

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
 Data File : BF118837.D
 Acq On : 6 Feb 2020 15:18
 Operator : CG/JU
 Sample : L1408-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-PATH-BH-03-B

Manual Integrations
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mohammad
 2/10/2020 8:10:49 AM

Quant Time: Feb 06 17:35:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	230998	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	863059	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	505591	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	975566	20.00	ng	0.00
76) Chrysene-d12	13.97	240	722123	20.00	ng	-0.01
87) Perylene-d12	15.42	264	757339	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1249746	102.41	ng	0.00
7) Phenol-d6	6.45	99	1518260	100.23	ng	0.00
23) Nitrobenzene-d5	7.37	82	978083	67.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	616697	101.94	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2097046	74.15	ng	-0.01
79) Terphenyl-d14	12.92	244	2675552	76.10	ng	-0.01
Target Compounds						
10) Phenol	6.46	94	52371	3.109	ng	92
50) Dimethylphthalate	9.56	163	158627	4.608	ng	97
71) Phenanthrene	11.35	178	188013	3.917	ng	97
75) Fluoranthene	12.54	202	269476	5.142	ng	99
78) Pyrene	12.77	202	276690	5.585	ng	97
81) Benzo(a)anthracene	13.96	228	130897	3.046	ng	95
83) Chrysene	13.99	228	132172	3.065	ng	97
88) Benzo(b)fluoranthene	14.99	252	164107m	3.492	ng	
90) Benzo(a)pyrene	15.35	252	122061	3.035	ng	98
92) Benzo(g,h,i)perylene	17.27	276	82586	2.405	ng	98

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

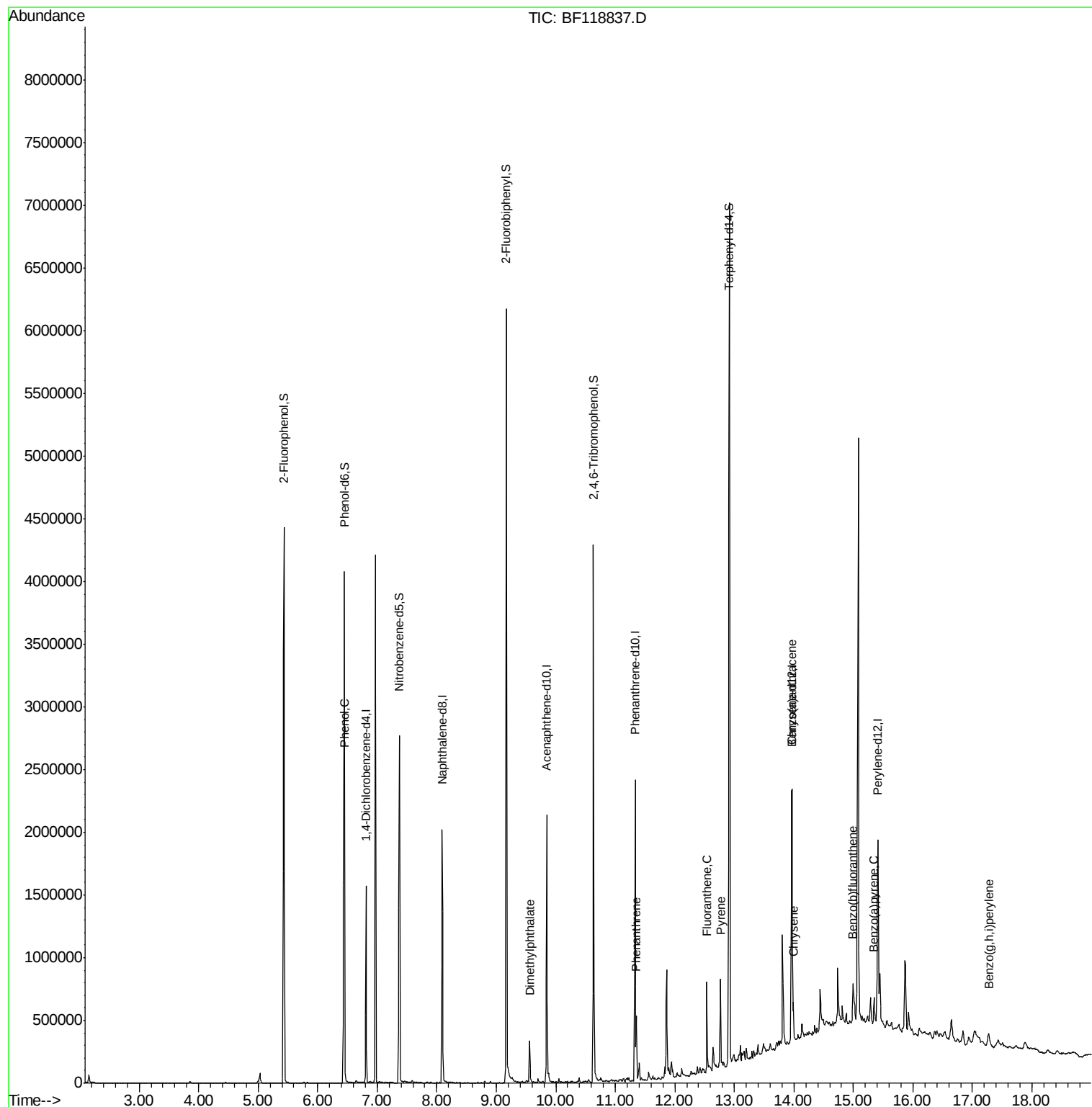
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118837.D
Acq On : 6 Feb 2020 15:18
Operator : CG/JU
Sample : L1408-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

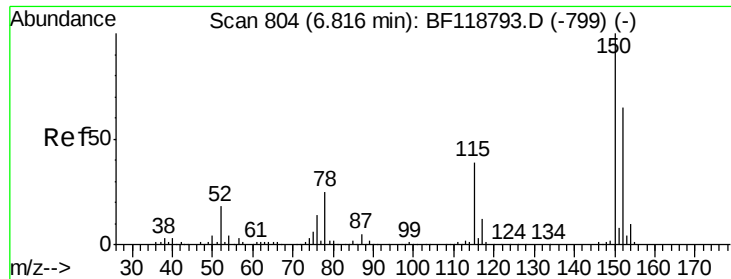
Instrument :
BNA_F
ClientSampleId :
SHORE-RD-PATH-BH-03-B

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2/10/2020 8:10:49 AM

Quant Time: Feb 06 17:35:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration





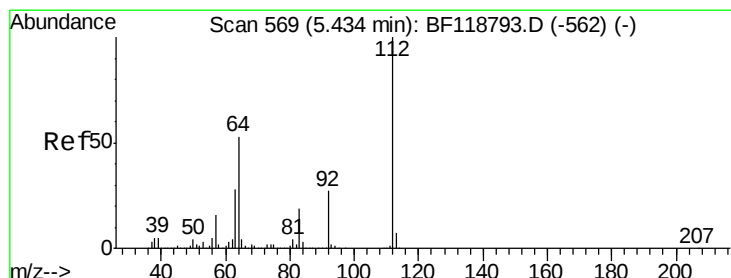
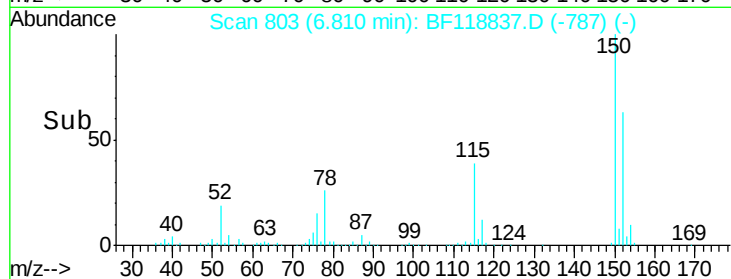
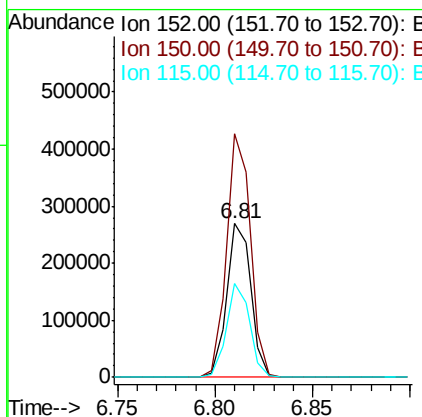
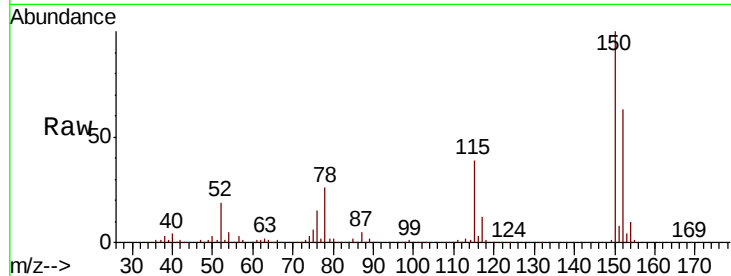
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF118837.D
 Acq: 6 Feb 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-PATH-BH-03-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.6	185.4
115	61.4	48.2	72.2

