

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
 Data File : BF120687.D
 Acq On : 22 Jun 2020 20:35
 Operator : JU/CG
 Sample : L3082-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14

Manual Integrations
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Sohil
 6/23/2020 2:03:42 PM

Quant Time: Jun 23 02:17:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	122121	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	449409	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	241097	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	453101	20.00	ng	0.00
76) Chrysene-d12	13.96	240	435949	20.00	ng	0.00
86) Perylene-d12	15.40	264	463281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	774490	108.73	ng	-0.01
7) Phenol-d6	6.43	99	866623	97.68	ng	0.00
23) Nitrobenzene-d5	7.36	82	516649	64.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	335955	119.85	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1293194	82.07	ng	0.00
79) Terphenyl-d14	12.91	244	1614693	81.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	90868	5.233	ng	100
71) Phenanthrene	11.34	178	54815	2.434	ng	98
75) Fluoranthene	12.53	202	162634	6.315	ng	95
78) Pyrene	12.76	202	179221	5.803	ng	97
81) Benzo(a)anthracene	13.95	228	79208	3.024	ng	96
83) Chrysene	13.99	228	86785	3.230	ng	98
88) Benzo(b)fluoranthene	14.99	252	119655m	4.336	ng	
90) Benzo(a)pyrene	15.34	252	74681	3.024	ng	100
92) Benzo(g,h,i)perylene	17.25	276	50507	2.217	ng	98

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

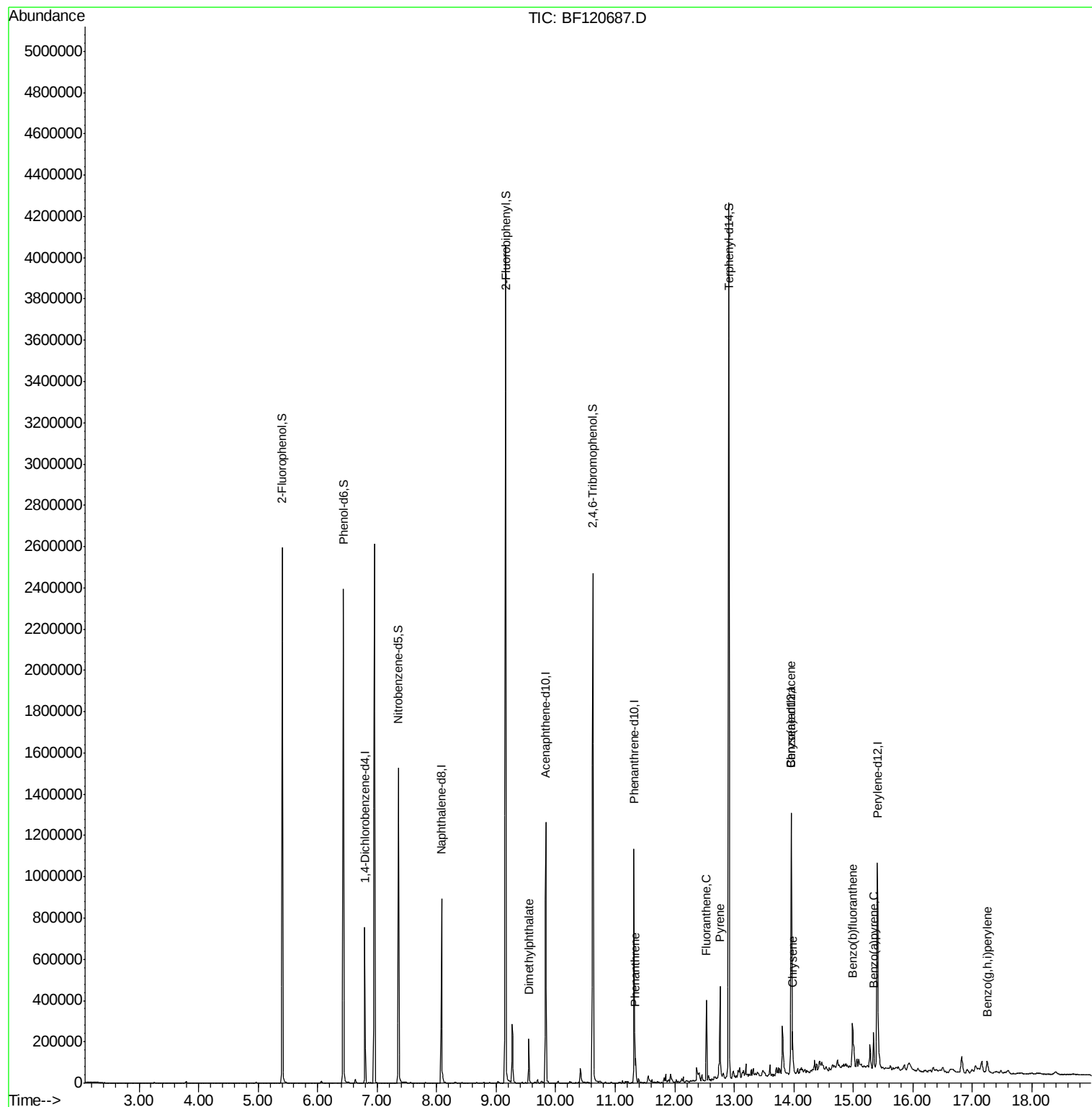
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120687.D
Acq On : 22 Jun 2020 20:35
Operator : JU/CG
Sample : L3082-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

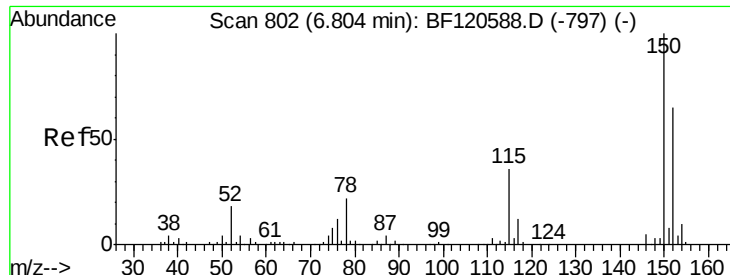
Instrument :
BNA_F
ClientSampleId :
SB-14

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

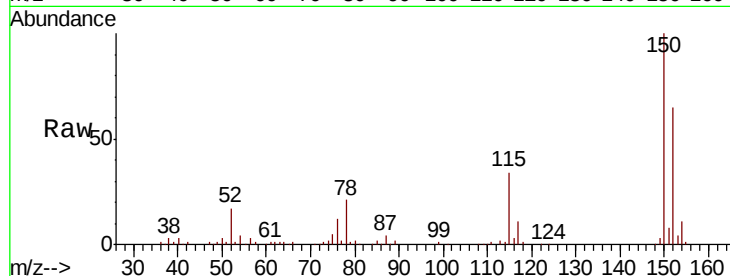
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120687.D
Acq: 22 Jun 2020 20:35

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.2	184.8
115	52.6	43.9	65.9

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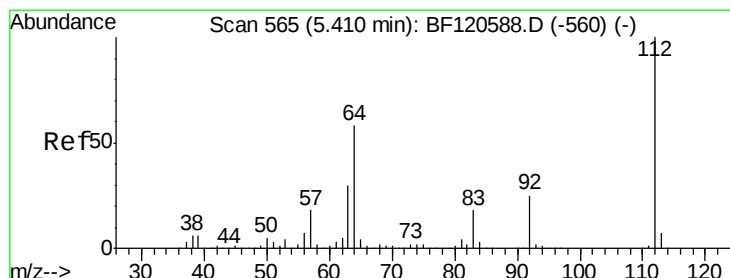
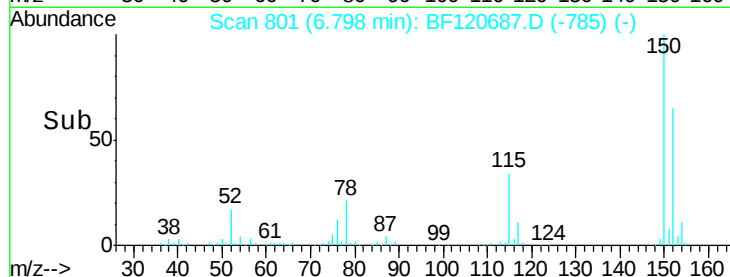
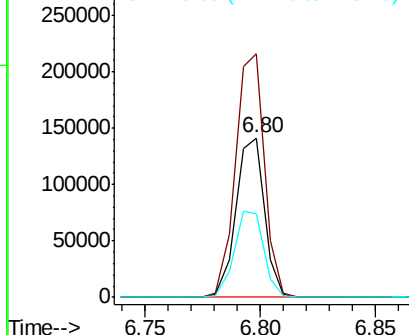


