

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116676.D
 Acq On : 31 Aug 2019 3:19
 Operator : HP/JU
 Sample : K4528-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-T1-T4-(0-1.9)

Manual Integrations
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mohammad
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Quant Time: Aug 31 05:03:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108953	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	420153	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	203994	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	297893	20.00	ng	0.00
76) Chrysene-d12	14.00	240	159254	20.00	ng	0.00
87) Perylene-d12	15.46	264	227943	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	824524	122.60	ng	0.00
7) Phenol-d6	6.47	99	1133290	128.33	ng	0.00
23) Nitrobenzene-d5	7.40	82	704899	95.78	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	189812	139.18	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1088961	90.05	ng	0.00
79) Terphenyl-d14	12.95	244	777566	90.32	ng	0.00
Target Compounds						
10) Phenol	6.49	94	50625	5.177	ng	99
50) Dimethylphthalate	9.59	163	129394	9.188	ng	98
75) Fluoranthene	12.57	202	87381	5.362	ng	# 48
78) Pyrene	12.80	202	85583	6.045	ng	# 63
81) Benzo(a)anthracene	13.99	228	70439	6.989	ng	# 94
83) Chrysene	14.03	228	77421	7.456	ng	# 92
86) Indeno(1,2,3-cd)pyrene	16.89	276	113222	13.575	ng	97
88) Benzo(b)fluoranthene	15.04	252	178722m	12.969	ng	
89) Benzo(k)fluoranthene	15.06	252	43888m	3.493	ng	
90) Benzo(a)pyrene	15.40	252	63919	5.331	ng	# 79
91) Dibenzo(a,h)anthracene	16.90	278	25875	2.466	ng	# 60
92) Benzo(a,h,i)perylene	17.33	276	126270	11.797	ng	# 92

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

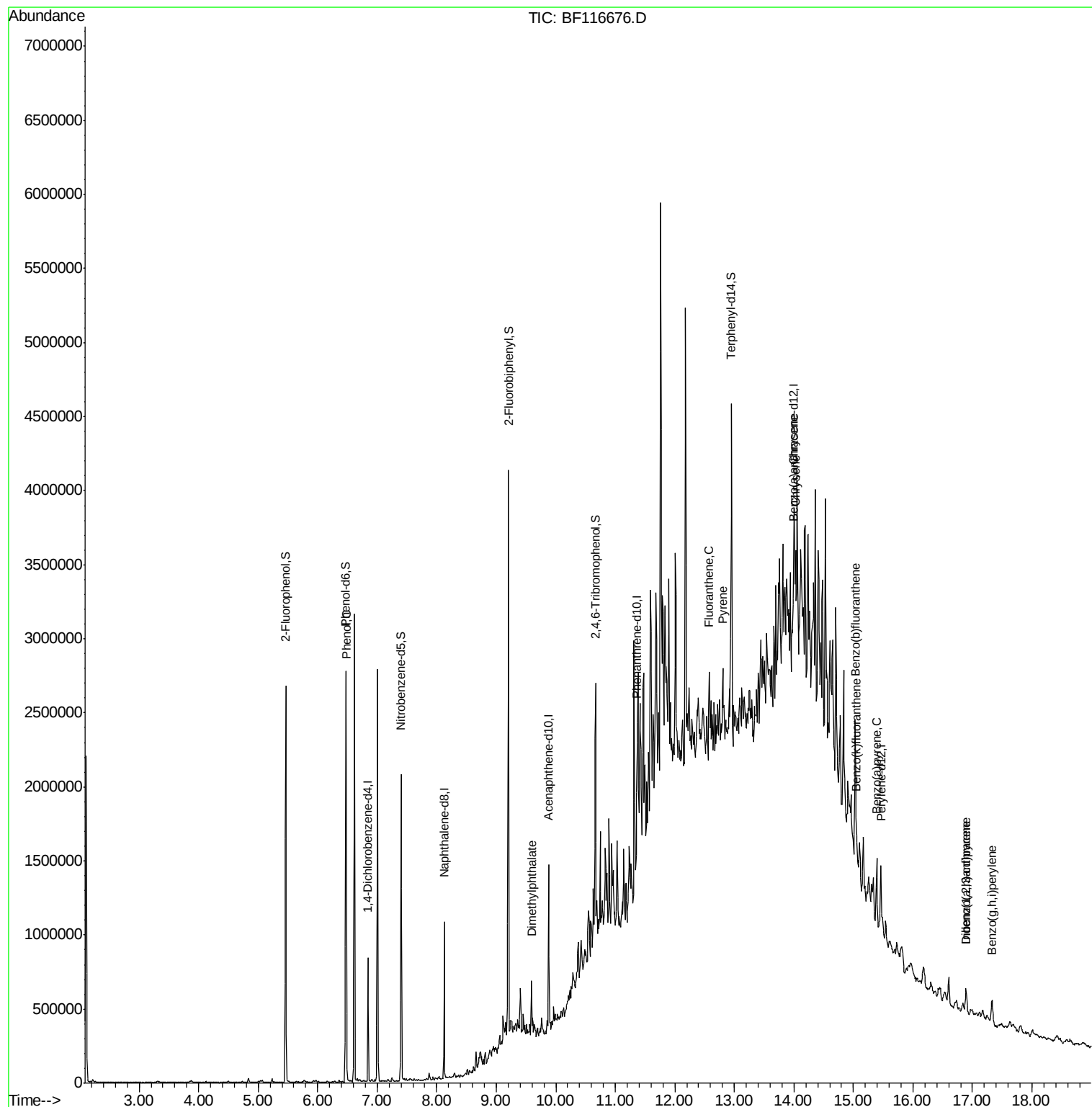
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

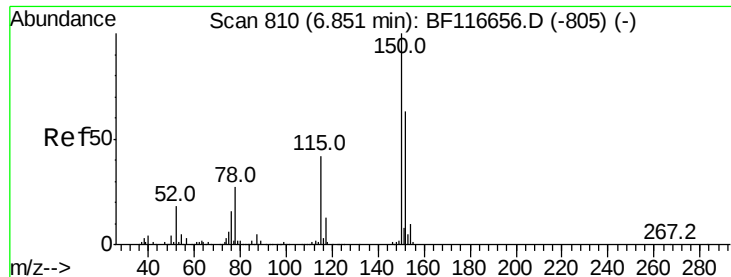
Instrument :
BNA_F
ClientSampleId :
T9-12-13-T1-T4-(0-1.9)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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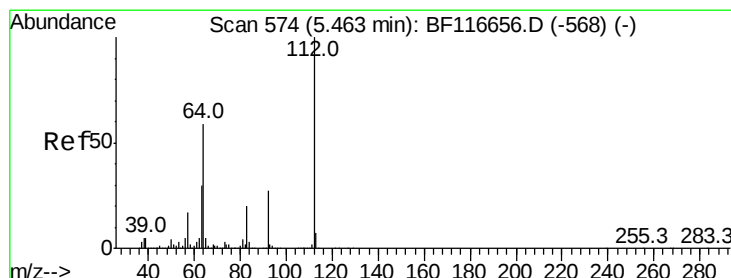
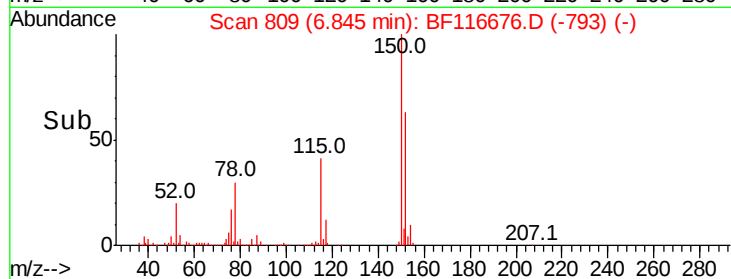
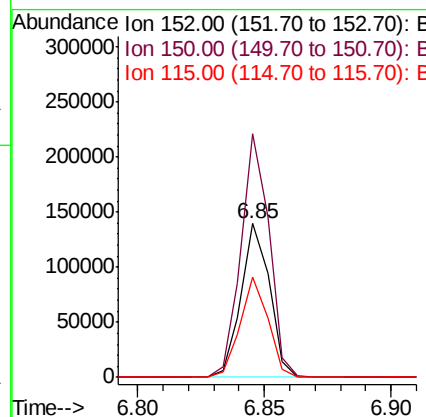
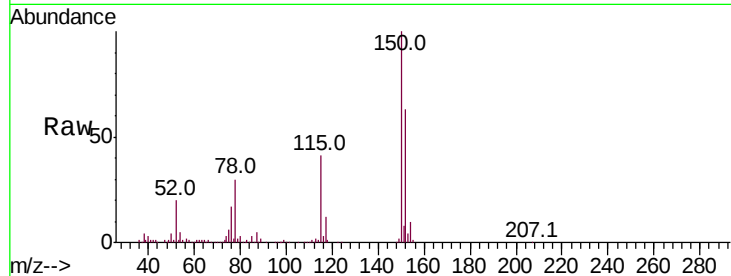
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF116676.D
 Acq: 31 Aug 2019 3:19

