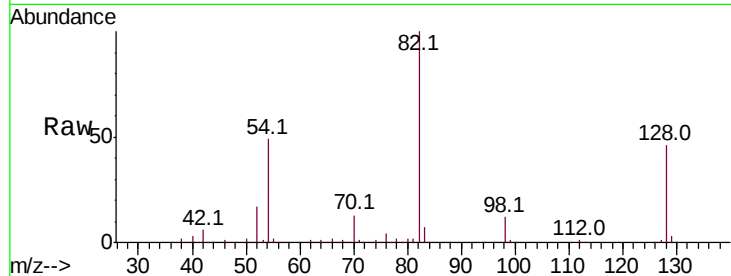
#23
 Nitrobenzene-d5
 Concen: 75.432 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121227.D
 Acq: 7 Aug 2020 12:04

Instrument :
 BNA_F
 ClientSampleId :
 CRT-004

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	39.2	58.8
54	49.0	37.8	56.8

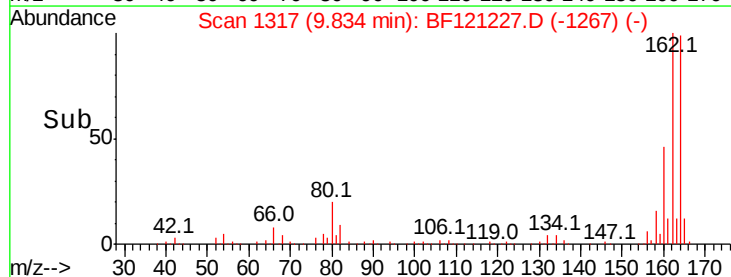
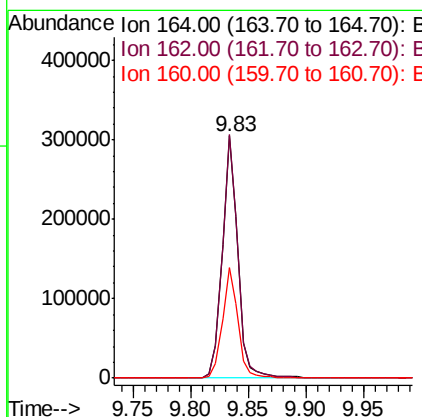
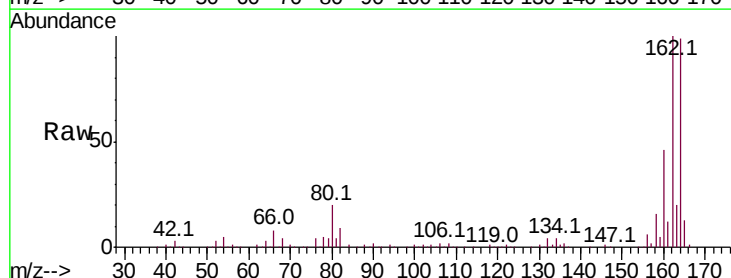
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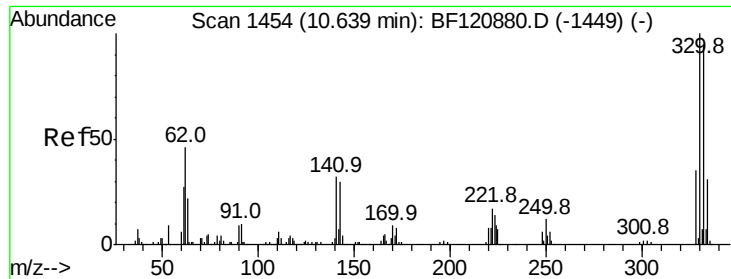
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121227.D
 Acq: 7 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.2	123.2
160	45.9	37.2	55.8





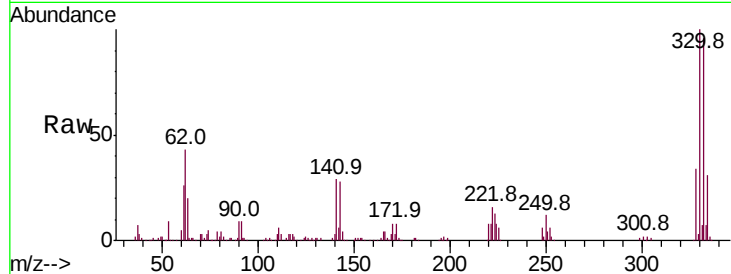
#42
 2,4,6-Tribromophenol
 Concen: 101.100 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121227.D
 Acq: 7 Aug 2020 12:04

Instrument :
 BNA_F
 ClientSampleId :
 CRT-004

Tot Ion	Ratio	Resp	Lower	Upper
330	100	317416		
332	96.5	76.1	114.1	
141	29.4	24.1	36.1	