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

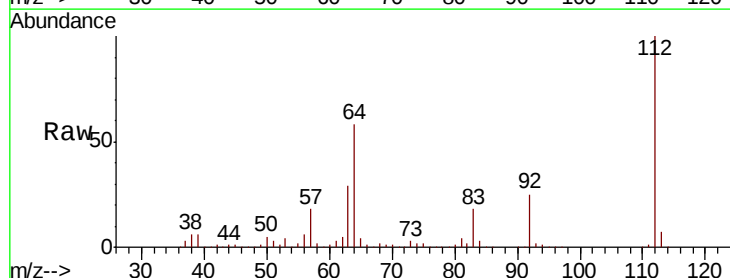
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.730 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120687.D
Acq: 22 Jun 2020 20:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.1	69.1
63	29.0	23.7	35.5

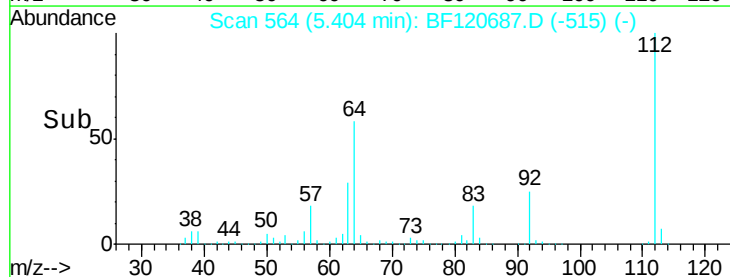
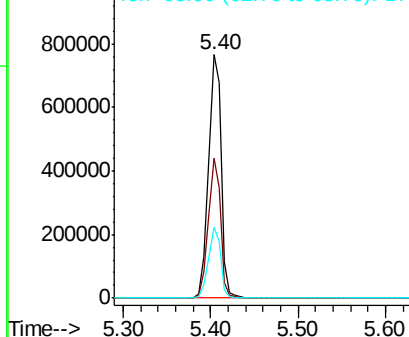


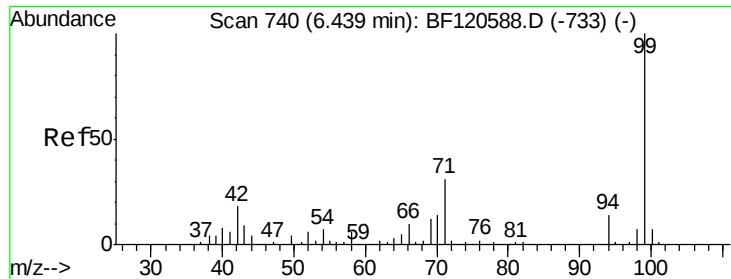
Abundance

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: 97.684 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120687.D

Acq: 22 Jun 2020 20:35

Instrument :

BNA_F

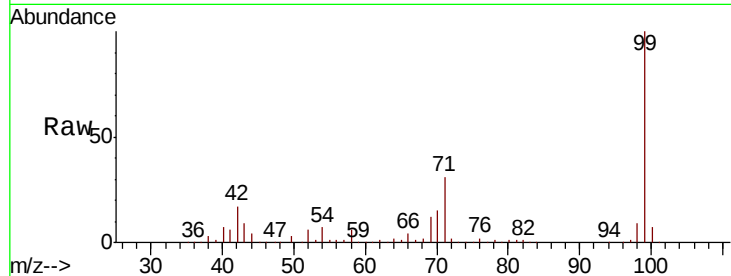
ClientSampled :

SB-14

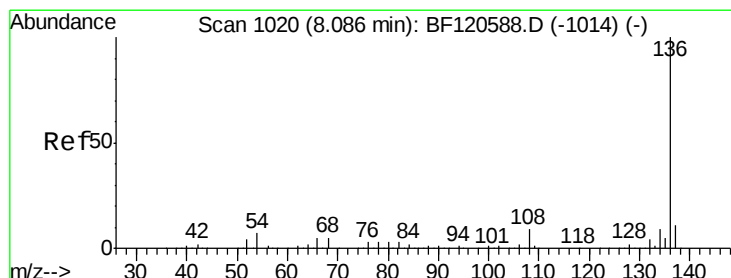
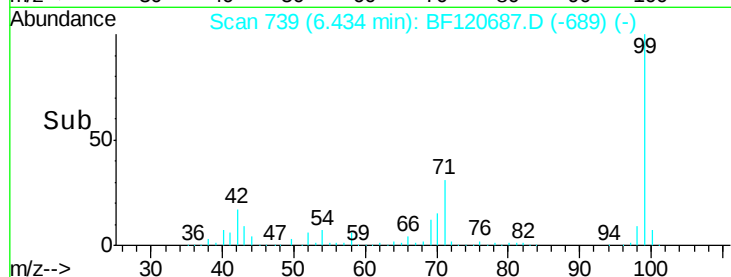
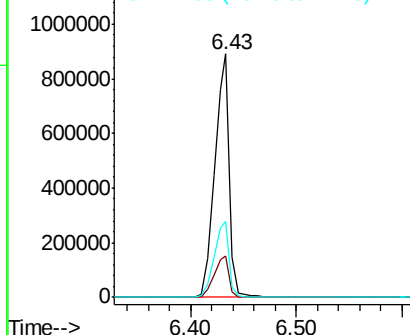
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		866623		
42	17.0	14.0	21.0		
71	31.3	24.9	37.3		

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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: 8.08 min Scan# 1019

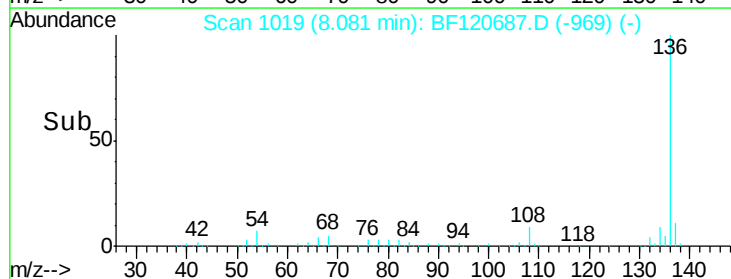
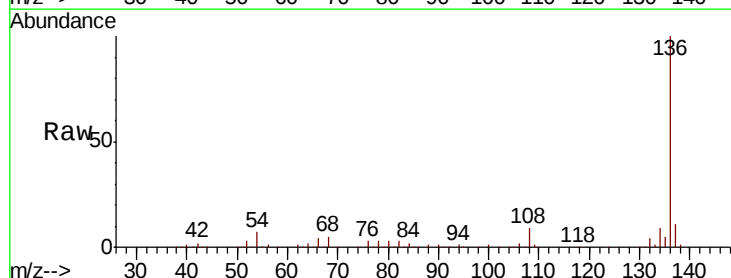
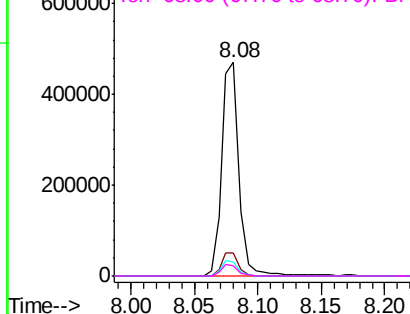
Delta R.T. -0.01 min

