

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
 Data File : BF121145.D
 Acq On : 30 Jul 2020 23:55
 Operator : JU/CG
 Sample : L3451-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-015-B

Manual Integrations
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Quant Time: Jul 31 04:02:00 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	6.80	152	135749	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	528410	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	264381	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	435963	20.00	ng	0.00
76) Chrysene-d12	13.97	240	349768	20.00	ng	0.01
86) Perylene-d12	15.43	264	299637	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	162032	19.57	ng	0.00
7) Phenol-d6	6.43	99	212806	19.89	ng	-0.01
23) Nitrobenzene-d5	7.36	82	115898	12.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	44699	15.45	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	259504	14.66	ng	0.00
79) Terphenyl-d14	12.92	244	216026	13.43	ng	0.00
Target Compounds						
75) Fluoranthene	12.55	202	100218	4.032	ng	99
78) Pyrene	12.77	202	99126	4.009	ng	99
81) Benzo(a)anthracene	13.96	228	74411	3.513	ng	96
83) Chrysene	14.00	228	66894	3.005	ng	97
88) Benzo(b)fluoranthene	15.00	252	91084m	5.029	ng	
89) Benzo(k)fluoranthene	15.03	252	33960m	2.056	ng	
90) Benzo(a)pyrene	15.36	252	64354	3.894	ng	# 92

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

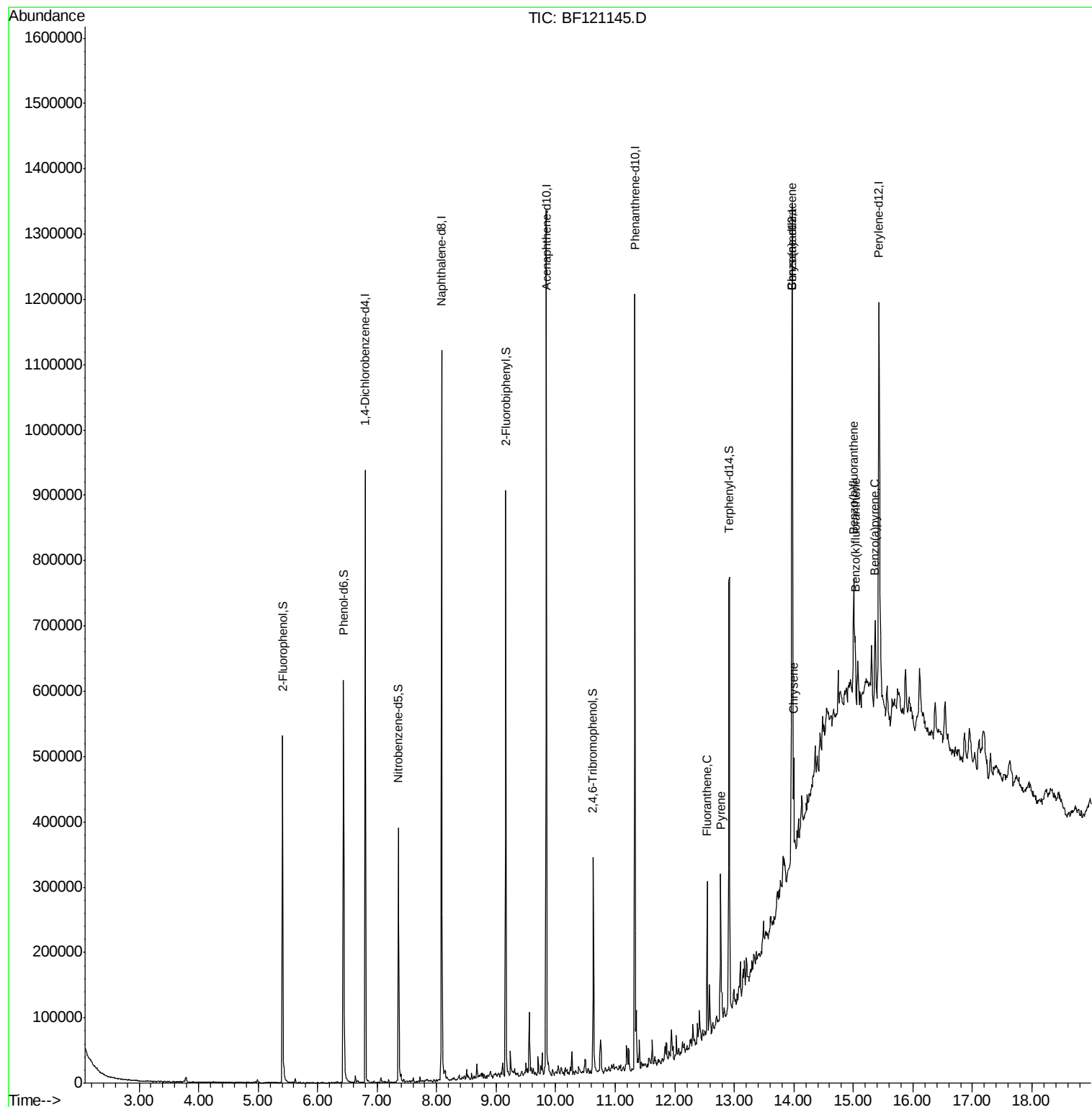
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121145.D
Acq On : 30 Jul 2020 23:55
Operator : JU/CG
Sample : L3451-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

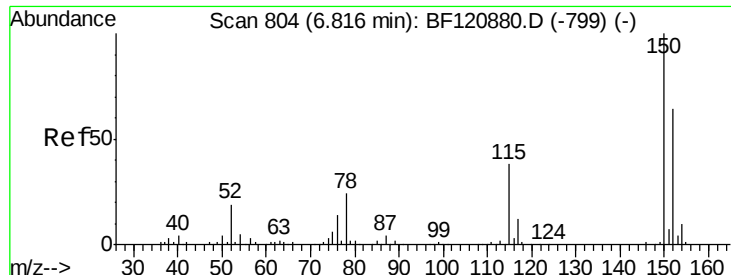
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

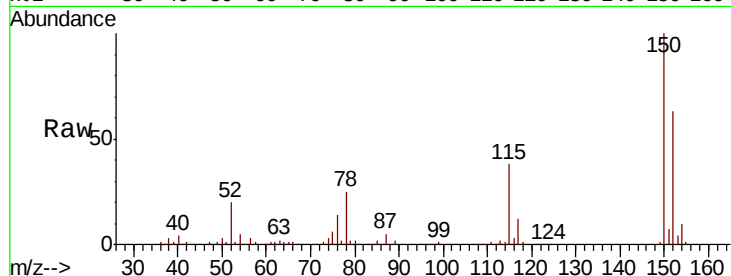
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121145.D
Acq: 30 Jul 2020 23:55