Manual Integrations
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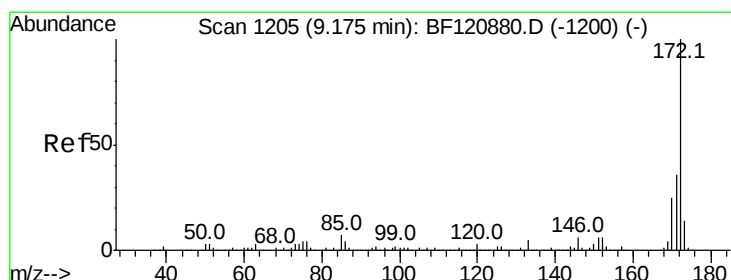
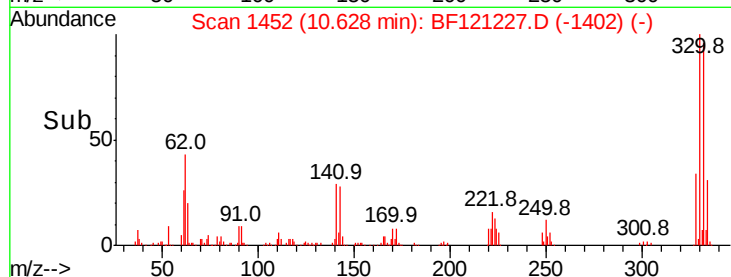
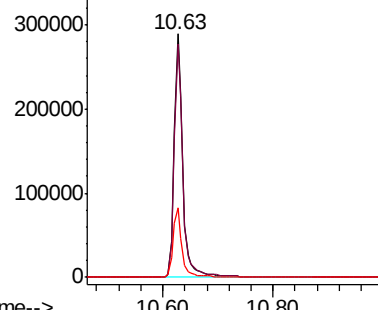


Abundance

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: 67.327 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121227.D
 Acq: 7 Aug 2020 12:04

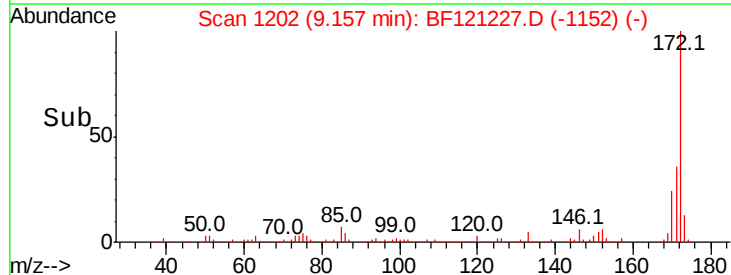
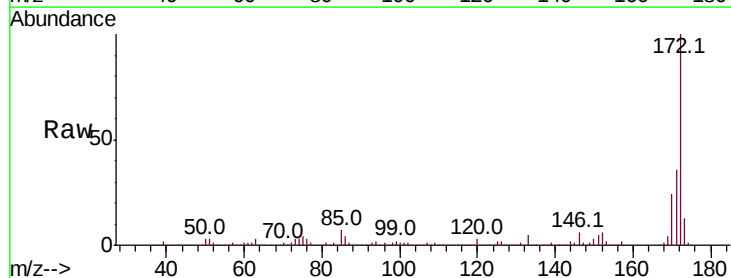
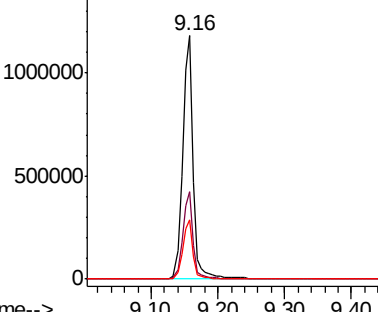
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1293419		
171	35.9	29.0	43.4	
170	24.1	19.6	29.4	