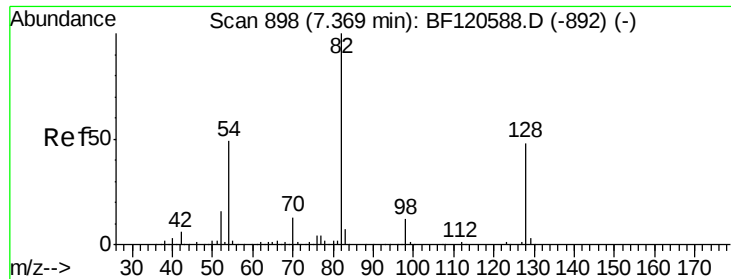
Lab File: BF120687.D

Acq: 22 Jun 2020 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		449409		
137	10.7	8.6	13.0		
54	6.6	5.8	8.6		
68	4.9	4.4	6.6		

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





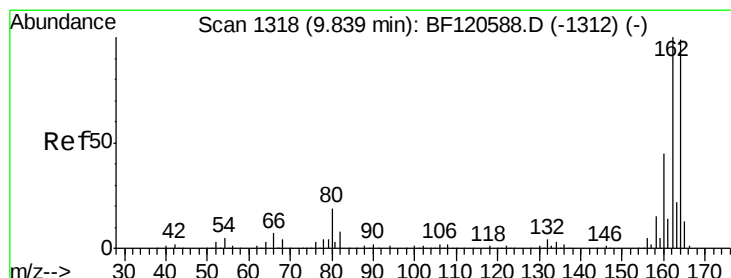
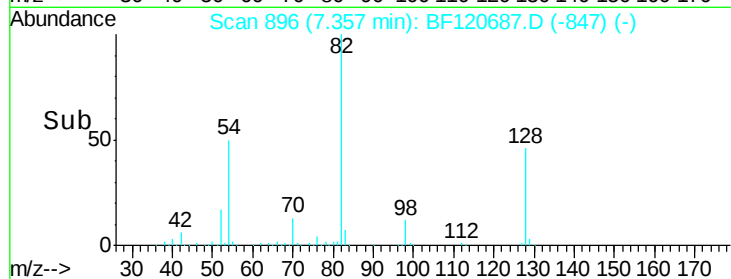
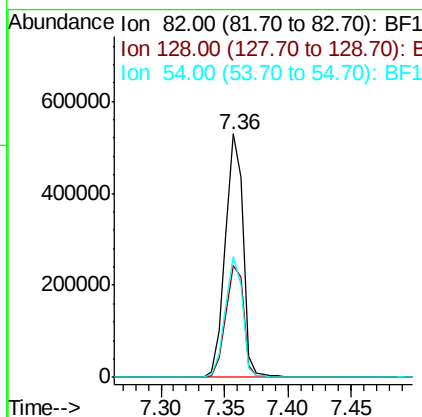
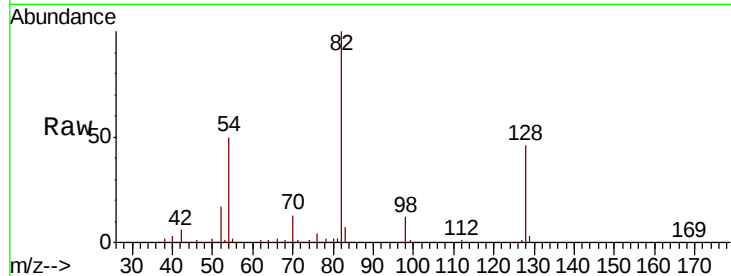
#23
Nitrobenzene-d5
Concen: 64.260 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120687.D
Acq: 22 Jun 2020 20:35

Instrument :
BNA_F
ClientSampled :
SB-14

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	38.0	57.0
54	49.8	38.8	58.2

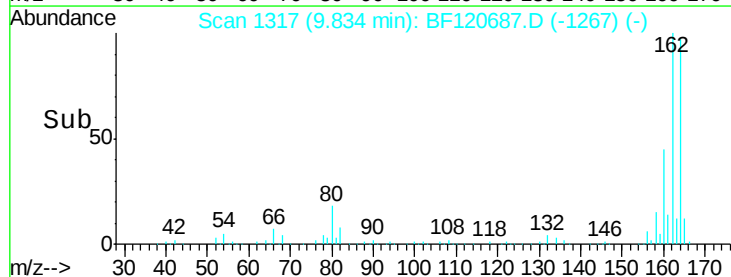
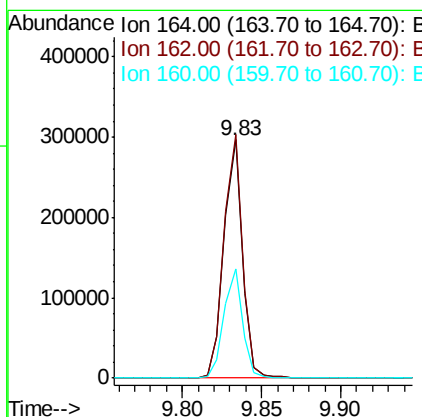
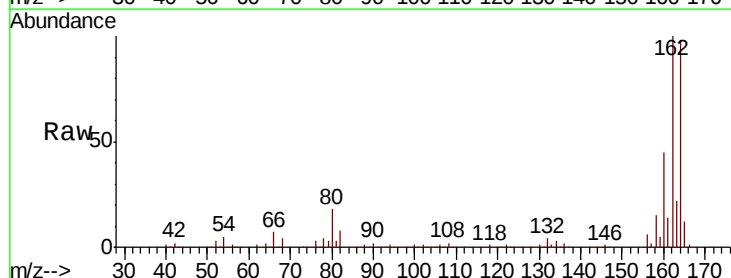
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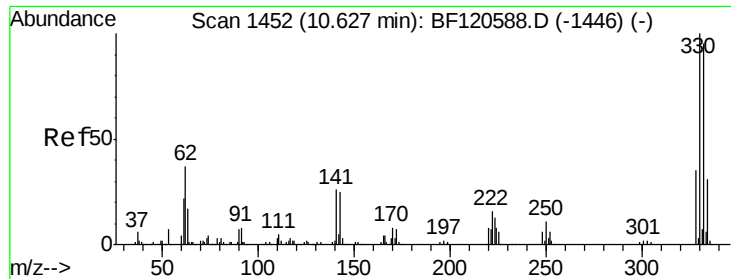
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120687.D
Acq: 22 Jun 2020 20:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	45.9	36.2	54.2