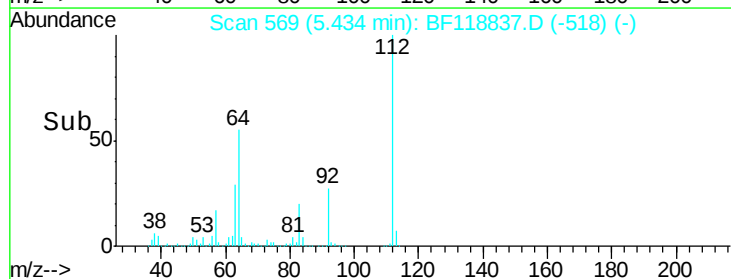
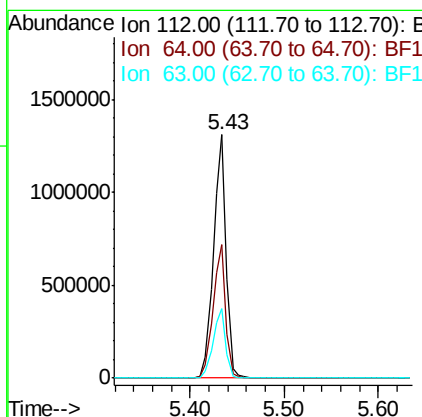
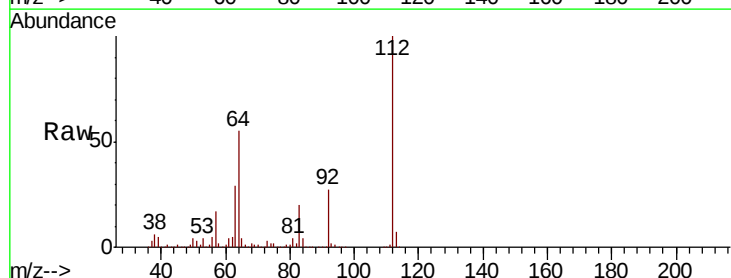
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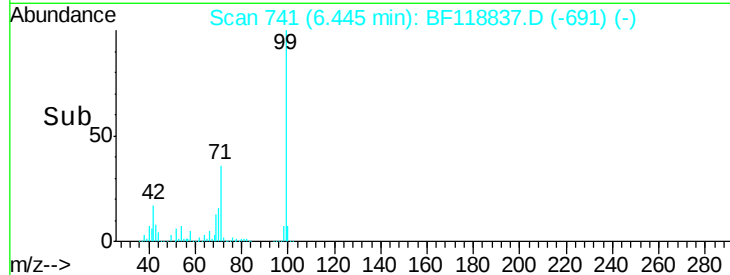
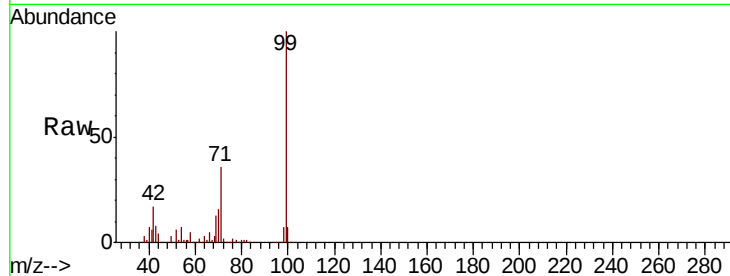
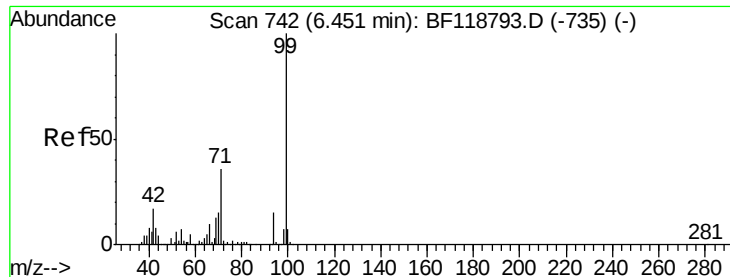
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#5
 2-Fluorophenol
 Concen: 102.411 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF118837.D
 Acq: 6 Feb 2020 15:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	42.6	63.8
63	28.7	22.2	33.4





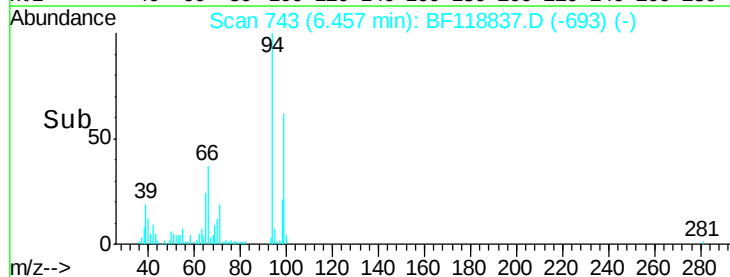
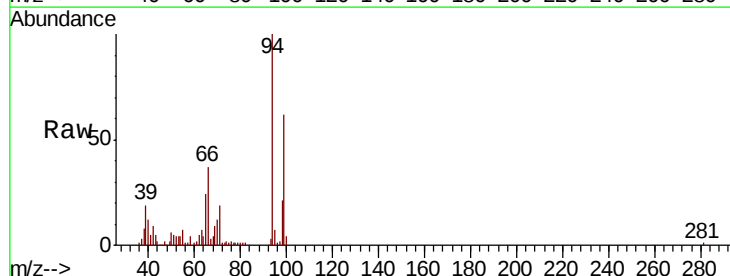
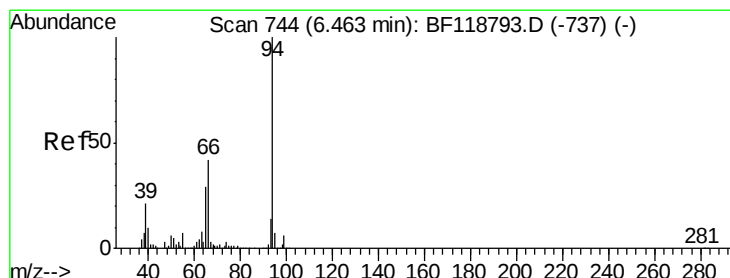
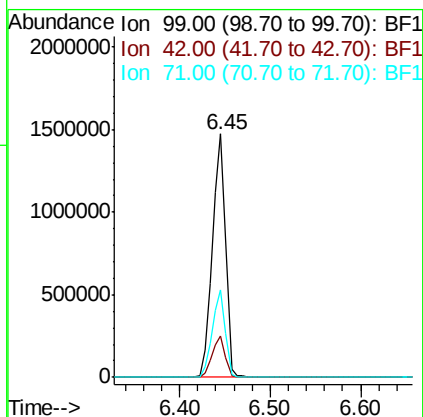
#7
Phenol-d6
Concen: 100.225 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Tot Ion	99	Resp	1518260
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.4	20.0
71	36.1	29.0	43.6