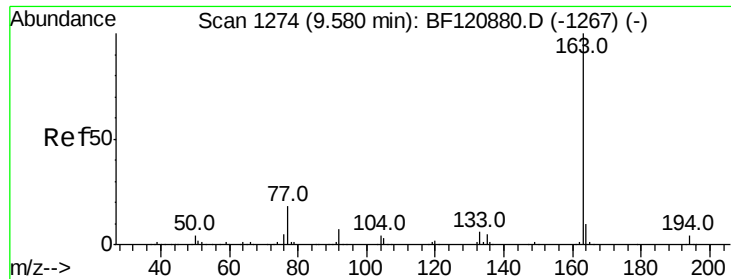
Abundance

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





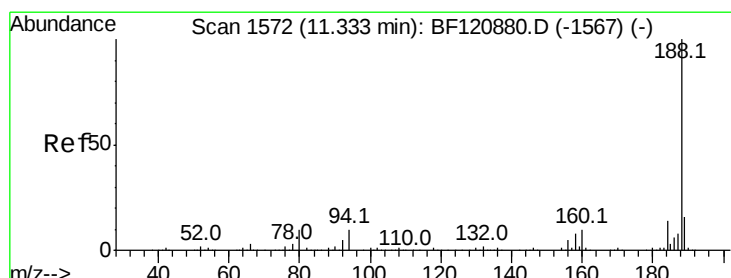
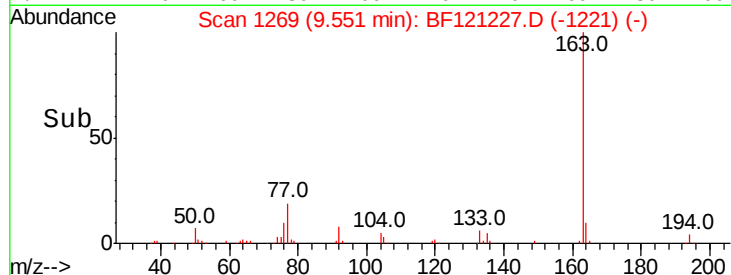
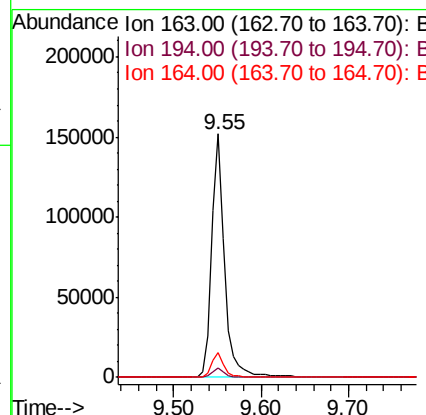
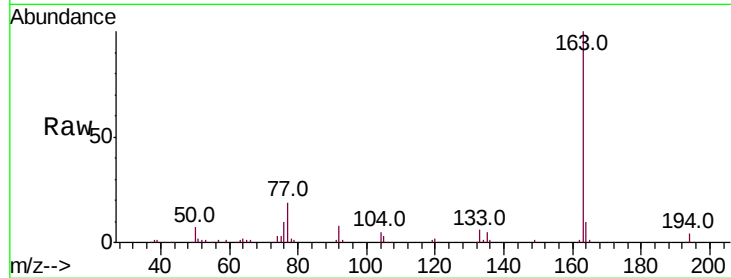
#50
Dimethylphthalate
Concen: 7.589 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	157037		
194	3.9		3.0	4.4
164	10.1		8.4	12.6

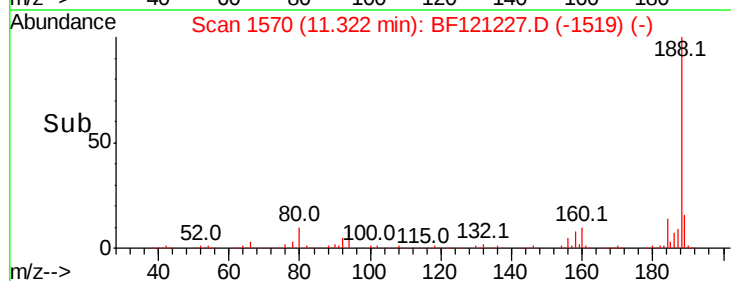
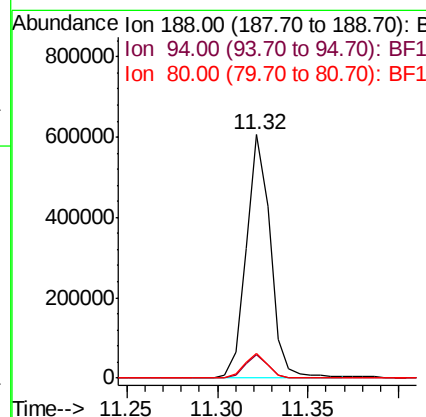
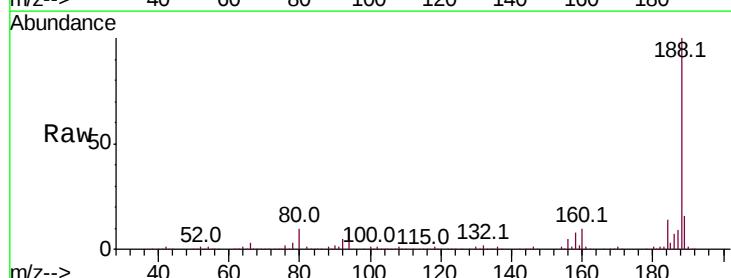
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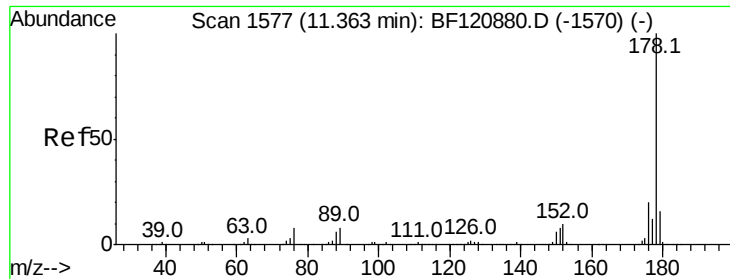
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	558636		
94	9.8		8.0	12.0
80	10.0		8.3	12.5





