

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
 Data File : BF118832.D
 Acq On : 6 Feb 2020 10:46
 Operator : CG/JU
 Sample : L1388-01DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOTE-COMPD

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:10:41 AM

Quant Time: Feb 07 10:54:52 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	222473	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	880367	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	504046	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1013952	20.00	ng	0.00
76) Chrysene-d12	13.97	240	914307	20.00	ng	-0.01
87) Perylene-d12	15.41	264	881051	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	219817	18.70	ng	-0.01
7) Phenol-d6	6.44	99	174086	11.93	ng	-0.01
23) Nitrobenzene-d5	7.37	82	248628	16.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	161012	26.70	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	576573	20.45	ng	-0.01
79) Terphenyl-d14	12.91	244	955825	21.47	ng	-0.02
Target Compounds						
10) Phenol	6.46	94	955554	58.904	ng	93
17) 2-Methylphenol	7.06	107	157261	14.450	ng	98
20) 3+4-Methylphenols	7.22	107	555567	40.725	ng	# 63
27) 2,4-Dimethylphenol	7.76	122	49821	4.665	ng	# 93
31) Naphthalene	8.12	128	3707180	92.071	ng	97
37) 2-Methylnaphthalene	8.81	142	583613	20.899	ng	98
38) 1-Methylnaphthalene	8.90	142	348825	13.279	ng	100
46) 1,1'-Biphenyl	9.27	154	208933	5.992	ng	97
52) Acenaphthene	9.88	154	822864	29.837	ng	99
55) Dibenzofuran	10.05	168	752586	18.883	ng	97
58) Fluorene	10.39	166	666272	22.221	ng	99
71) Phenanthrene	11.36	178	1240608	24.868	ng	98
72) Anthracene	11.40	178	108826m	2.193	ng	
73) Carbazole	11.56	167	437385	10.042	ng	97
75) Fluoranthene	12.54	202	219337	4.027	ng	99

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

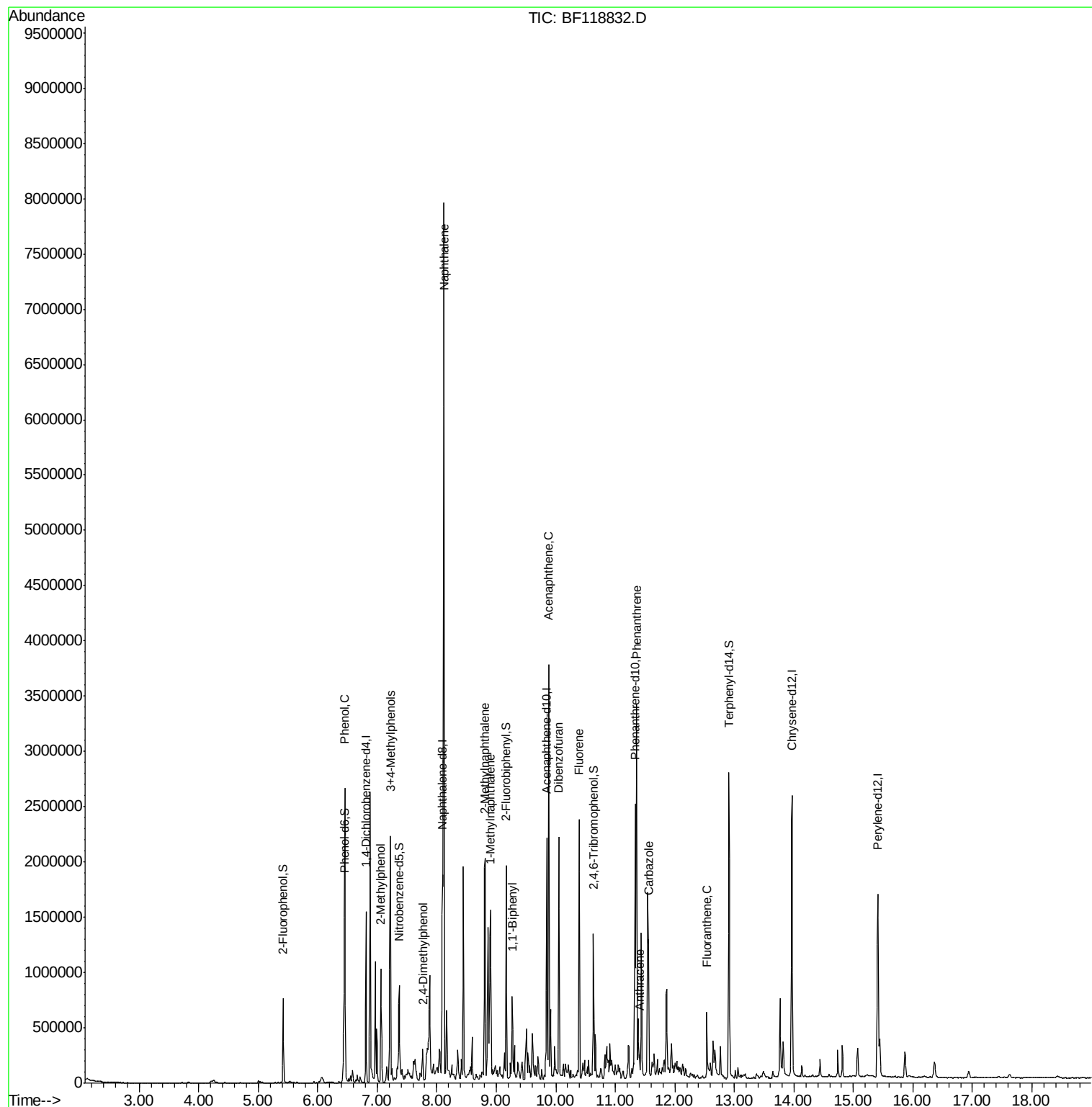
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118832.D
Acq On : 6 Feb 2020 10:46
Operator : CG/JU
Sample : L1388-01DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

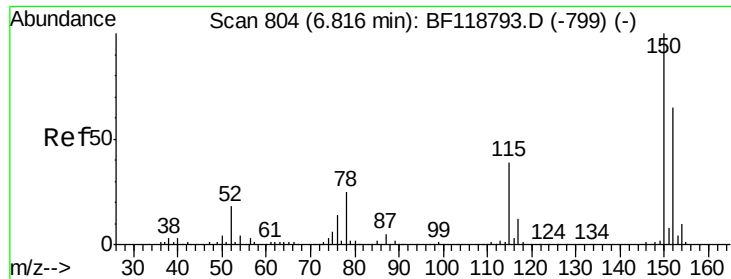
Instrument :
BNA_F
ClientSampleId :
TOTE-COMPDL

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2/10/2020 8:10:41 AM

Quant Time: Feb 07 10:54:52 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

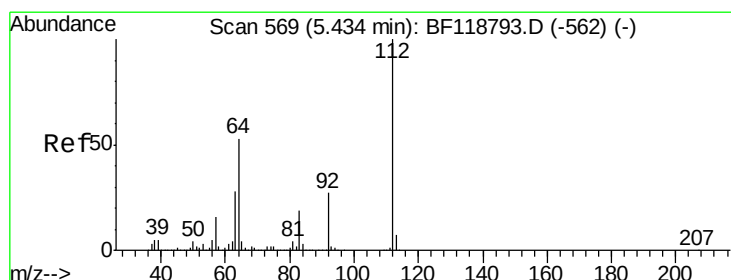
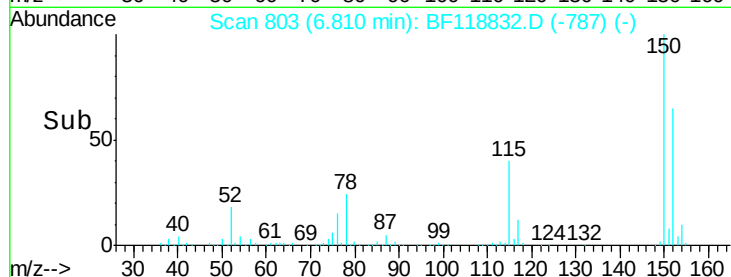
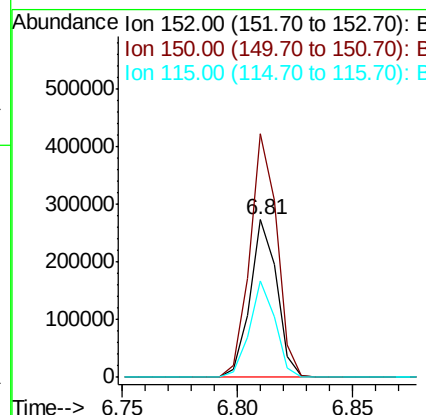
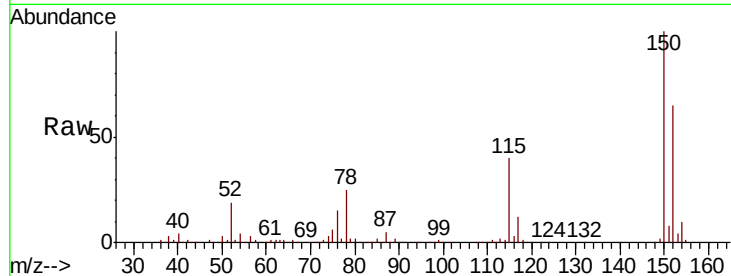
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Instrument :
BNA_F
ClientSampleId :
TOTE-COMPD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.6	185.4
115	61.3	48.2	72.2

