

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118762.D
 Acq On : 30 Jan 2020 20:14
 Operator : CG/JU
 Sample : L1298-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-54

Manual Integrations
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Quant Time: Jan 30 22:54:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	259239	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	962117	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	552136	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1009889	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	686290	20.00	ng	-0.02
87) Perylene-d12	15.46	264	778899	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1332493	95.46	ng	-0.02
7) Phenol-d6	6.46	99	1657426	91.36	ng	-0.03
23) Nitrobenzene-d5	7.40	82	1069910	62.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	603945	94.57	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2027041	60.34	ng	-0.02
79) Terphenyl-d14	12.95	244	2344172	74.50	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.59	163	128713	3.578	ng	99
71) Phenanthrene	11.38	178	145831	2.993	ng	97
75) Fluoranthene	12.57	202	556624	10.832	ng	97
78) Pyrene	12.80	202	640914	13.756	ng	97
81) Benzo(a)anthracene	13.99	228	318824	7.723	ng	97
83) Chrysene	14.02	228	341912	8.641	ng	97
86) Indeno(1,2,3-cd)pyrene	16.90	276	352101	10.242	ng	94
88) Benzo(b)fluoranthene	15.03	252	535157m	10.931	ng	
89) Benzo(k)fluoranthene	15.06	252	172187m	3.796	ng	
90) Benzo(a)pyrene	15.40	252	425086	10.065	ng	99
91) Dibenzo(a,h)anthracene	16.92	278	80188m	2.146	ng	
92) Benzo(a,h,i)perylene	17.34	276	371194	10.233	ng	98

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

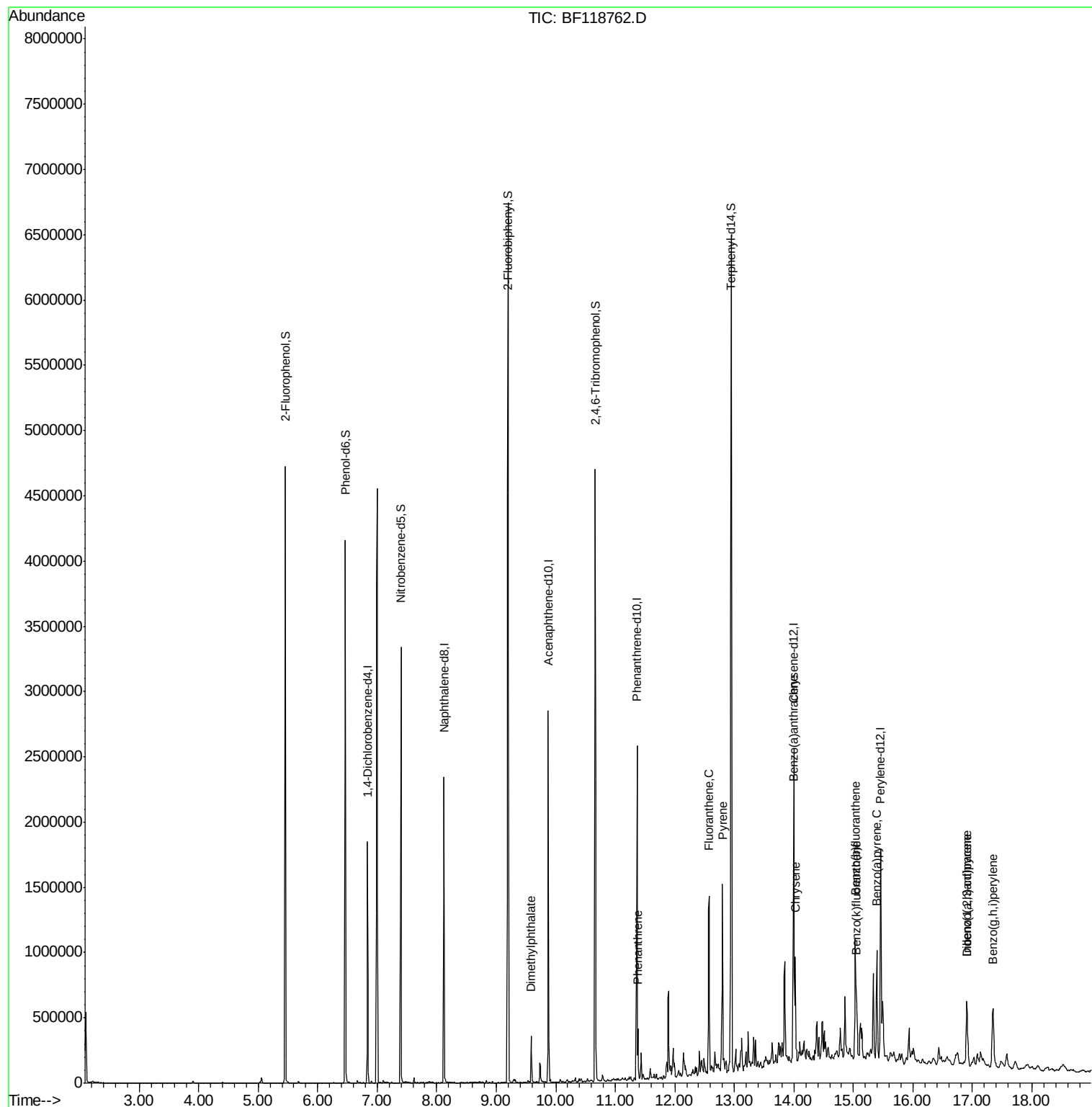
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118762.D
Acq On : 30 Jan 2020 20:14
Operator : CG/JU
Sample : L1298-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

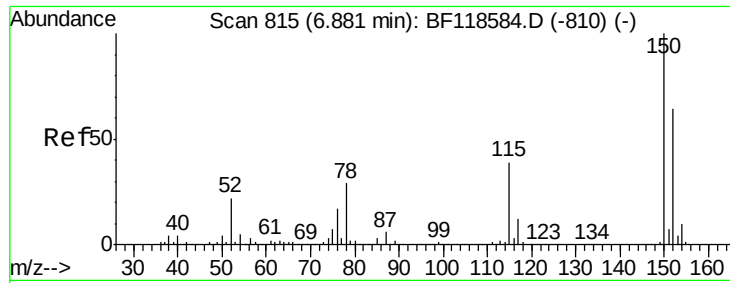
Instrument :
BNA_F
ClientSampleId :
RBR-54

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Quant Time: Jan 30 22:54:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

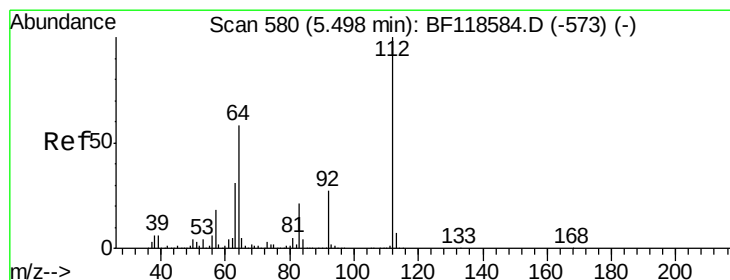
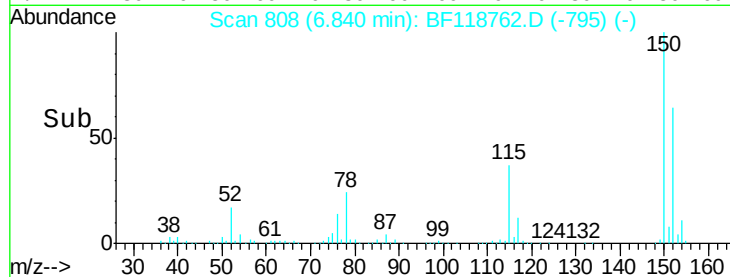
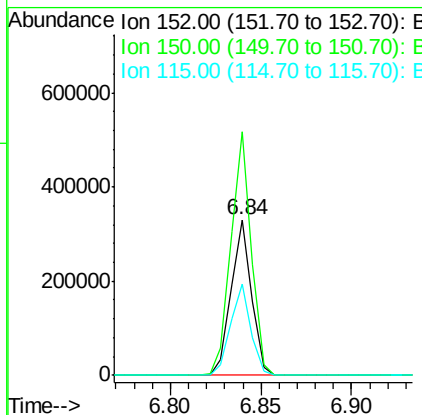
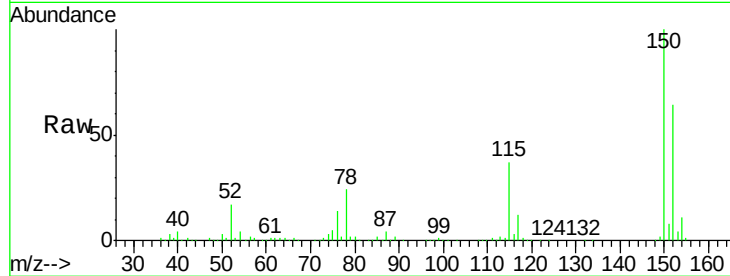
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF118762.D
 Acq: 30 Jan 2020 20:14