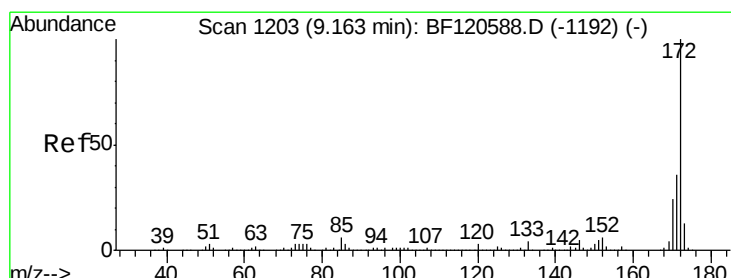
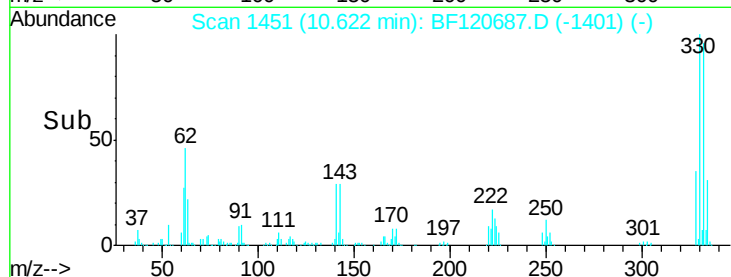
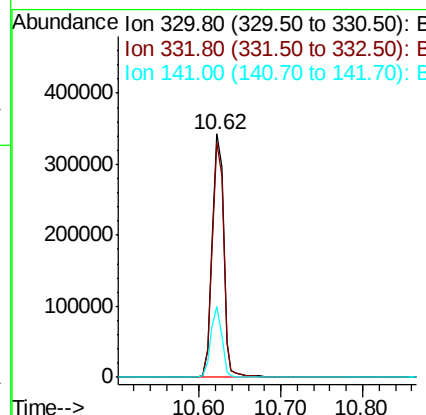
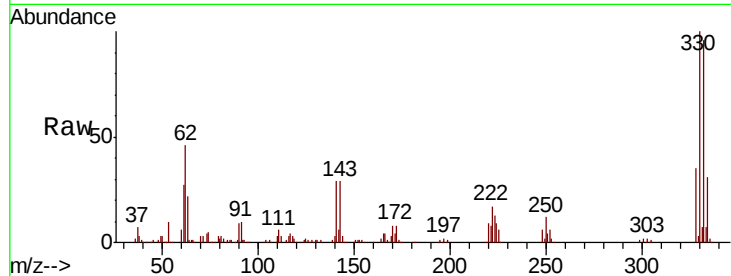
#42
 2,4,6-Tribromophenol
 Concen: 119.852 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120687.D
 Acq: 22 Jun 2020 20:35

Instrument :
 BNA_F
 ClientSampled :
 SB-14

Tot Ion	Ratio	Resp	Lower	Upper
330	100	335955		
332	95.9	76.8	115.2	
141	28.0	23.2	34.8	

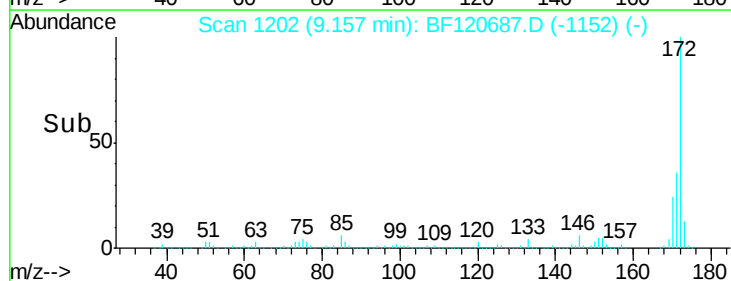
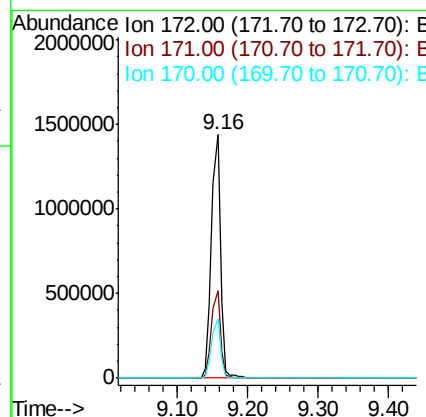
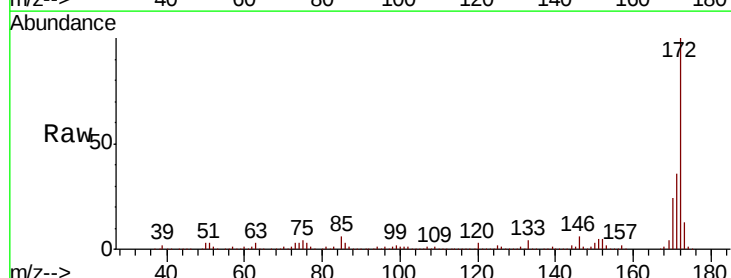
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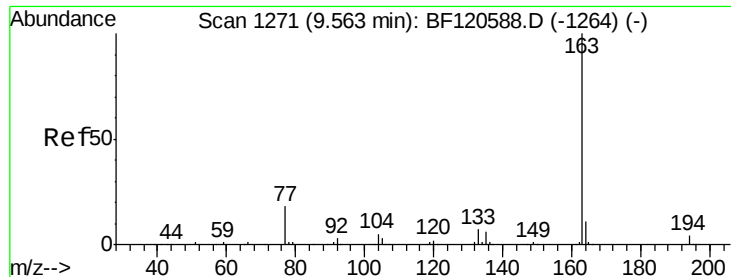
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#45
 2-Fluorobiphenyl
 Concen: 82.065 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120687.D
 Acq: 22 Jun 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1293194		
171	36.1	29.0	43.4	
170	24.4	19.4	29.2	





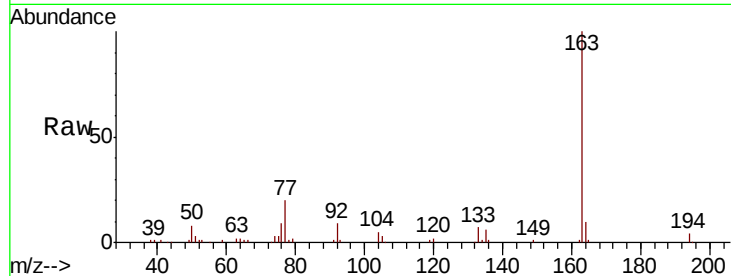
#50
Dimethylphthalate
Concen: 5.233 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF120687.D
Acq: 22 Jun 2020 20:35

Instrument :
BNA_F
ClientSampled :
SB-14

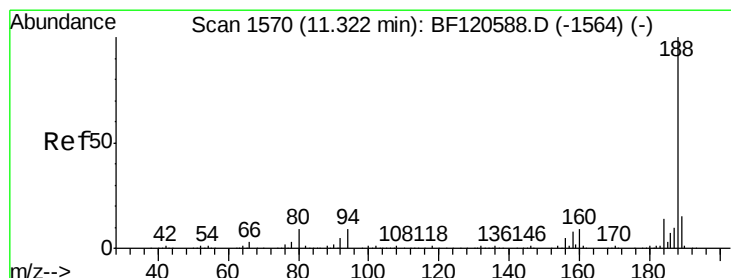
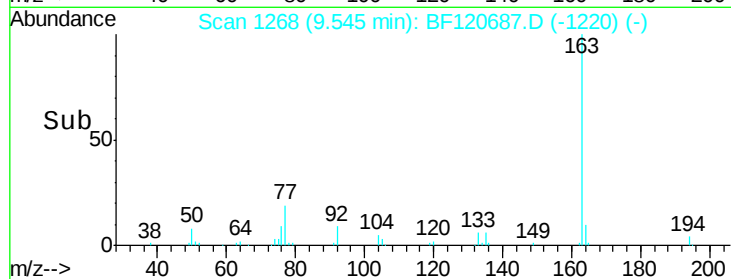
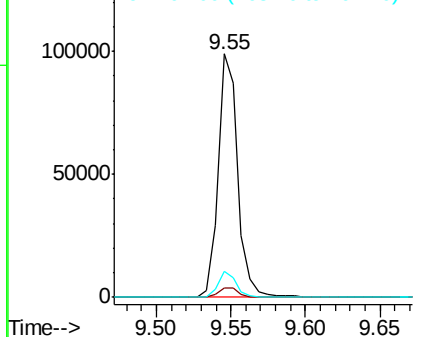
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.5	8.5	12.7