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-PATH-BH-03-B

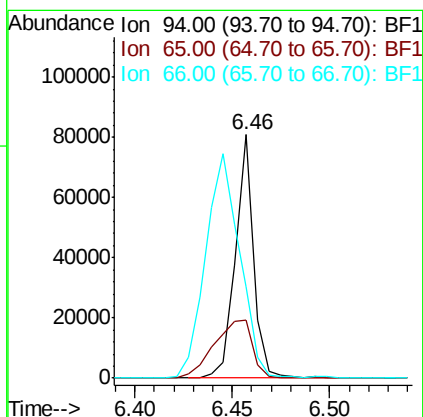
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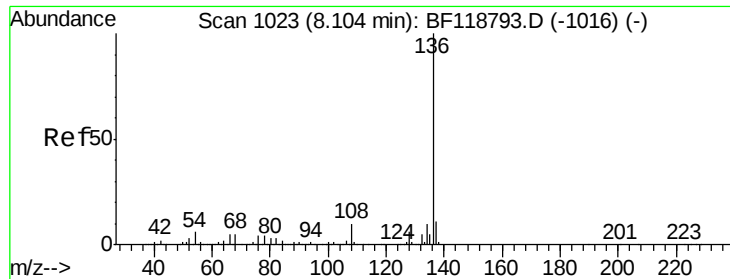
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#10
Phenol
Concen: 3.109 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Tgt Ion	94	Resp	52371
Ion	Ratio	Lower	Upper
94	100		
65	23.9	9.1	49.1
66	37.5	21.7	61.7





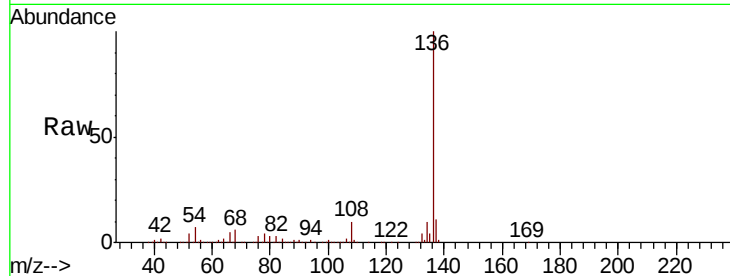
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-PATH-BH-03-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100	863059		
137	11.2	8.7	13.1	
54	6.8	5.0	7.6	
68	6.0	4.2	6.4	

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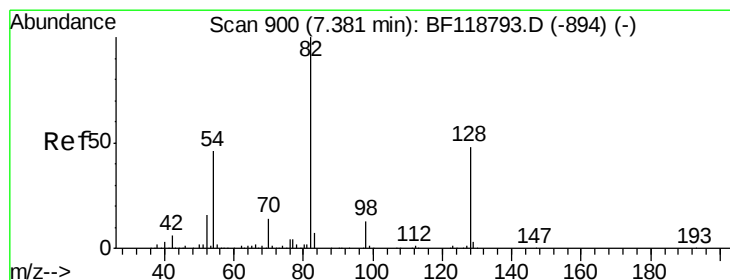
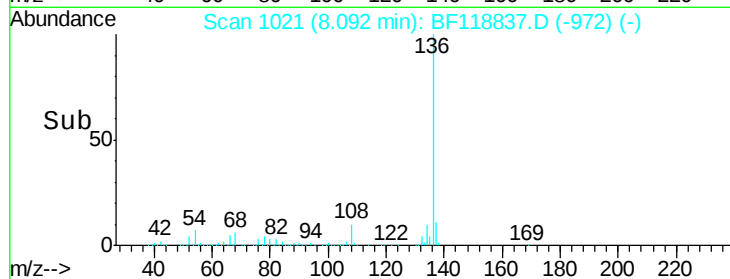
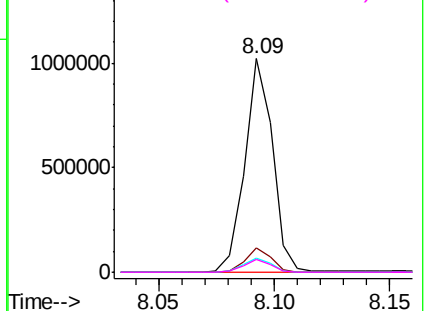
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

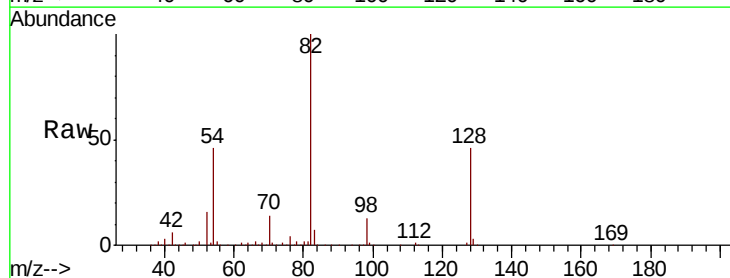
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 67.549 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	978083		
128	46.2	38.5	57.7	
54	45.8	36.7	55.1	

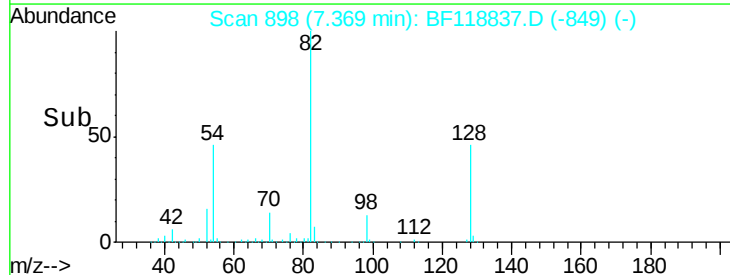
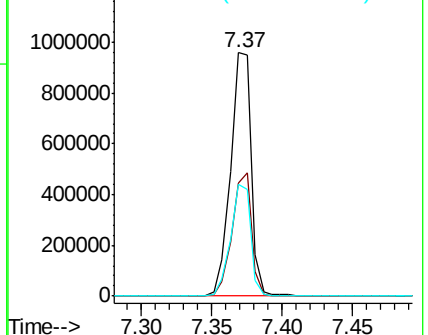


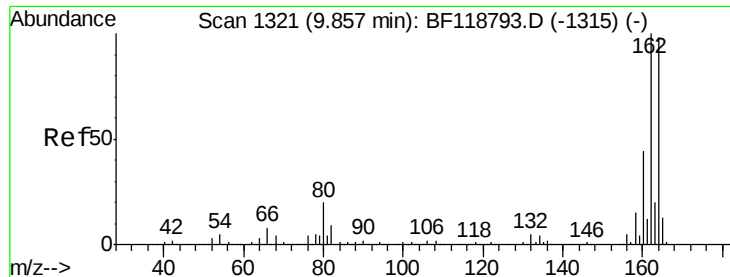
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