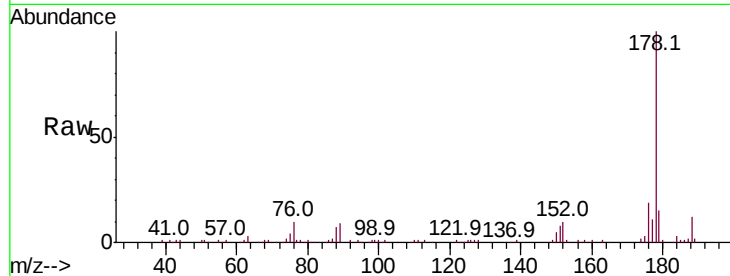
#71
Phenanthrene
Concen: 2.988 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	14.6	12.6	19.0

Manual Integrations
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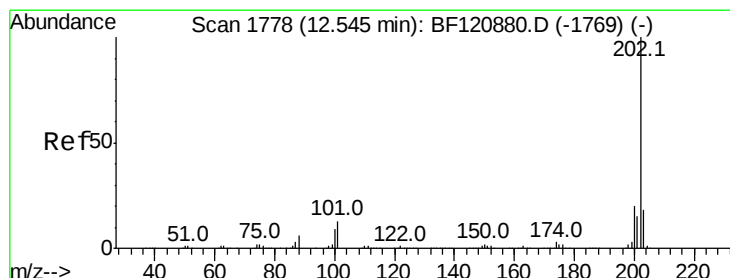
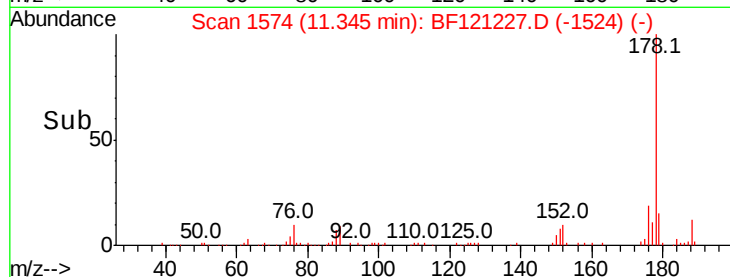
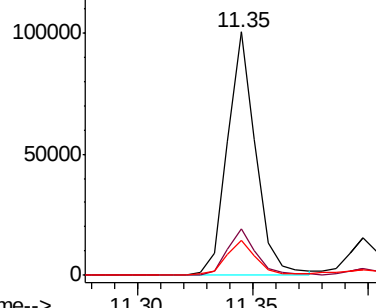


Abundance

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: 6.655 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

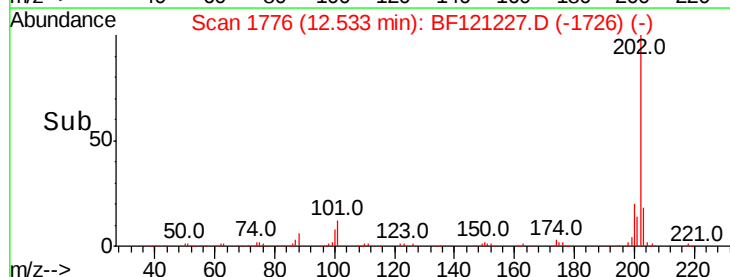
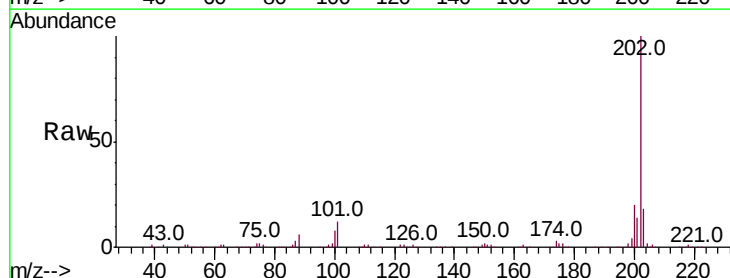
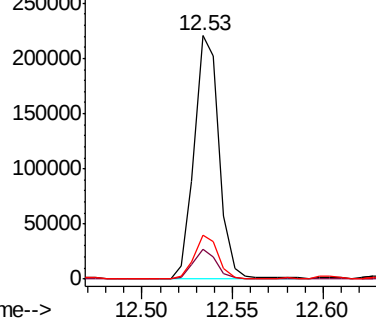
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.5
203	18.2	0.0	37.7