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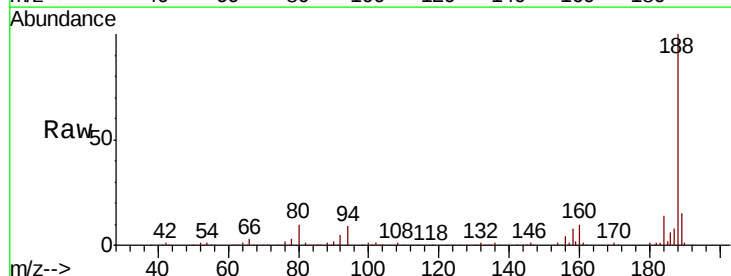


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

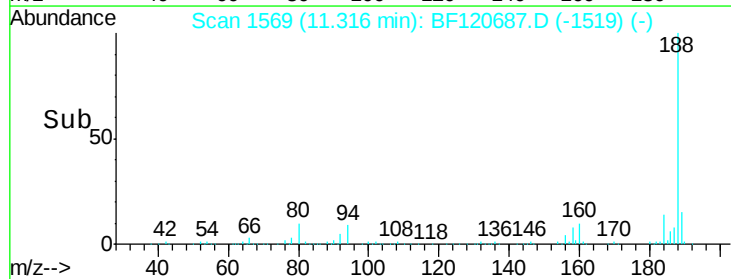
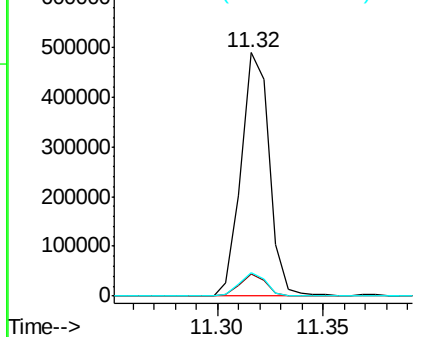


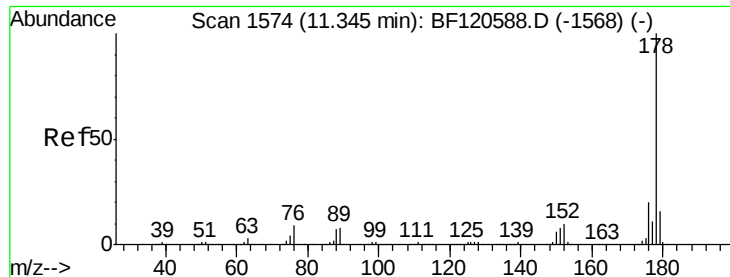
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120687.D
Acq: 22 Jun 2020 20:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.6	7.4	11.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





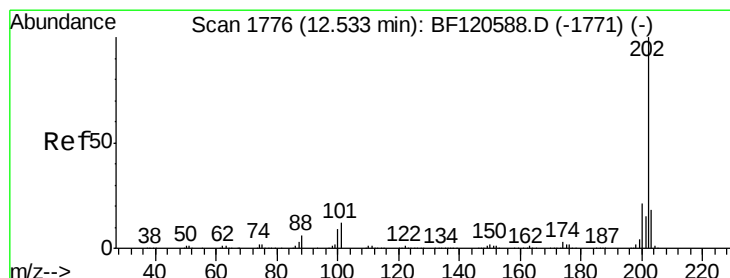
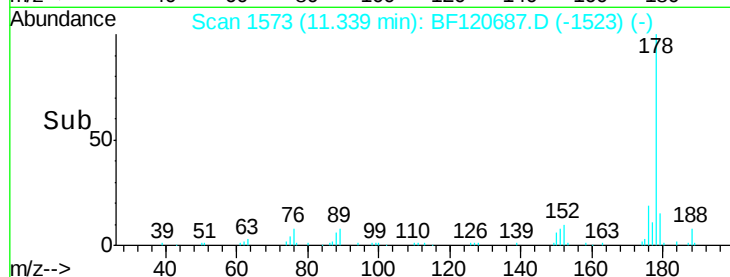
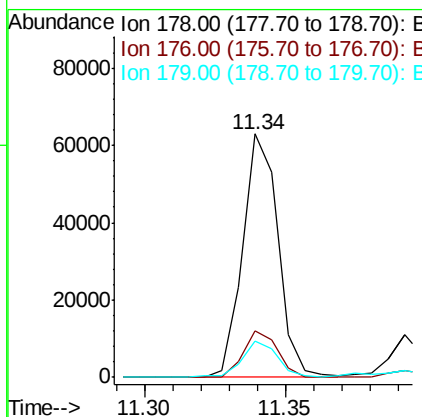
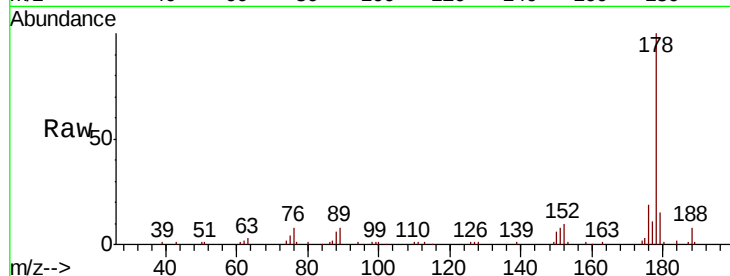
#71
Phenanthrene
Concen: 2.434 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF120687.D
Acq: 22 Jun 2020 20:35

Instrument :
BNA_F
ClientSampleId :
SB-14

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	14.6	12.8	19.2

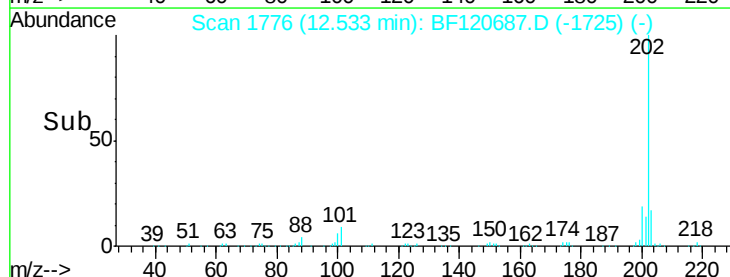
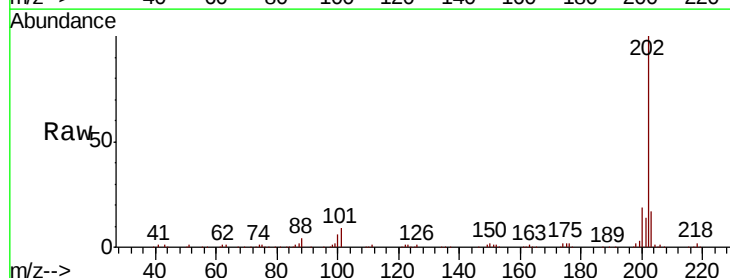
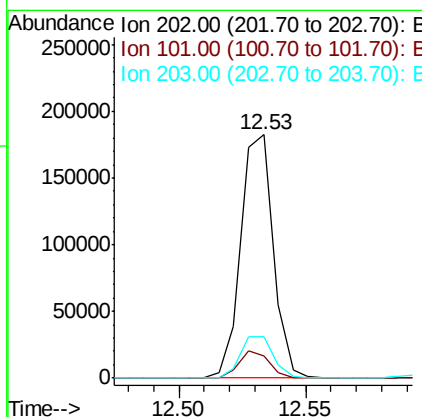
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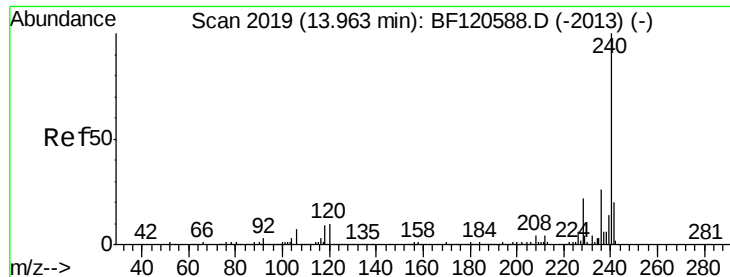
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#75
Fluoranthene
Concen: 6.315 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF120687.D
Acq: 22 Jun 2020 20:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	32.0
203	16.8	0.0	38.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120687.D