Instrument :
 BNA_F
 ClientSampleId :
 RBR-54

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.7	185.5
115	58.5	45.1	67.7

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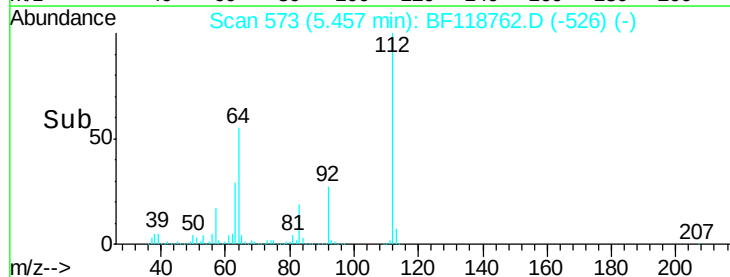
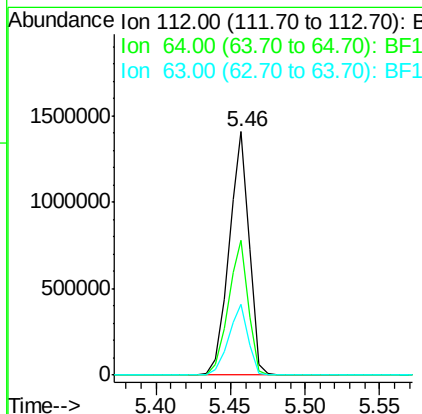
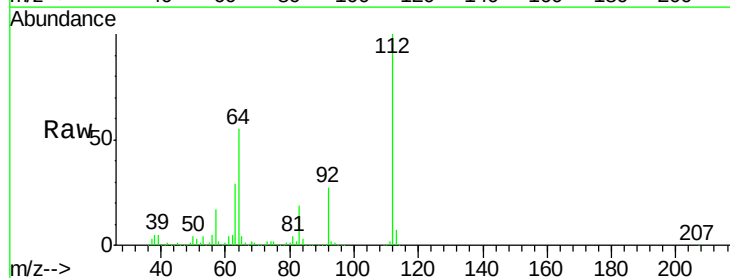
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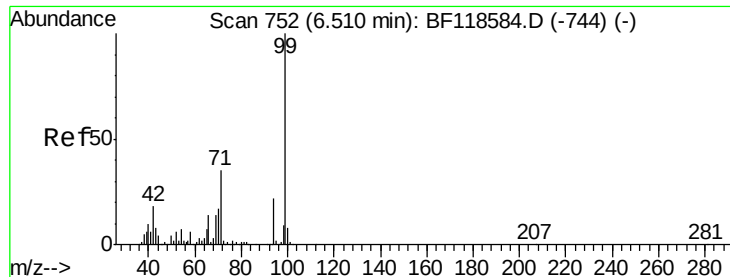


#5

2-Fluorophenol
 Concen: 95.463 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: BF118762.D
 Acq: 30 Jan 2020 20:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	42.4	63.6
63	28.8	21.7	32.5





#7

Phenol-d6

Concen: 91.358 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF118762.D

Acq: 30 Jan 2020 20:14

Instrument :

BNA_F

ClientSampleId :

RBR-54

Tot Ion: 99 Resp: 1657426

Ion Ratio Lower Upper

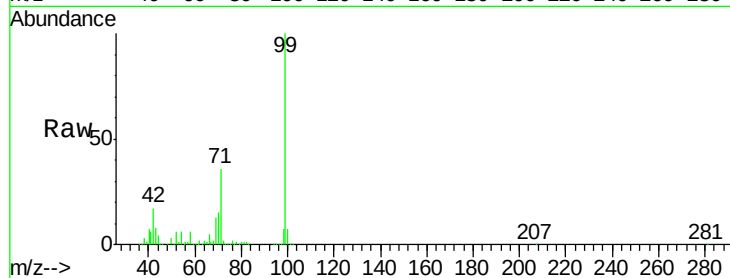
99 100

42 16.8 13.1 19.7

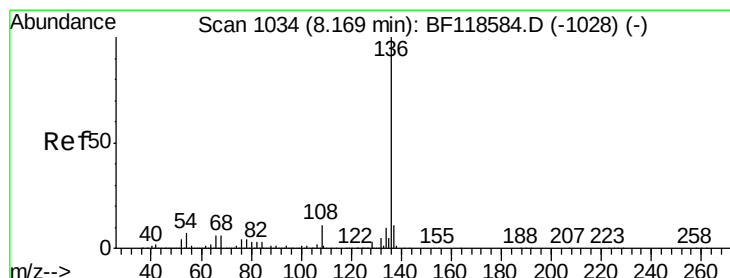
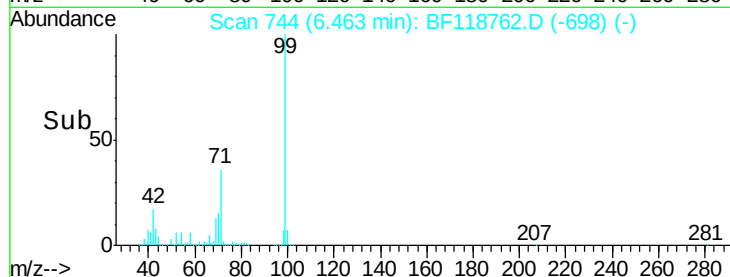
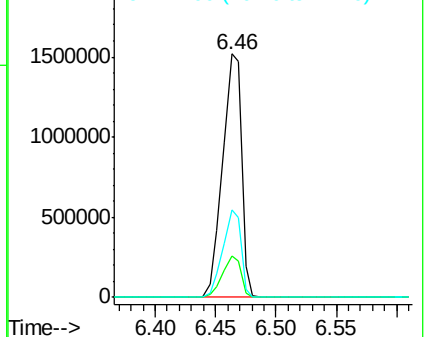
71 36.1 28.4 42.6

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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: 8.12 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF118762.D

Acq: 30 Jan 2020 20:14

Tgt Ion: 136 Resp: 962117

Ion Ratio Lower Upper

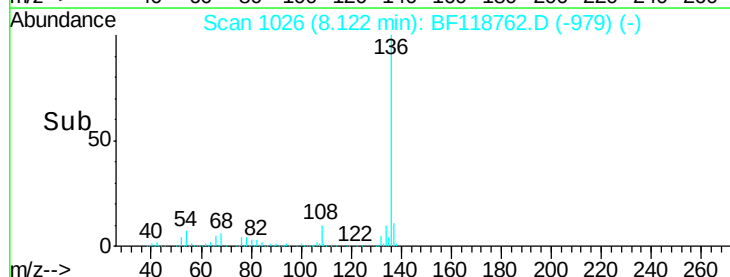
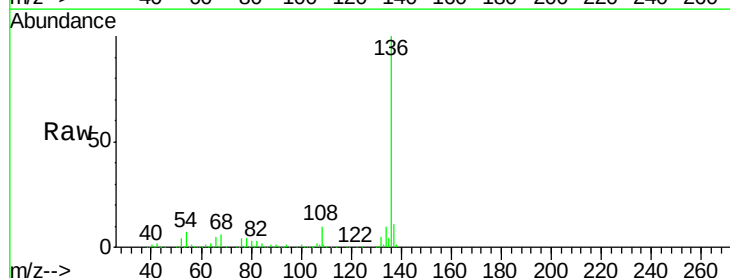
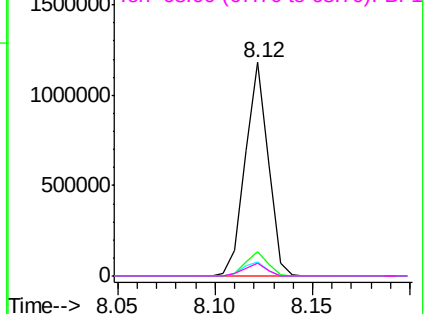
136 100