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.6	188.4
115	60.3	46.2	69.2

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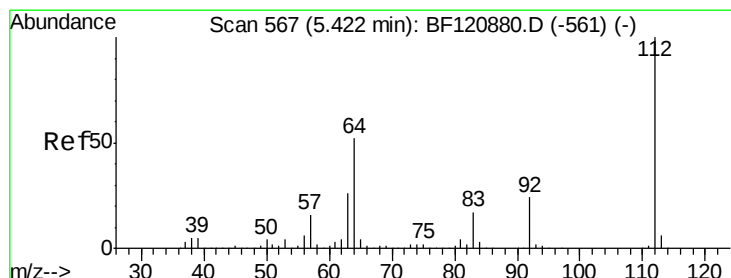
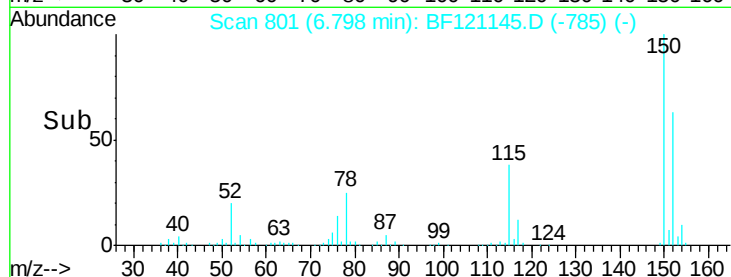
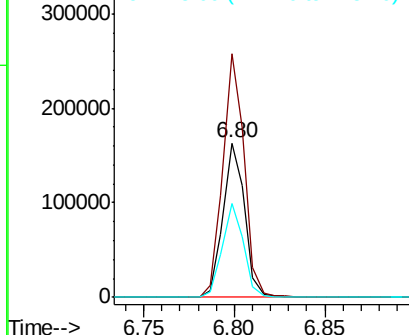


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

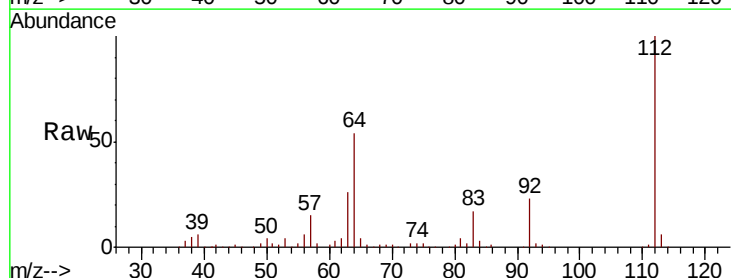
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.568 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121145.D
Acq: 30 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	43.9	65.9
63	26.3	22.7	34.1

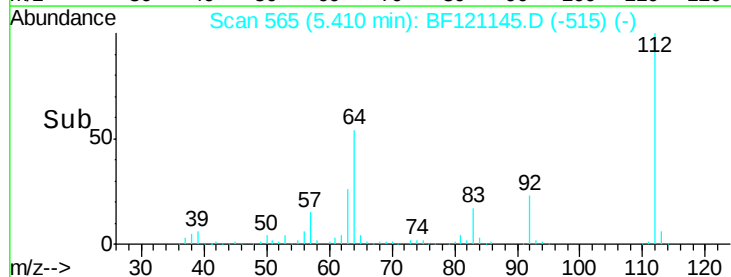
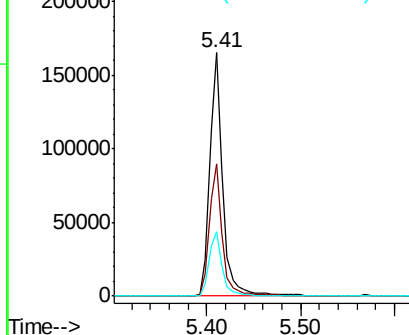


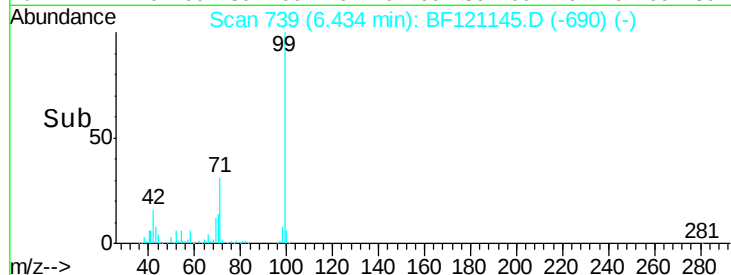
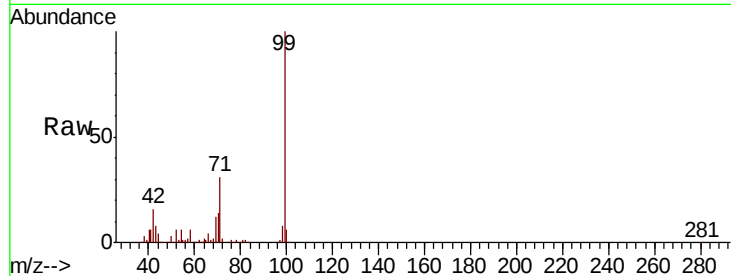
Abundance

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: 19.895 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121145.D

Acq: 30 Jul 2020 23:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		212806		
42	16.5	13.5	20.3		
71	31.4	25.0	37.4		

Instrument :

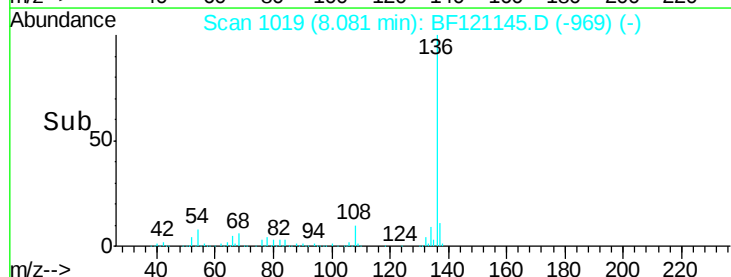
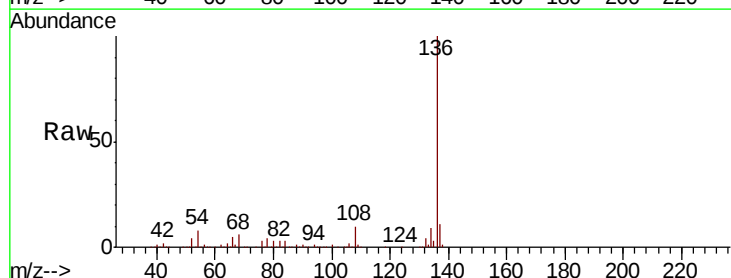
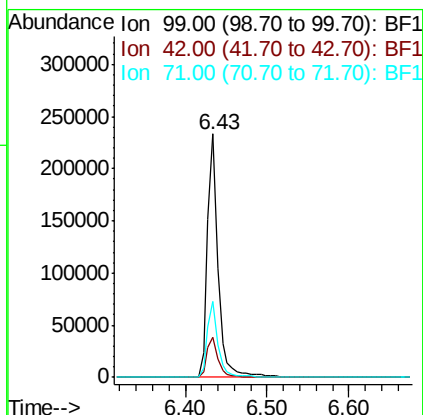
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