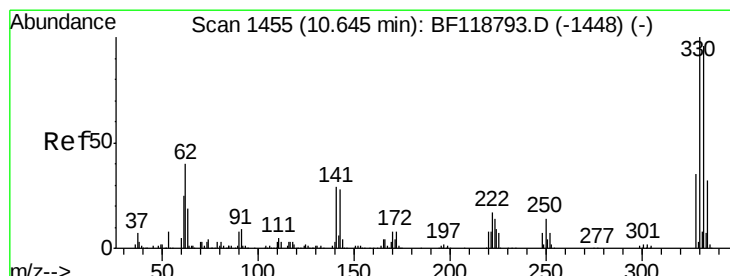
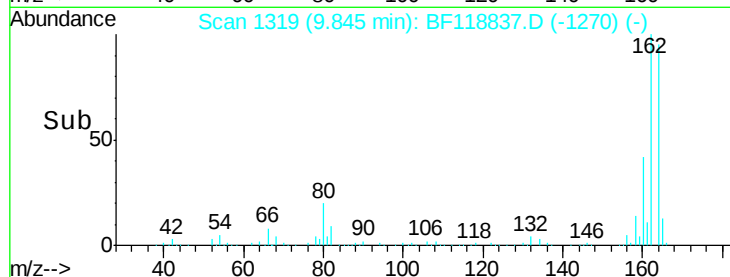
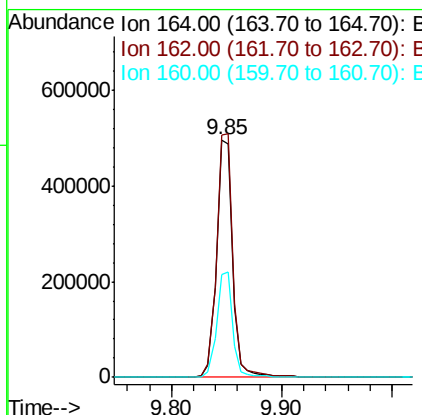
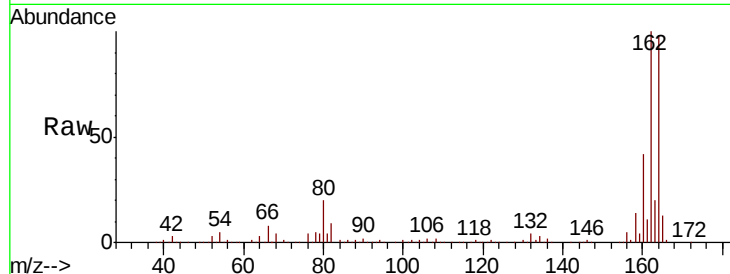
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-PATH-BH-03-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	81.4	122.2	
160	43.3	35.6	53.4	

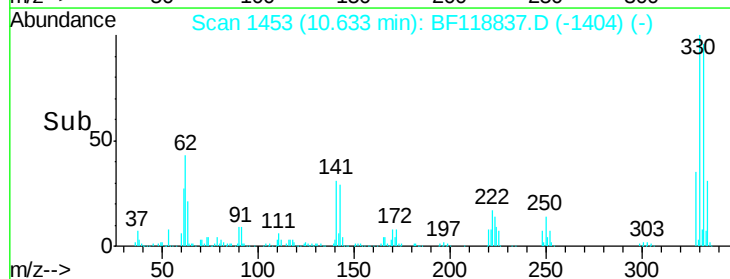
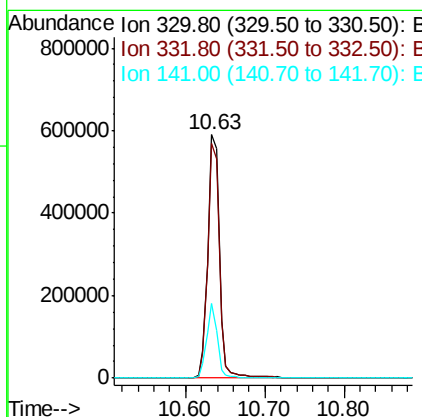
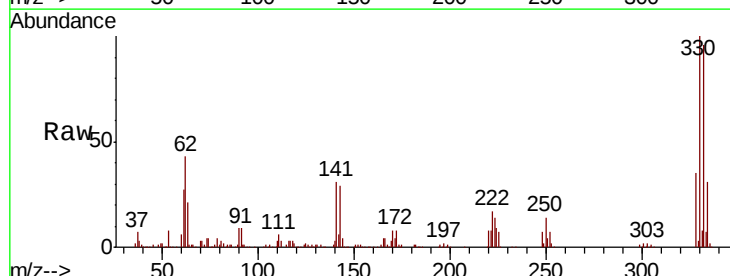
Manual Integrations
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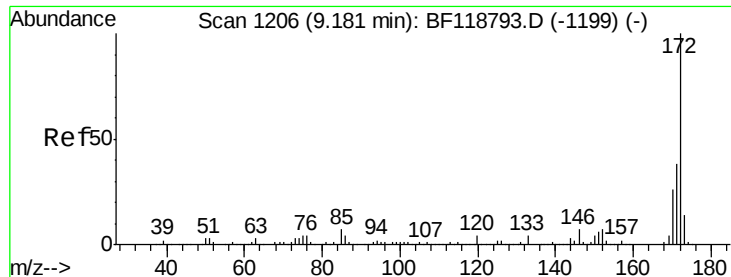
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#42
2,4,6-Tribromophenol
Concen: 101.941 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.3	115.9	
141	28.3	22.4	33.6	





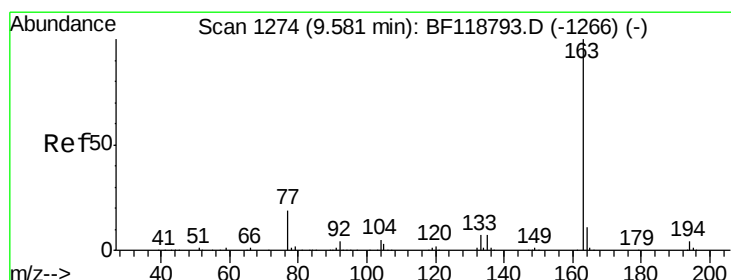
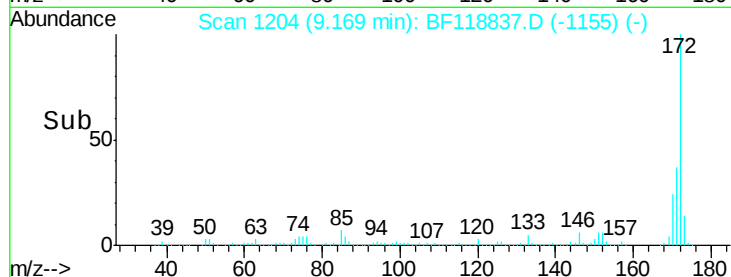
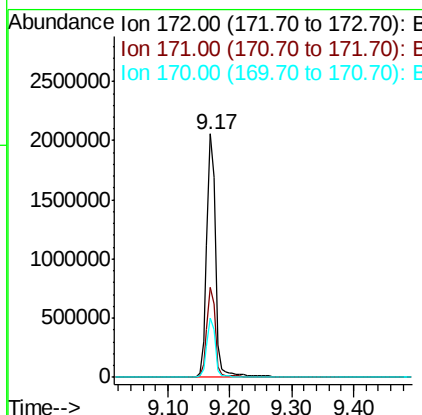
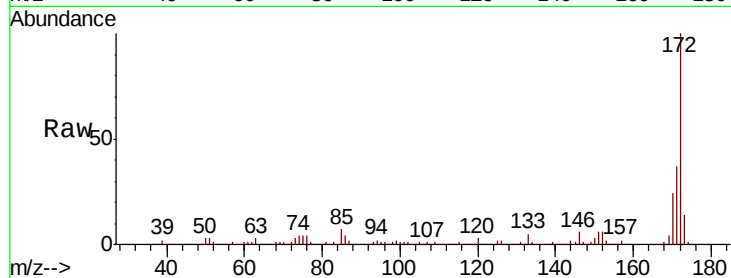
#45
2-Fluorobiphenyl
Concen: 74.148 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-PATH-BH-03-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	24.3	20.5	30.7