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-T1-T4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.4	186.6
115	65.0	49.9	74.9

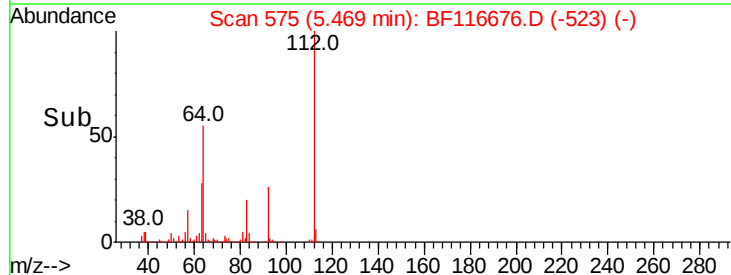
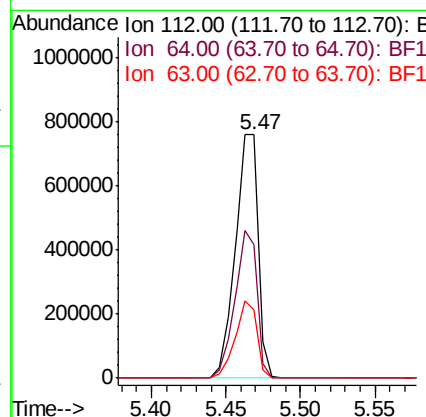
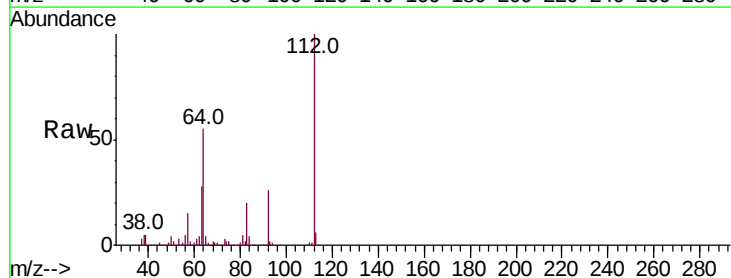
Manual Integrations
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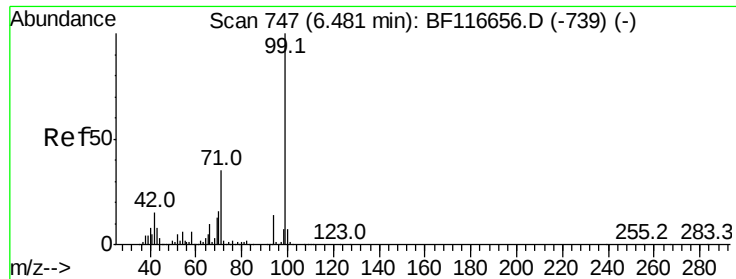
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#5
 2-Fluorophenol
 Concen: 122.601 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF116676.D
 Acq: 31 Aug 2019 3:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.1	70.7
63	28.3	24.9	37.3





#7

Phenol-d6

Concen: 128.331 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116676.D

Acq: 31 Aug 2019 3:19

Instrument :

BNA_F

ClientSampleId :

T9-12-13-T1-T4-(0-1.9)

Tot Ion: 99 Resp: 1133290

Ion Ratio Lower Upper

99 100

42 16.5 13.7 20.5

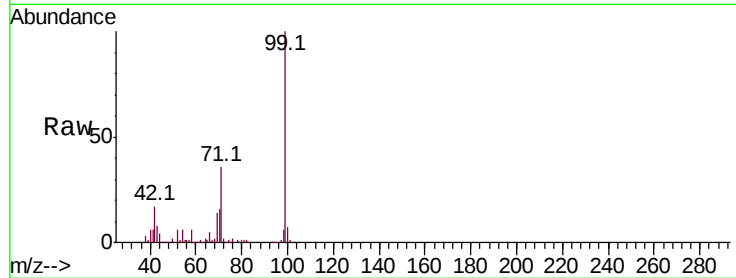
71 36.3 30.8 46.2

Manual Integrations

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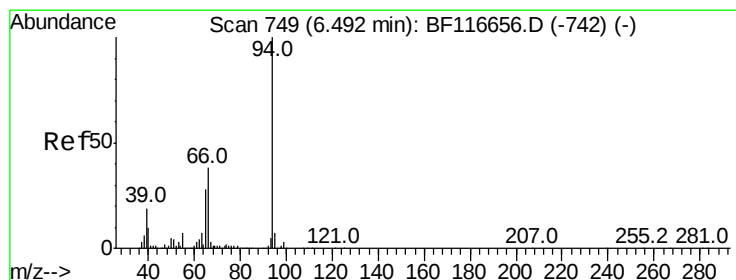
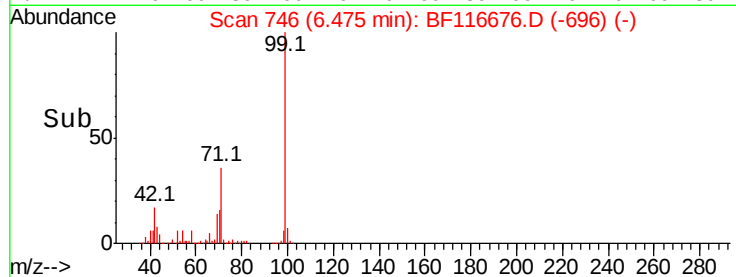
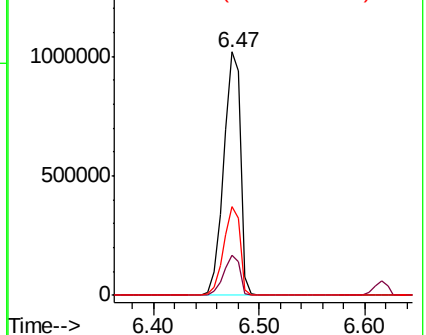
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.177 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116676.D

Acq: 31 Aug 2019 3:19

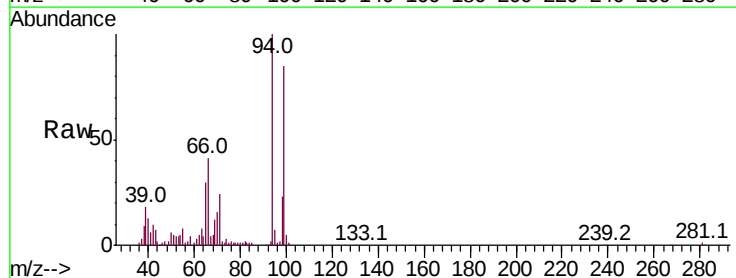
Tgt Ion: 94 Resp: 50625

Ion Ratio Lower Upper

94 100

65 29.7 10.8 50.8

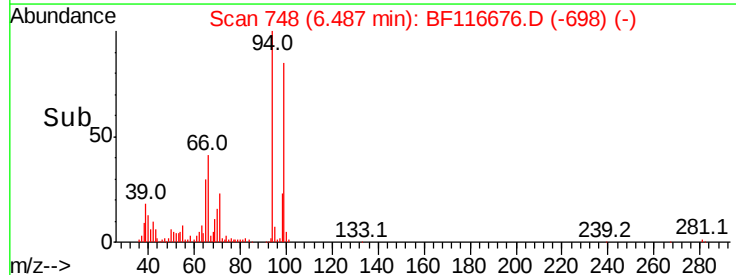
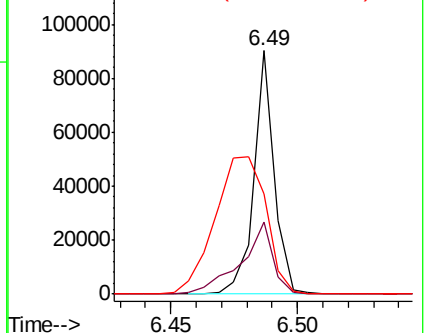
66 41.3 21.1 61.1