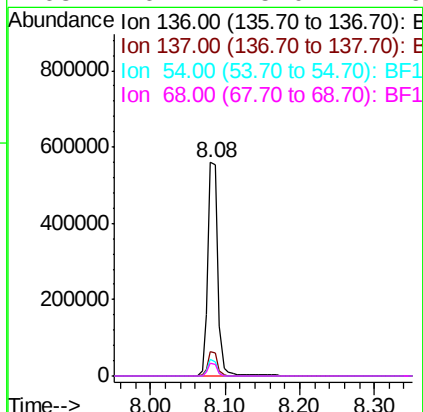
RT: 8.08 min Scan# 1019

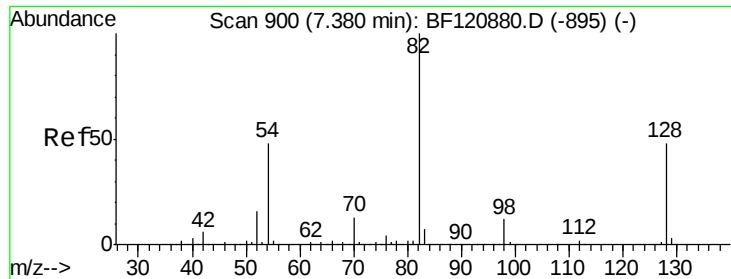
Delta R.T. -0.01 min

Lab File: BF121145.D

Acq: 30 Jul 2020 23:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		528410		
137	11.2	9.0	13.4		
54	8.0	6.1	9.1		
68	6.2	5.0	7.6		





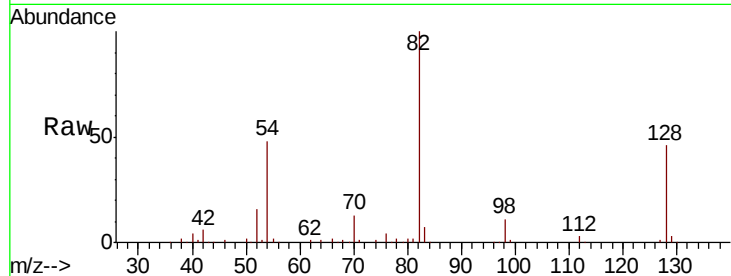
#23
 Nitrobenzene-d5
 Concen: 12.691 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121145.D
 Acq: 30 Jul 2020 23:55

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-015-B

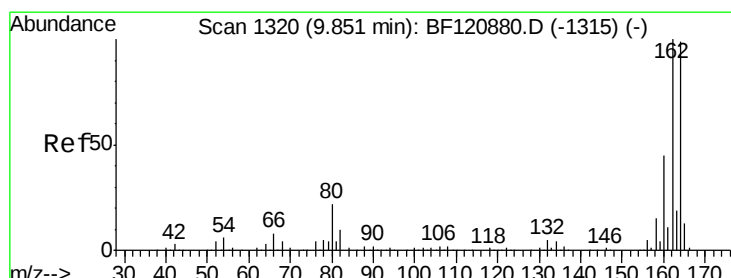
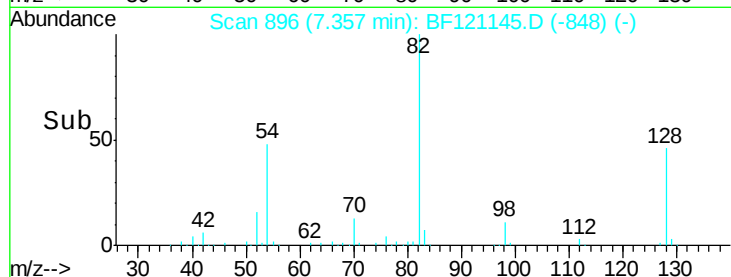
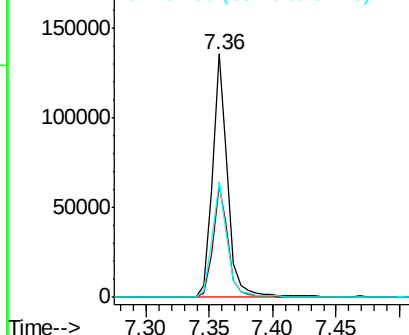
Tot Ion	82	Resp	115898
Ion Ratio	100	Lower	Upper
82	100		
128	45.7	39.2	58.8
54	47.6	37.8	56.8

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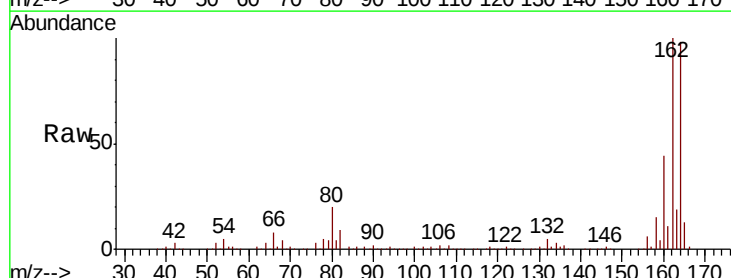


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

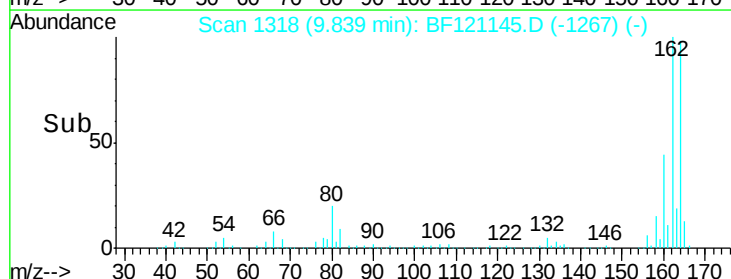
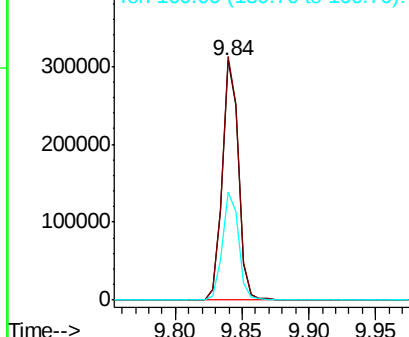


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF121145.D
 Acq: 30 Jul 2020 23:55

