

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116838.D
 Acq On : 5 Sep 2019 15:21
 Operator : HP/JU
 Sample : K4680-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-1-4-(0-1.5)

Manual Integrations
 APPROVED

mohammad
 9/10/2019 9:52:20 AM

Quant Time: Sep 06 04:19:38 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	87072	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	362126	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	191870	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	306101	20.00	ng	0.00
76) Chrysene-d12	14.00	240	232945	20.00	ng	0.00
87) Perylene-d12	15.46	264	217334	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	373788	69.55	ng	0.00
7) Phenol-d6	6.47	99	522952	74.10	ng	0.00
23) Nitrobenzene-d5	7.40	82	317536	50.06	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	104542	81.50	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	576284	50.67	ng	-0.01
79) Terphenyl-d14	12.95	244	540582	42.93	ng	0.00
Target Compounds						
10) Phenol	6.49	94	18035	2.308	ng	91
50) Dimethylphthalate	9.59	163	62704	4.734	ng	97
71) Phenanthrene	11.39	178	99052	5.813	ng	100
75) Fluoranthene	12.57	202	115365	6.889	ng	100
78) Pyrene	12.80	202	158048	7.632	ng	98
81) Benzo(a)anthracene	13.99	228	82440m	5.592	ng	
83) Chrysene	14.02	228	76194	5.016	ng	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	35464	2.853	ng	99
88) Benzo(b)fluoranthene	15.03	252	62104m	4.726	ng	
90) Benzo(a)pyrene	15.39	252	50086	4.381	ng	97
92) Benzo(g,h,i)perylene	17.34	276	26347	2.582	ng	98

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

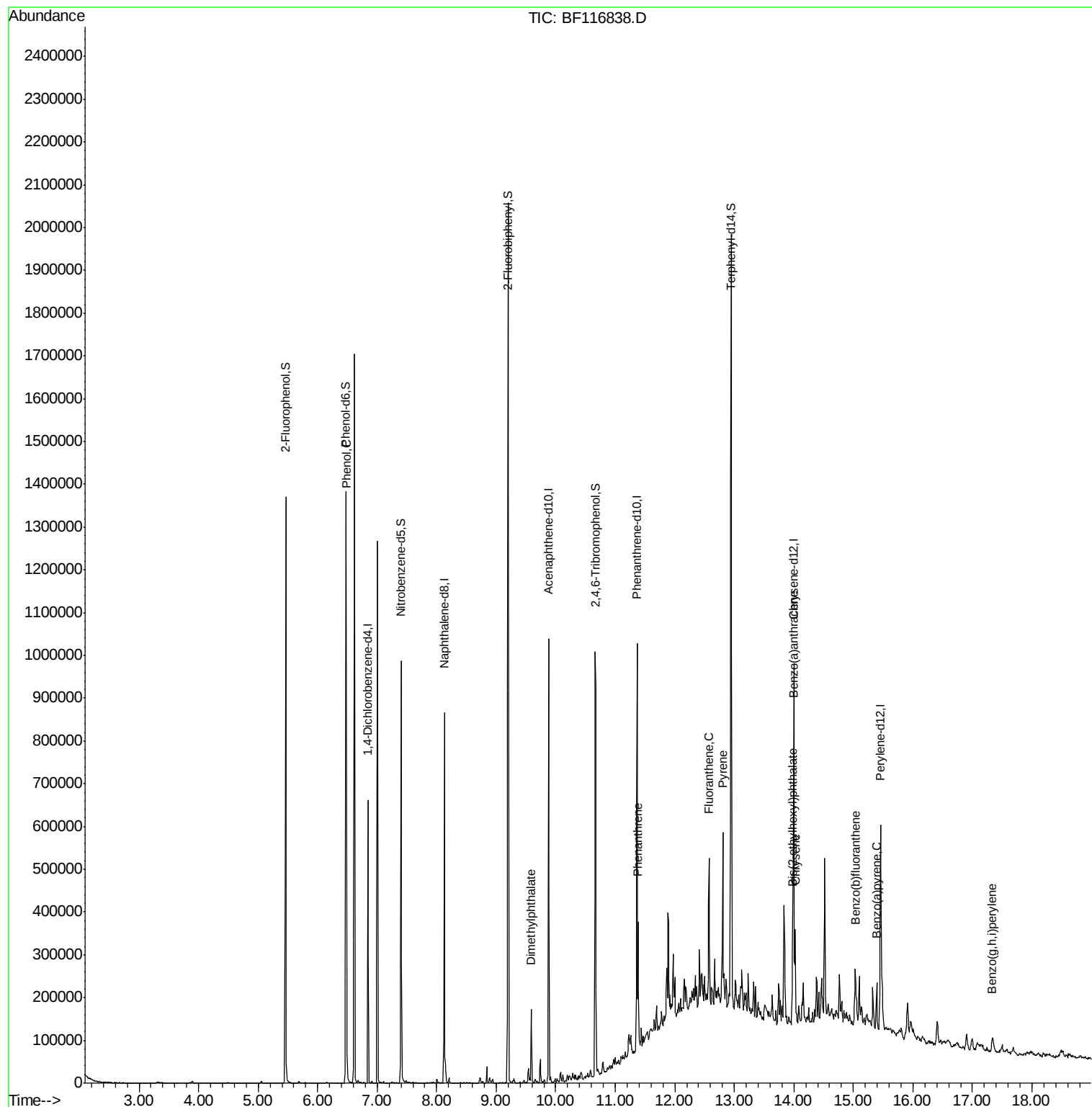
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116838.D
Acq On : 5 Sep 2019 15:21
Operator : HP/JU
Sample : K4680-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
T1-1-4-(0-1.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