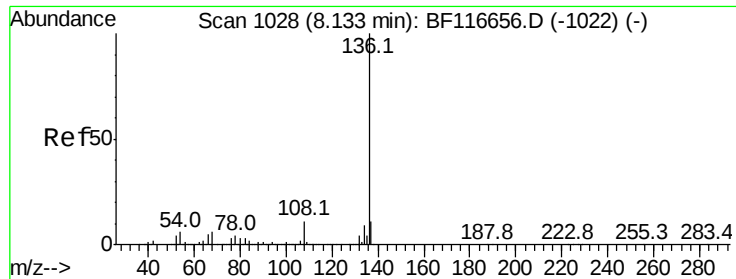


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





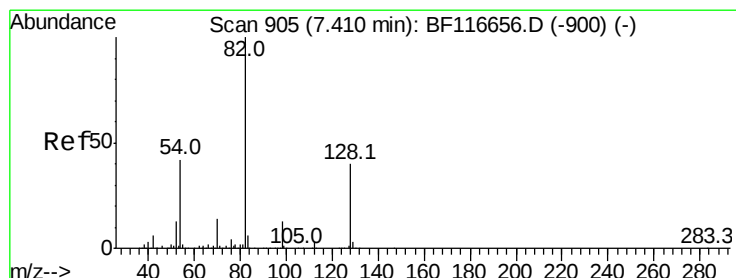
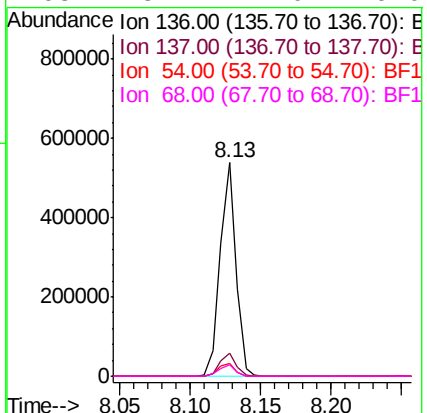
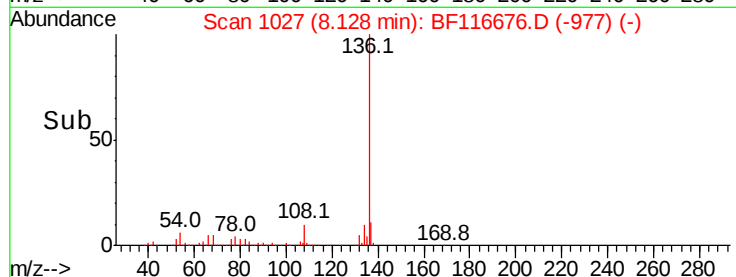
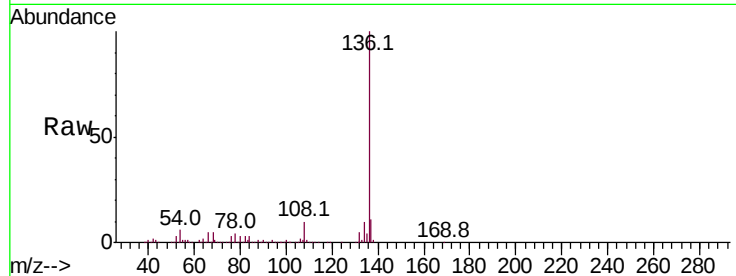
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :
T9-12-13-T1-T4-(0-1.9)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		420153		
137	11.1	8.9	13.3		
54	5.9	4.8	7.2		
68	5.2	4.0	6.0		

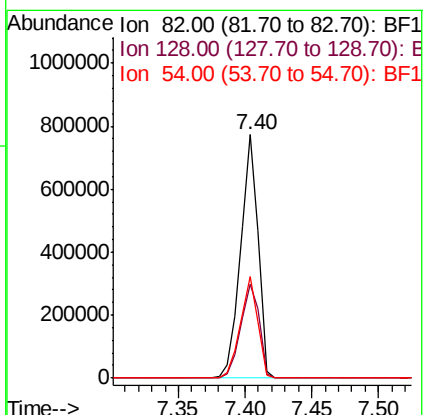
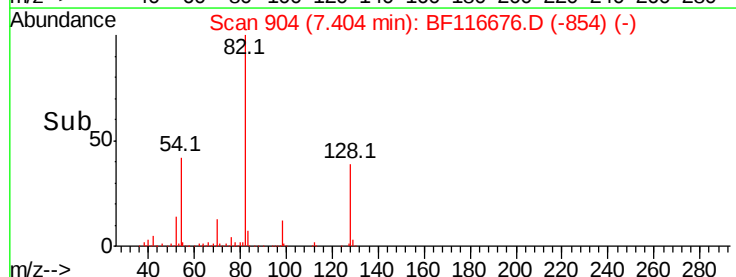
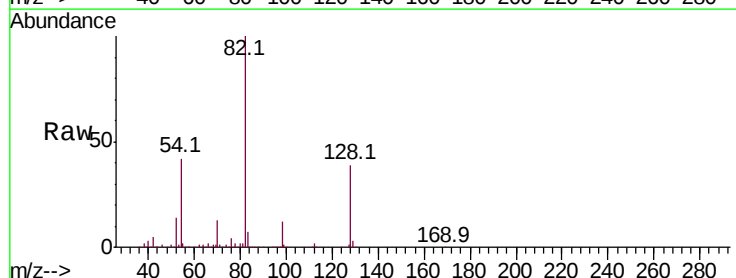
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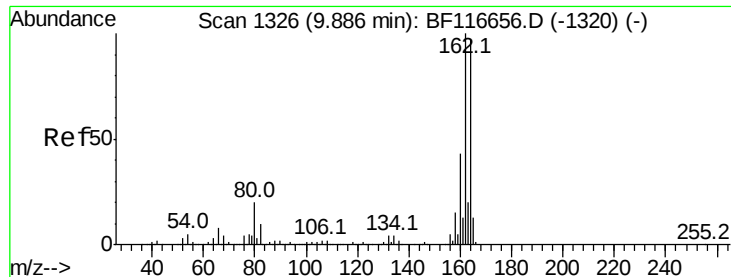
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#23
Nitrobenzene-d5
Concen: 95.777 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		704899		
128	38.8	32.8	49.2		
54	41.8	36.9	55.3		





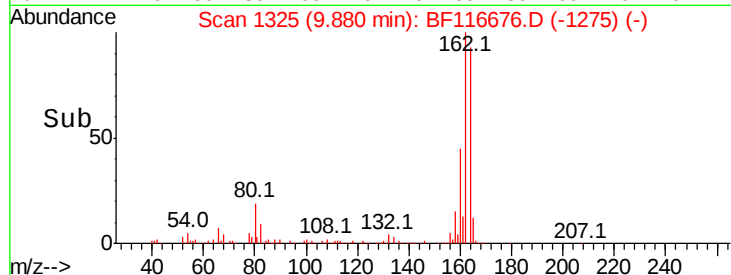
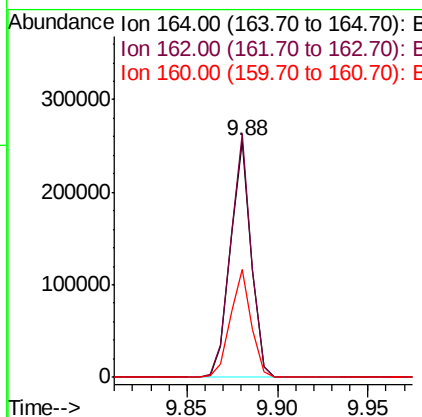
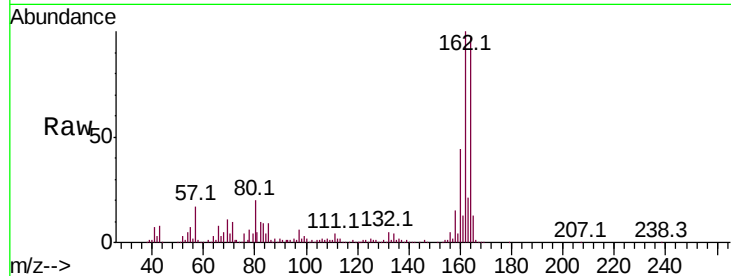
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :
T9-12-13-T1-T4-(0-1.9)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	203994		
162	103.1	81.4	122.0	
160	45.8	35.4	53.2	