Tgt Ion	164	Resp	264381
Ion Ratio	100	Lower	Upper
164	100		
162	101.7	82.2	123.2
160	45.3	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 15.446 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF121145.D

Acq: 30 Jul 2020 23:55

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-015-B

Tot Ion:330 Resp: 44699

Ion Ratio Lower Upper

330 100

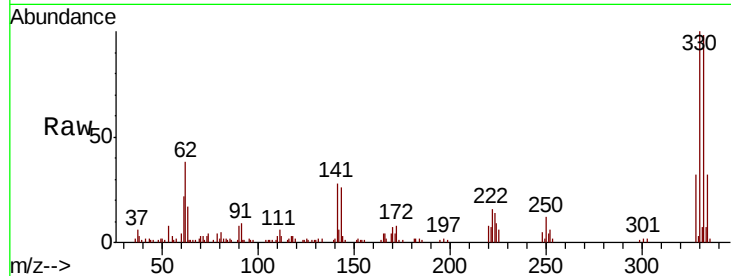
332 96.5 76.1 114.1

141 35.6 24.1 36.1

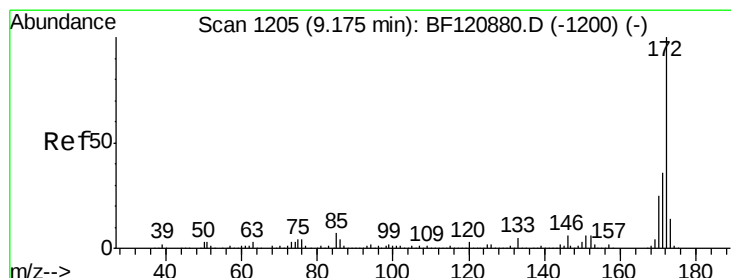
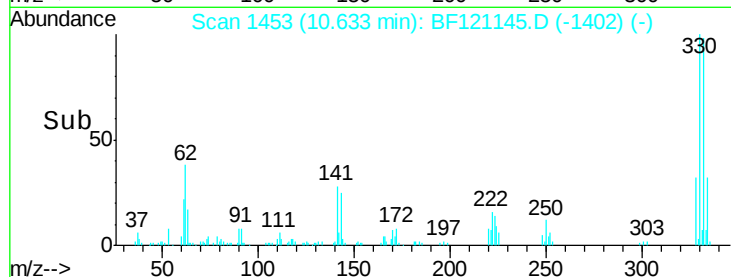
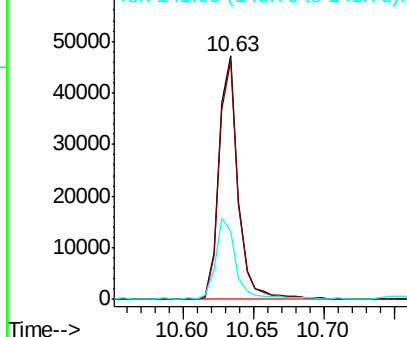
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 14.655 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121145.D

Acq: 30 Jul 2020 23:55

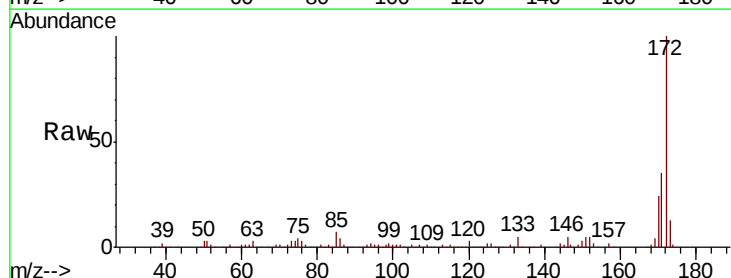
Tgt Ion:172 Resp: 259504

Ion Ratio Lower Upper

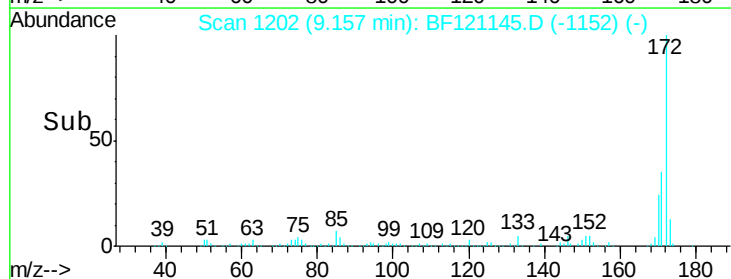
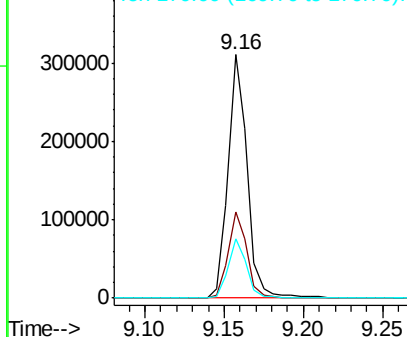
172 100