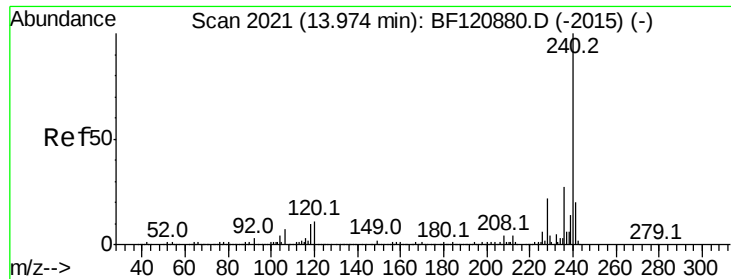
Abundance

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





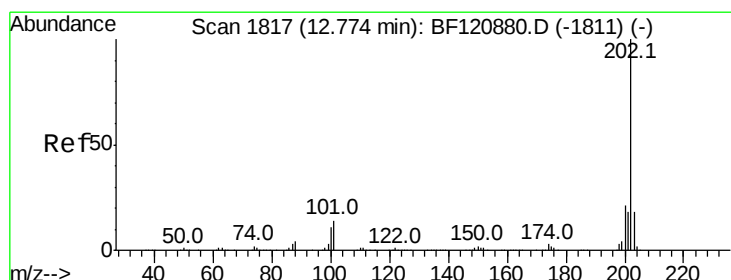
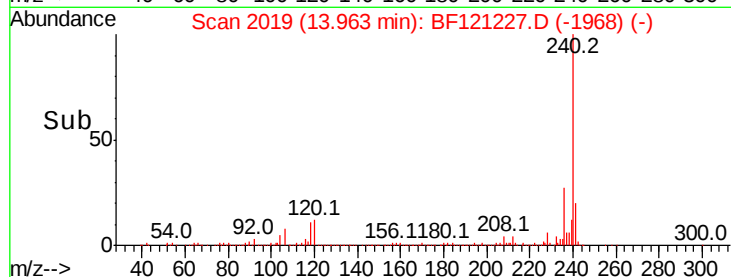
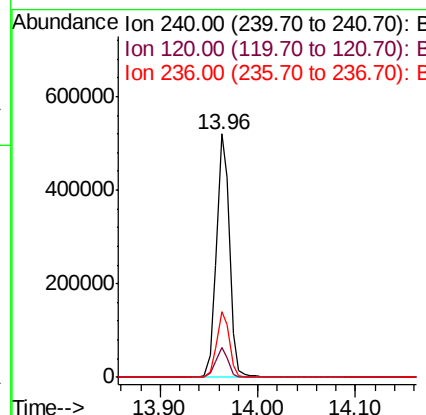
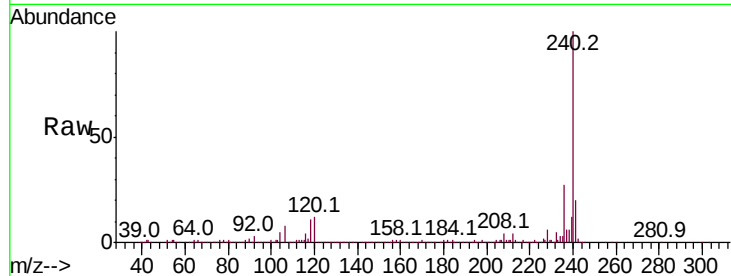
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF121227.D
 Acq: 7 Aug 2020 12:04

Instrument :
 BNA_F
 ClientSampleId :
 CRT-004

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.5	9.3	13.9	
236	26.7	21.1	31.7	

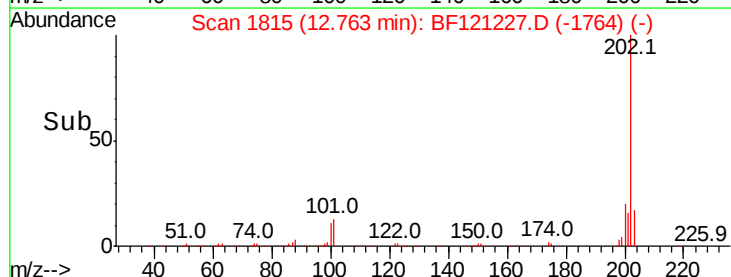
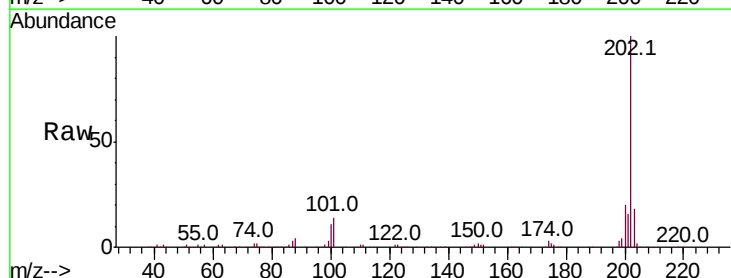
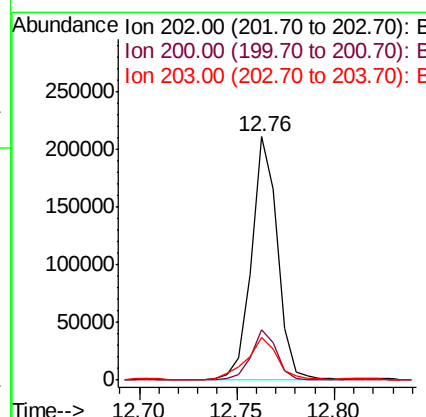
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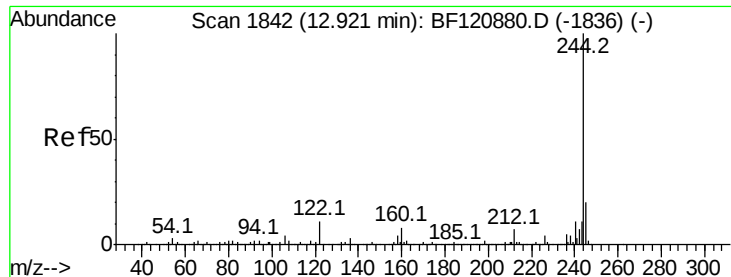
mohammad
 8/10/2020 3:44:15 PM