Acq: 22 Jun 2020 20:35

Instrument :

BNA_F

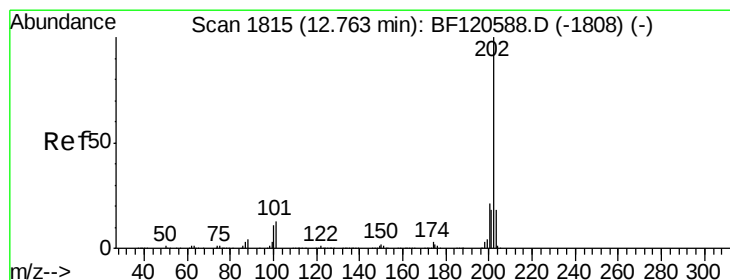
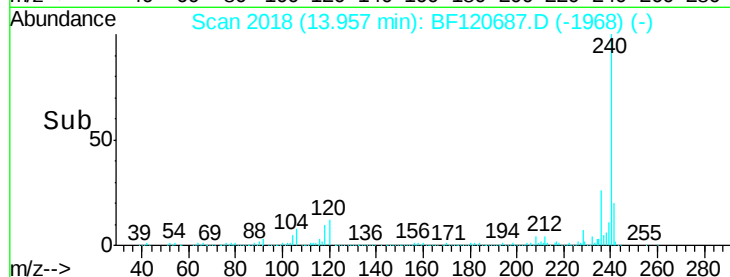
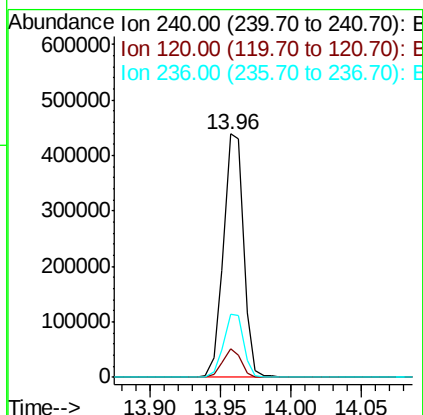
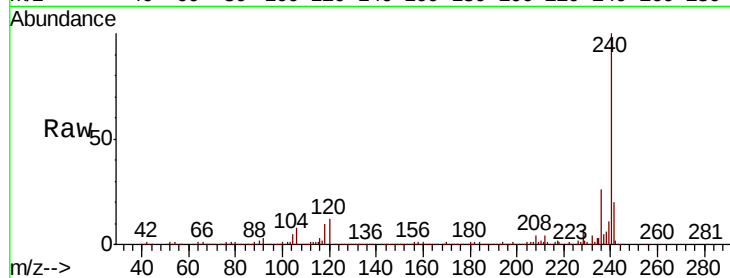
ClientSampled :

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Tot Ion:	240	Resp:	435949
Ion Ratio		Lower	Upper
240	100		
120	11.7	8.3	12.5
236	25.9	21.0	31.4

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#78

Pyrene

Concen: 5.803 ng

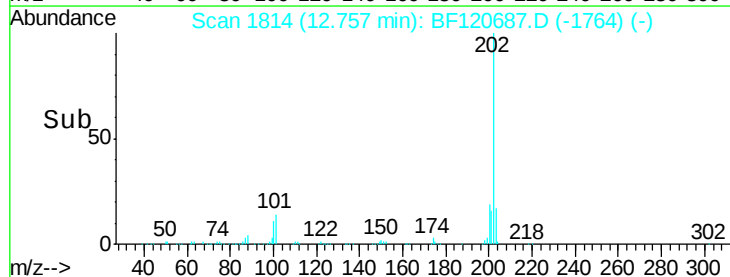
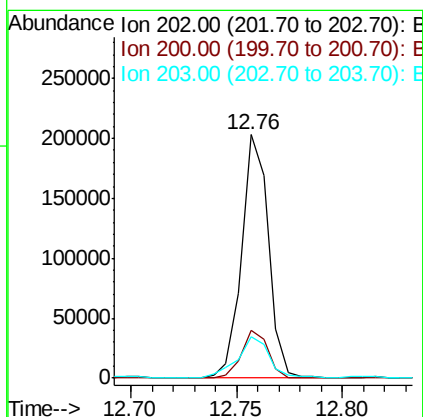
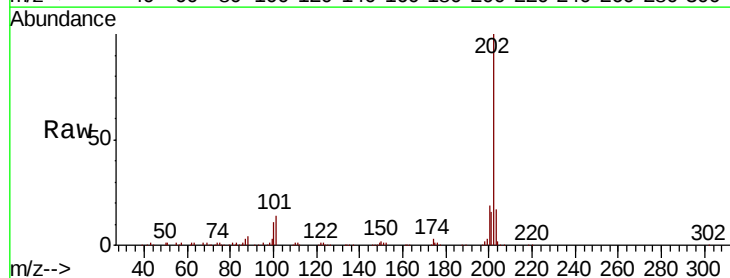
RT: 12.76 min Scan# 1814

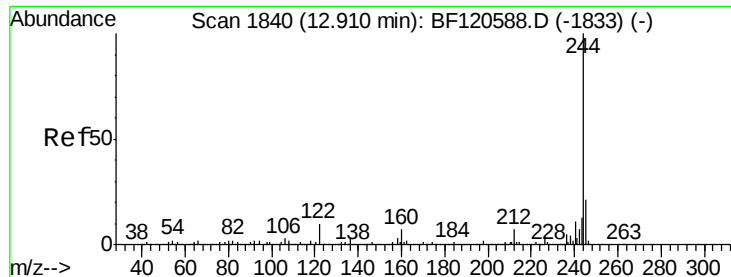
Delta R.T. -0.01 min

Lab File: BF120687.D

Acq: 22 Jun 2020 20:35

Tgt Ion:	202	Resp:	179221
Ion Ratio		Lower	Upper
202	100		
200	19.4	16.8	25.2
203	16.9	14.3	21.5





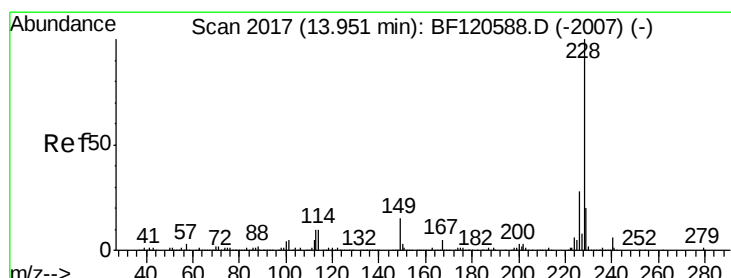
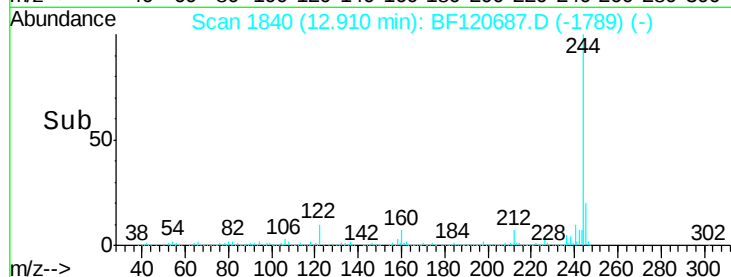
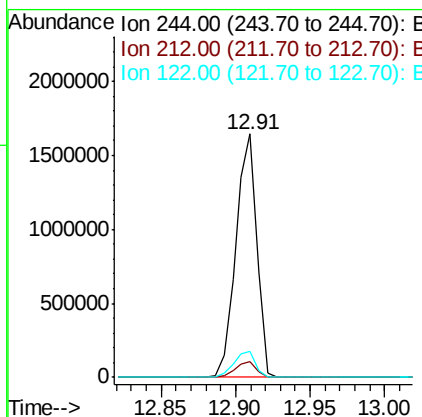
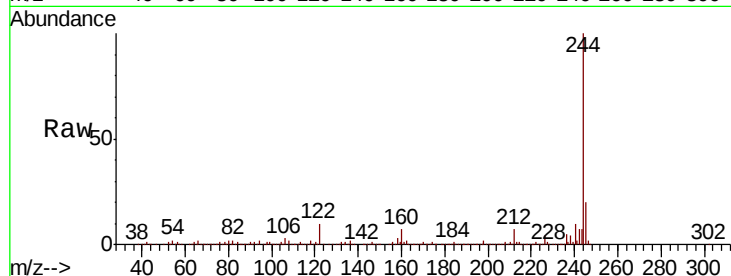
#79
 Terphenyl-d14
 Concen: 81.814 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF120687.D
 Acq: 22 Jun 2020 20:35