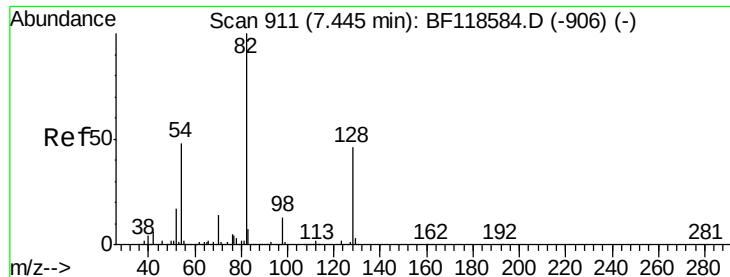
137 11.3 8.9 13.3

54 6.8 5.1 7.7

68 6.1 4.3 6.5

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





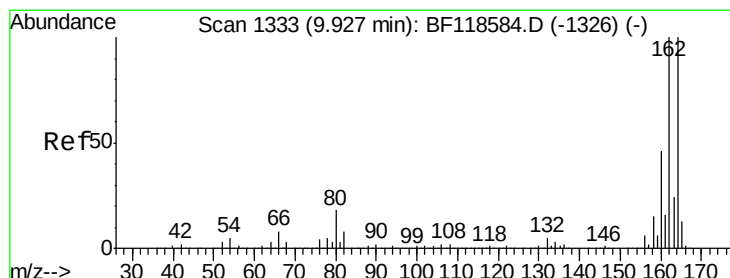
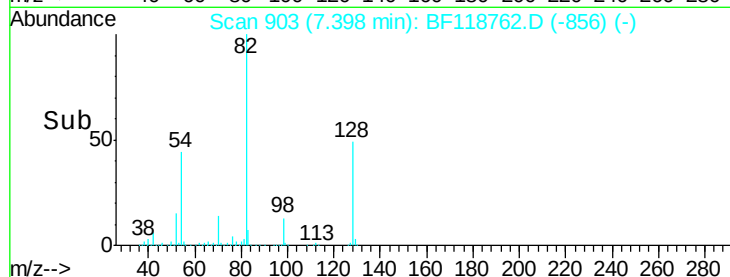
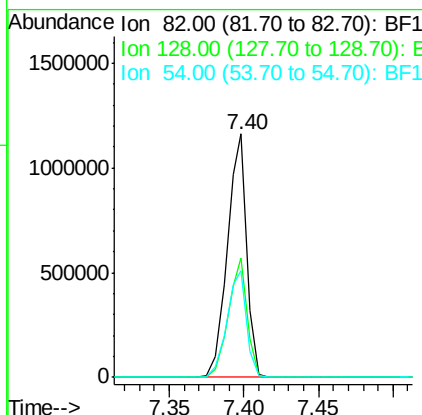
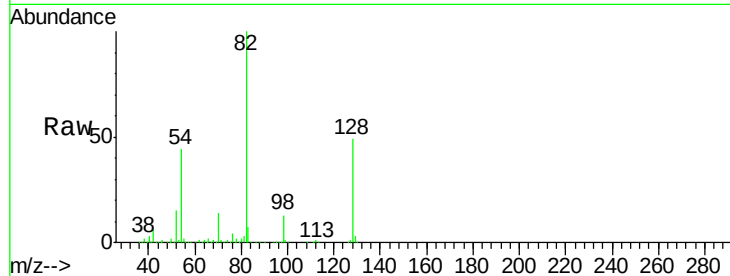
#23
Nitrobenzene-d5
Concen: 62.201 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF118762.D
Acq: 30 Jan 2020 20:14

Instrument :
BNA_F
ClientSampleId :
RBR-54

Tot Ion	82	Resp	1069910
Ion Ratio	100	Lower	Upper
82	100		
128	49.0	38.2	57.2
54	43.9	36.1	54.1

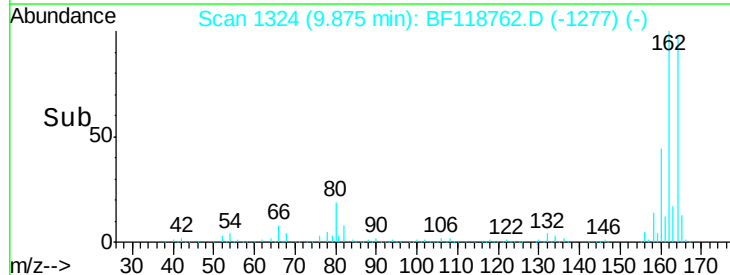
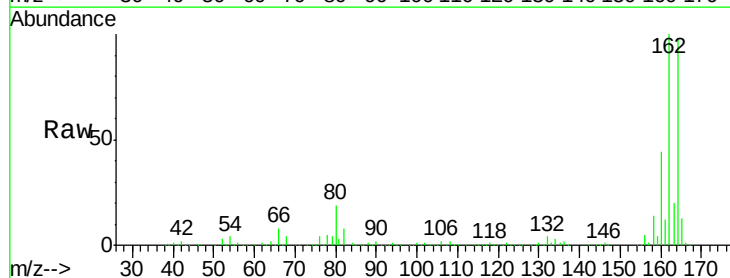
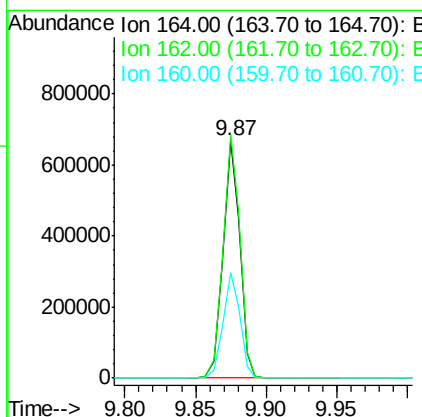
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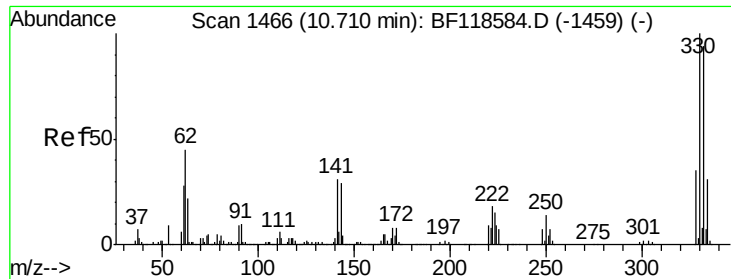
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF118762.D
Acq: 30 Jan 2020 20:14

Tgt Ion	164	Resp	552136
Ion Ratio	100	Lower	Upper
164	100		
162	102.4	80.8	121.2
160	44.6	35.4	53.0





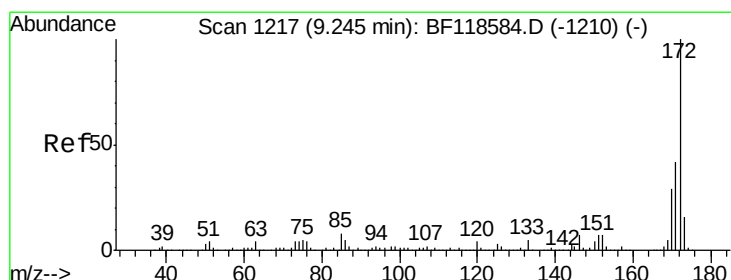
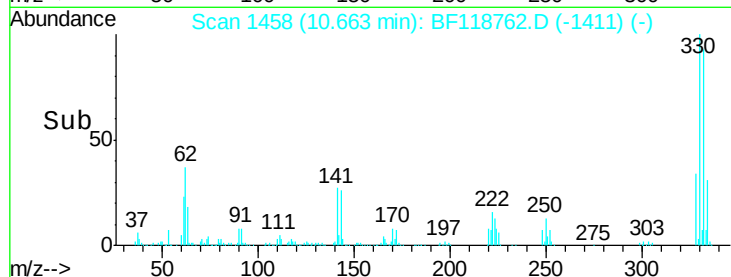
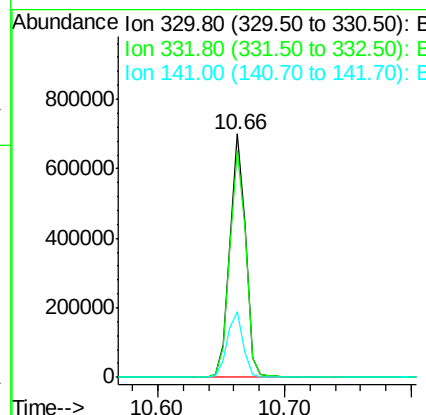
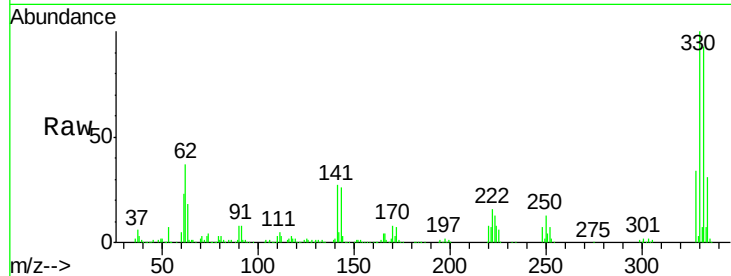
#42
 2,4,6-Tribromophenol
 Concen: 94.571 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF118762.D
 Acq: 30 Jan 2020 20:14