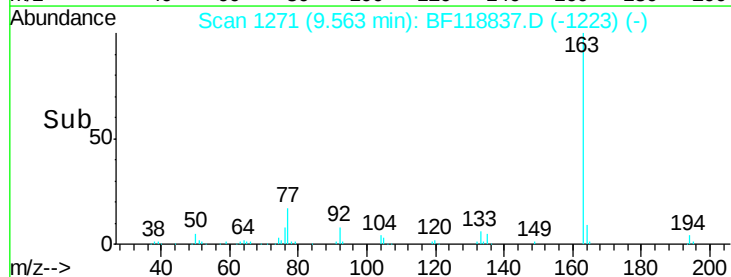
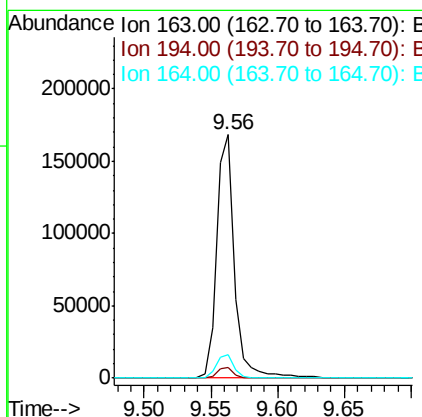
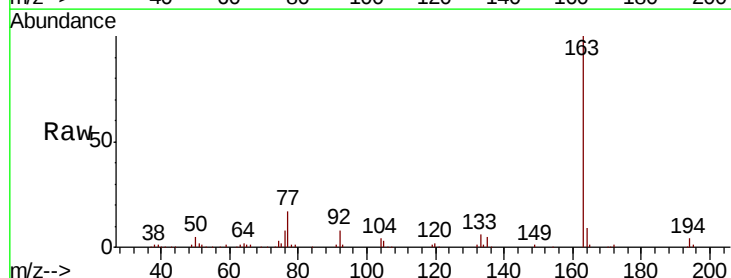
Manual Integrations
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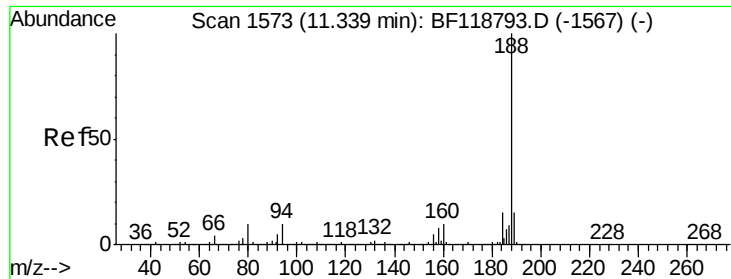
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#50
Dimethylphthalate
Concen: 4.608 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	9.5	8.7	13.1





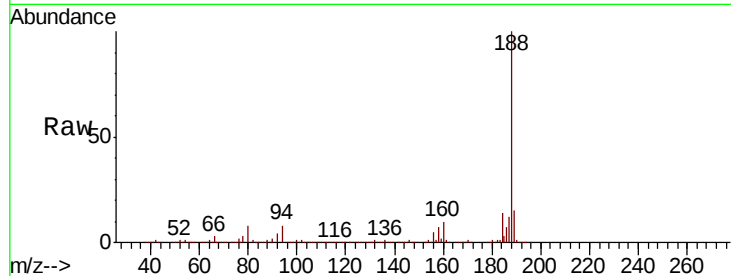
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-PATH-BH-03-B

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	7.9	11.9
80	8.4	8.4	12.6

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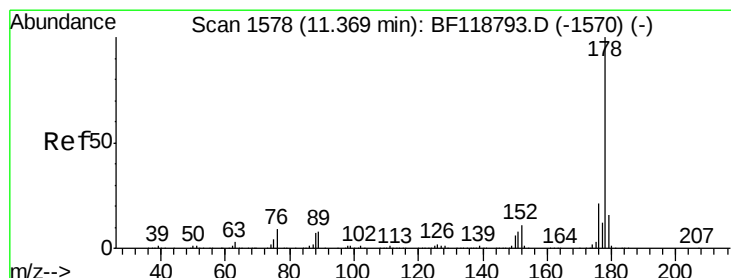
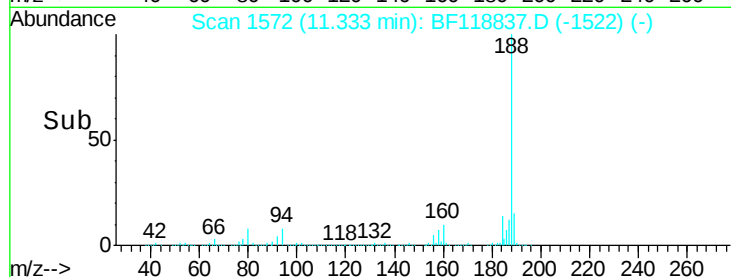
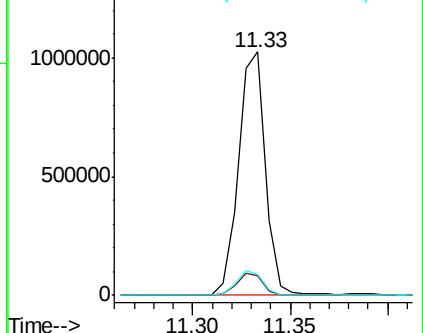
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Abundance Ion 188.00 (187.70 to 188.70): E

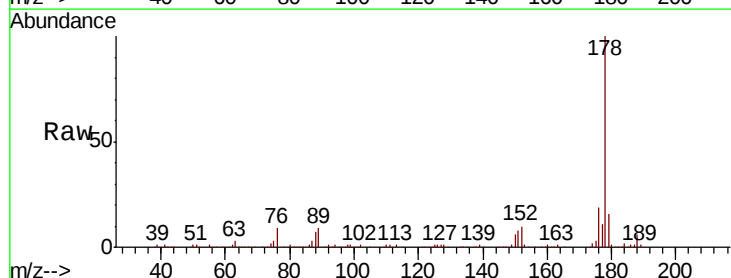
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71
Phenanthrene
Concen: 3.917 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

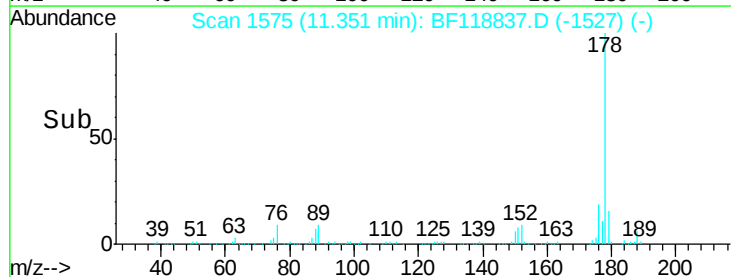
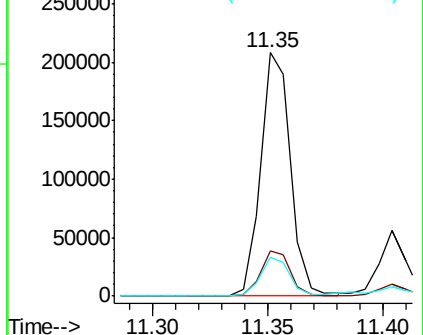
Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.8	16.6	24.8
179	15.7	13.2	19.8

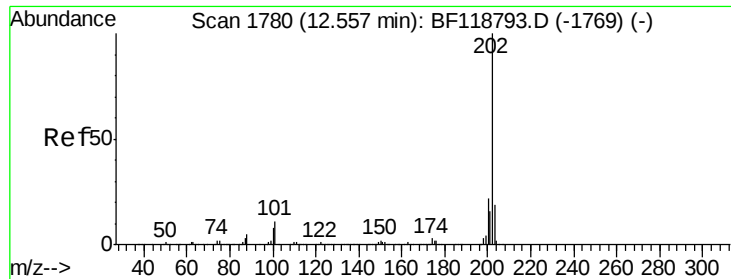


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 5.142 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.02 min

Lab File: BF118837.D

Acq: 6 Feb 2020 15:18

Instrument :