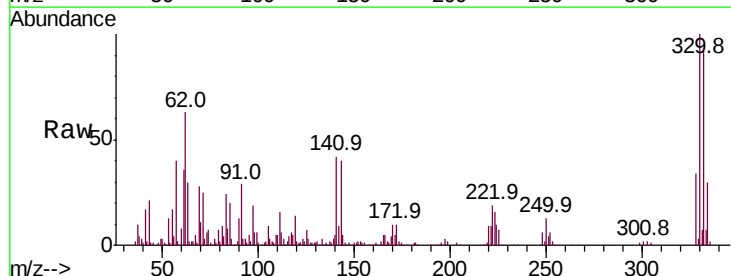
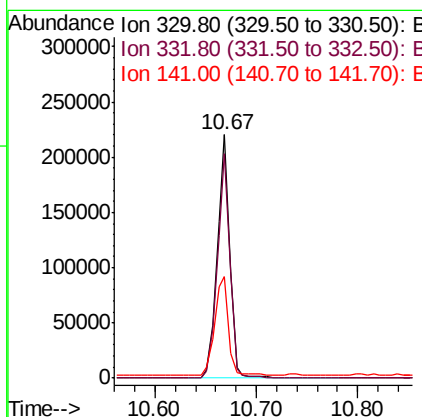
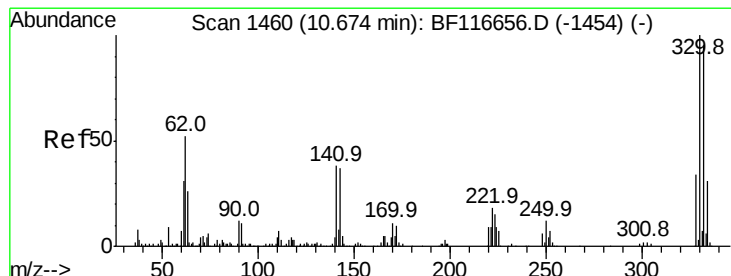
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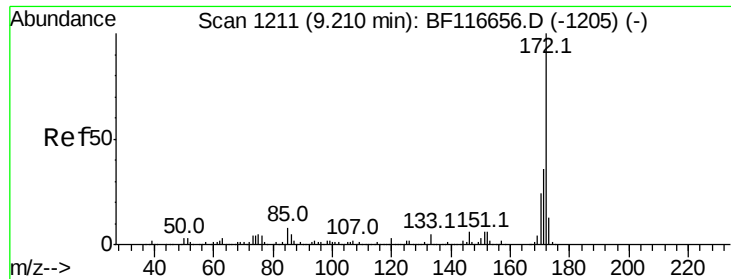
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#42
2,4,6-Tribromophenol
Concen: 139.185 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	189812		
332	92.7	76.9	115.3	
141	44.6	31.4	47.2	





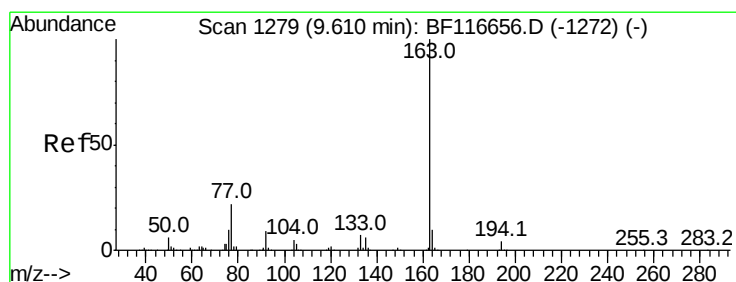
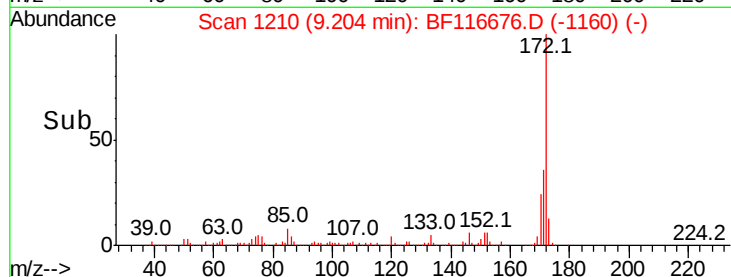
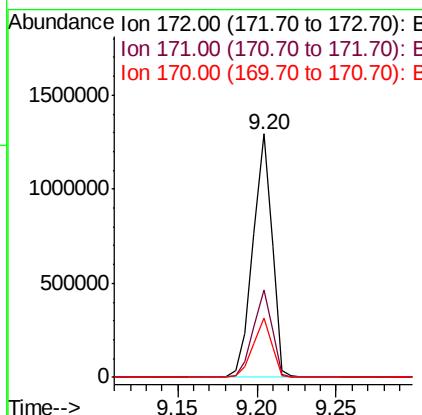
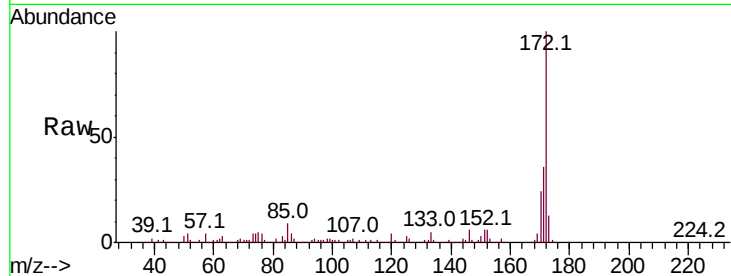
#45
2-Fluorobiphenyl
Concen: 90.050 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :
T9-12-13-T1-T4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	24.2	18.9	28.3

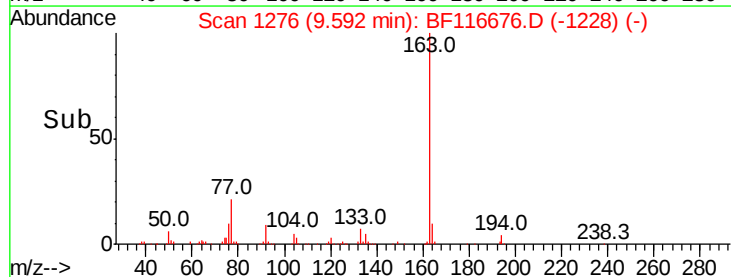
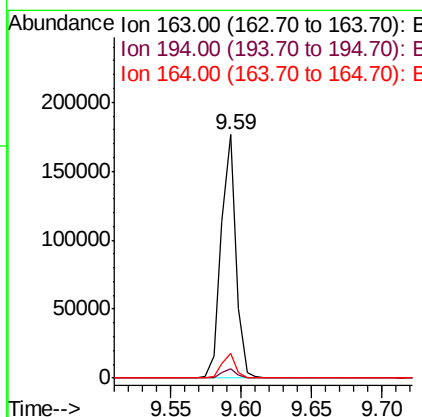
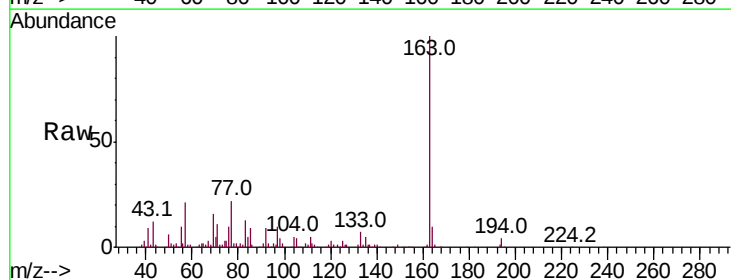
Manual Integrations
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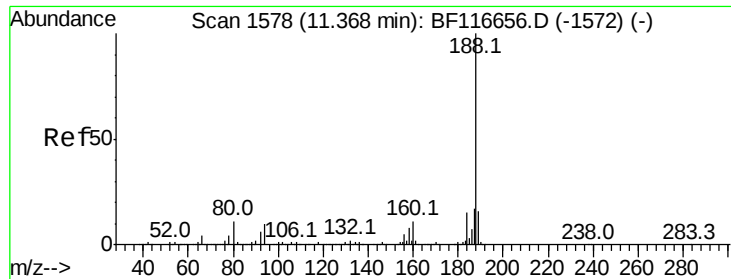
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#50
Dimethylphthalate
Concen: 9.188 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	10.0	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116676.D

Acq: 31 Aug 2019 3:19

Instrument :

BNA_F

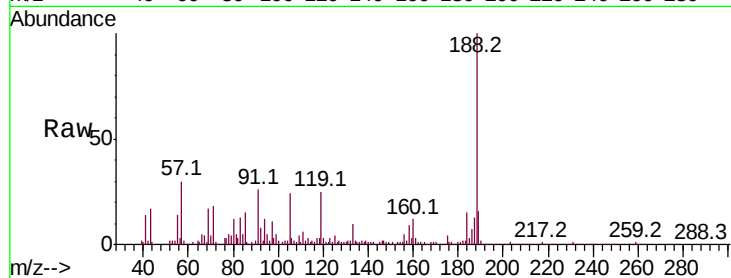
ClientSampleId :

T9-12-13-T1-T4-(0-1.9)

Tot Ion:	188	Resp:	297893
Ion Ratio	Lower	Upper	
188	100		
94	11.8	7.3	10.9#
80	12.2	8.4	12.6