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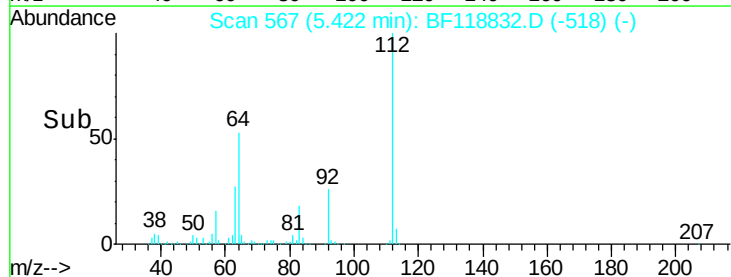
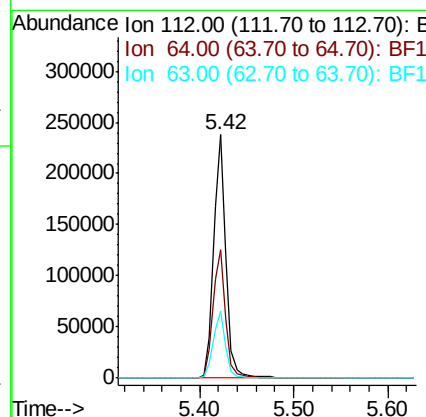
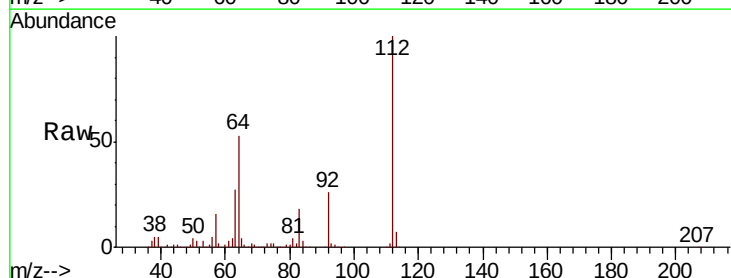
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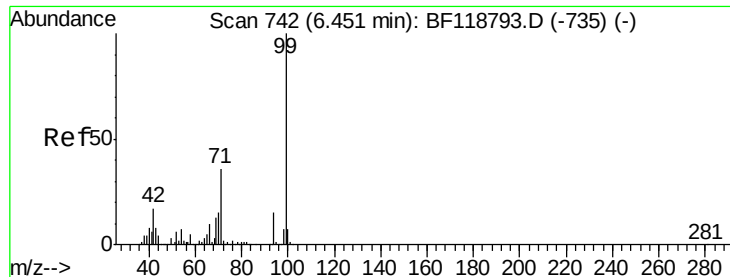


#5

2-Fluorophenol
Concen: 18.703 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.6	63.8
63	27.3	22.2	33.4





#7

Phenol-d6

Concen: 11.932 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118832.D

Acq: 6 Feb 2020 10:46

Instrument :

BNA_F

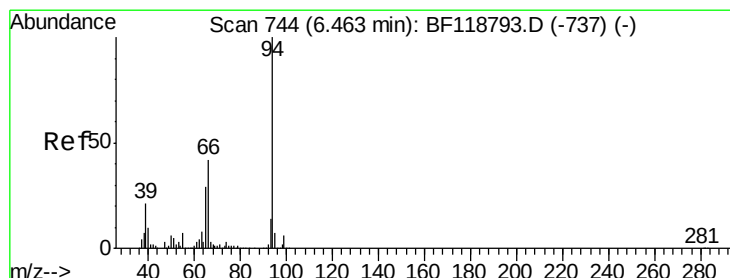
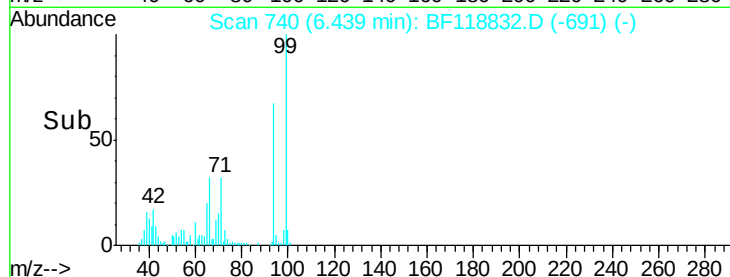
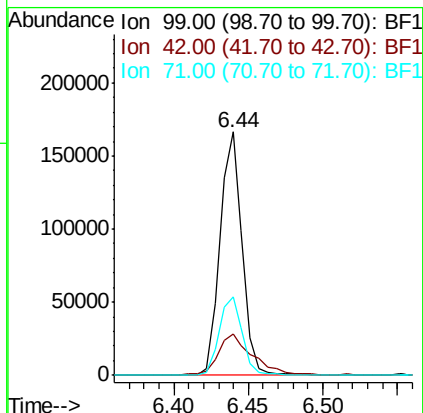
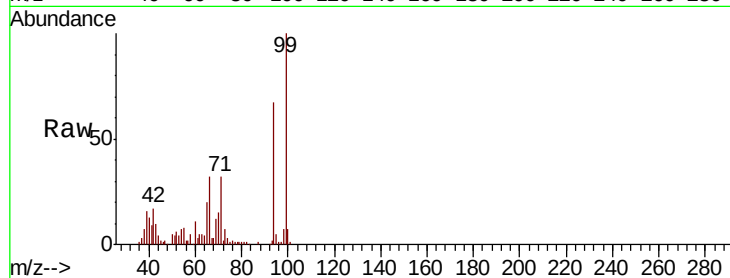
ClientSampleId :

TOTE-COMPD

Tot Ion:	99	Resp:	174086
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.4	20.0
71	32.4	29.0	43.6

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#10

Phenol

Concen: 58.904 ng

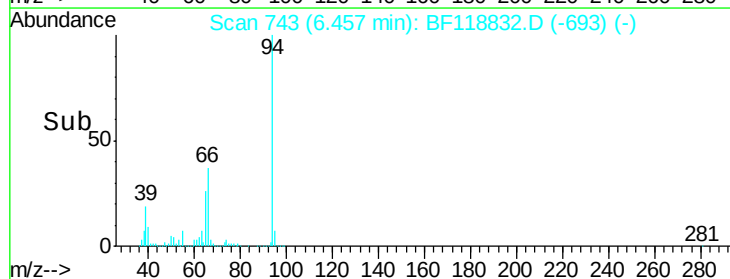
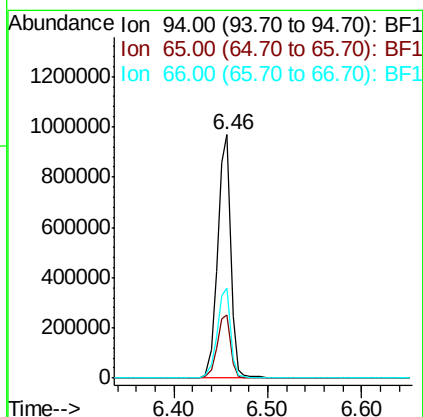
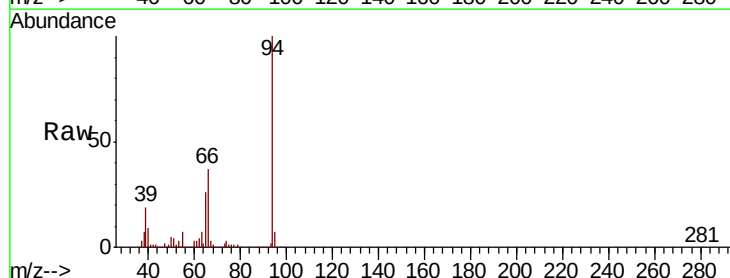
RT: 6.46 min Scan# 743

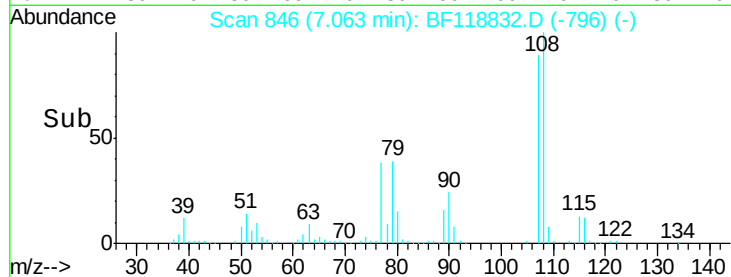
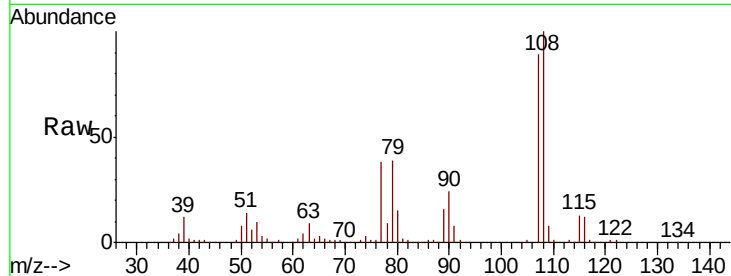
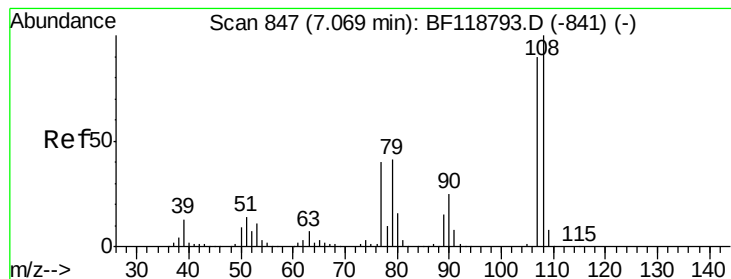
Delta R.T. -0.01 min

Lab File: BF118832.D

Acq: 6 Feb 2020 10:46

Tgt Ion:	94	Resp:	955554
Ion	Ratio	Lower	Upper
94	100		
65	26.0	9.1	49.1
66	37.0	21.7	61.7





#17

2-Methylphenol

Concen: 14.450 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF118832.D

Acq: 6 Feb 2020 10:46

Tot Ion	107	Resp	157261
Ion Ratio	Lower	Upper	
107	100		
108	112.1	89.3	133.9
77	42.7	36.2	54.2
79	43.6	36.3	54.5

Instrument :