BNA_F

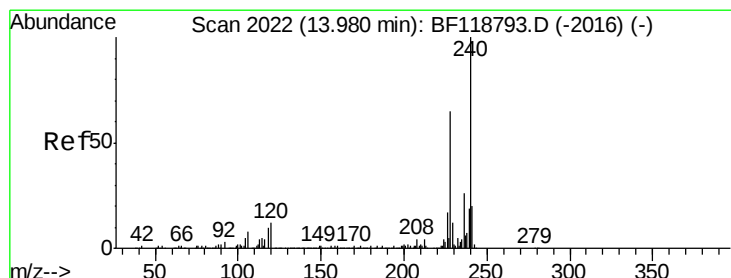
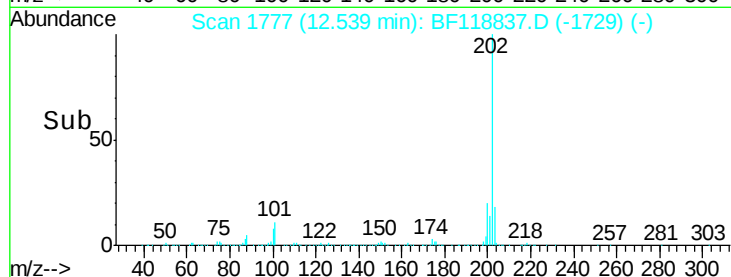
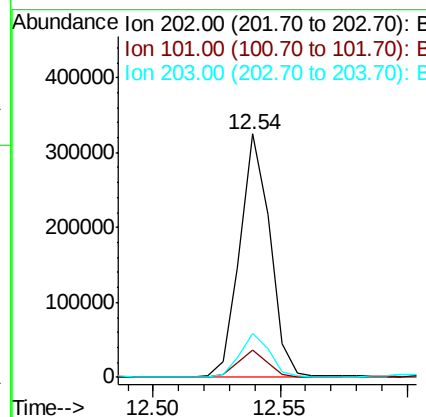
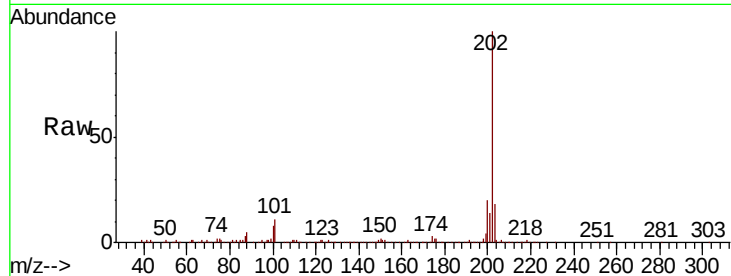
ClientSampleId :

SHORE-RD-PATH-BH-03-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.1	0.0	31.0		
203	17.9	0.0	38.7		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

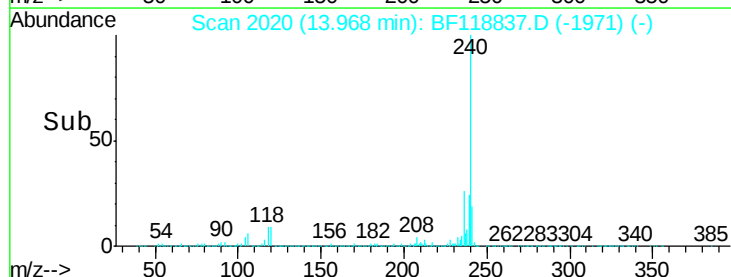
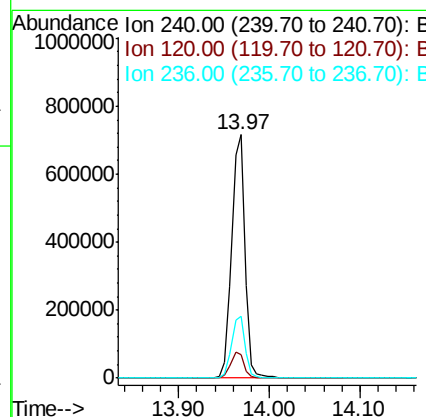
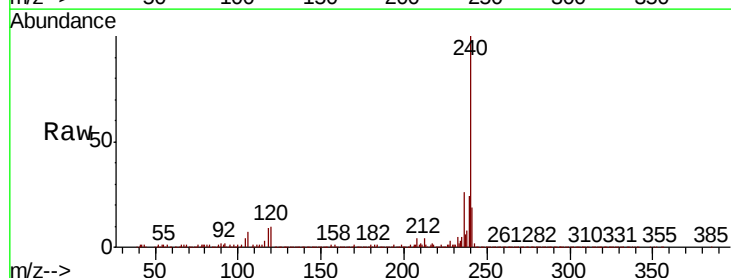
RT: 13.97 min Scan# 2020

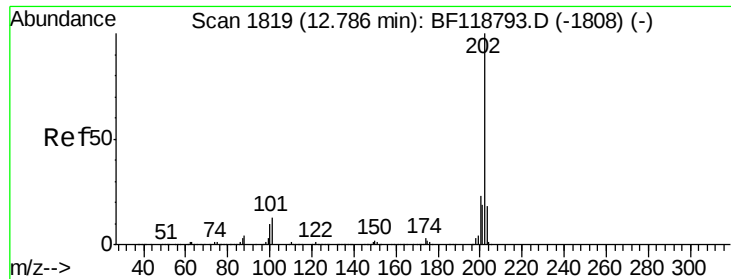
Delta R.T. -0.01 min

Lab File: BF118837.D

Acq: 6 Feb 2020 15:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	9.5	9.4	14.0		
236	25.6	21.0	31.6		





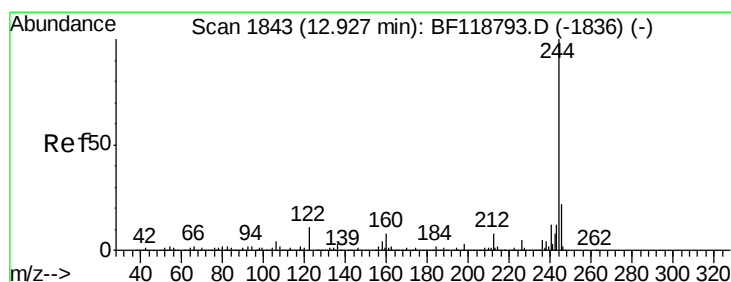
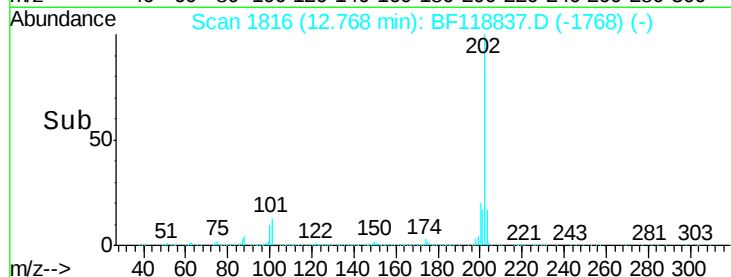
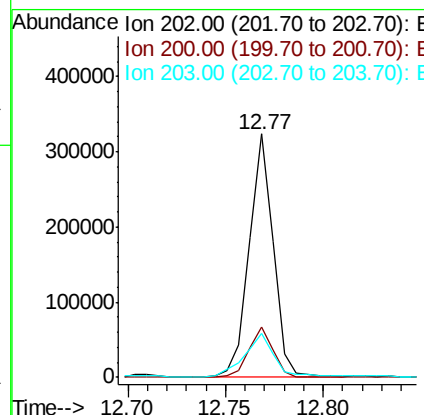
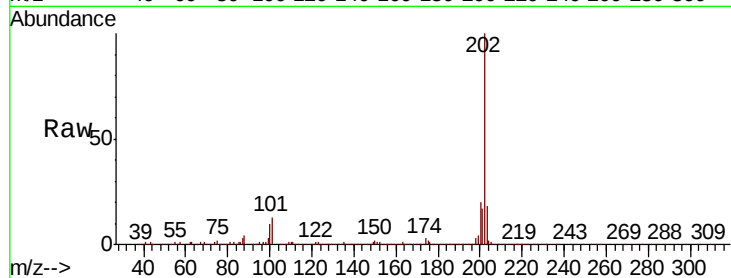
#78
Pvrene
Concen: 5.585 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-PATH-BH-03-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	18.2	27.2
203	17.8	14.8	22.2