#78
 Pyrene
 Concen: 5.654 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BF121227.D
 Acq: 7 Aug 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.5	17.0	25.6	
203	17.7	14.6	21.8	





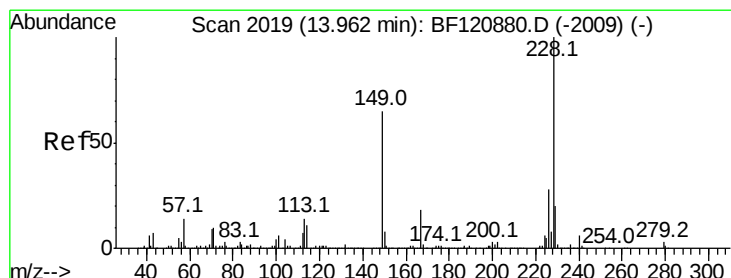
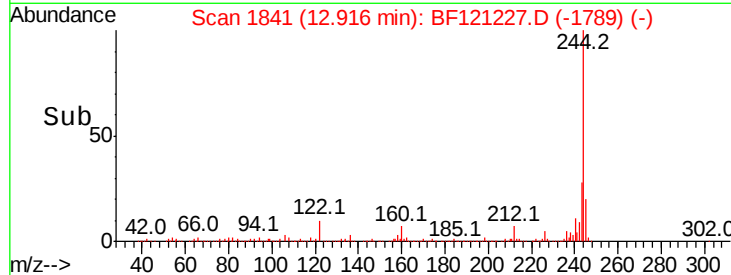
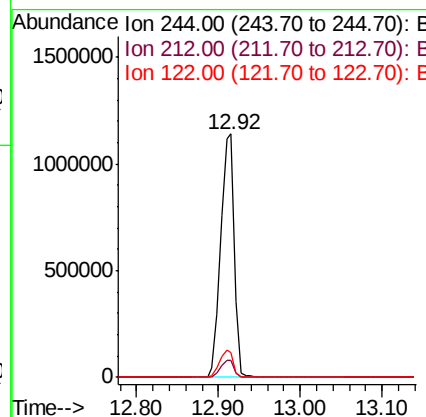
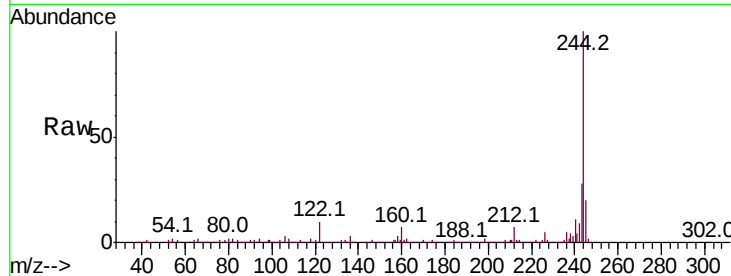
#79
 Terphenyl-d14
 Concen: 59.849 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF121227.D
 Acq: 7 Aug 2020 12:04