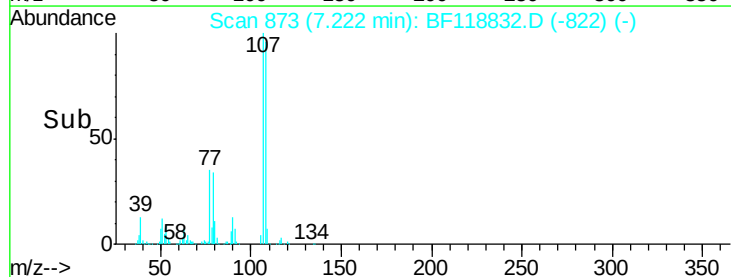
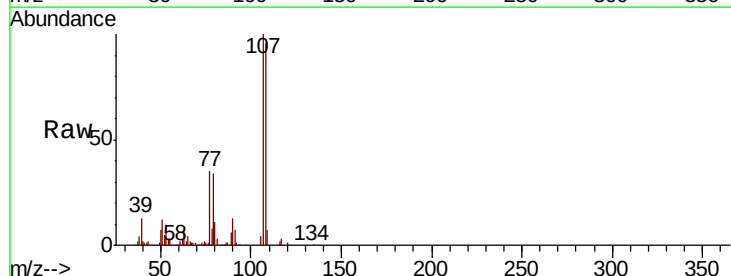
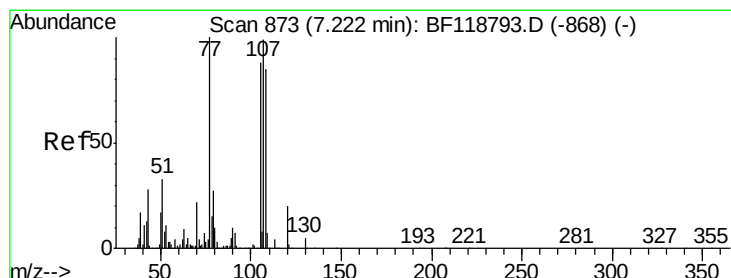
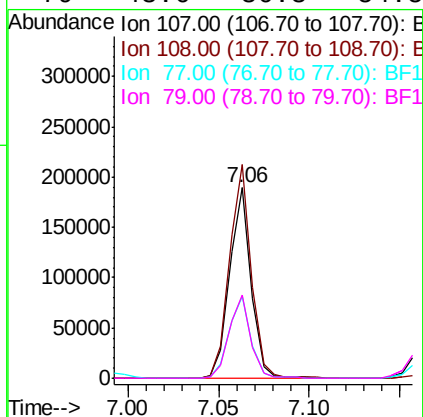
BNA_F

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 40.725 ng

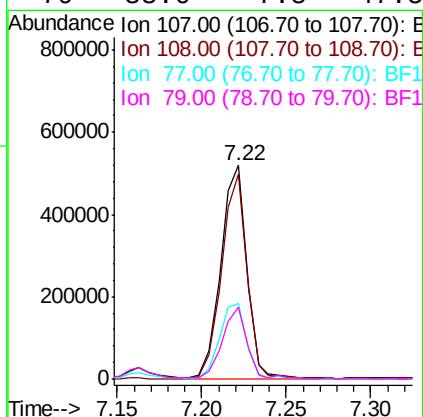
RT: 7.22 min Scan# 873

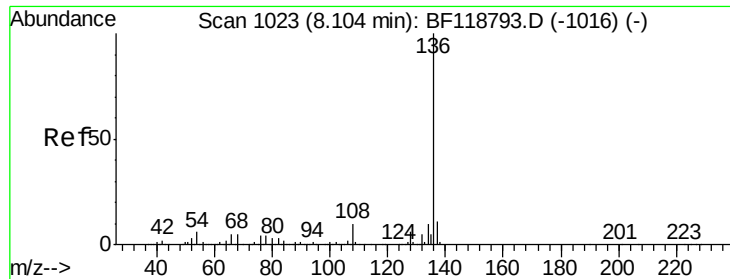
Delta R.T. -0.00 min

Lab File: BF118832.D

Acq: 6 Feb 2020 10:46

Tgt Ion	107	Resp	555567
Ion Ratio	Lower	Upper	
107	100		
108	95.8	65.9	105.9
77	35.4	80.9	120.9#
79	33.6	7.5	47.5





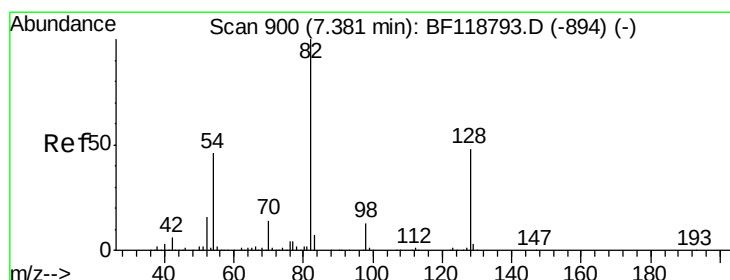
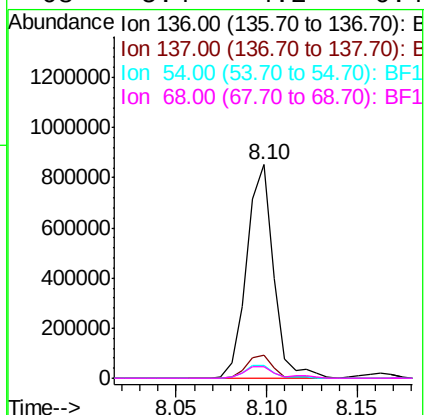
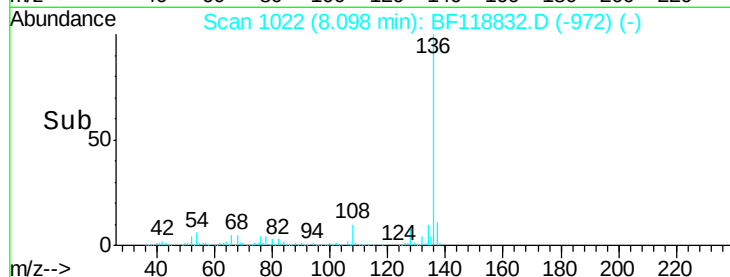
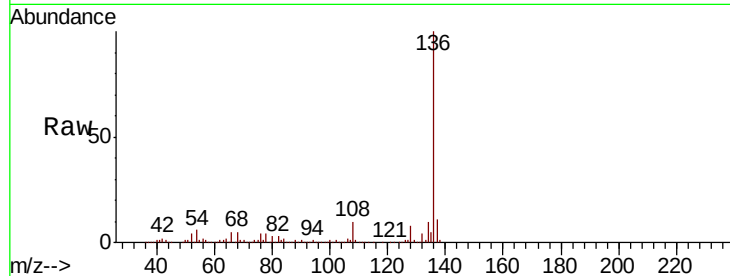
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Instrument :
BNA_F
ClientSampleId :
TOTE-COMPD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		880367		
137	10.7		8.7	13.1	
54	6.2		5.0	7.6	
68	5.4		4.2	6.4	

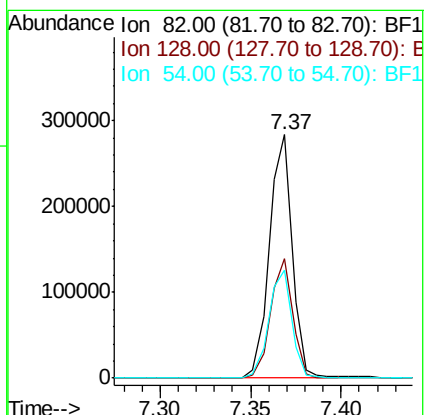
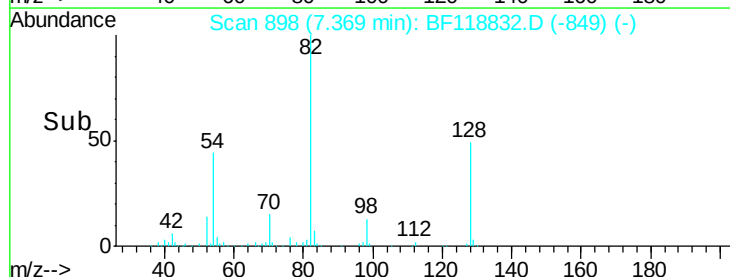
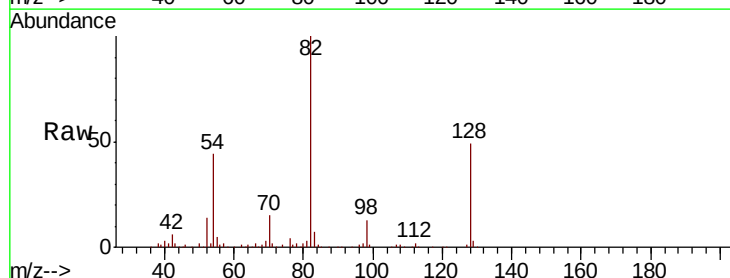
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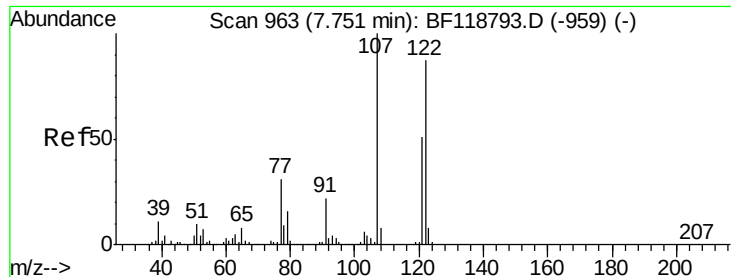
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#23
Nitrobenzene-d5
Concen: 16.833 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		248628		
128	49.0		38.5	57.7	
54	44.3		36.7	55.1	