Manual Integrations
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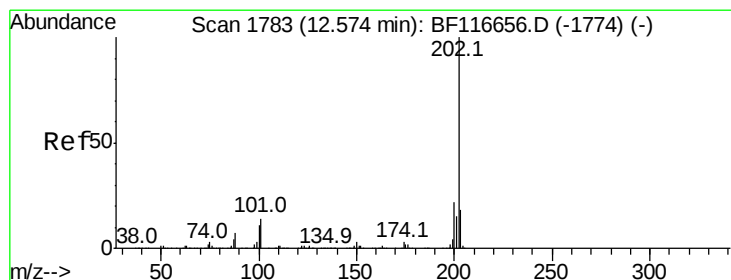
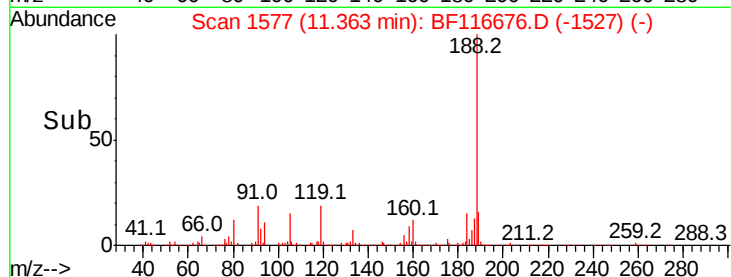
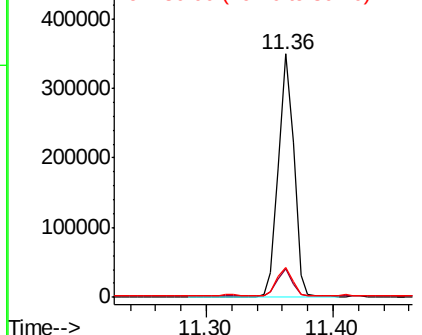
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 5.362 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116676.D

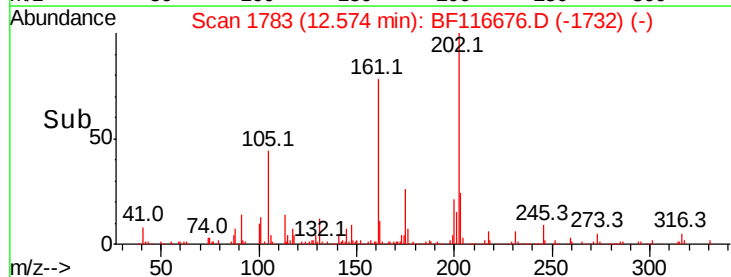
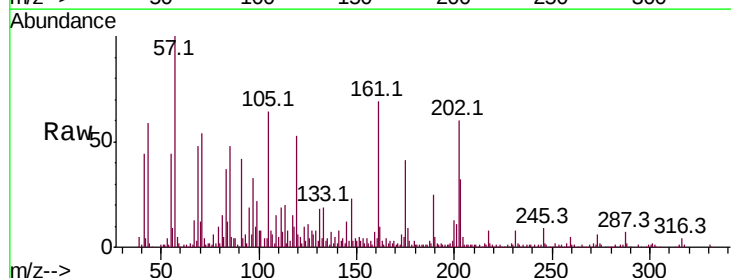
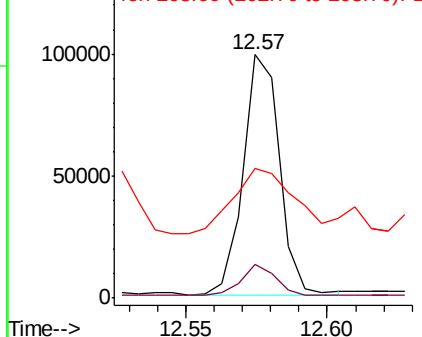
Acq: 31 Aug 2019 3:19

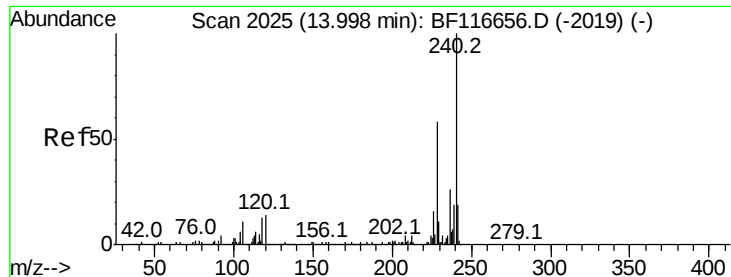
Tgt Ion:	202	Resp:	87381
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	31.3
203	53.2	0.0	37.6#

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF116676.D

Acq: 31 Aug 2019 3:19

Instrument :

BNA_F

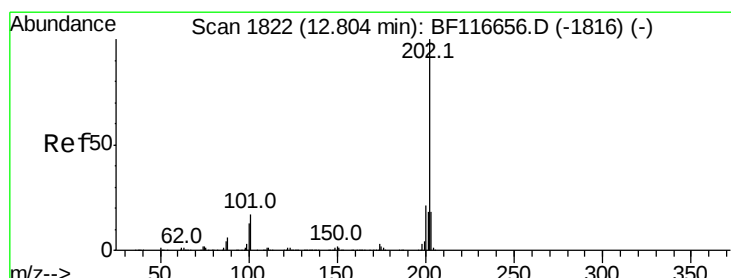
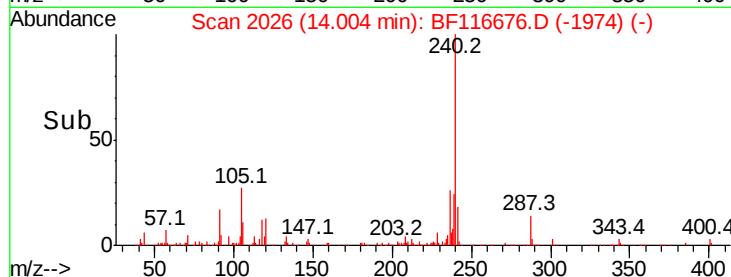
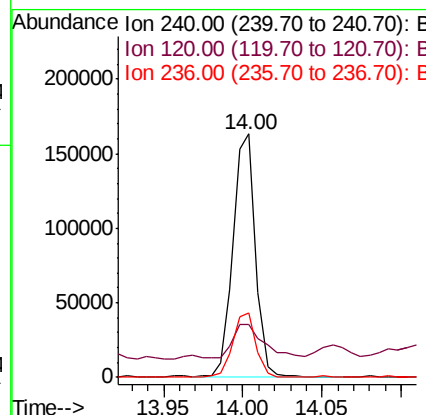
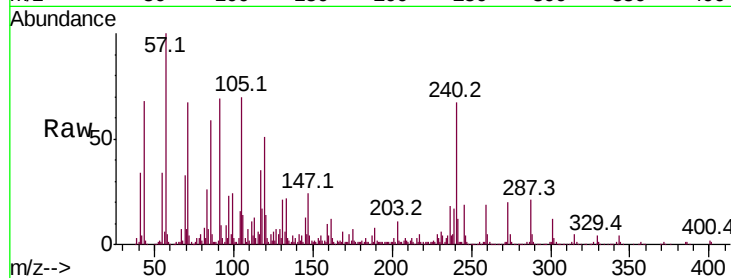
ClientSampleId :

T9-12-13-T1-T4-(0-1.9)

Tot Ion:240	Resp:	159254
Ion Ratio	Lower	Upper
240	100	
120	21.5	9.1 13.7#
236	26.7	21.1 31.7

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#78

Pyrene

Concen: 6.045 ng

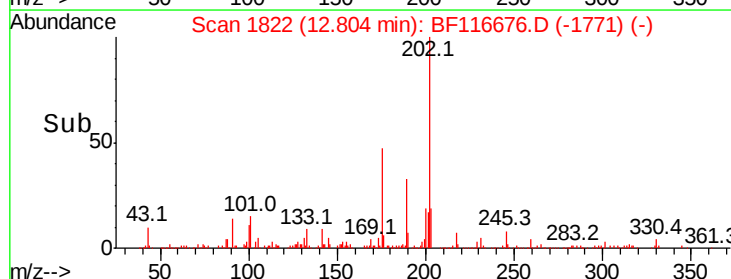
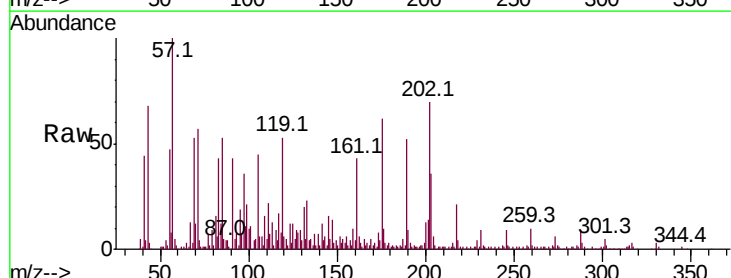
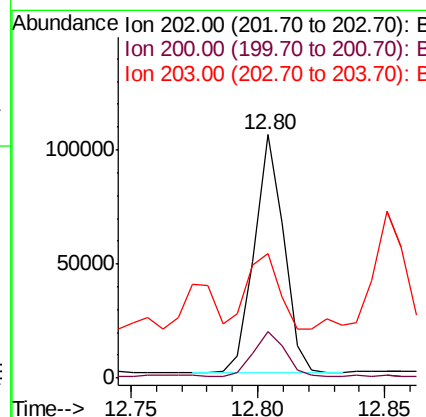
RT: 12.80 min Scan# 1822