Instrument :
 BNA_F
 ClientSampleId :
 RBR-54

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.6	116.4
141	27.7	22.2	33.2

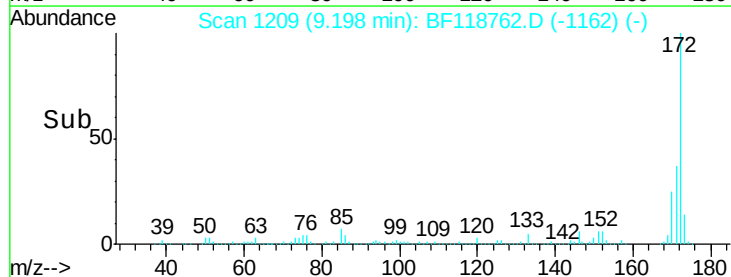
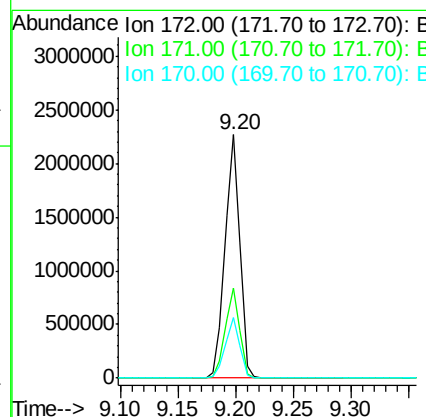
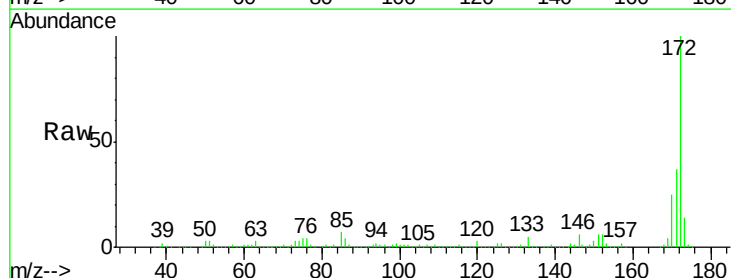
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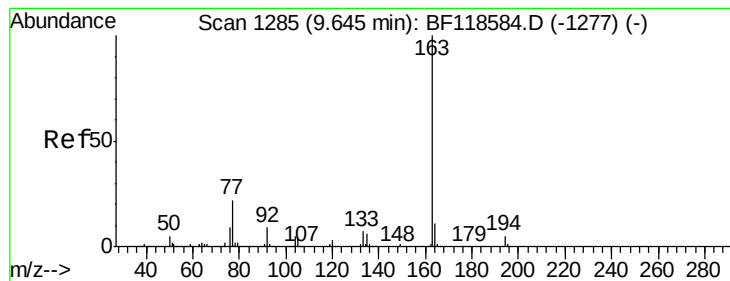
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#45
 2-Fluorobiphenyl
 Concen: 60.342 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF118762.D
 Acq: 30 Jan 2020 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	24.9	20.7	31.1





#50

Dimethylphthalate

Concen: 3.578 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.04 min

Lab File: BF118762.D

Acq: 30 Jan 2020 20:14

Instrument :

BNA_F

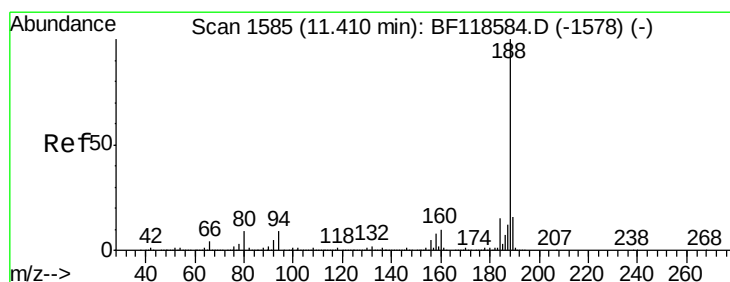
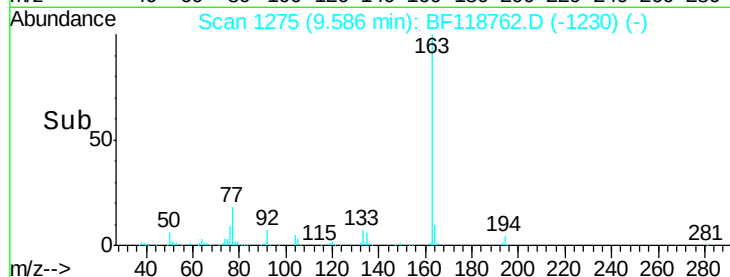
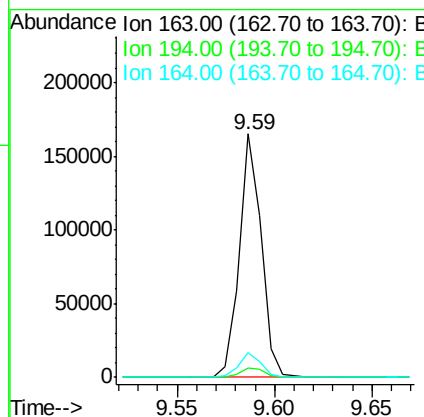
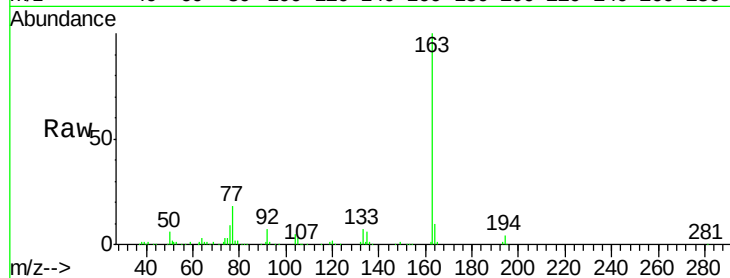
ClientSampleId :

RBR-54

Tot Ion:	163	Resp:	128713
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.7	5.5
164	9.9	8.2	12.2

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#64

Phenanthrene-d10

Concen: 20.000 ng

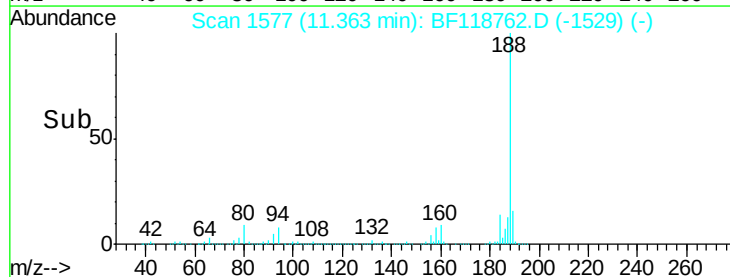
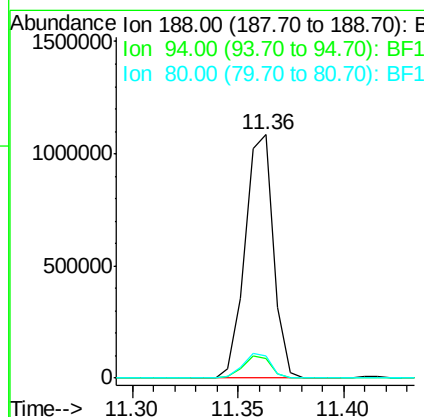
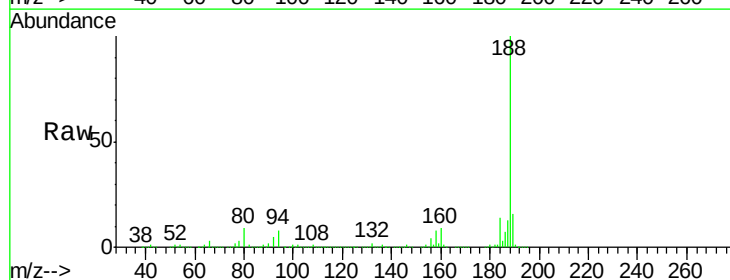
RT: 11.36 min Scan# 1577

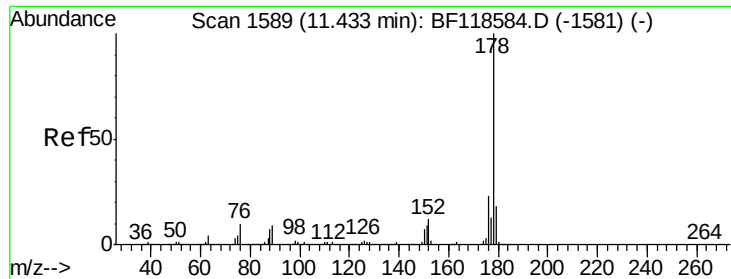
Delta R.T. -0.02 min

Lab File: BF118762.D

Acq: 30 Jan 2020 20:14

Tgt Ion:	188	Resp:	1009889
Ion Ratio	Lower	Upper	
188	100		
94	8.3	7.4	11.2
80	8.9	7.8	11.8





#71

Phenanthrene

Concen: 2.993 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF118762.D

Acq: 30 Jan 2020 20:14

Instrument :