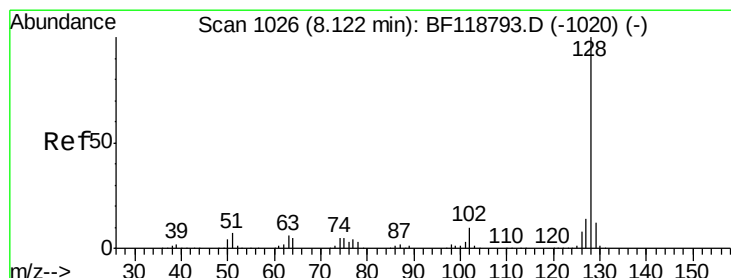
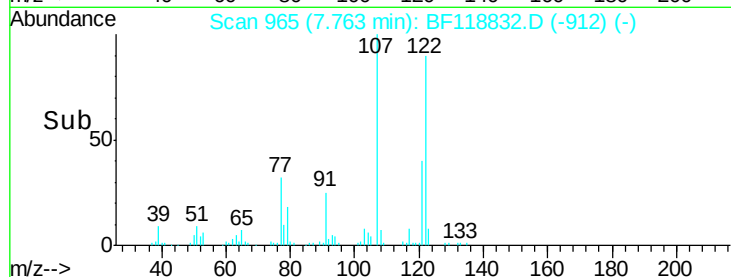
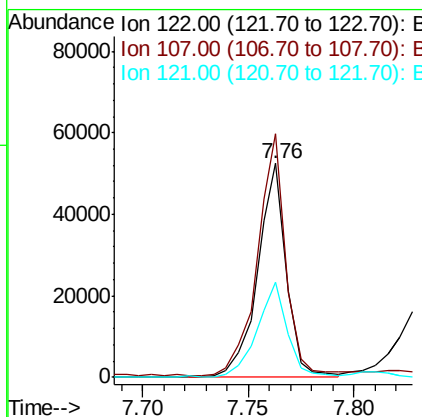
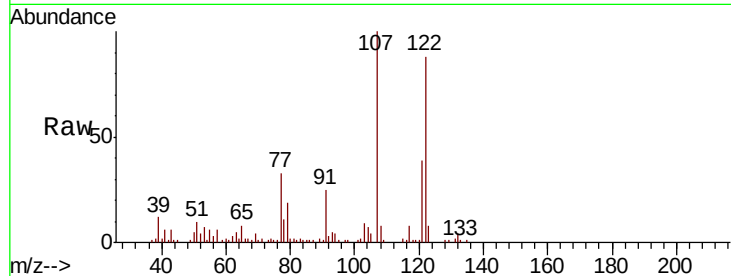
#27
2,4-Dimethylphenol
Concen: 4.665 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Instrument :
BNA_F
ClientSampleId :
TOTE-COMPDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		49821		
107	114.0	92.2		138.2	
121	44.6	46.8		70.2#	

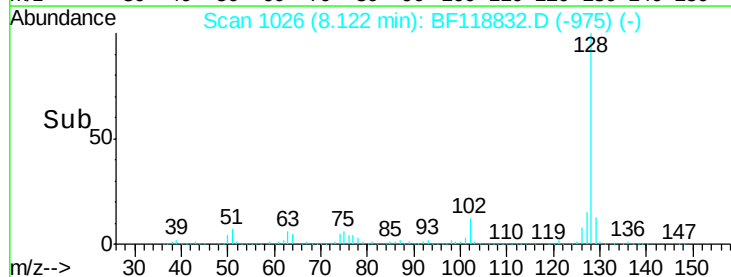
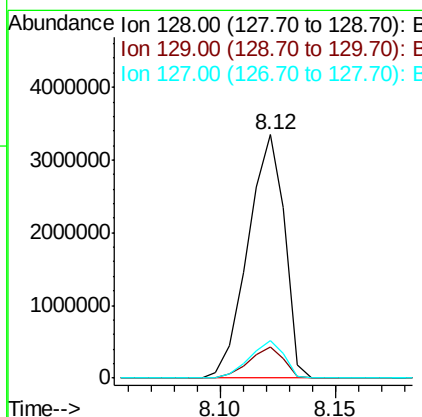
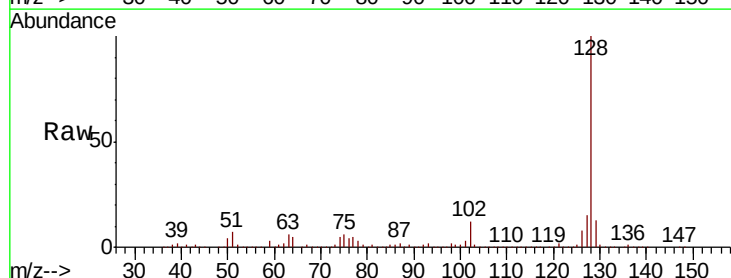
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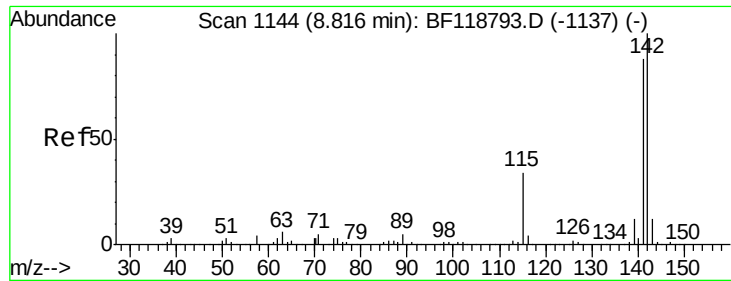
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#31
Naphthalene
Concen: 92.071 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		3707180		
129	12.7	9.4		14.2	
127	15.4	11.3		16.9	





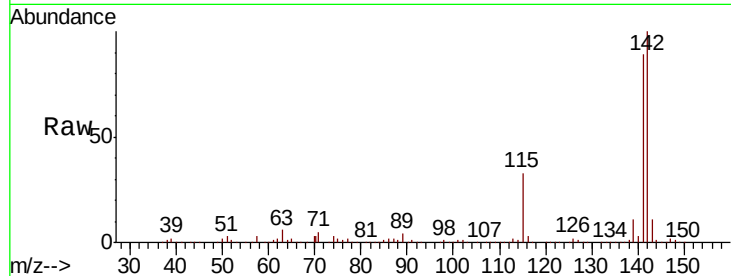
#37
2-Methylnaphthalene
Concen: 20.899 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Instrument :
BNA_F
ClientSampleId :
TOTE-COMPD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.1	105.1
115	32.6	27.3	40.9

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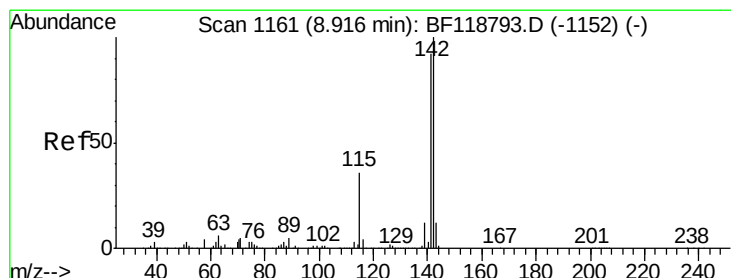
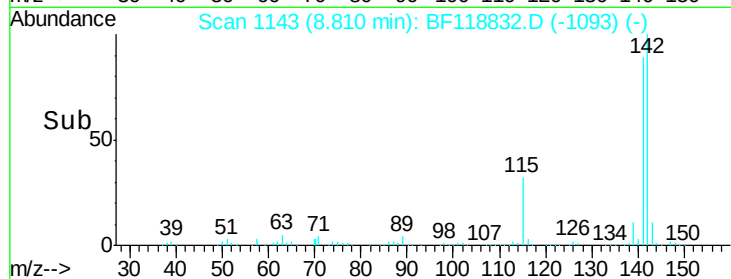
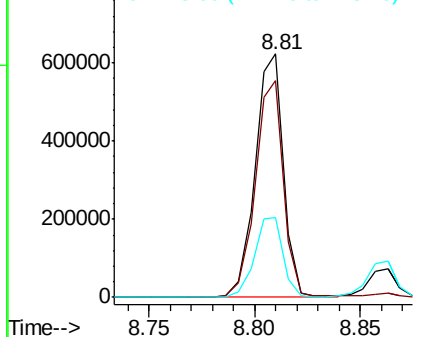


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 13.279 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

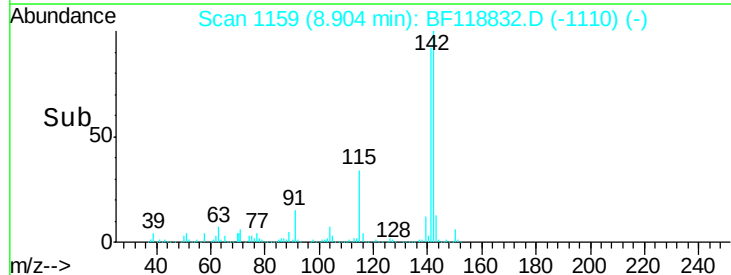
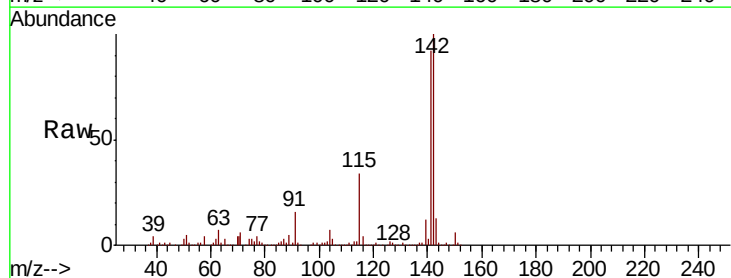
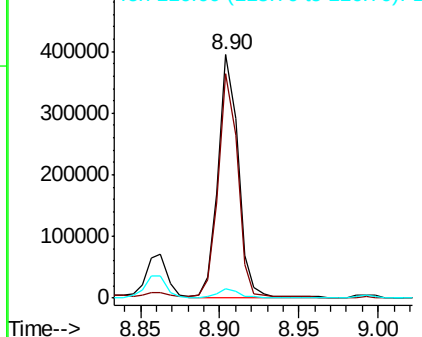
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.8	110.6
116	3.8	3.0	4.4

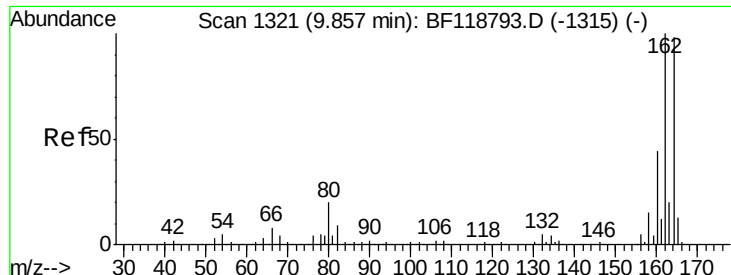
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