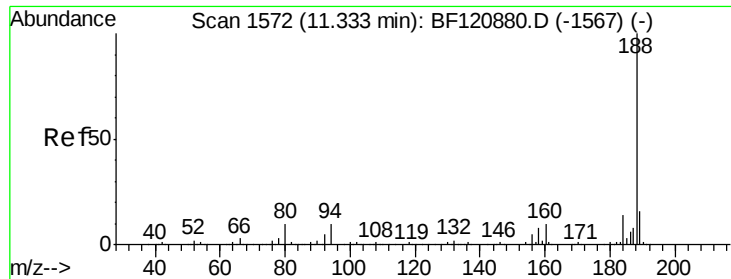
171 35.2 29.0 43.4

170 24.3 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





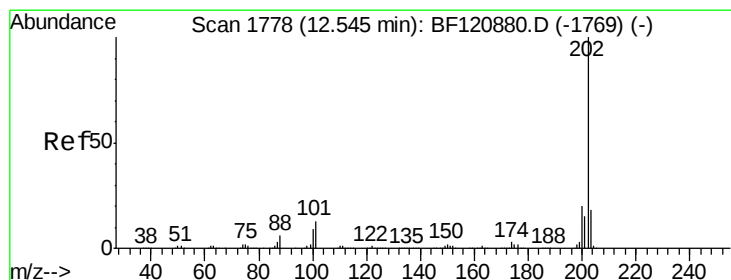
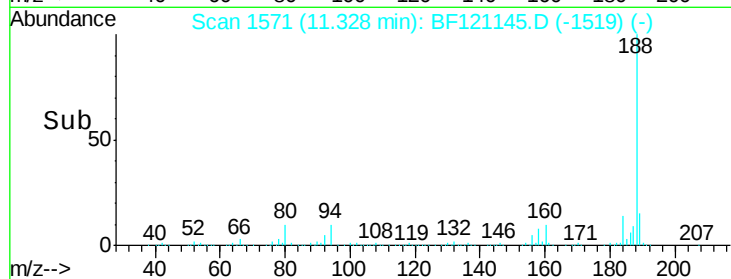
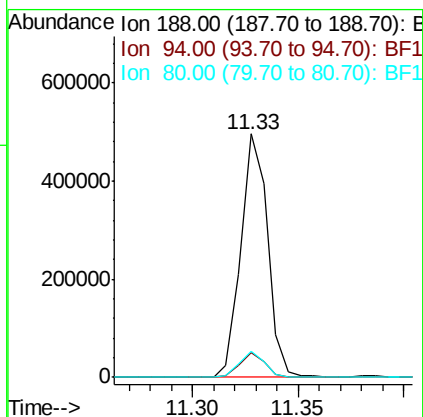
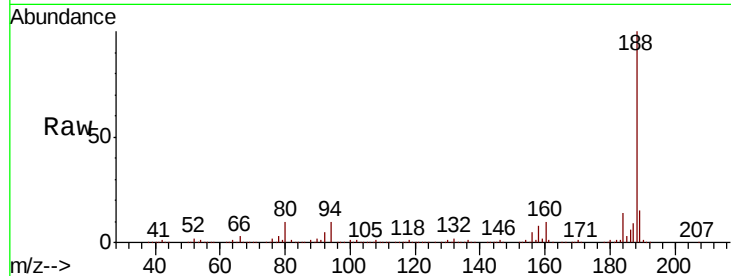
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121145.D
Acq: 30 Jul 2020 23:55

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	435963		
94	10.1		8.0	12.0
80	10.5		8.3	12.5

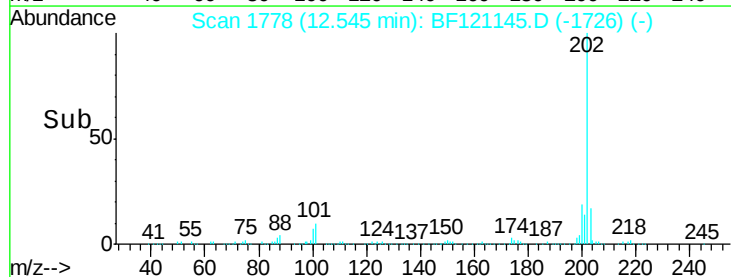
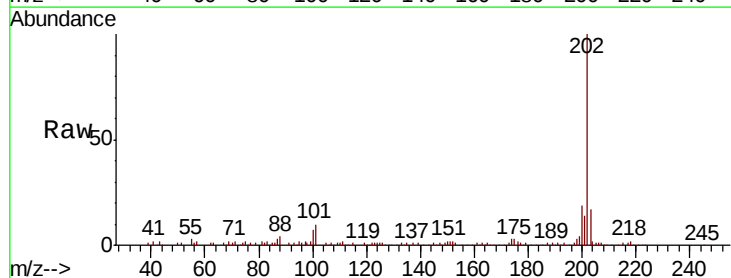
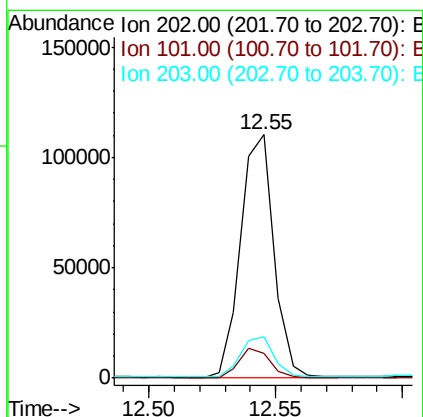
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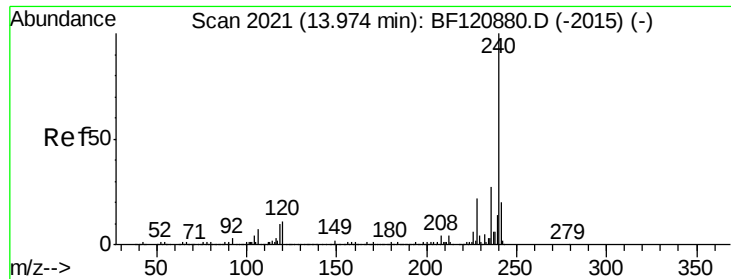
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#75
Fluoranthene
Concen: 4.032 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.01 min
Lab File: BF121145.D
Acq: 30 Jul 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	100218		
101	10.0		0.0	30.5
203	17.2		0.0	37.7





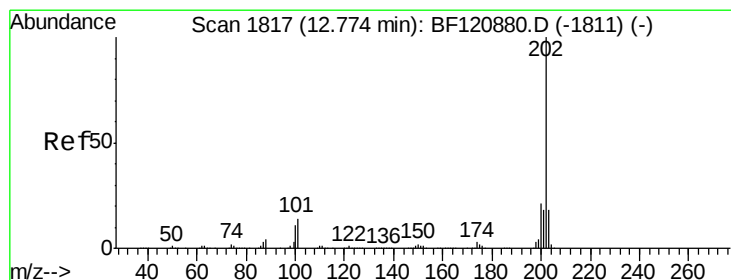
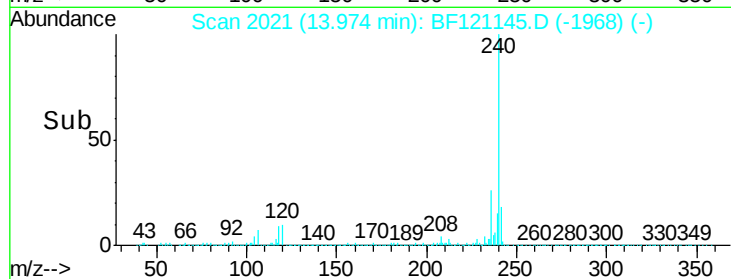
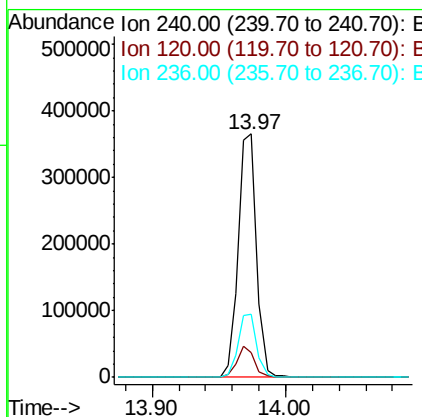
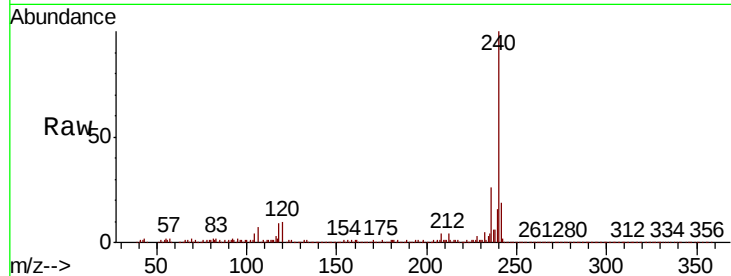
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF121145.D
Acq: 30 Jul 2020 23:55