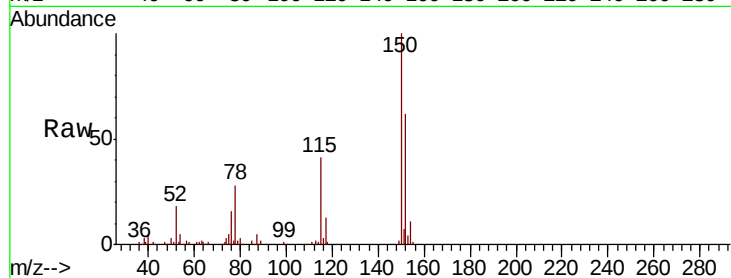
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Instrument :
BNA_F
ClientSampleId :
T1-1-4-(0-1.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.4	186.6
115	66.6	49.9	74.9

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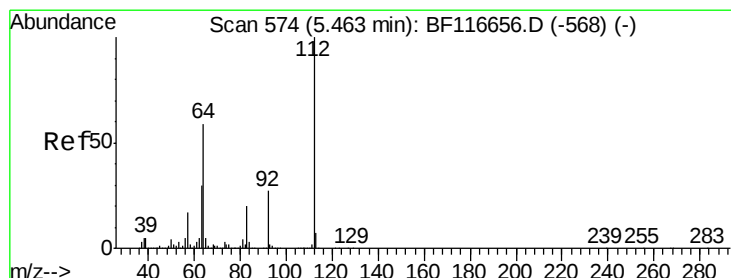
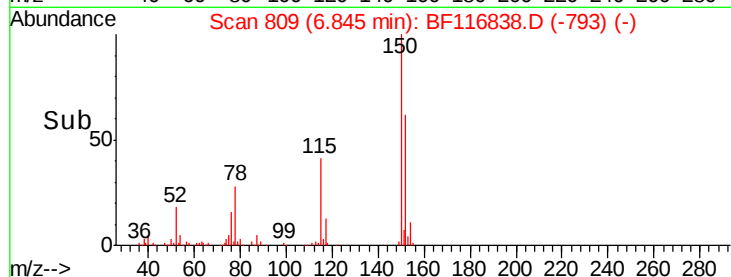
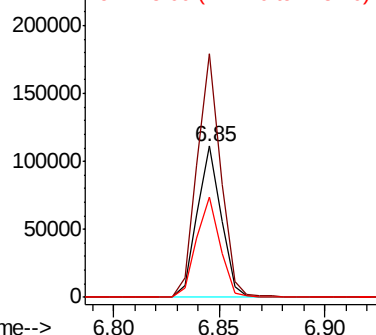


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

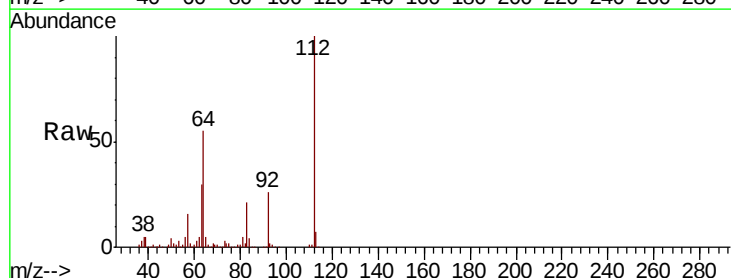
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 69.547 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.1	70.7
63	29.9	24.9	37.3