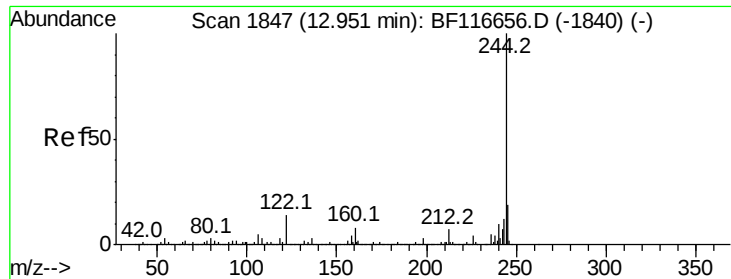
Delta R.T. 0.00 min

Lab File: BF116676.D

Acq: 31 Aug 2019 3:19

Tgt Ion:202	Resp:	85583
Ion Ratio	Lower	Upper
202	100	
200	19.3	16.5 24.7
203	50.9	13.7 20.5#





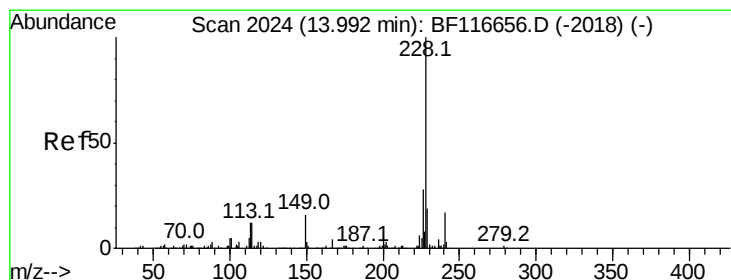
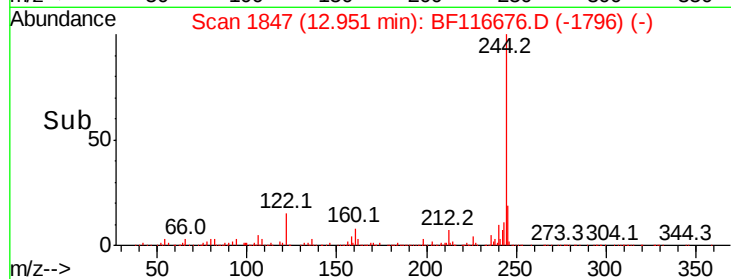
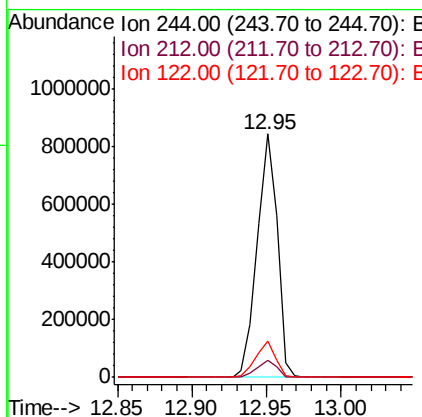
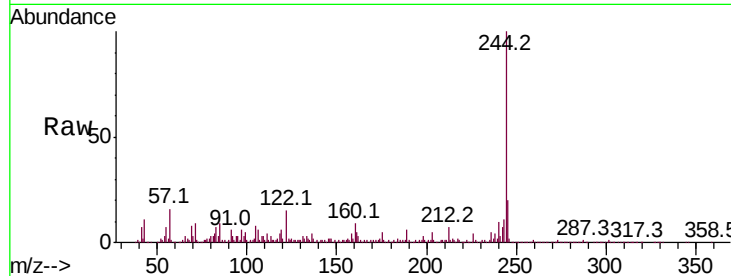
#79
 Terphenyl-d14
 Concen: 90.324 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF116676.D
 Acq: 31 Aug 2019 3:19

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-T1-T4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	14.9	10.2	15.4

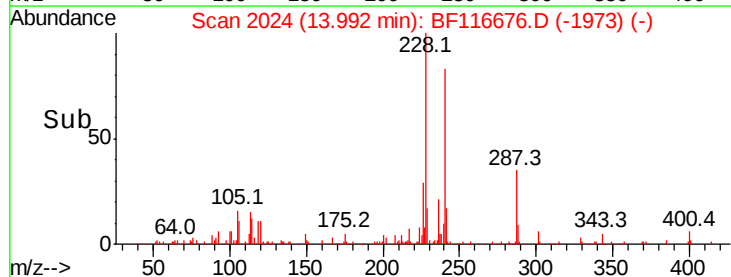
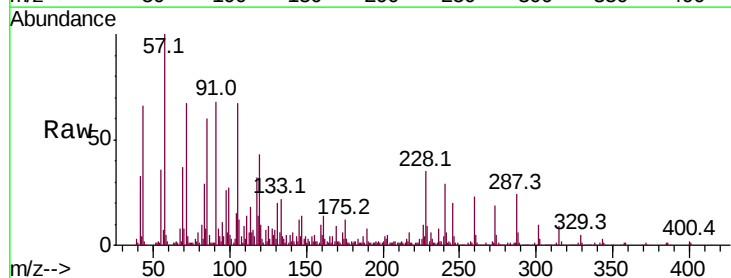
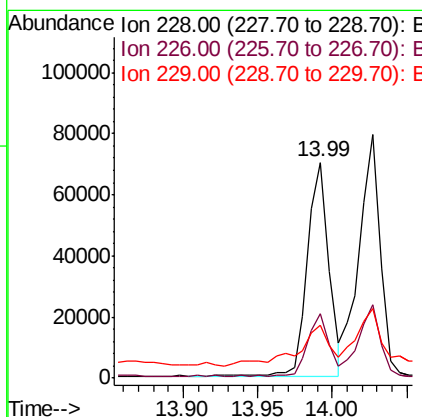
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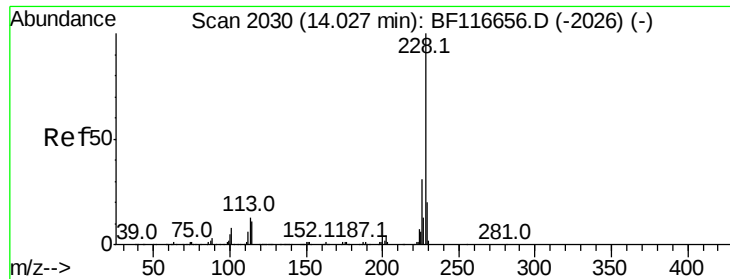
mohammad
 8/31/2019 2:45:35 PM



#81
 Benzo(a)anthracene
 Concen: 6.989 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF116676.D
 Acq: 31 Aug 2019 3:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.0	33.0
229	24.6	16.4	24.6





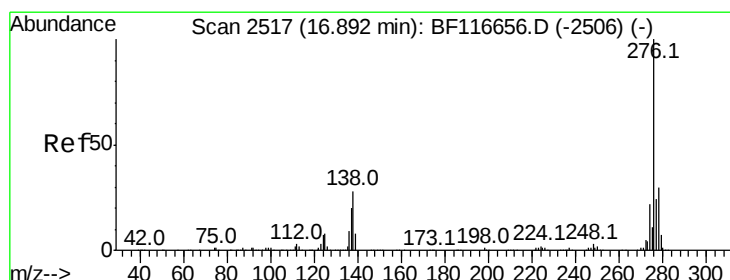
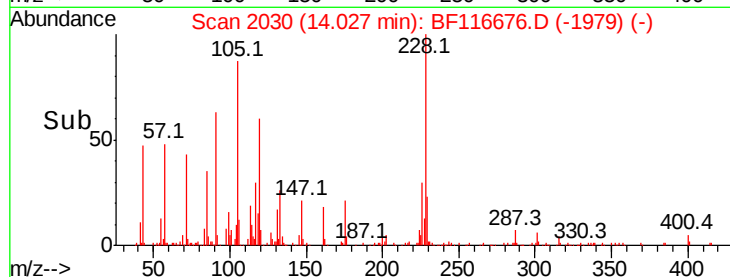
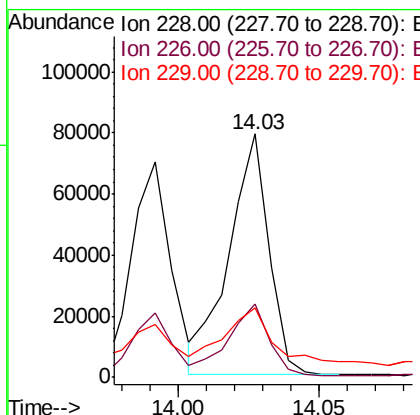
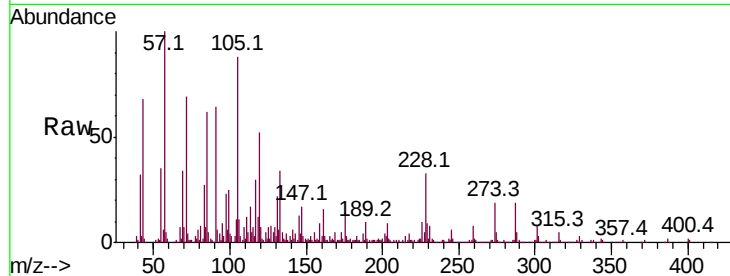
#83
Chrysene
Concen: 7.456 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :
T9-12-13-T1-T4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	28.4	15.4	23.0