BNA_F

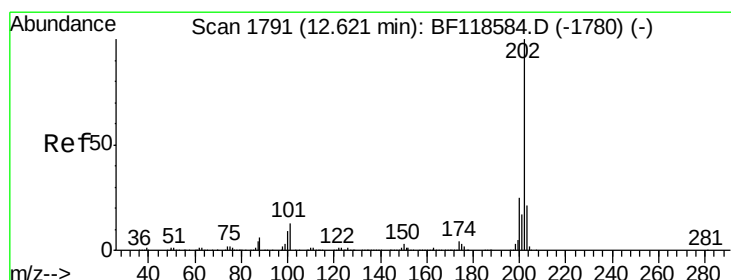
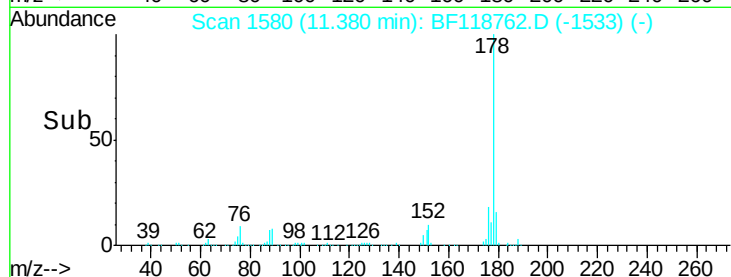
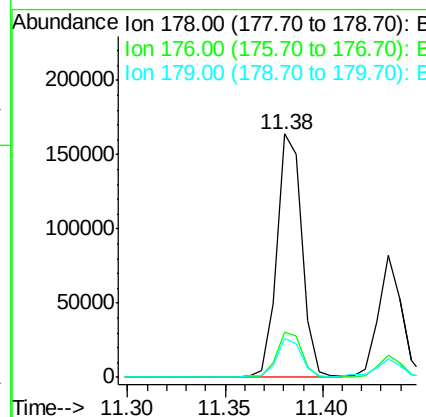
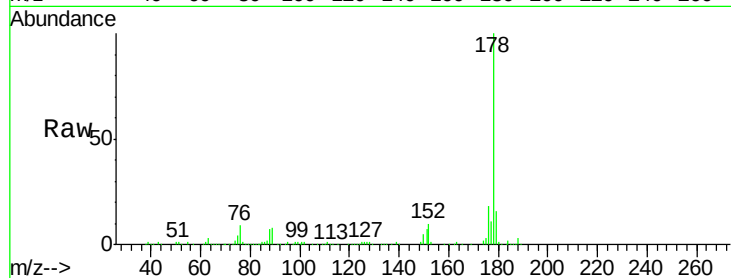
ClientSampleId :

RBR-54

Tot Ion:	178	Resp:	145831
Ion Ratio	Lower	Upper	
178	100		
176	18.5	16.5	24.7
179	16.1	13.3	19.9

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#75

Fluoranthene

Concen: 10.832 ng

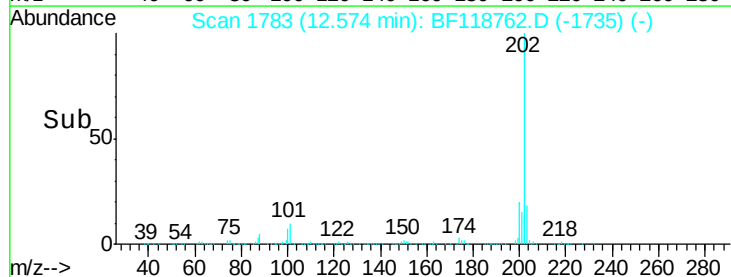
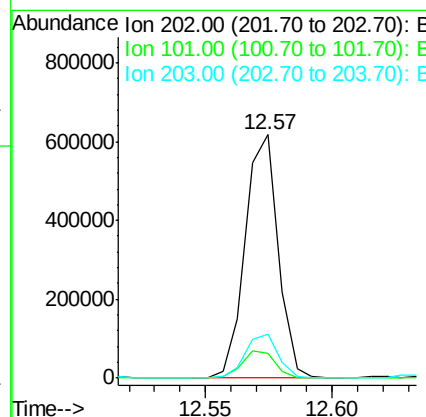
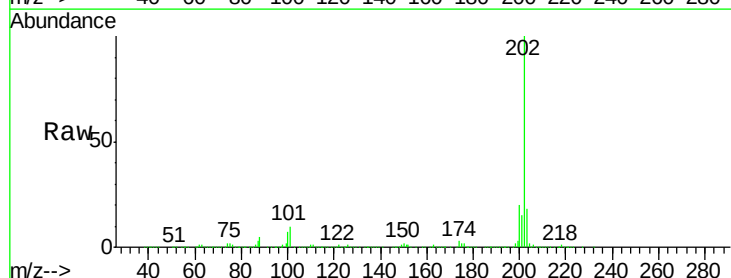
RT: 12.57 min Scan# 1783

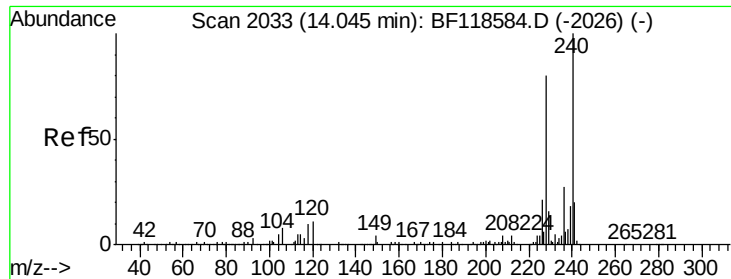
Delta R.T. -0.02 min

Lab File: BF118762.D

Acq: 30 Jan 2020 20:14

Tgt Ion:	202	Resp:	556624
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	32.1
203	17.8	0.0	38.9





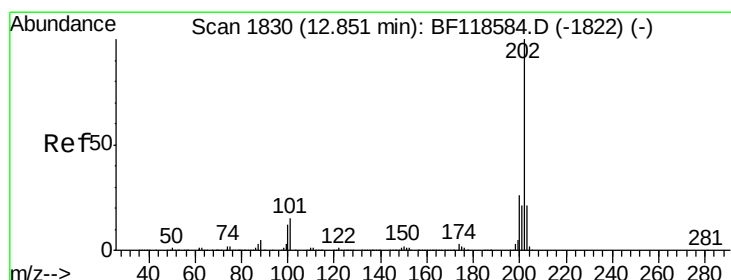
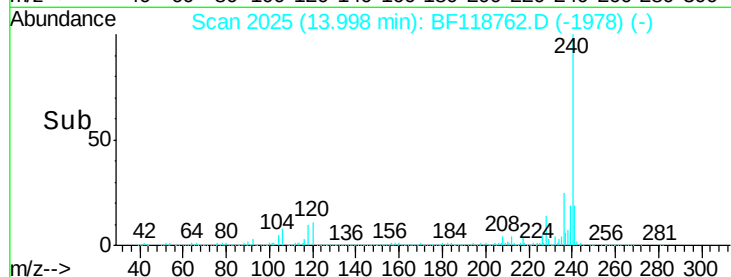
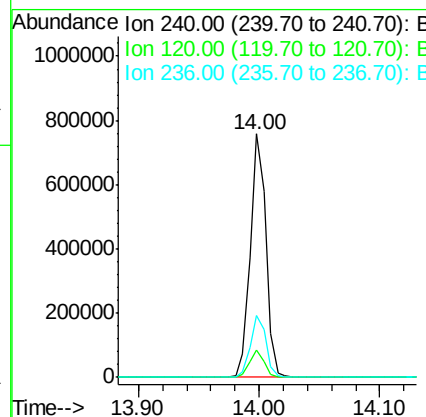
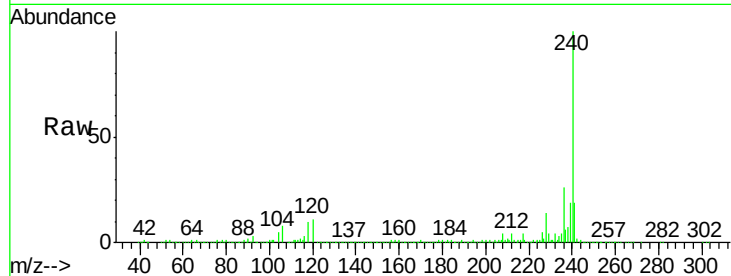
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF118762.D
Acq: 30 Jan 2020 20:14

Instrument :
BNA_F
ClientSampleId :
RBR-54

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	7.6	11.4
236	25.5	21.0	31.4

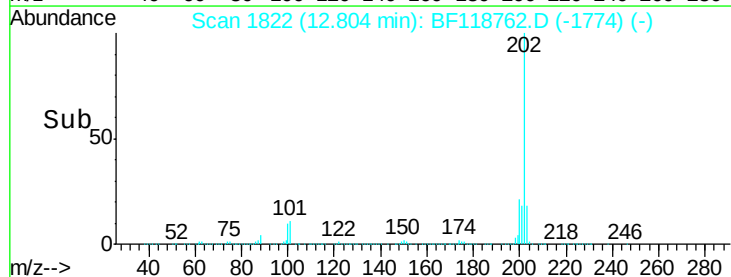
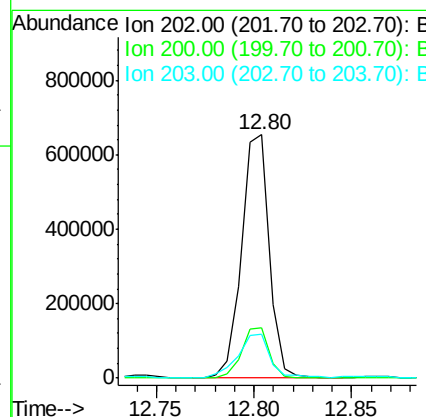
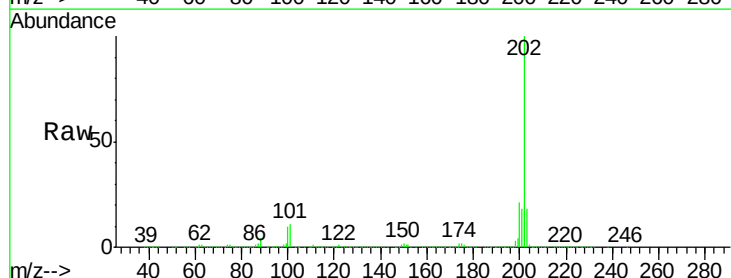
Manual Integrations
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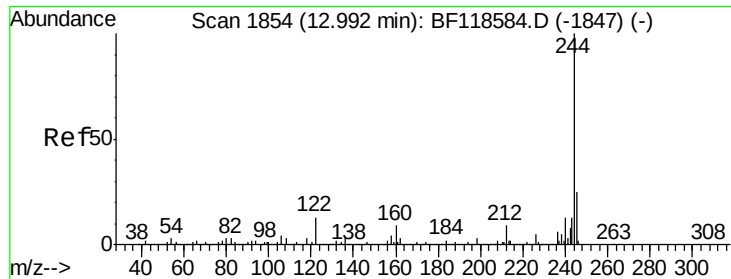
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#78
Pyrene
Concen: 13.756 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BF118762.D
Acq: 30 Jan 2020 20:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	18.1	27.1
203	18.0	15.2	22.8