Instrument :
 BNA_F
 ClientSampleId :
 CRT-004

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.2	8.3	12.5

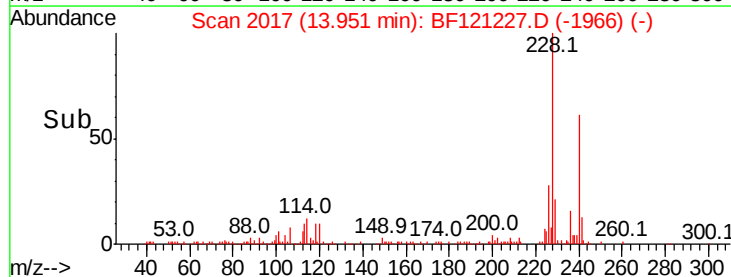
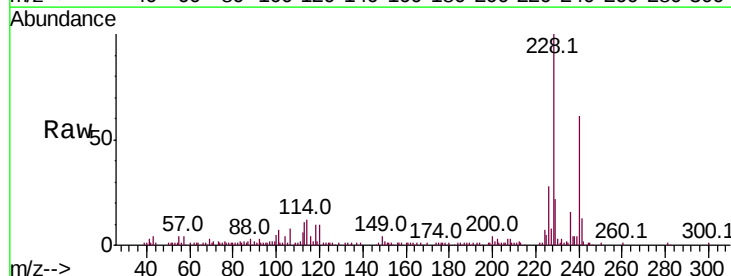
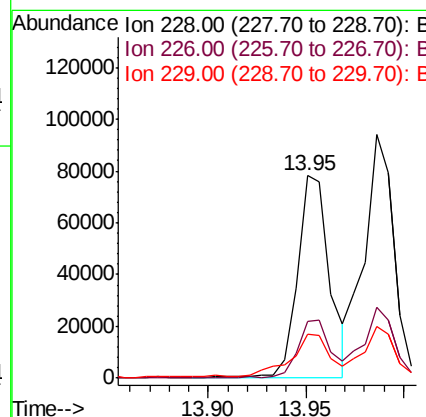
Manual Integrations
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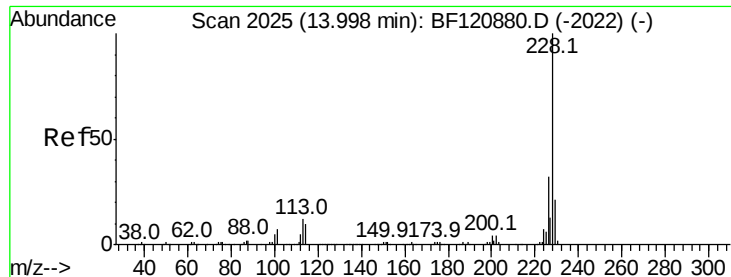
mohammad
 8/10/2020 3:44:15 PM



#81
 Benzo(a)anthracene
 Concen: 3.064 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF121227.D
 Acq: 7 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	21.8	16.1	24.1





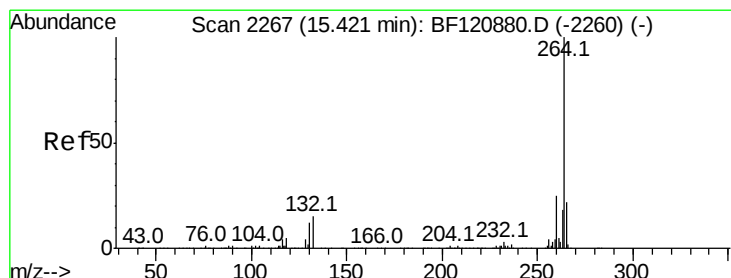
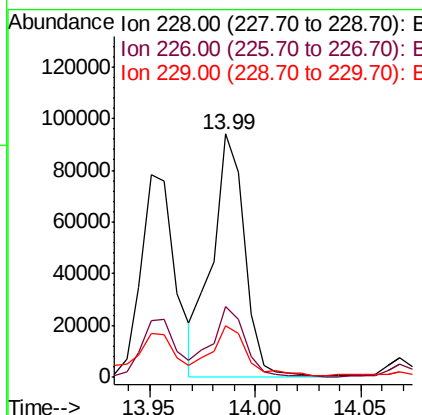
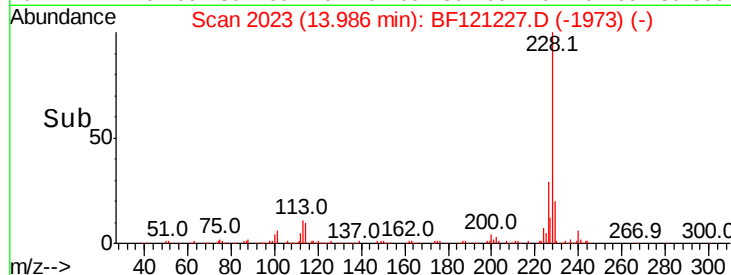
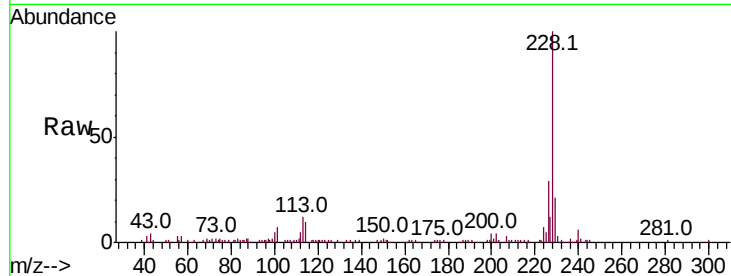
#83
Chrysene
Concen: 3.276 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.4	38.0
229	21.1	16.2	24.4