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.3	13.9
236	25.9	21.1	31.7

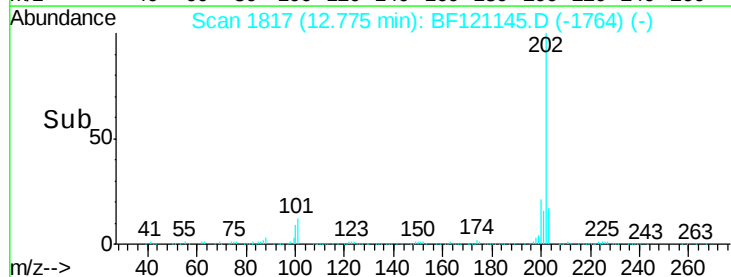
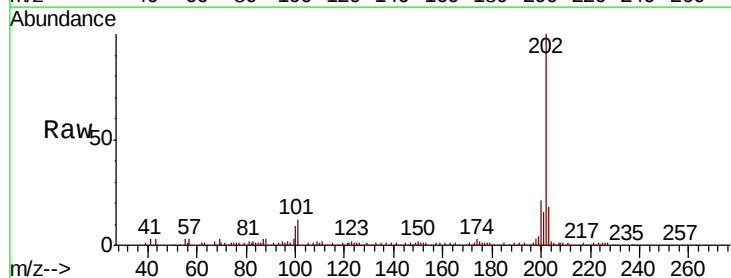
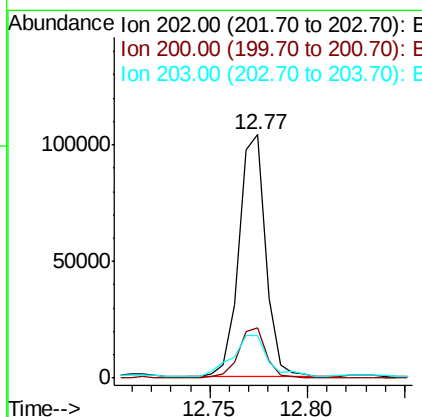
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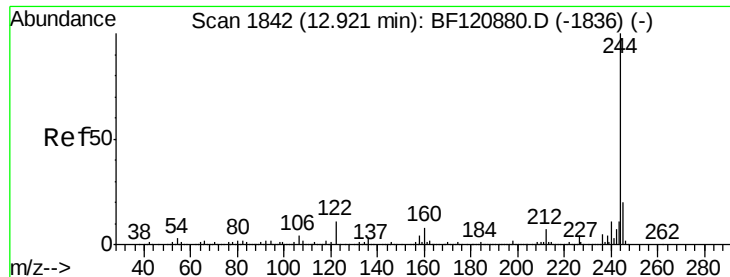
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#78
Pyrene
Concen: 4.009 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF121145.D
Acq: 30 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.6
203	17.6	14.6	21.8





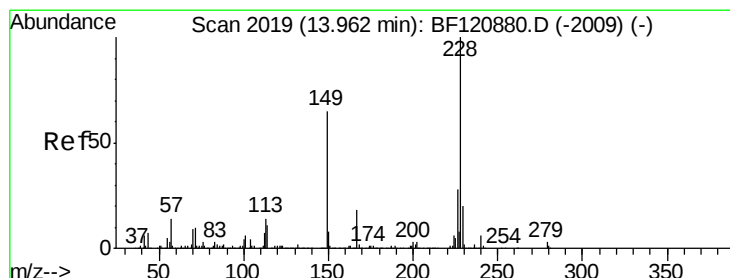
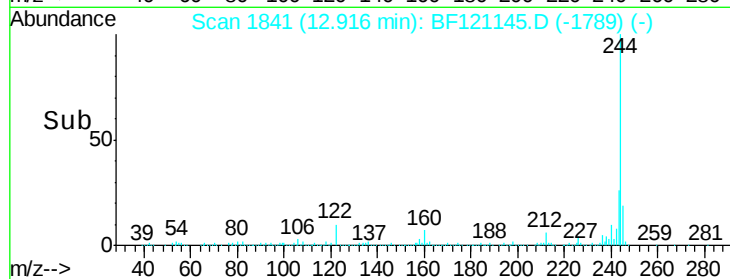
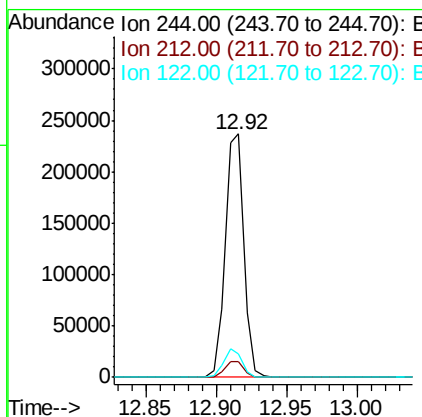
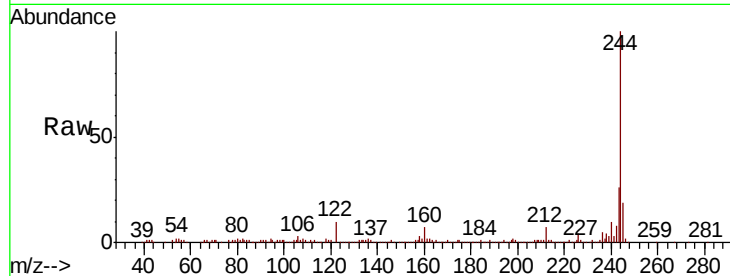
#79
 Terphenyl-d14
 Concen: 13.426 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF121145.D
 Acq: 30 Jul 2020 23:55

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-015-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	9.6	8.3	12.5