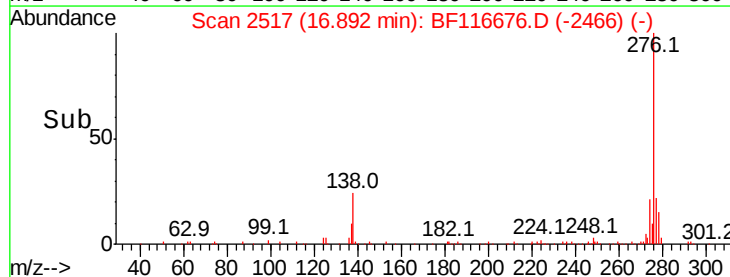
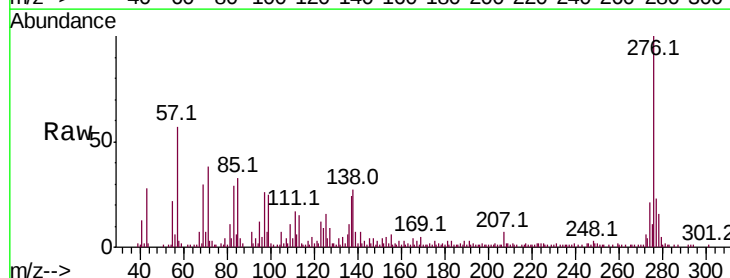
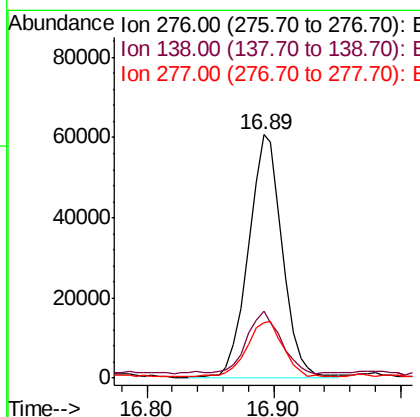
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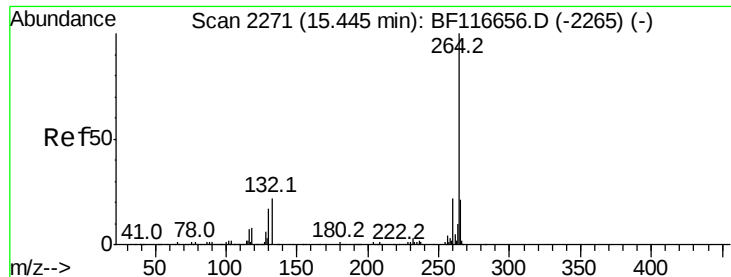
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 13.575 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	19.4	29.2
277	24.4	20.5	30.7





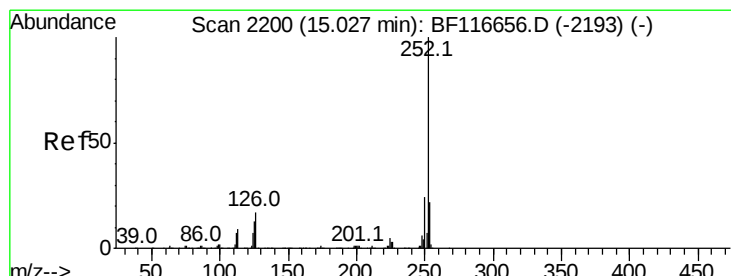
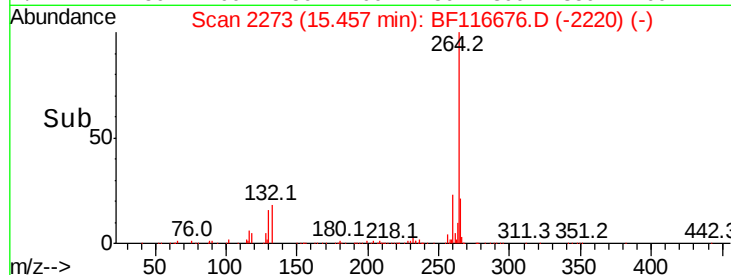
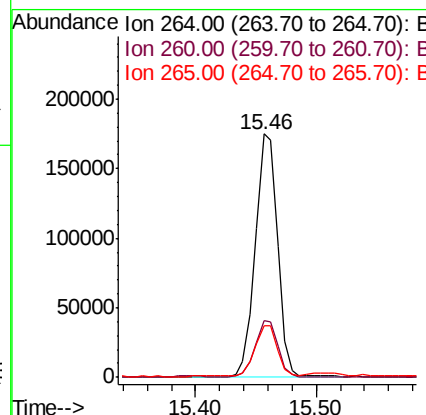
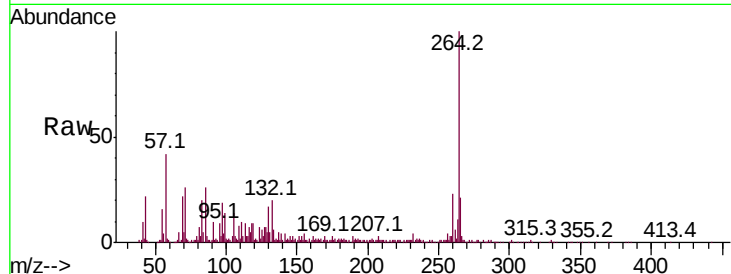
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :
T9-12-13-T1-T4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.2	16.5	24.7

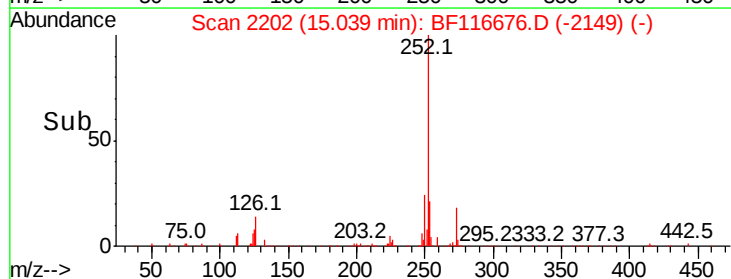
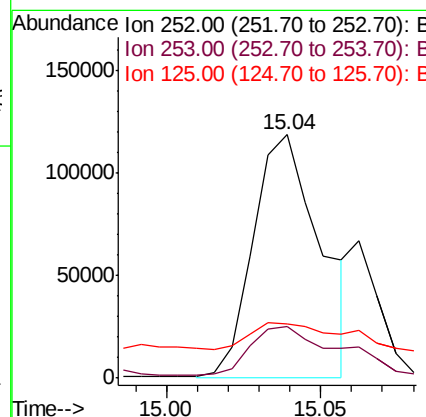
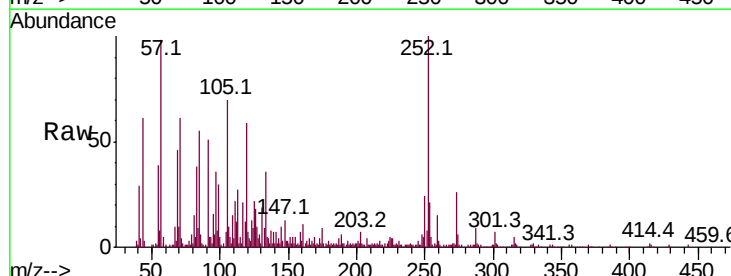
Manual Integrations
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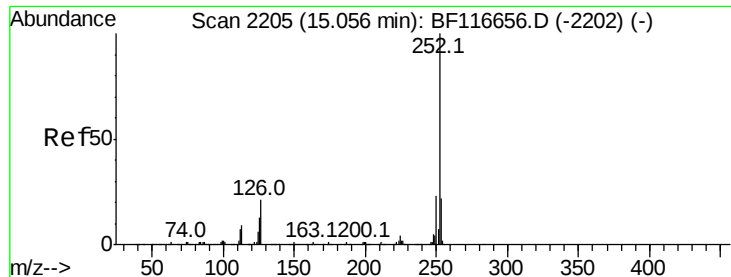
mohammad
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#88
Benzo(b)fluoranthene
Concen: 12.969 ng m
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	22.2	8.2	12.2#