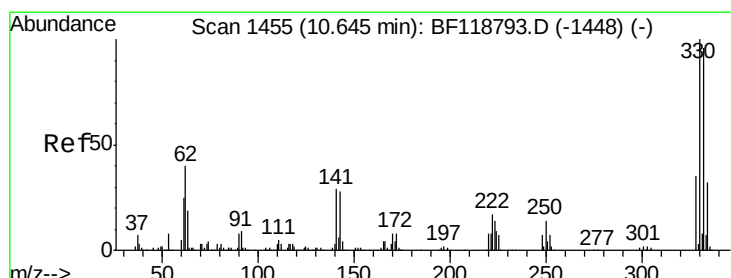
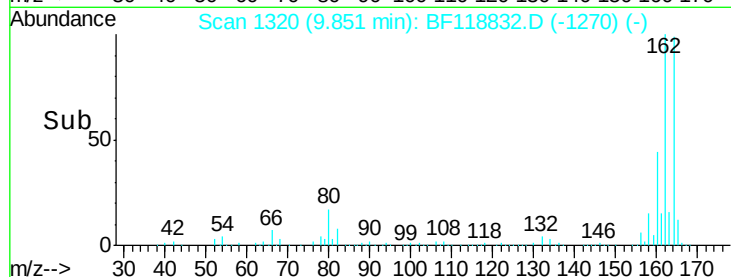
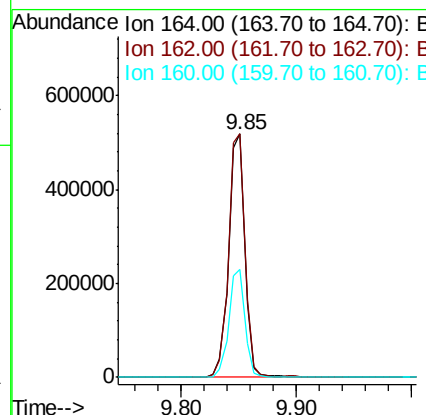
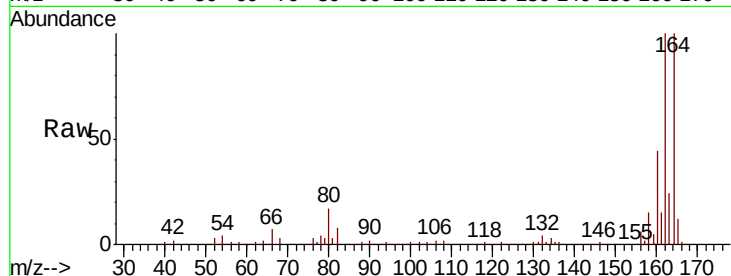
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Instrument :
BNA_F
ClientSampleId :
TOTE-COMPD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.0	81.4	122.2	
160	44.4	35.6	53.4	

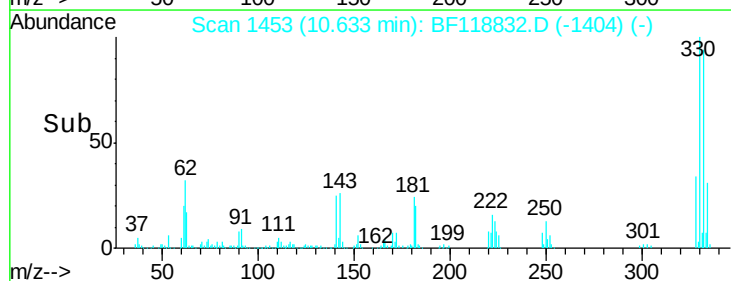
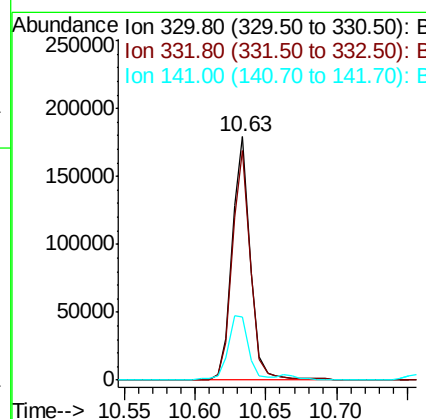
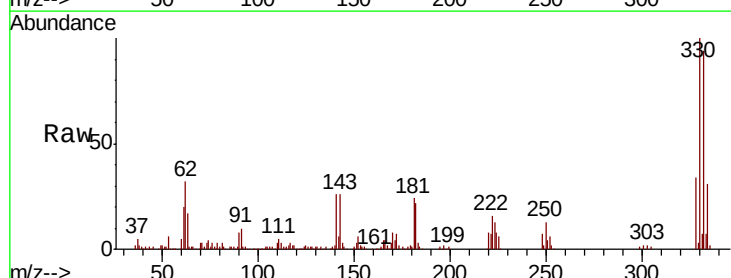
Manual Integrations
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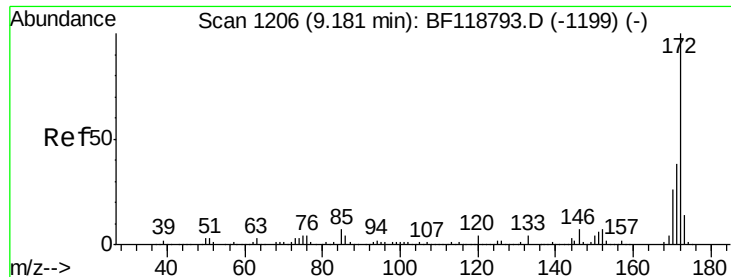
mohammad
2/10/2020 8:10:41 AM



#42
2,4,6-Tribromophenol
Concen: 26.697 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	77.3	115.9	
141	29.3	22.4	33.6	





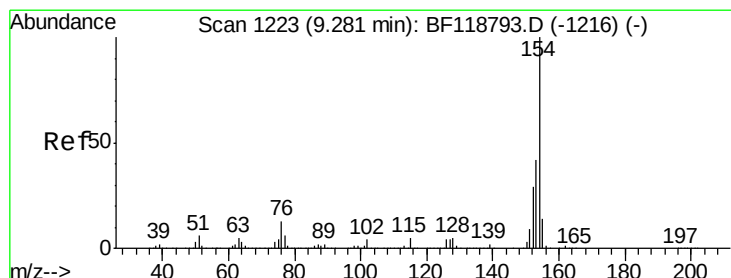
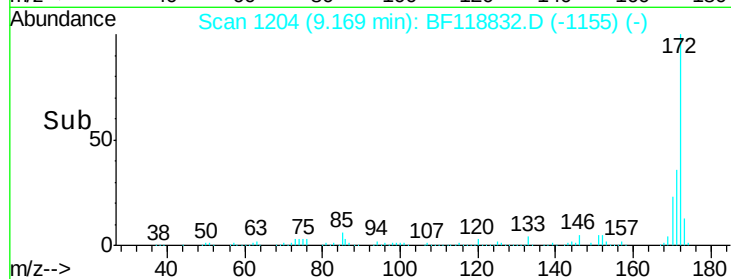
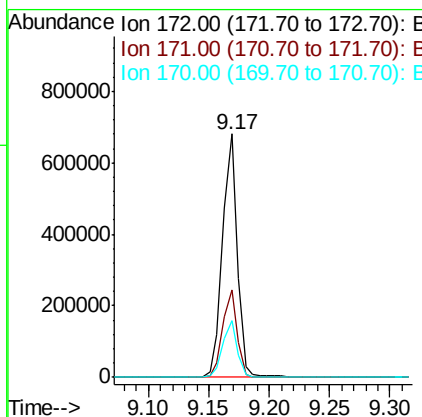
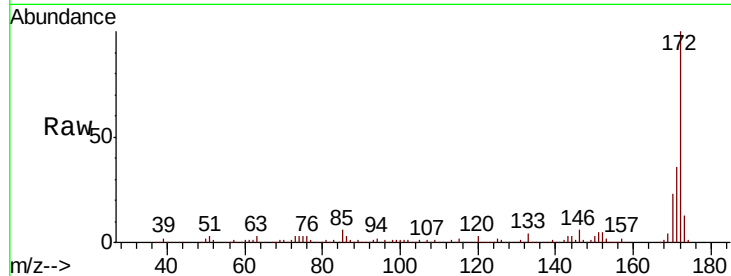
#45
2-Fluorobiphenyl
Concen: 20.449 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Instrument :
BNA_F
ClientSampleId :
TOTE-COMPD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	576573		
171	35.8		30.8	46.2
170	23.2		20.5	30.7

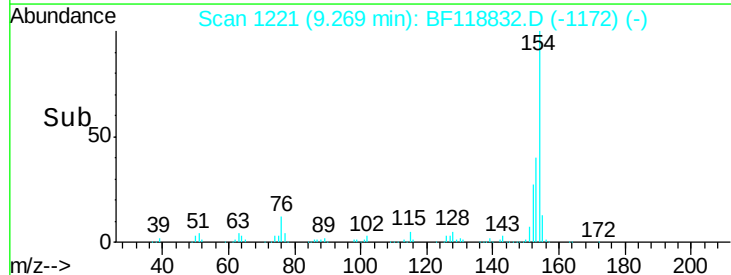
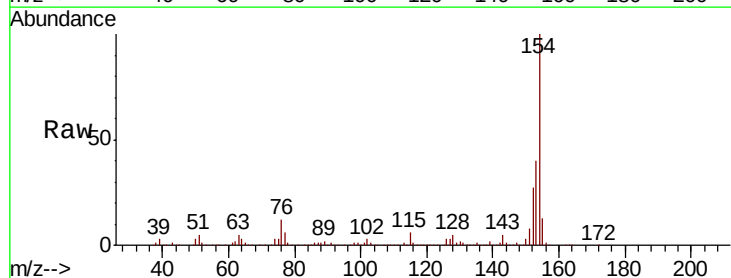
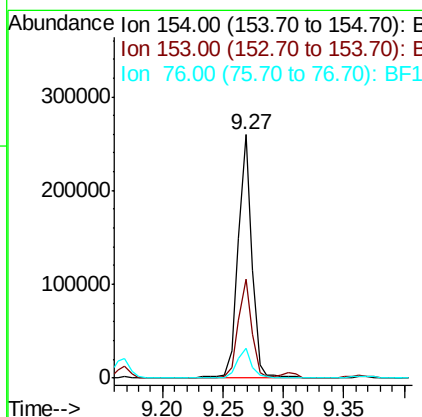
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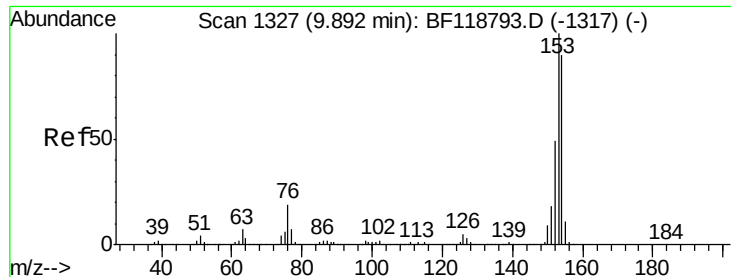
mohammad
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#46
1,1'-Biphenyl
Concen: 5.992 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	208933		
153	40.4		22.4	62.4
76	12.0		0.0	32.7