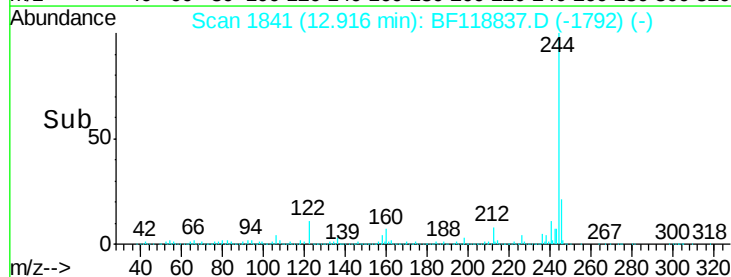
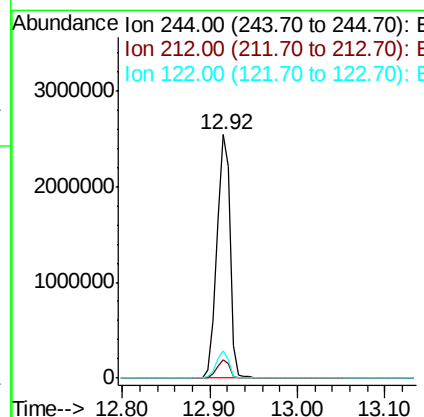
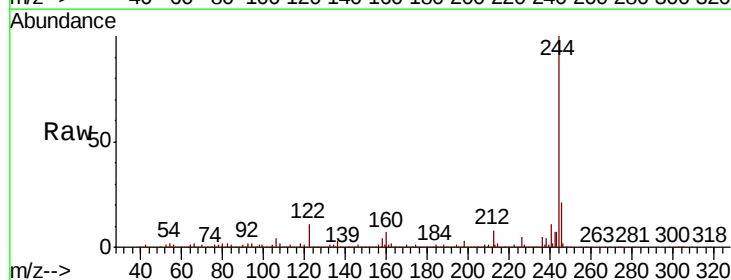
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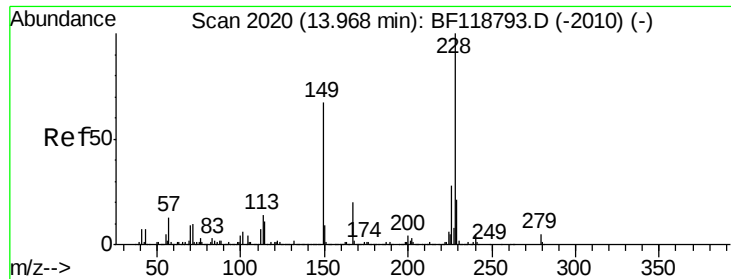
mohammad
2/10/2020 8:10:49 AM



#79
Terphenyl-d14
Concen: 76.105 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	11.0	8.9	13.3





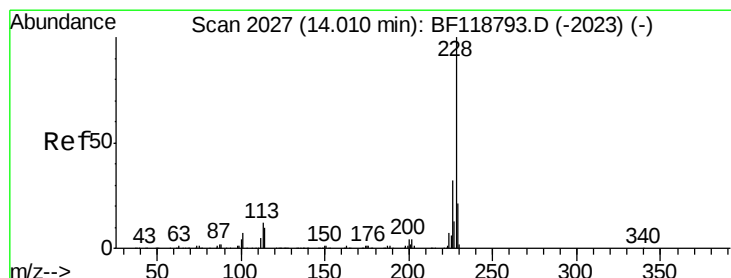
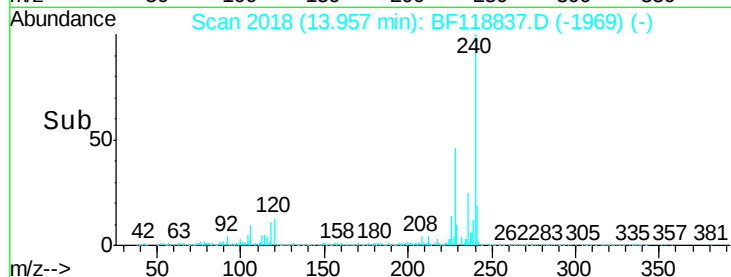
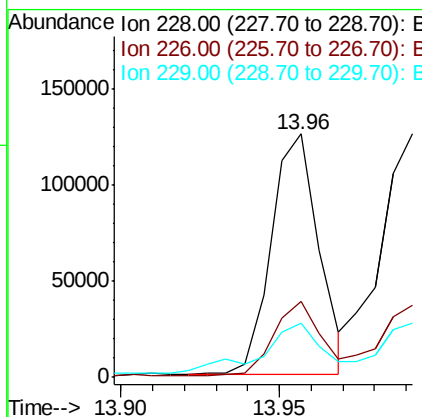
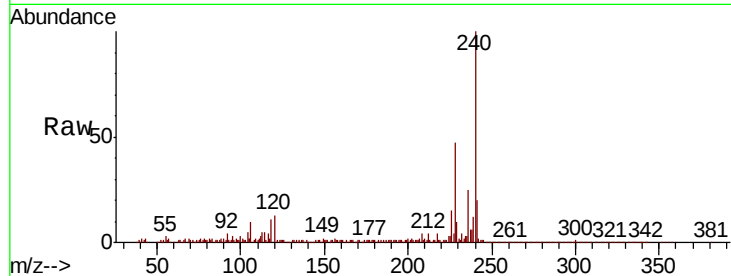
#81
Benzo(a)anthracene
Concen: 3.046 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-PATH-BH-03-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.7	34.1
229	22.2	16.6	25.0

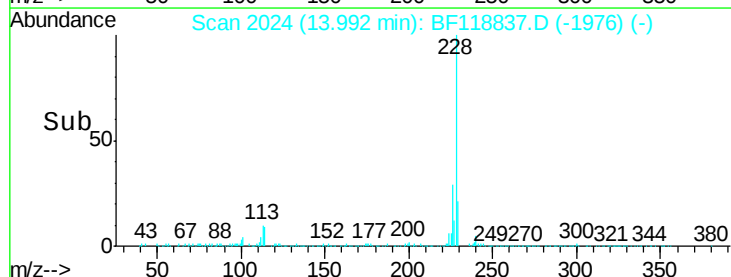
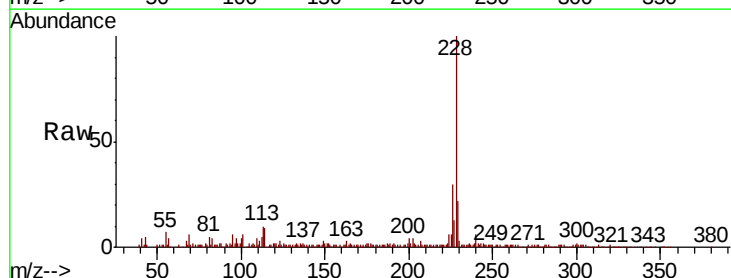
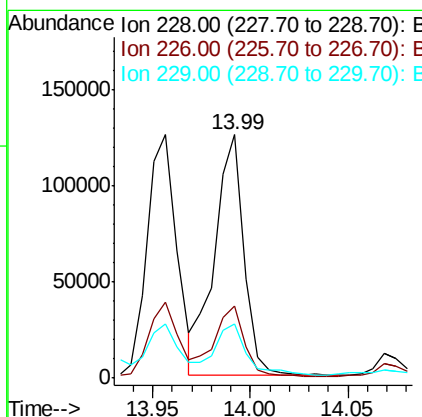
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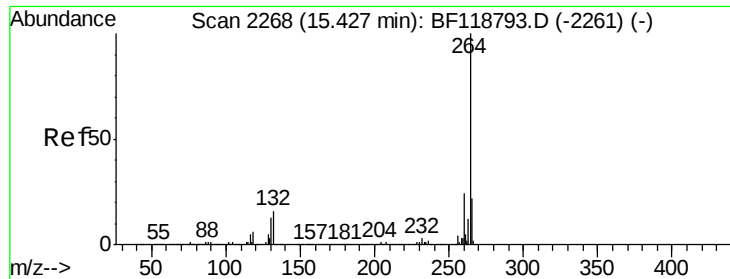
mohammad
2/10/2020 8:10:49 AM



#83
Chrysene
Concen: 3.065 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.4	38.0
229	22.3	16.9	25.3