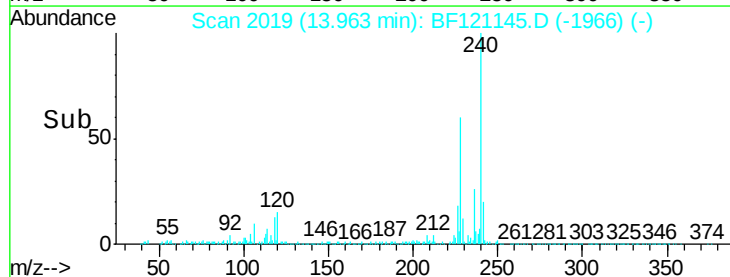
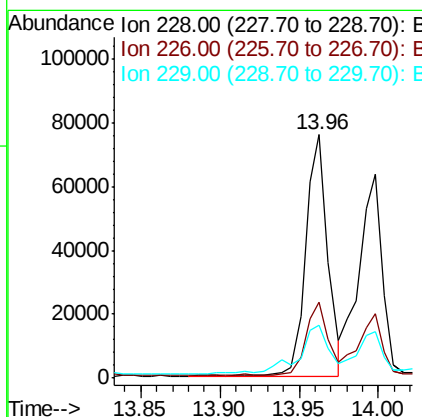
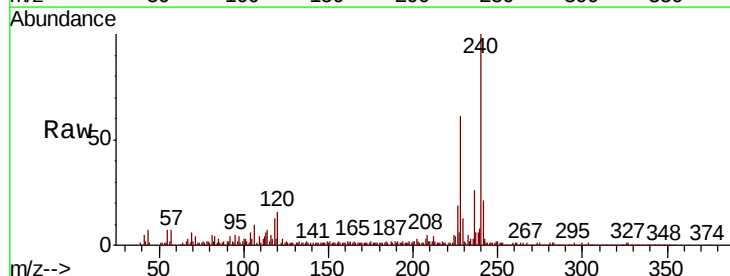
Manual Integrations
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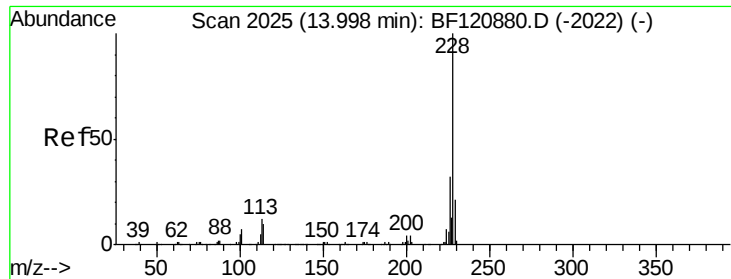
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#81
 Benzo(a)anthracene
 Concen: 3.513 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF121145.D
 Acq: 30 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	34.0
229	21.5	16.1	24.1





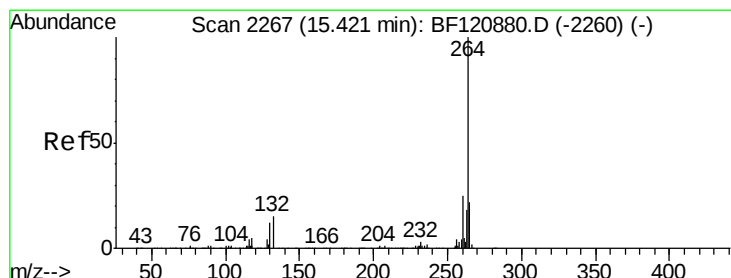
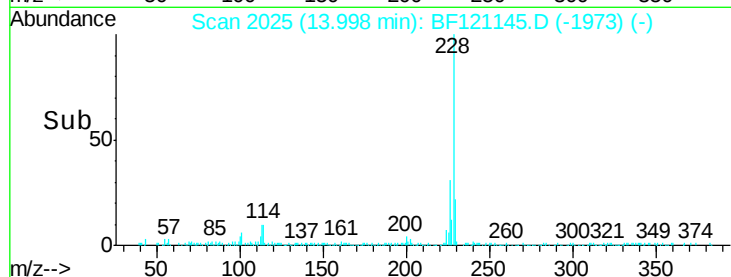
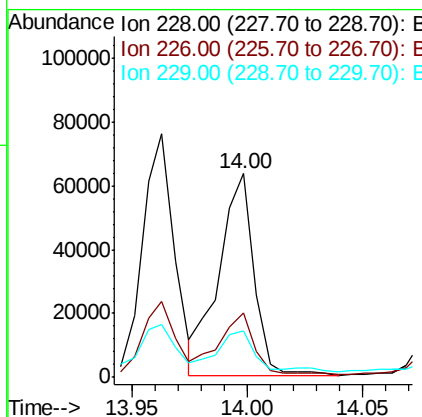
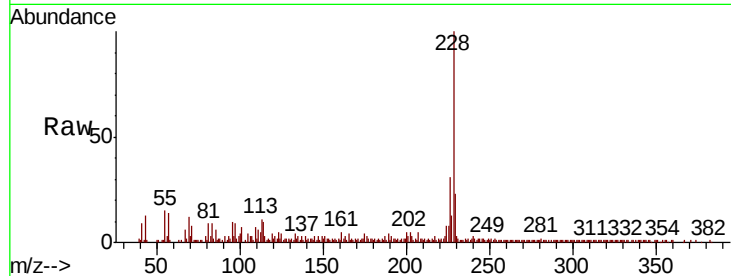
#83
Chrysene
Concen: 3.005 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF121145.D
Acq: 30 Jul 2020 23:55

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	22.9	16.2	24.4

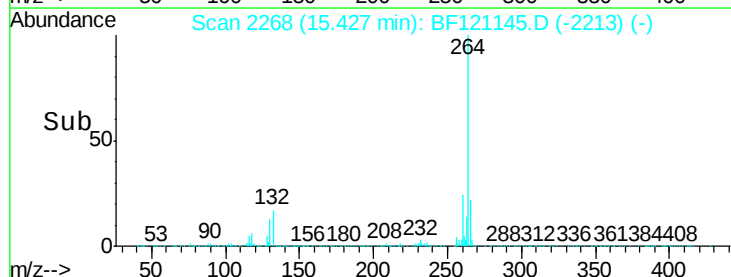
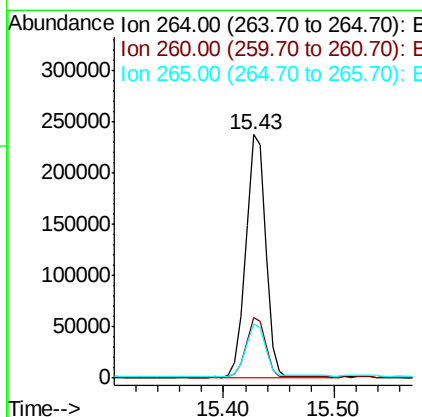
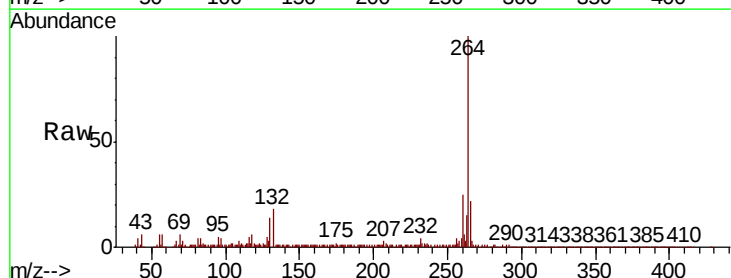
Manual Integrations
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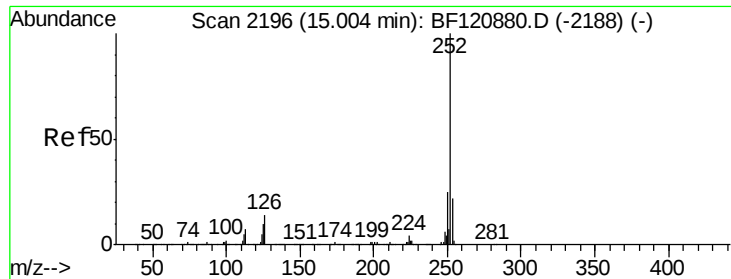
Sohil
7/31/2020 12:12:05 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF121145.D
Acq: 30 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	22.4	17.8	26.8