#52

Acenaphthene

Concen: 29.837 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF118832.D

Acq: 6 Feb 2020 10:46

Instrument :

BNA_F

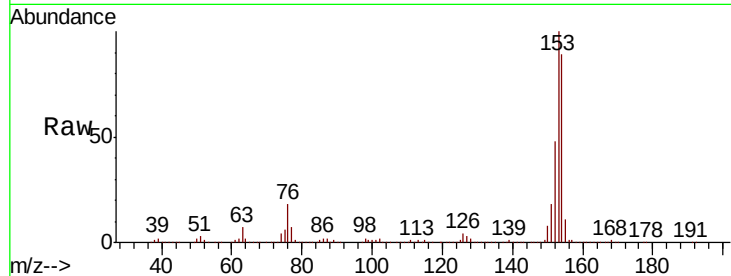
ClientSampleId :

TOTE-COMPD

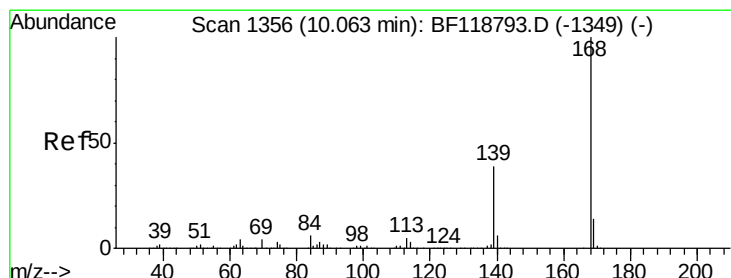
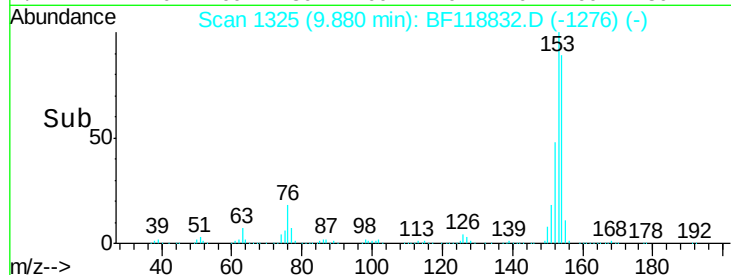
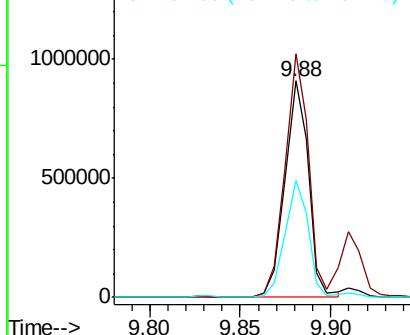
Tot Ion:	154	Resp:	822864
Ion Ratio	Lower	Upper	
154	100		
153	112.5	89.4	134.0
152	53.8	43.6	65.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 18.883 ng

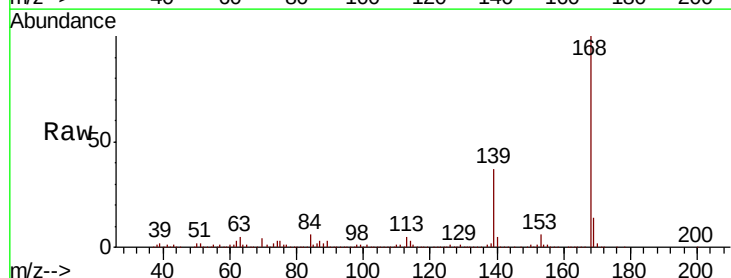
RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

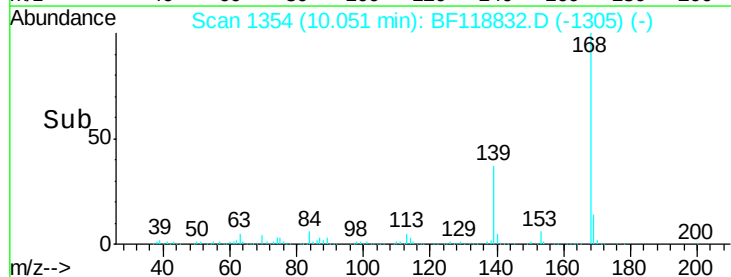
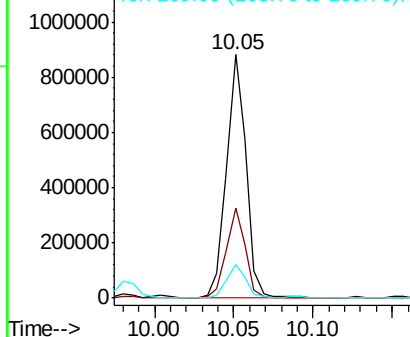
Lab File: BF118832.D

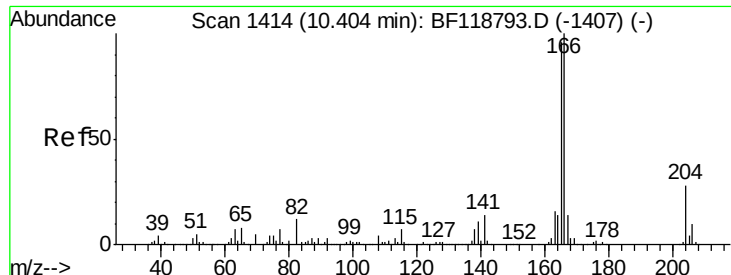
Acq: 6 Feb 2020 10:46

Tgt Ion:	168	Resp:	752586
Ion Ratio	Lower	Upper	
168	100		
139	37.1	31.6	47.4
169	13.7	11.4	17.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





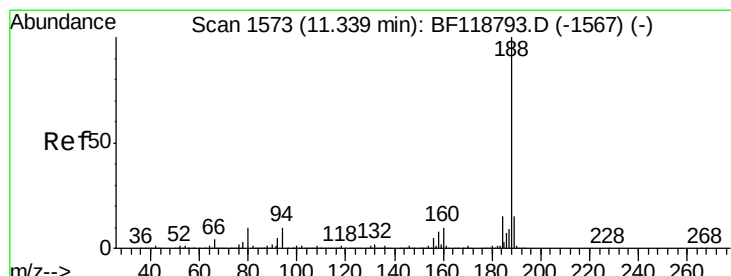
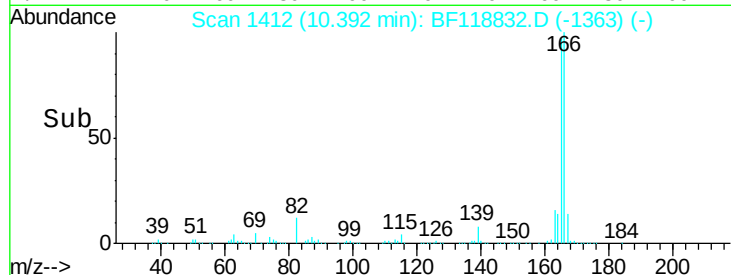
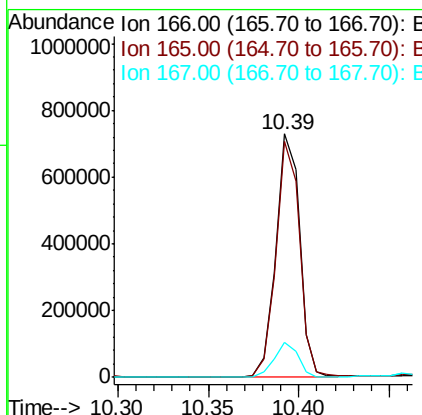
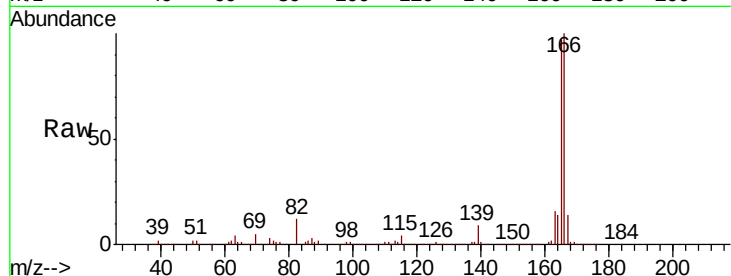
#58
 Fluorene
 Concen: 22.221 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF118832.D
 Acq: 6 Feb 2020 10:46