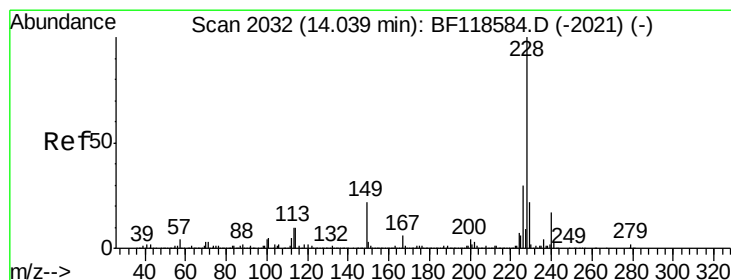
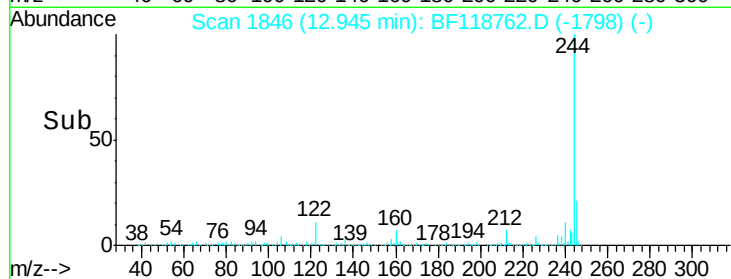
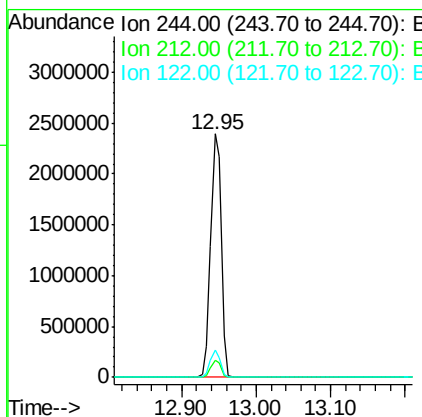
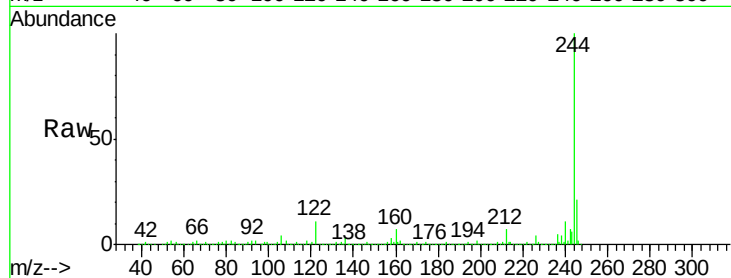
#79
 Terphenyl-d14
 Concen: 74.500 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BF118762.D
 Acq: 30 Jan 2020 20:14

Instrument :
 BNA_F
 ClientSampleId :
 RBR-54

Tot Ion:244 Resp: 2344172
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 11.2 9.2 13.8

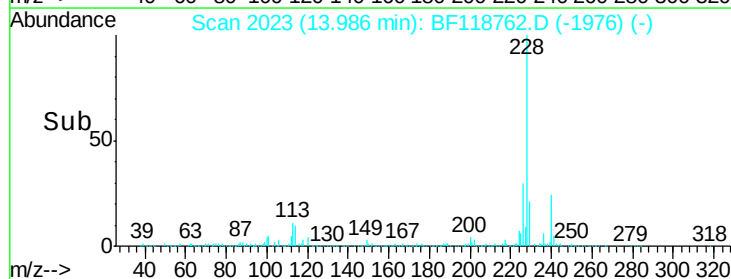
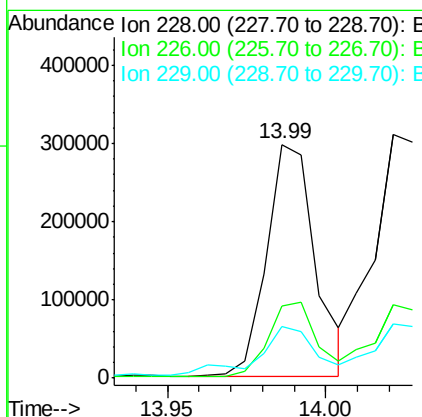
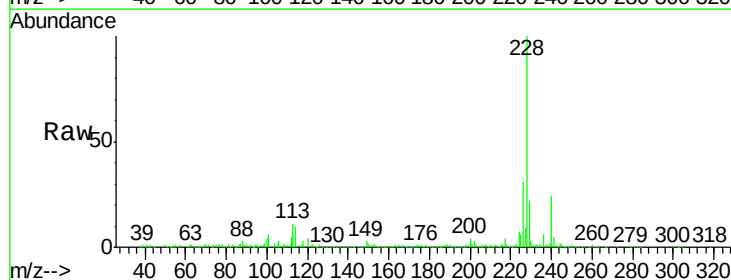
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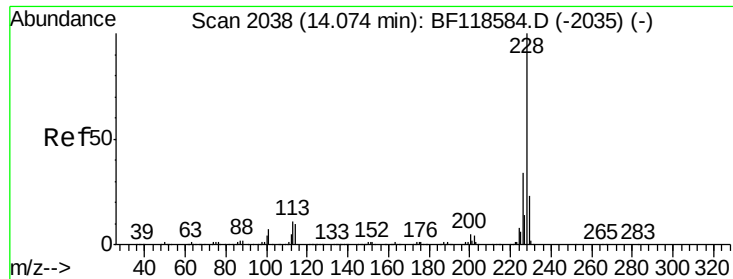
mohammad
 2/3/2020 7:57:16 AM



#81
 Benzo(a)anthracene
 Concen: 7.723 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF118762.D
 Acq: 30 Jan 2020 20:14

Tgt Ion:228 Resp: 318824
 Ion Ratio Lower Upper
 228 100
 226 30.6 22.6 34.0
 229 21.9 16.6 25.0





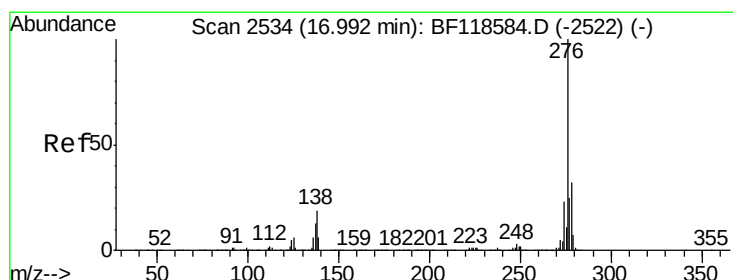
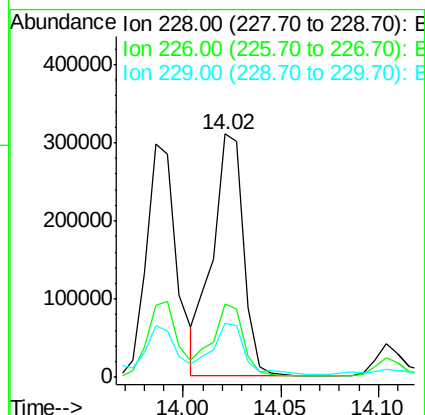
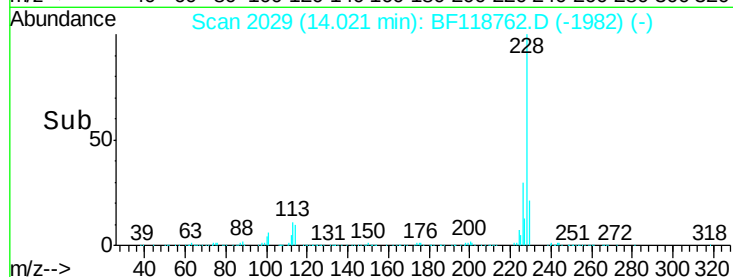
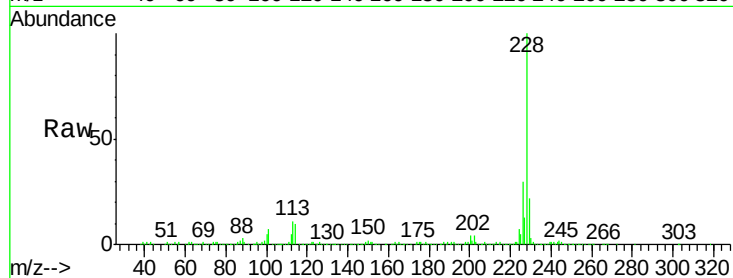
#83
Chrysene
Concen: 8.641 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF118762.D
Acq: 30 Jan 2020 20:14