Instrument :
 BNA_F
 ClientSampled :
 SB-14

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	10.4	8.3	12.5

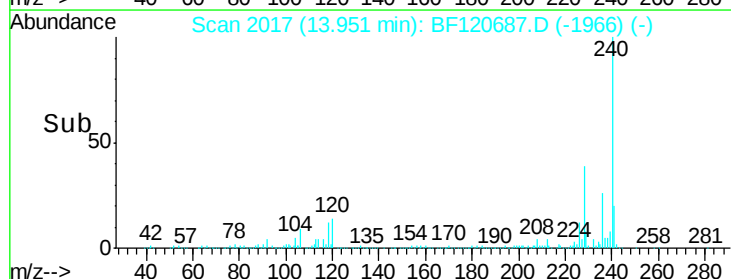
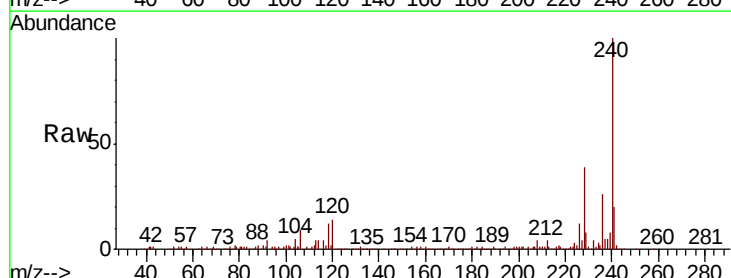
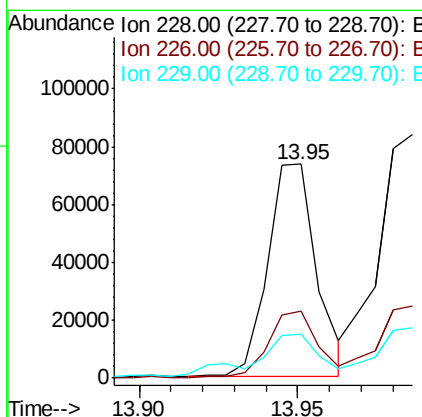
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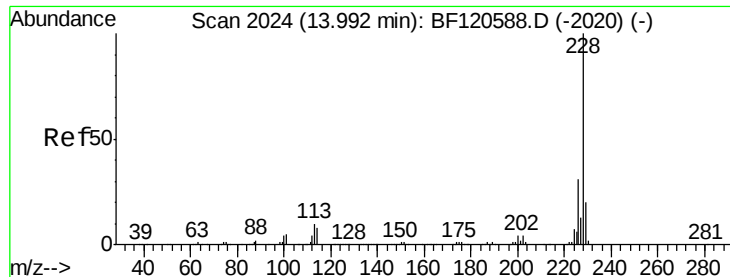
Sohil
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#81
 Benzo(a)anthracene
 Concen: 3.024 ng
 RT: 13.95 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BF120687.D
 Acq: 22 Jun 2020 20:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.5	33.7
229	20.3	16.1	24.1





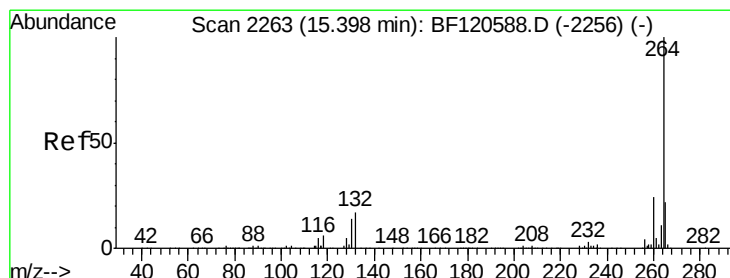
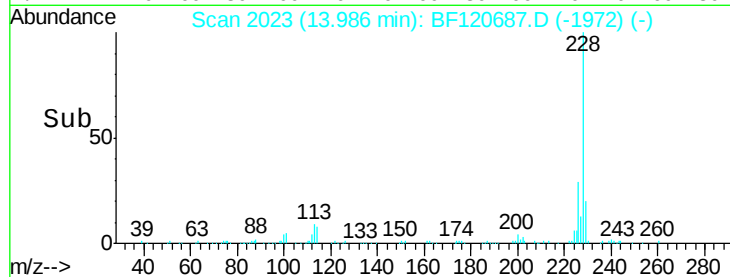
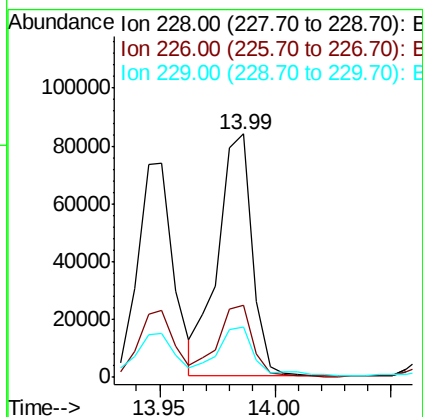
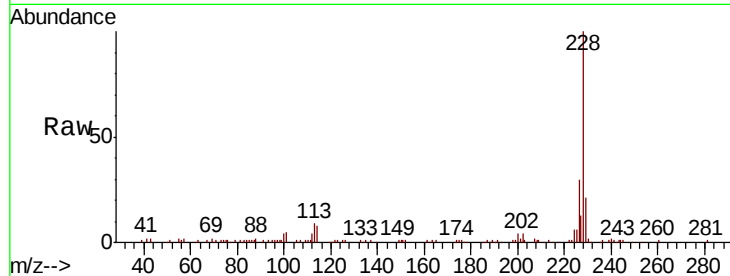
#83
Chrysene
Concen: 3.230 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF120687.D
Acq: 22 Jun 2020 20:35