Instrument :
 BNA_F
 ClientSampleId :
 TOTE-COMPD

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.0	115.6
167	14.2	11.1	16.7

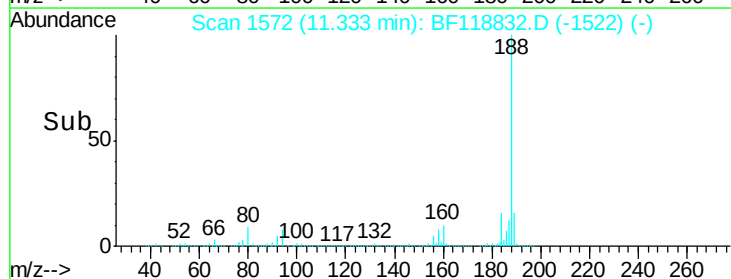
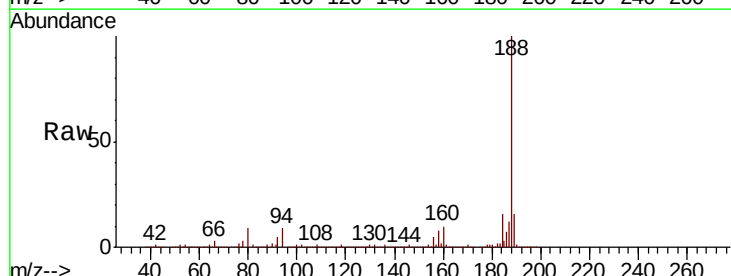
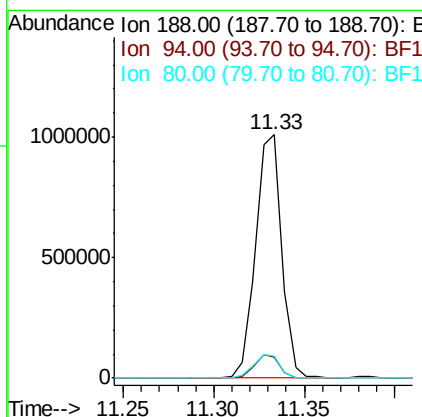
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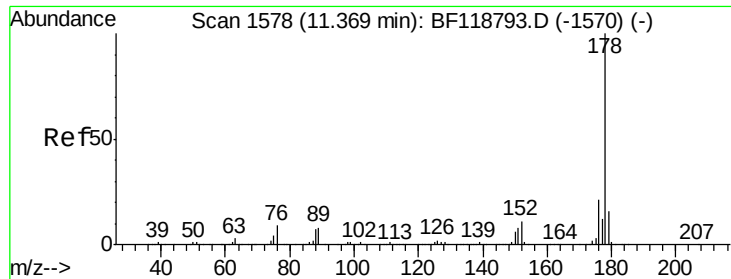
mohammad
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF118832.D
 Acq: 6 Feb 2020 10:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.9	11.9
80	8.9	8.4	12.6





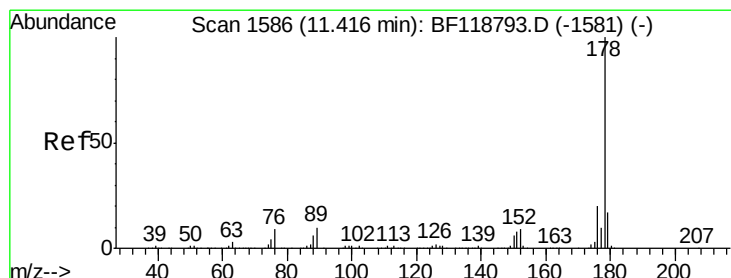
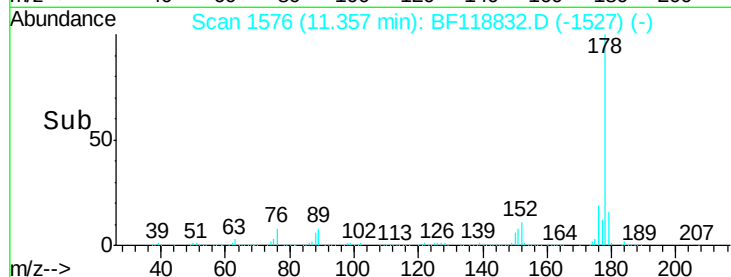
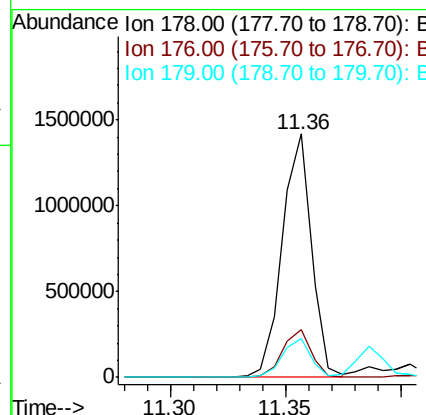
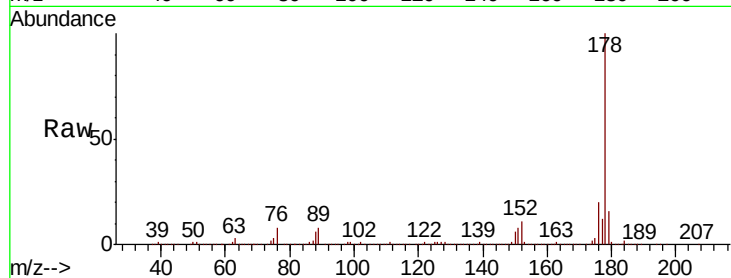
#71
Phenanthrene
Concen: 24.868 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Instrument :
BNA_F
ClientSampleId :
TOTE-COMPDL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	24.8
179	15.7	13.2	19.8

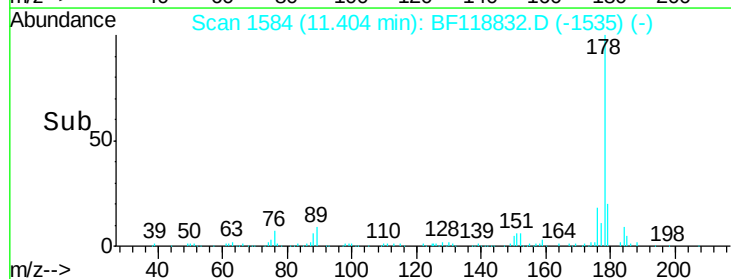
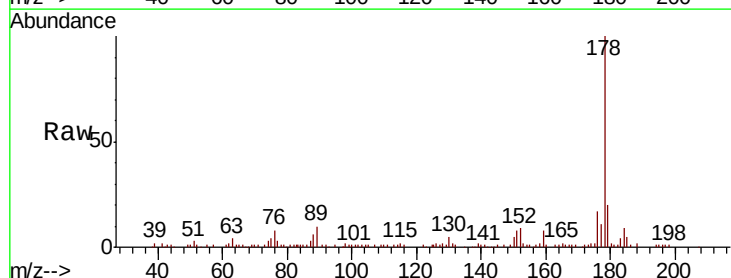
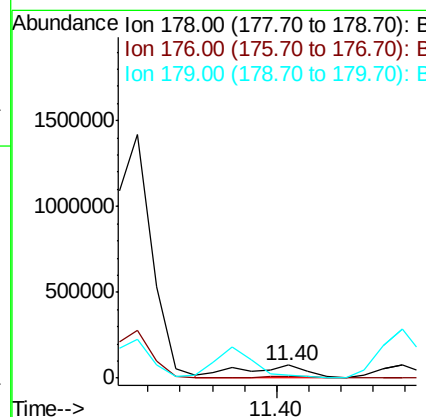
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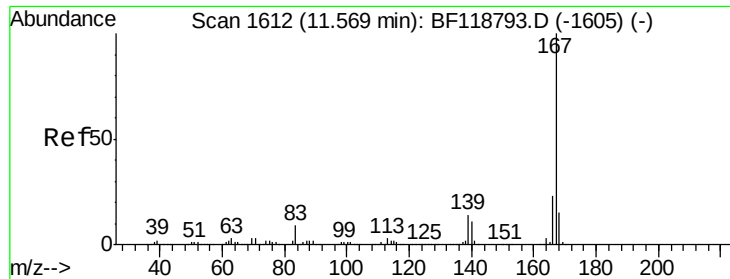
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#72
Anthracene
Concen: 2.193 ng m
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	16.2	24.2
179	20.4	13.4	20.2#





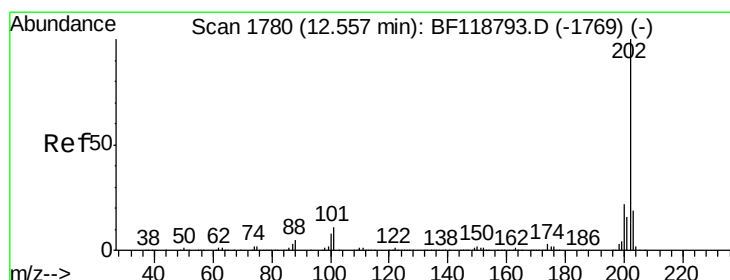
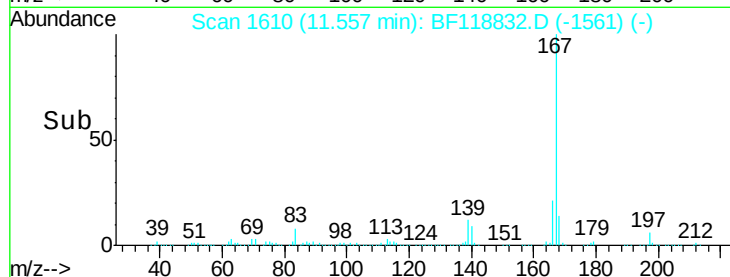
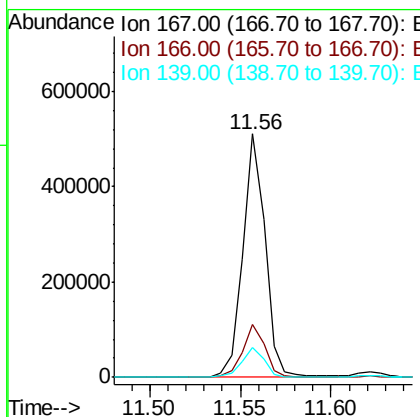
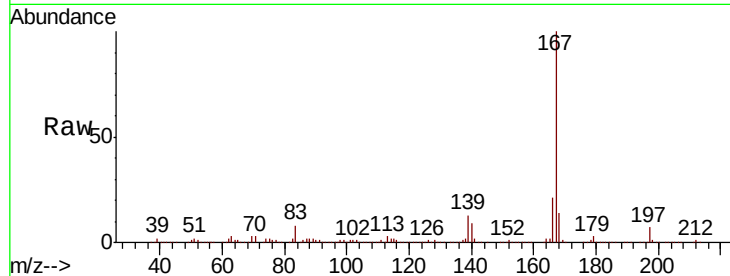
#73
 Carbazole
 Concen: 10.042 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF118832.D
 Acq: 6 Feb 2020 10:46