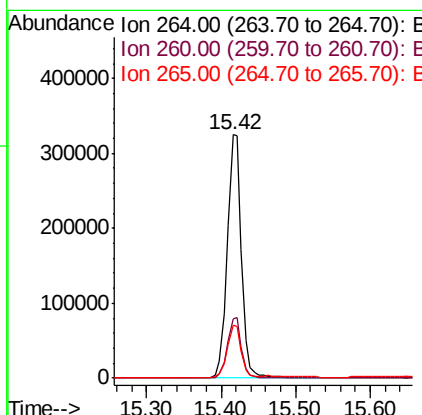
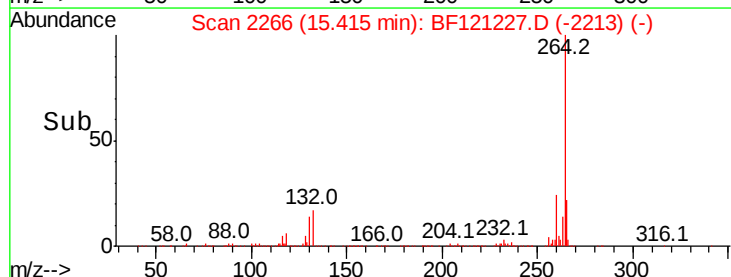
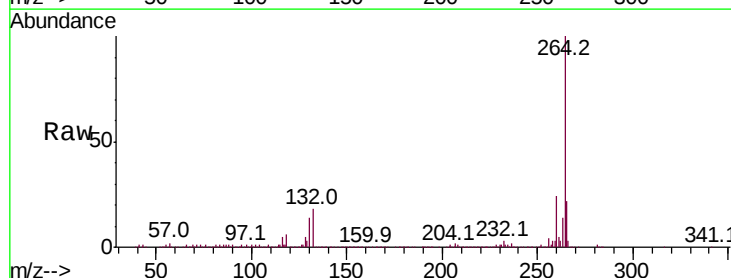
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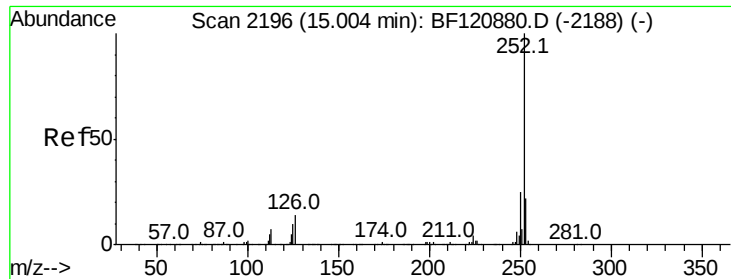
mohammad
8/10/2020 3:44:15 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.5	17.8	26.8





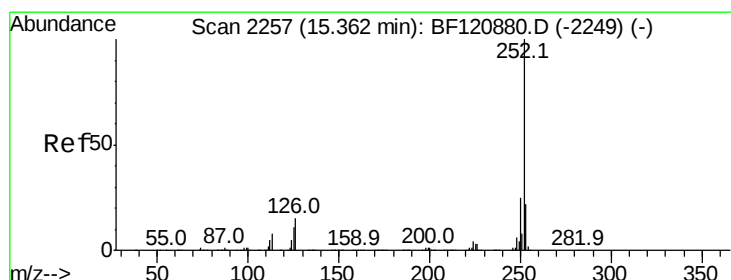
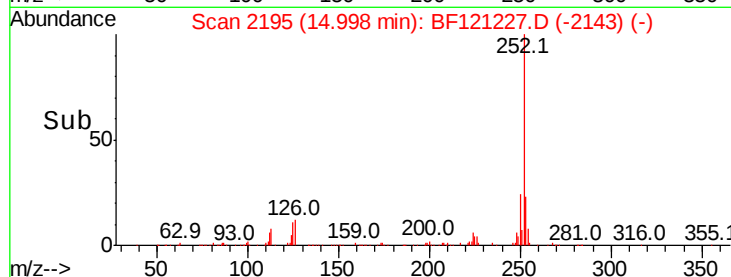
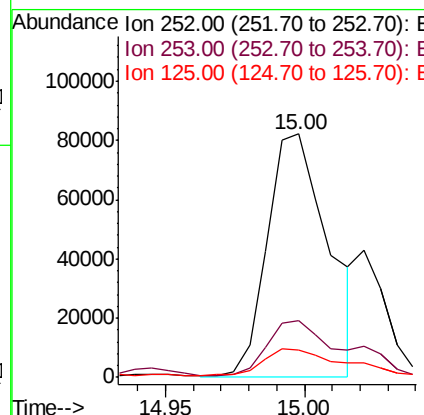
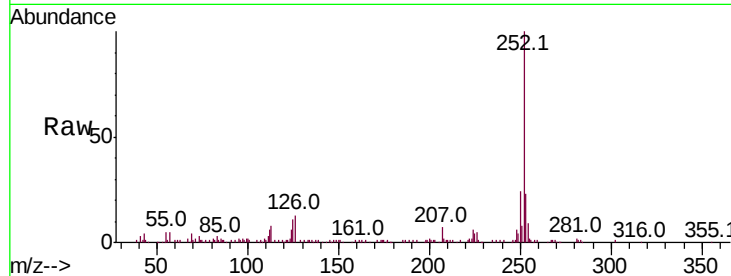
#88
Benzo(b)fluoranthene
Concen: 4.773 ng m
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampled :
CRT-004

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	11.3	8.1	12.1

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.795 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	13.0	9.5	14.3