Instrument :
BNA_F
ClientSampled :
SB-14

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	20.6	16.1	24.1

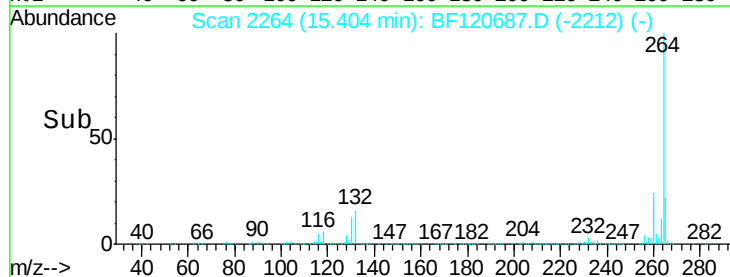
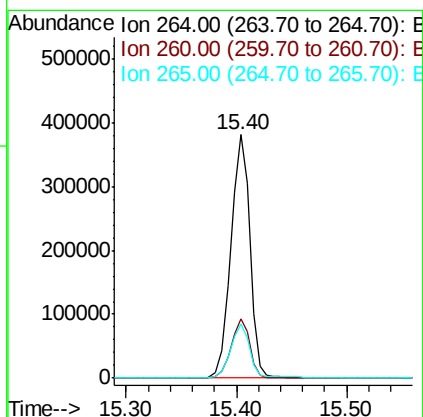
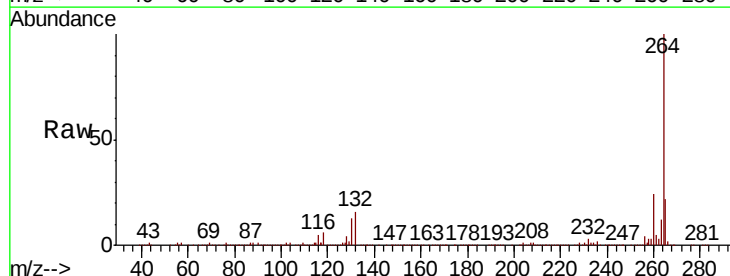
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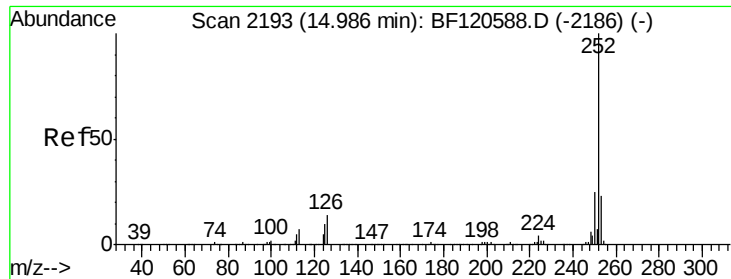
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120687.D
Acq: 22 Jun 2020 20:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	22.0	17.8	26.8





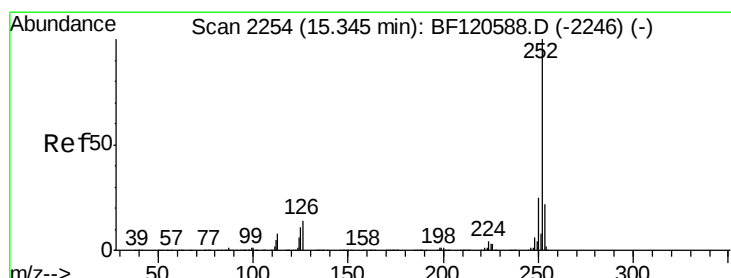
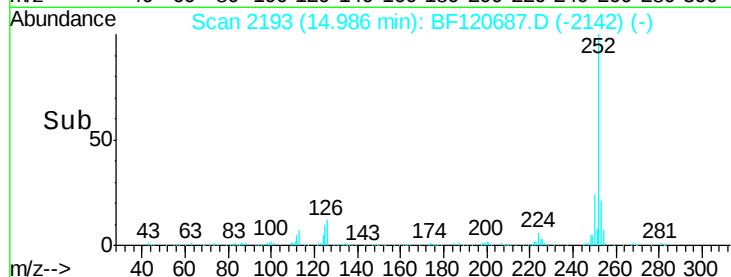
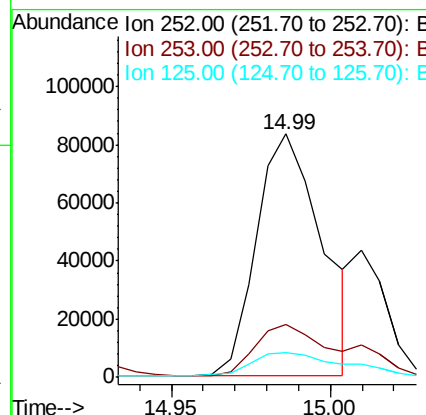
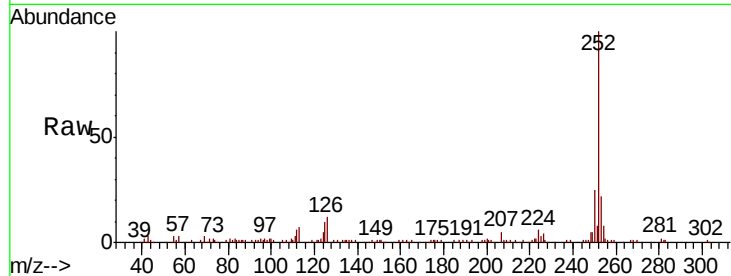
#88
Benzo(b)fluoranthene
Concen: 4.336 ng m
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF120687.D
Acq: 22 Jun 2020 20:35

Instrument :
BNA_F
ClientSampled :
SB-14

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.4	8.3	12.5

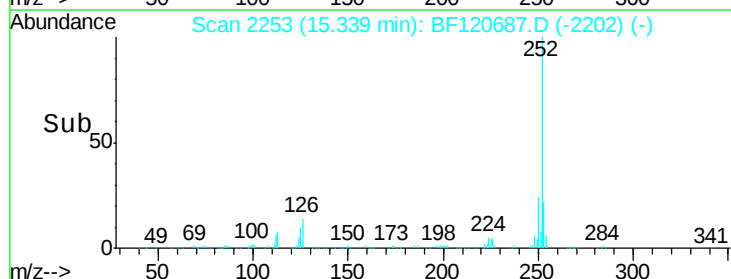
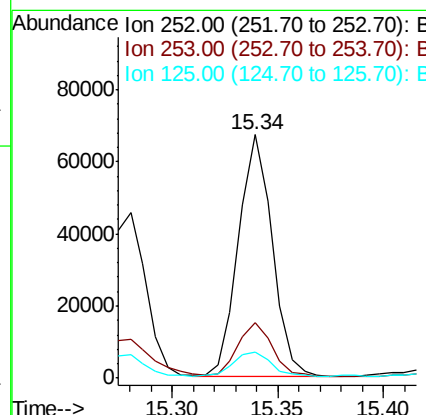
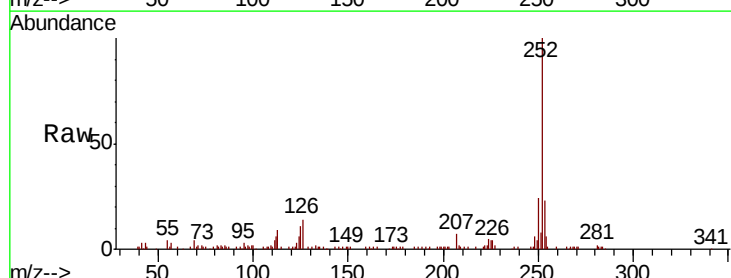
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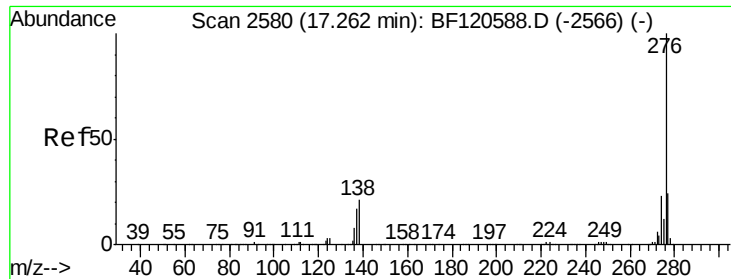
Sohil
6/23/2020 2:03:42 PM



#90
Benzo(a)pyrene
Concen: 3.024 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BF120687.D
Acq: 22 Jun 2020 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	10.7	8.6	12.8





#92
 Benzo(a,h,i)perylene
 Concen: 2.217 ng
 RT: 17.25 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BF120687.D
 Acq: 22 Jun 2020 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-14

Tot Ion:	276	Resp:	50507
Ion Ratio		Lower	Upper
276	100		
277	24.2	19.6	29.4
138	22.4	16.5	24.7

Manual Integrations
 APPROVED

Sohil
 6/23/2020 2:03:42 PM