Instrument :
BNA_F
ClientSampleId :
RBR-54

Tot Ion:	228	Resp:	341912
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.6	38.4
229	22.4	17.1	25.7

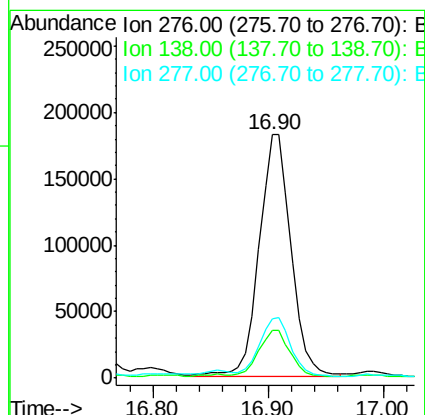
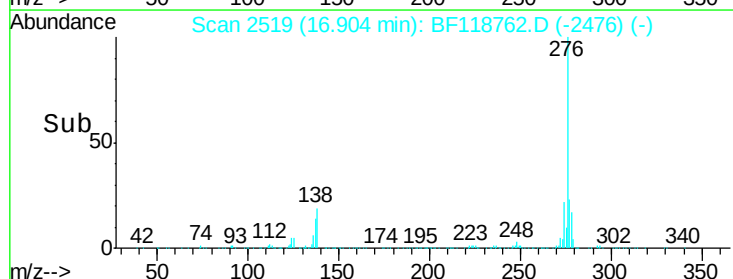
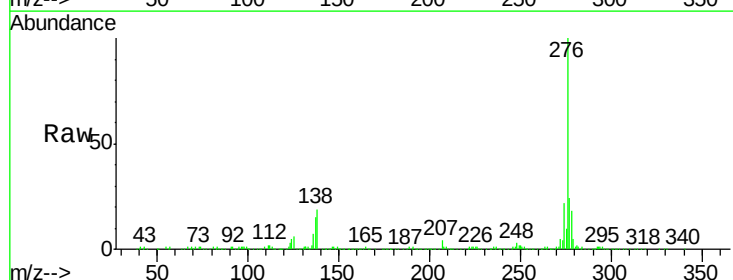
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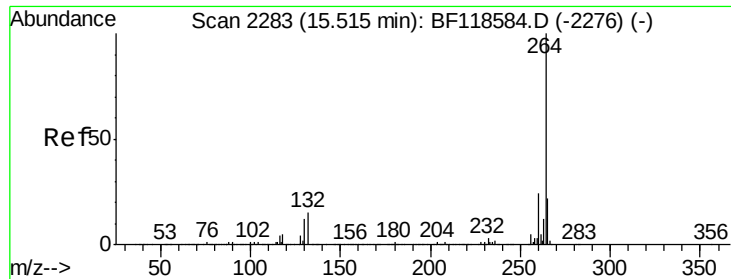
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 10.242 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF118762.D
Acq: 30 Jan 2020 20:14

Tgt Ion:	276	Resp:	352101
Ion Ratio	Lower	Upper	
276	100		
138	19.1	18.2	27.4
277	23.5	20.4	30.6





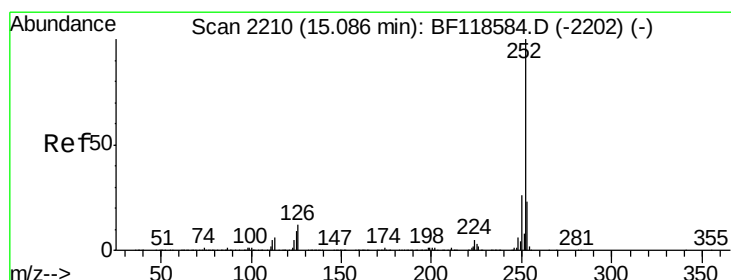
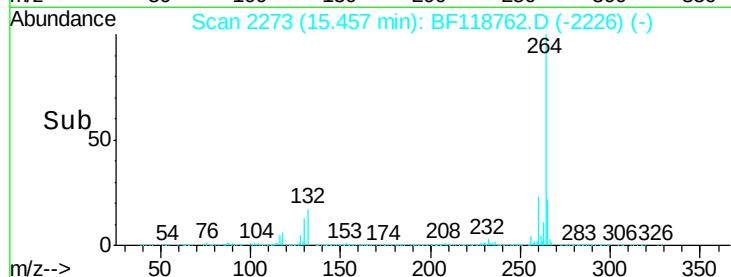
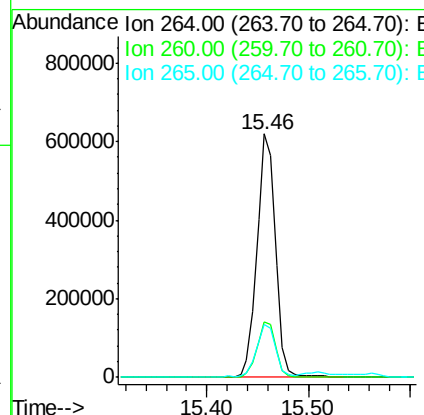
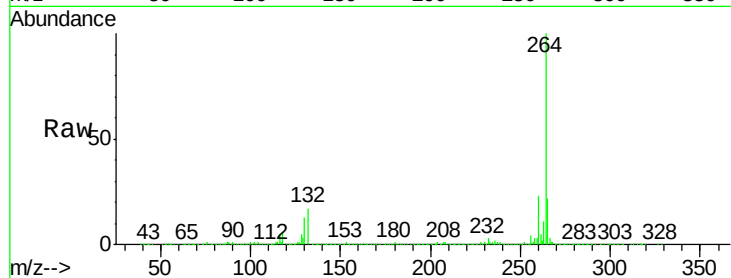
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF118762.D
Acq: 30 Jan 2020 20:14

Instrument :
BNA_F
ClientSampleId :
RBR-54

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.7	17.0	25.6

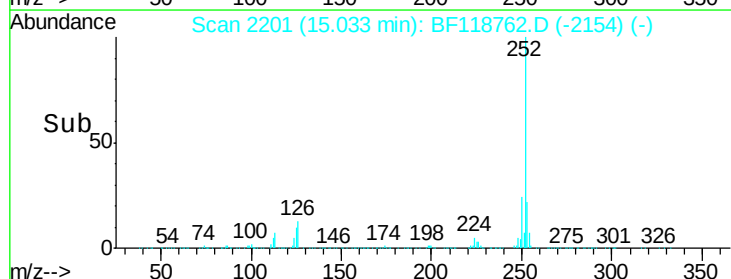
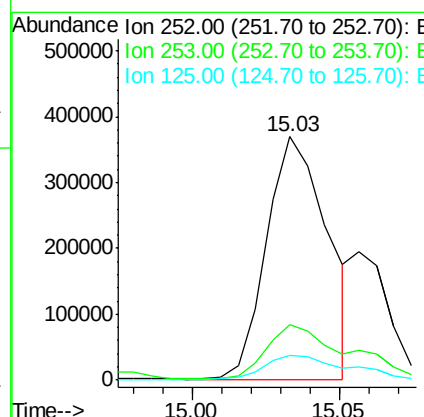
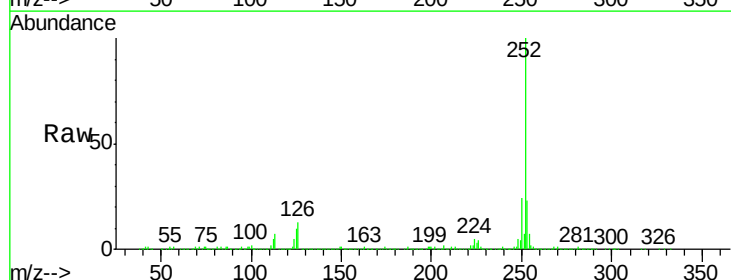
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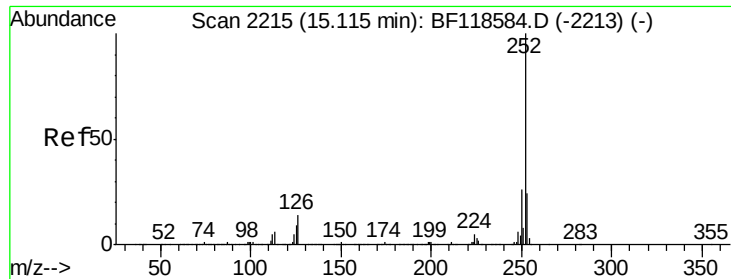
mohammad
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#88
Benzo(b)fluoranthene
Concen: 10.931 ng m
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF118762.D
Acq: 30 Jan 2020 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	10.0	7.7	11.5