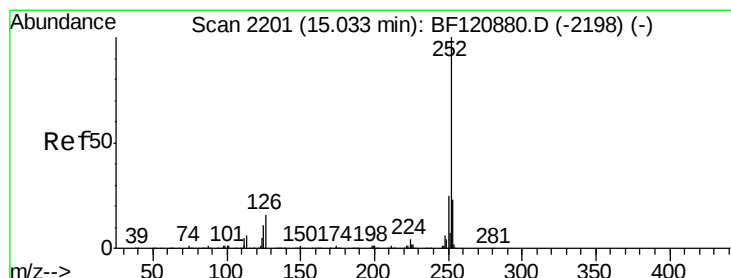
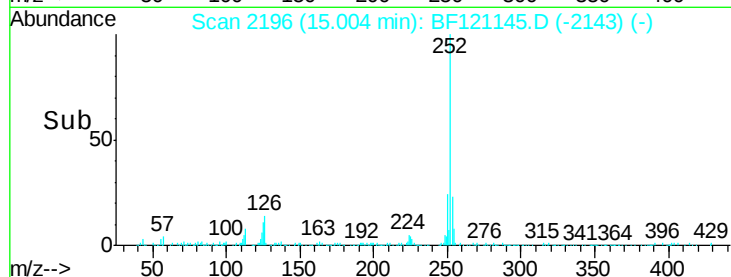
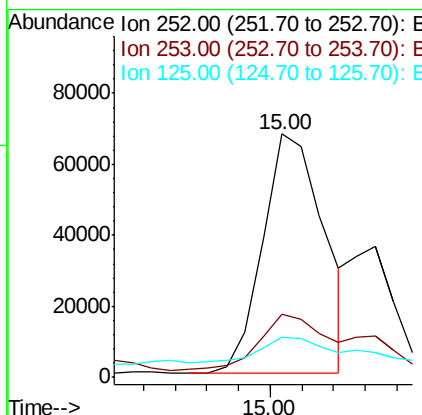
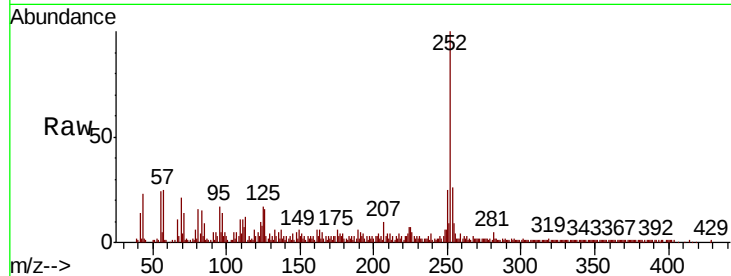
#88
Benzo(b)fluoranthene
Concen: 5.029 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF121145.D
Acq: 30 Jul 2020 23:55

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.9	26.9
125	16.7	8.1	12.1

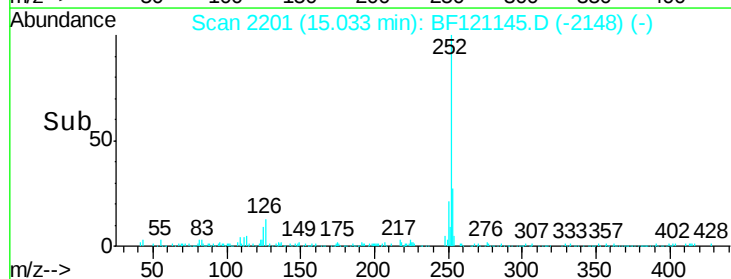
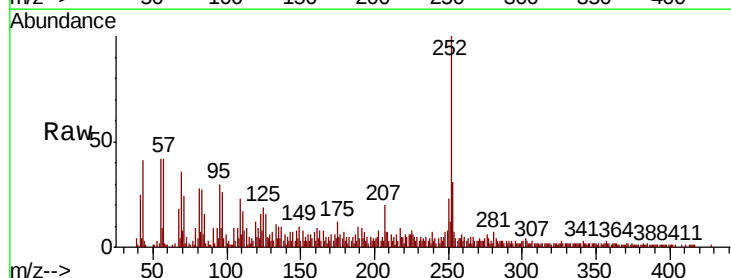
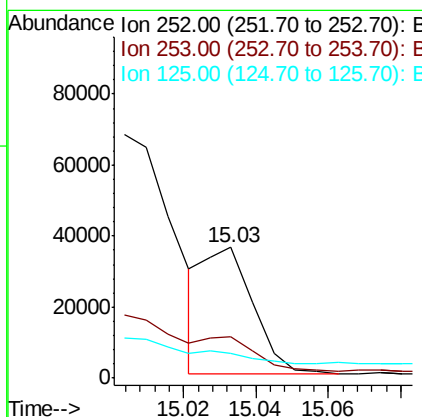
Manual Integrations
APPROVED

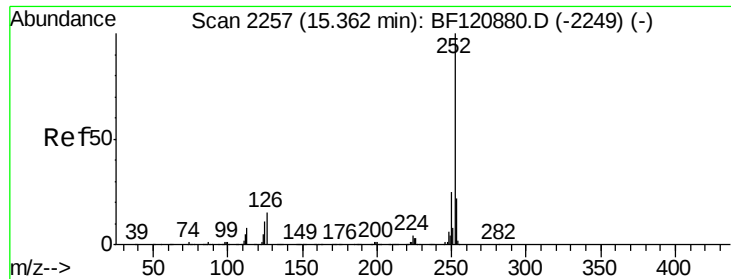
Sohil
7/31/2020 12:12:05 PM



#89
Benzo(k)fluoranthene
Concen: 2.056 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF121145.D
Acq: 30 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.4	18.1	27.1
125	19.3	8.0	12.0





#90
 Benzo(a)pyrene
 Concen: 3.894 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. 0.02 min
 Lab File: BF121145.D
 Acq: 30 Jul 2020 23:55

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-015-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	17.2	9.5	14.3

Manual Integrations
 APPROVED

Sohil
 7/31/2020 12:12:05 PM