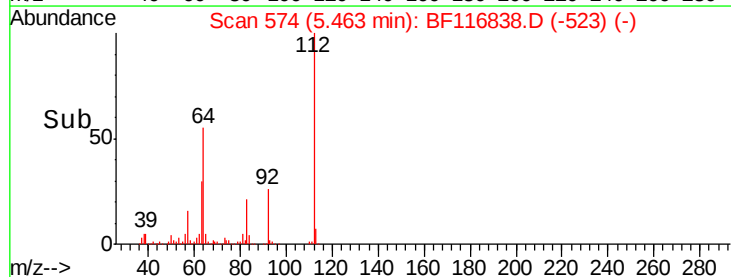
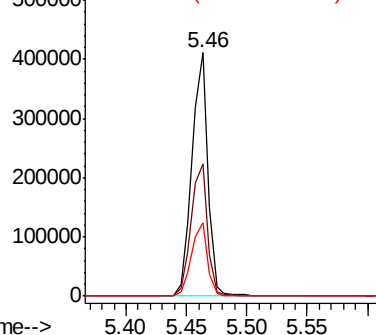


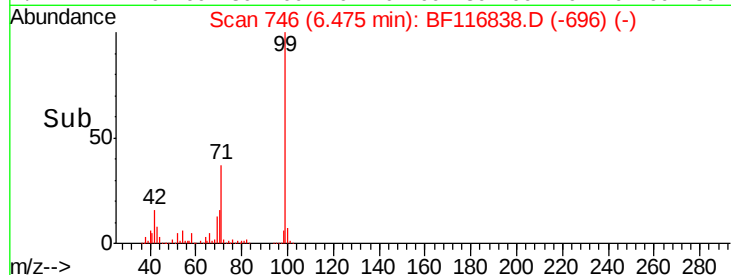
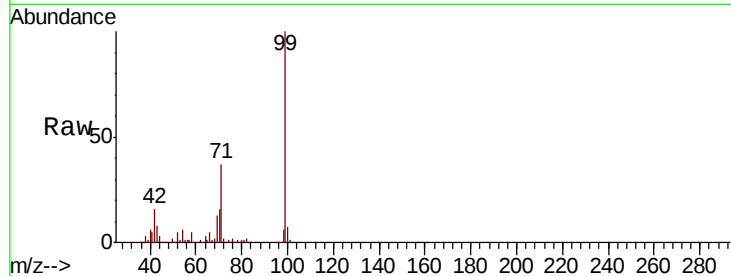
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 74.099 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116838.D

Acq: 5 Sep 2019 15:21

Tot Ion:	99	Resp:	522952
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.7	20.5
71	37.0	30.8	46.2

Instrument :

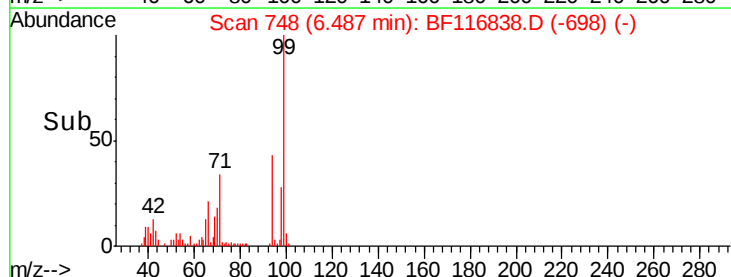
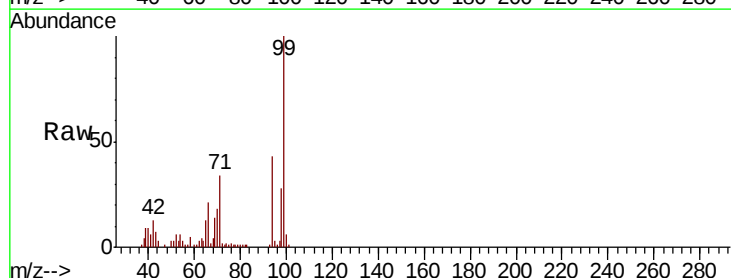
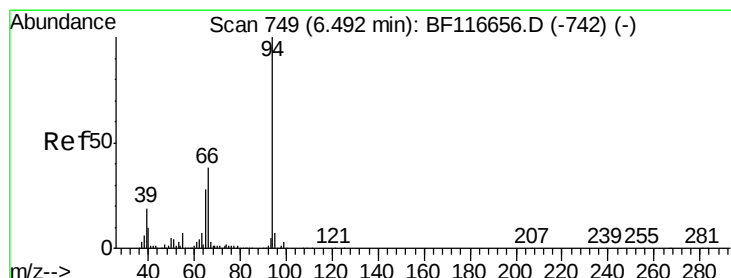
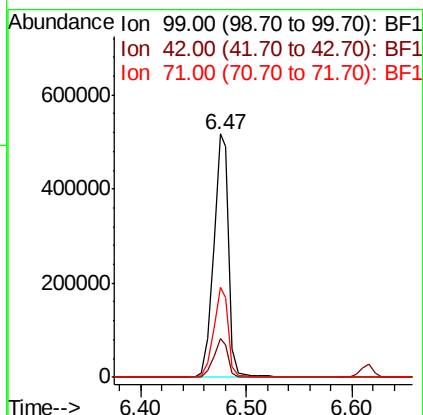
BNA_F