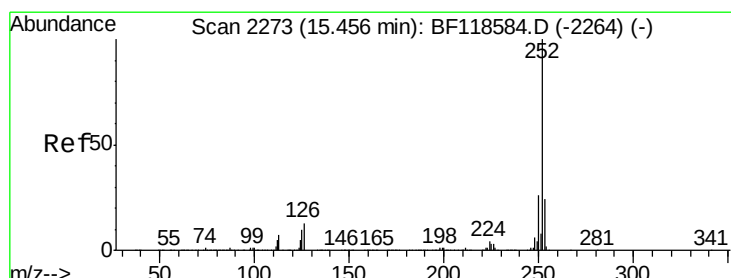
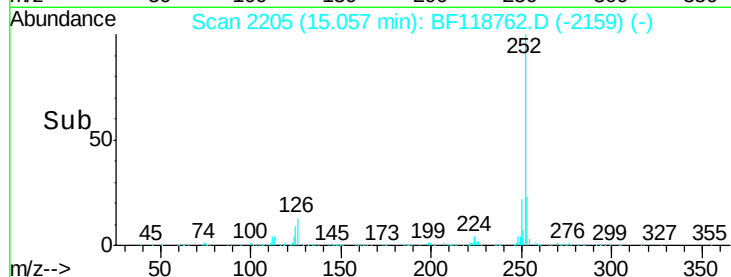
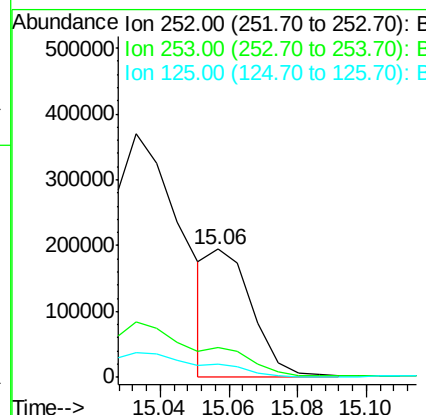
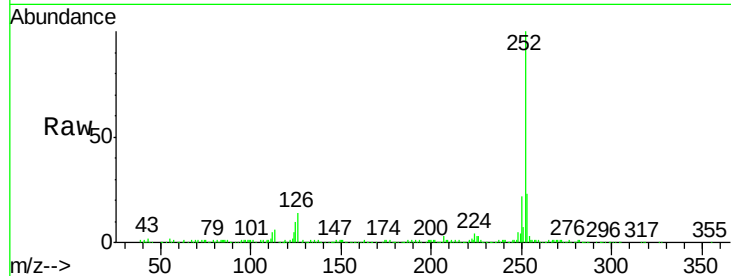
#89
Benzo(k)fluoranthene
Concen: 3.796 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BF118762.D
Acq: 30 Jan 2020 20:14

Instrument :
BNA_F
ClientSampled :
RBR-54

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	10.0	8.1	12.1

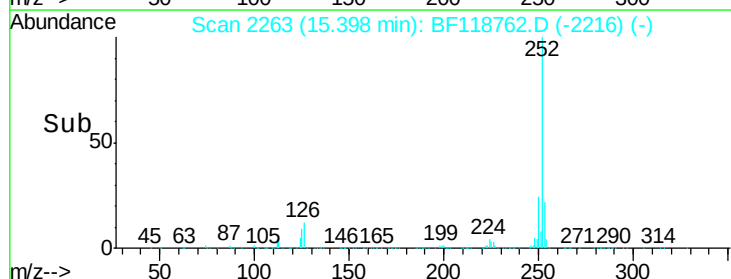
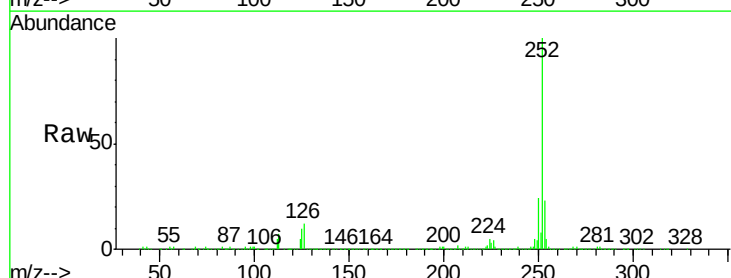
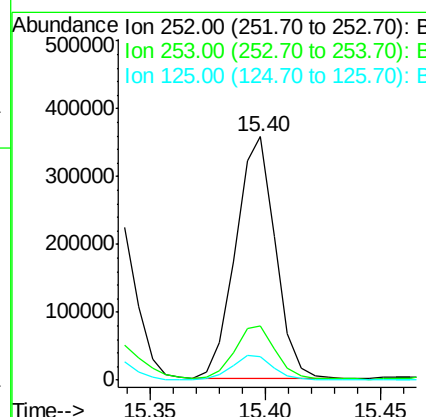
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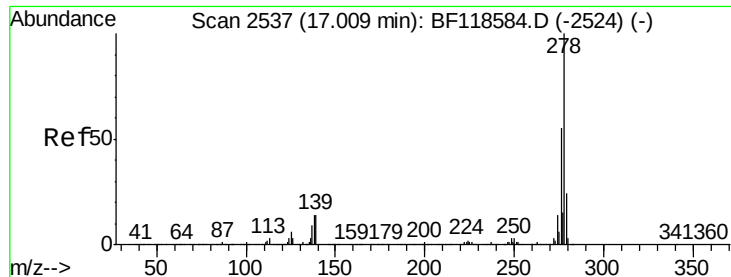
mohammad
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#90
Benzo(a)pyrene
Concen: 10.065 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.02 min
Lab File: BF118762.D
Acq: 30 Jan 2020 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	9.6	8.3	12.5





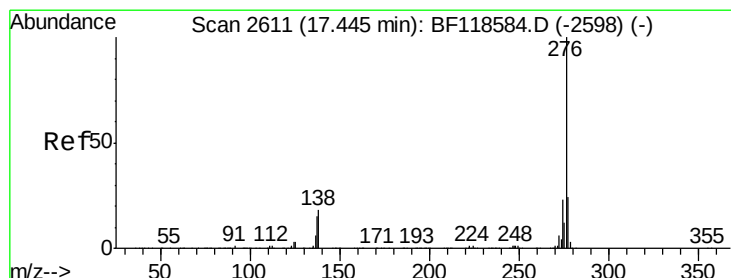
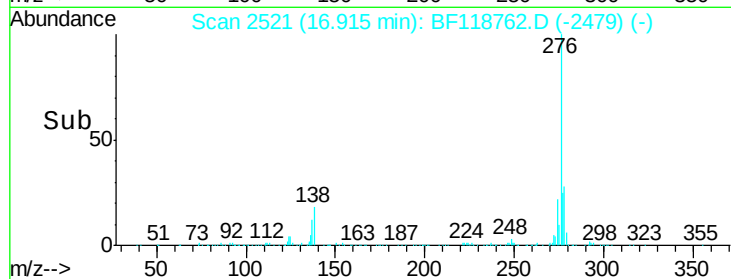
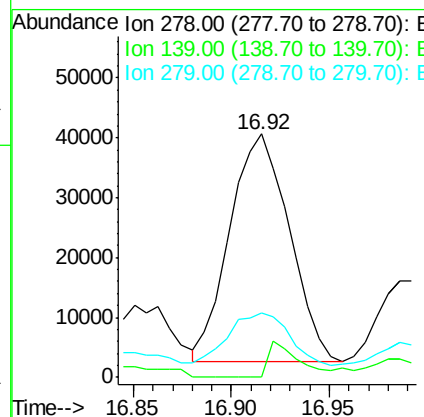
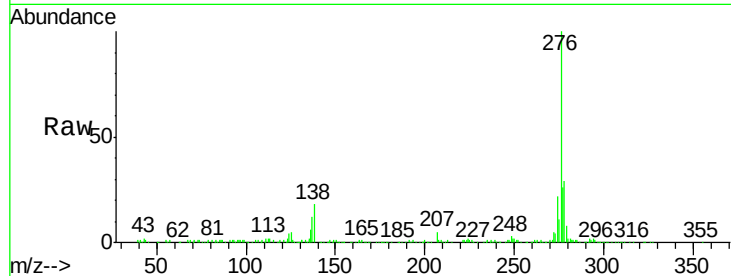
#91
Dibenzo(a,h)anthracene
Concen: 2.146 ng m
RT: 16.92 min Scan# 2521
Delta R.T. -0.05 min
Lab File: BF118762.D
Acq: 30 Jan 2020 20:14

Instrument :
BNA_F
ClientSampled :
RBR-54

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.8	17.6#
279	26.6	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 10.233 ng
RT: 17.34 min Scan# 2594
Delta R.T. -0.05 min
Lab File: BF118762.D
Acq: 30 Jan 2020 20:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.6
138	20.5	15.4	23.2