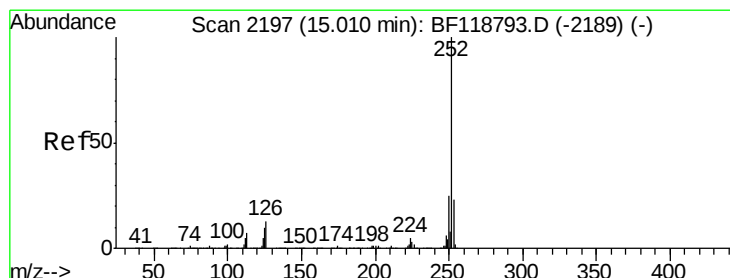
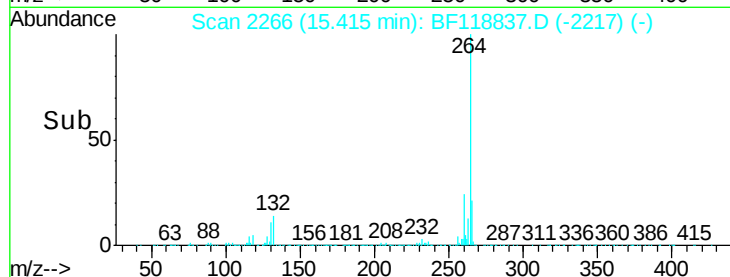
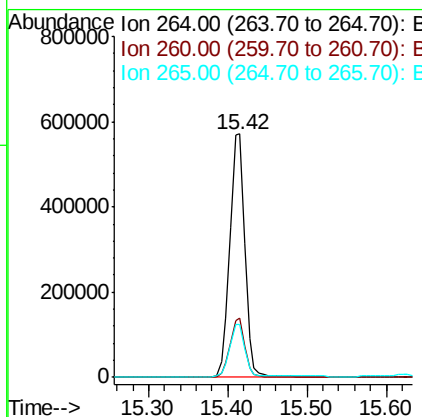
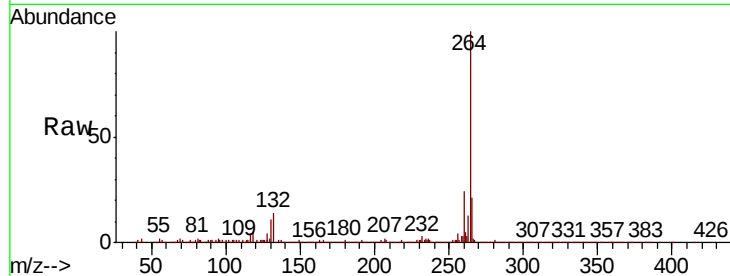
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-PATH-BH-03-B

Tot Ion:	264	Resp:	757339
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.1	28.7
265	21.5	17.2	25.8

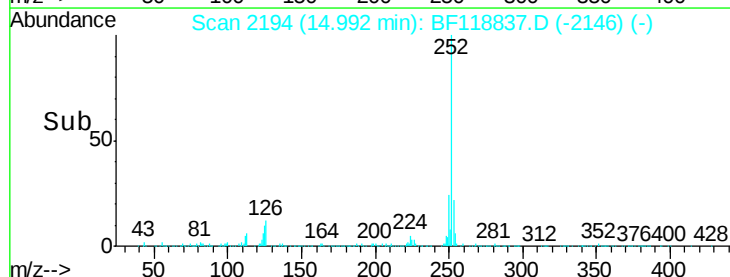
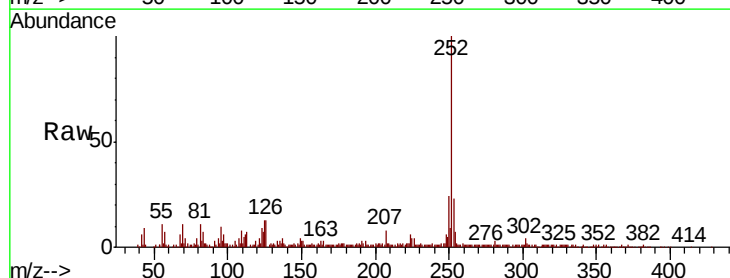
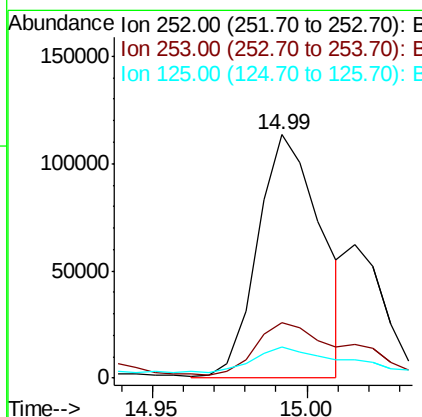
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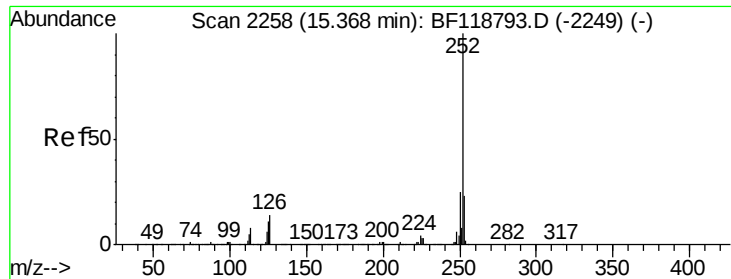
mohammad
2/10/2020 8:10:49 AM



#88
Benzo(b)fluoranthene
Concen: 3.492 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Tgt Ion:	252	Resp:	164107
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.4	27.6
125	12.8	8.1	12.1#





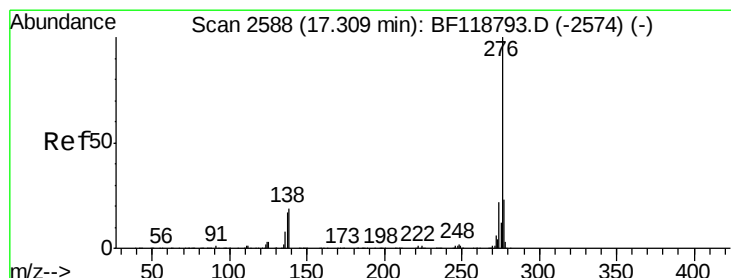
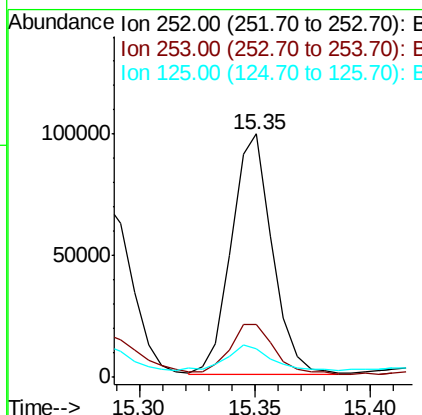
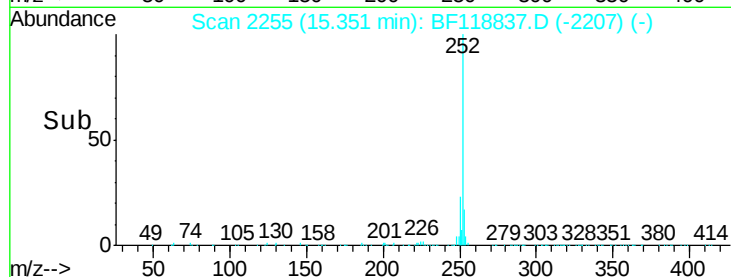
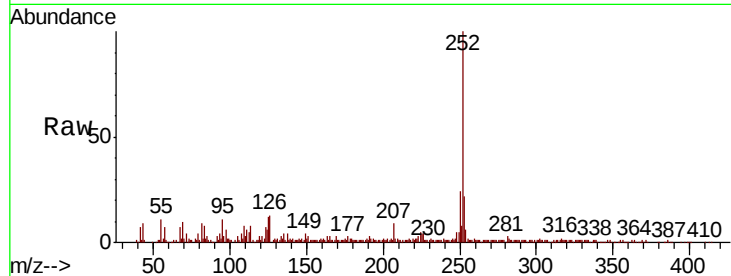
#90
Benzo(a)pyrene
Concen: 3.035 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-PATH-BH-03-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.6	8.7	13.1

Manual Integrations
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mohammad
2/10/2020 8:10:49 AM



#92
Benzo(g,h,i)perylene
Concen: 2.405 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.04 min
Lab File: BF118837.D
Acq: 6 Feb 2020 15:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	21.0	15.4	23.2