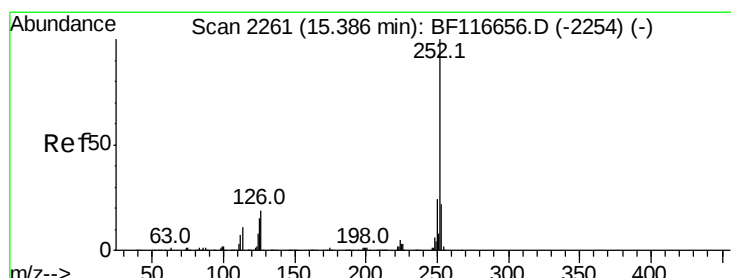
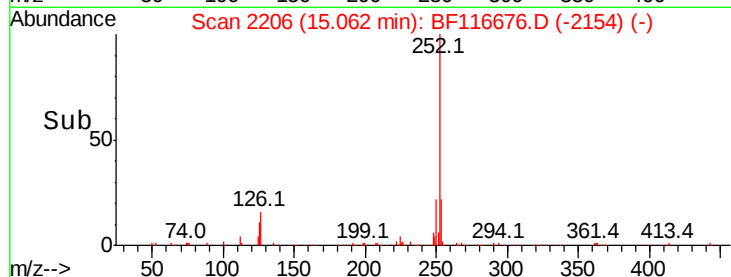
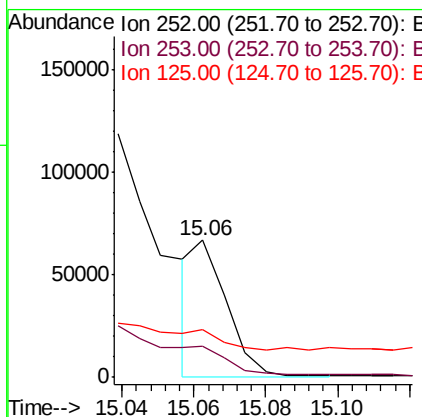
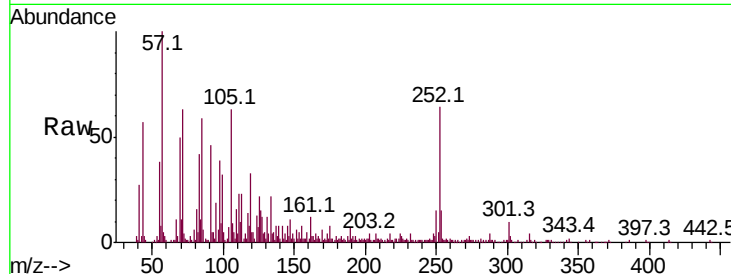
#89
Benzo(k)fluoranthene
Concen: 3.493 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :
T9-12-13-T1-T4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	34.5	8.6	13.0

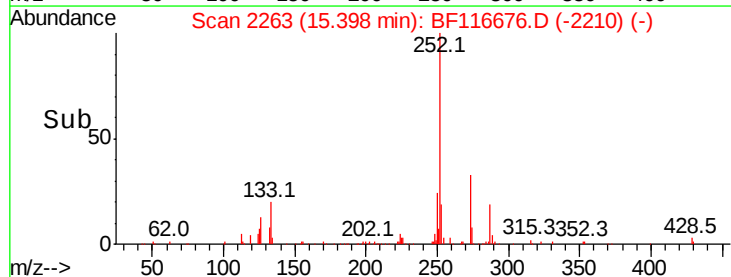
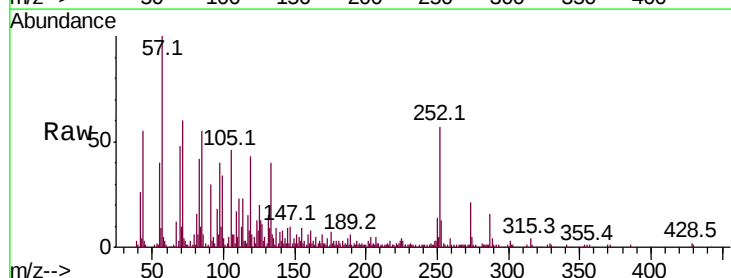
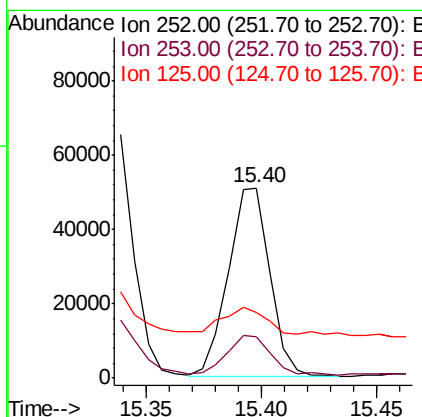
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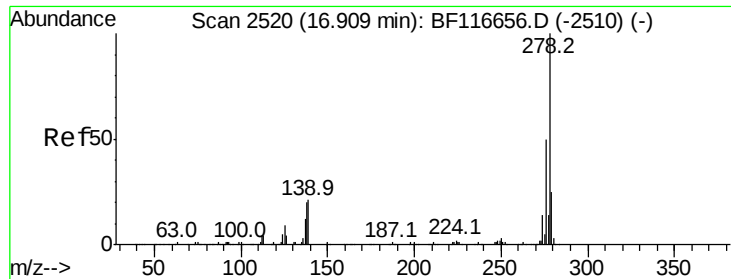
mohammad
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#90
Benzo(a)pyrene
Concen: 5.331 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	34.9	9.8	14.8





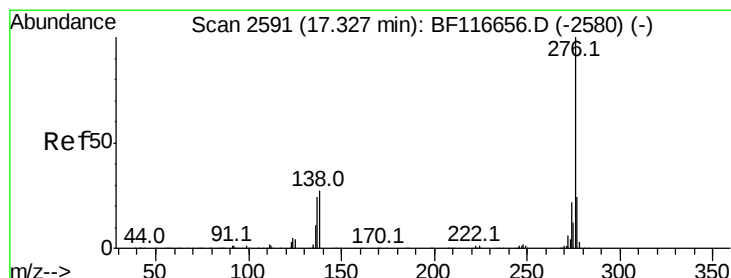
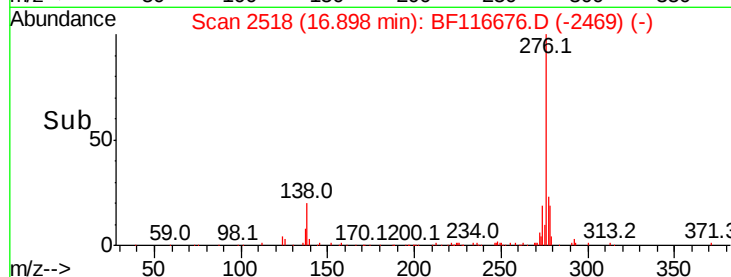
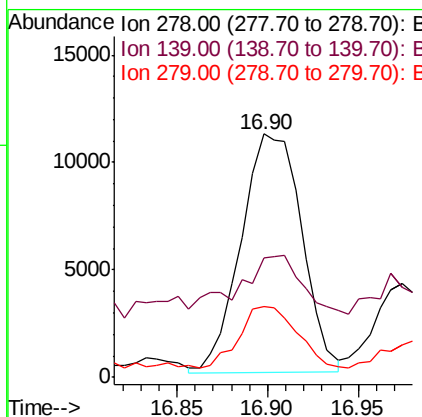
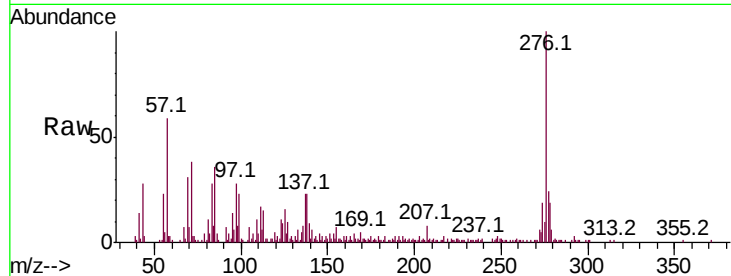
#91
Dibenzo(a,h)anthracene
Concen: 2.466 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Instrument :
BNA_F
ClientSampleId :
T9-12-13-T1-T4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
278	100		
139	48.9	12.4	18.6#
279	28.9	18.2	27.4#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 11.797 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.00 min
Lab File: BF116676.D
Acq: 31 Aug 2019 3:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	27.4	16.2	24.2#