Instrument :
 BNA_F
 ClientSampleId :
 TOTE-COMPD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.4	27.6
139	12.5	11.1	16.7

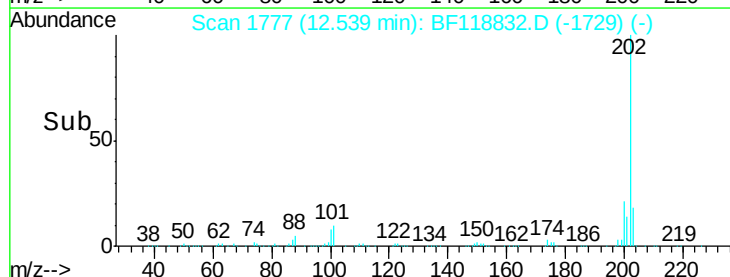
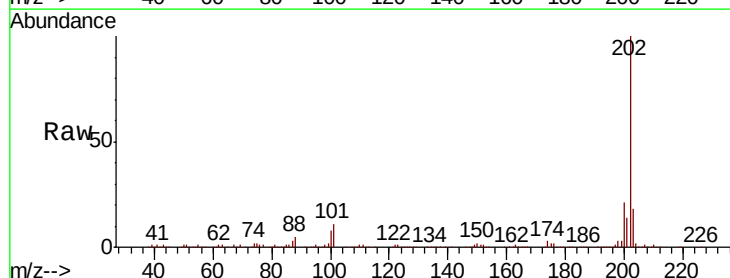
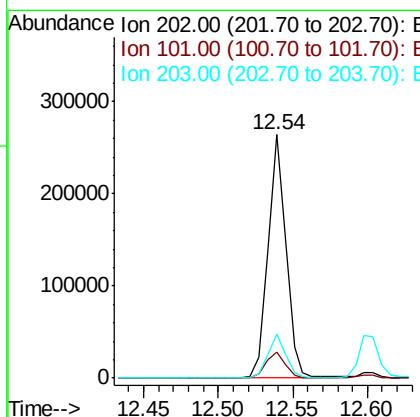
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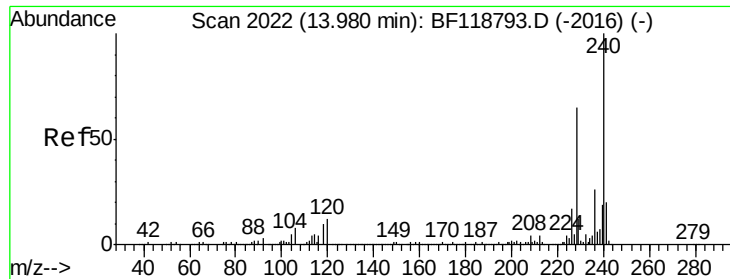
mohammad
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#75
 Fluoranthene
 Concen: 4.027 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.02 min
 Lab File: BF118832.D
 Acq: 6 Feb 2020 10:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.0
203	17.9	0.0	38.7





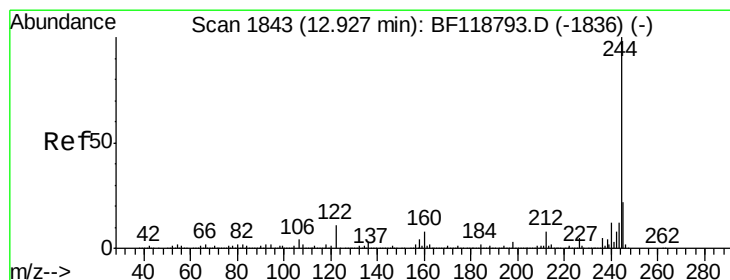
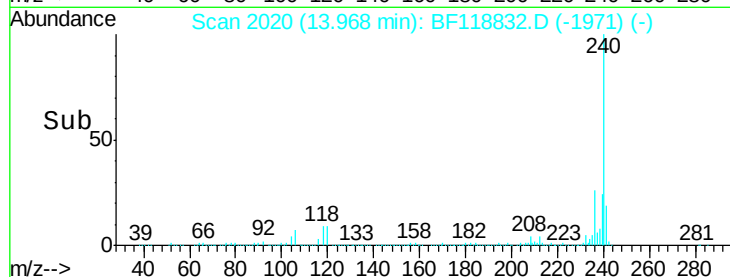
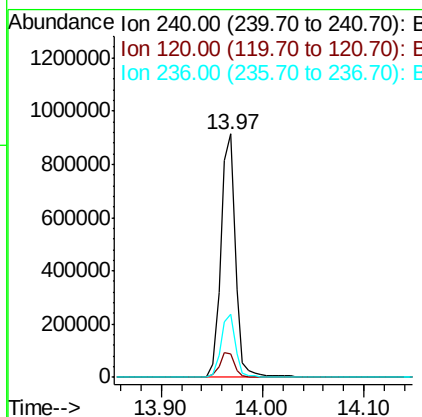
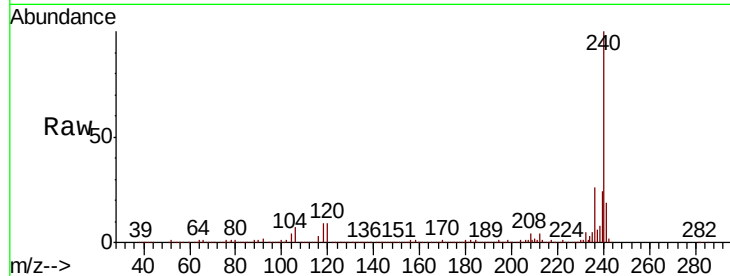
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Instrument :
BNA_F
ClientSampleId :
TOTE-COMPD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	914307		
120	9.4		9.4	14.0
236	26.2		21.0	31.6

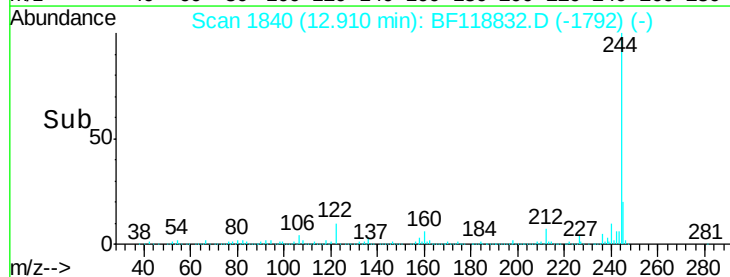
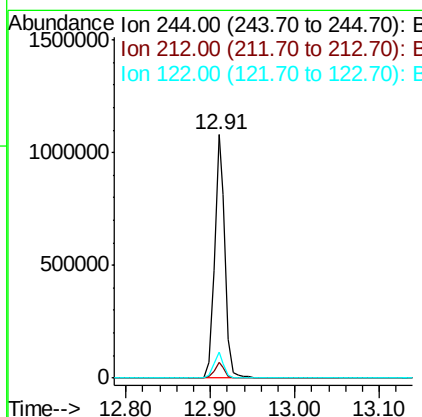
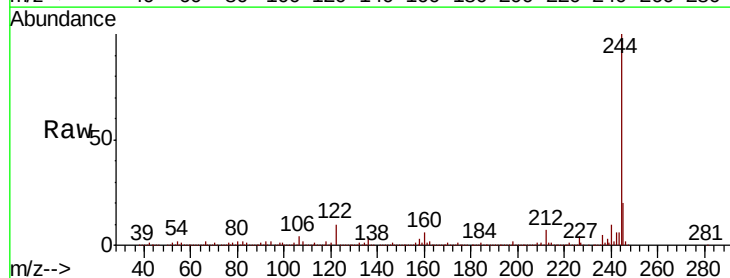
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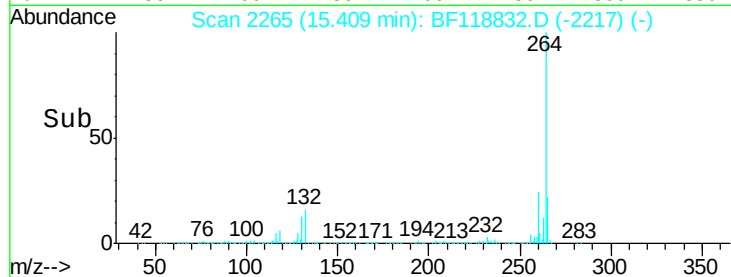
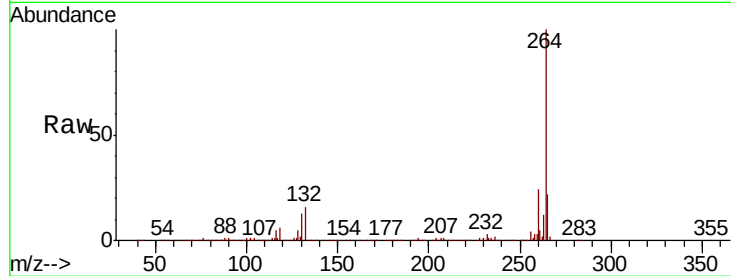
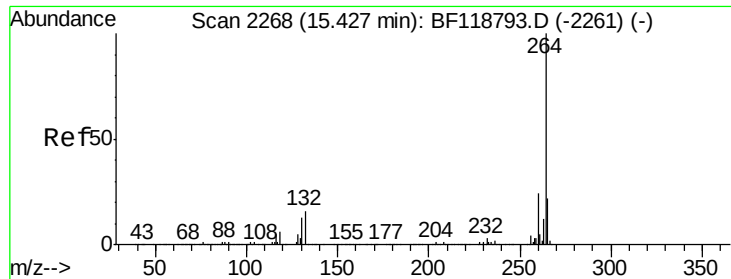
mohammad
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#79
Terphenyl-d14
Concen: 21.473 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.02 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	955825		
212	6.6		6.5	9.7
122	10.4		8.9	13.3





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF118832.D
Acq: 6 Feb 2020 10:46

Instrument :
BNA_F
ClientSampleId :
TOTE-COMPDL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.2	17.2	25.8

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