ClientSampleId :

T1-1-4-(0-1.5)

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#10

Phenol

Concen: 2.308 ng

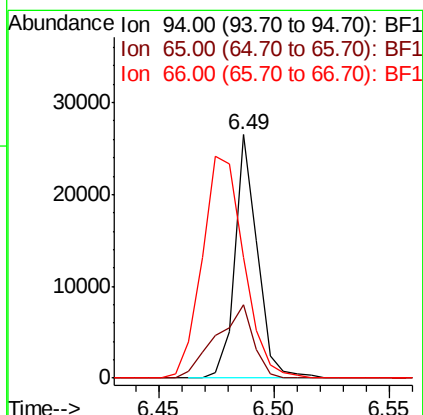
RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116838.D

Acq: 5 Sep 2019 15:21

Tgt Ion:	94	Resp:	18035
Ion Ratio	Lower	Upper	
94	100		
65	30.0	10.8	50.8
66	49.8	21.1	61.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116838.D

Acq: 5 Sep 2019 15:21

Instrument :

BNA_F

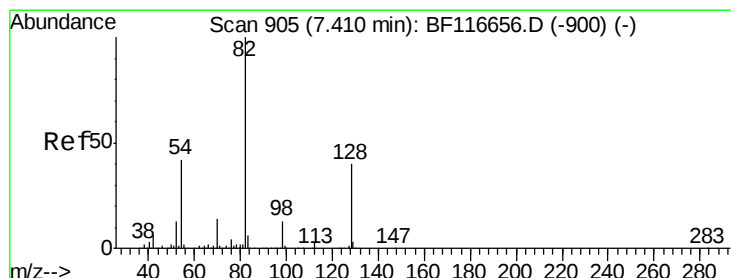
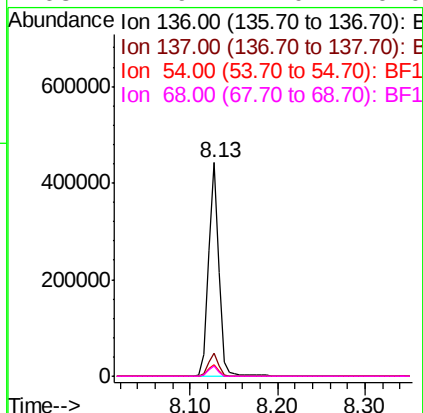
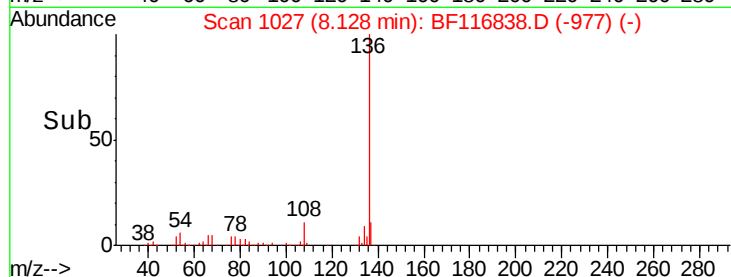
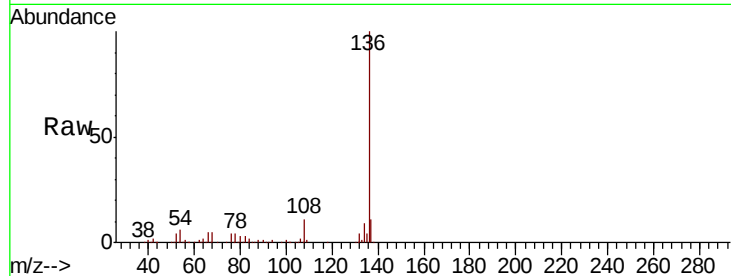
ClientSampleId :

T1-1-4-(0-1.5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	362126		
137	11.1	8.9	13.3	
54	5.6	4.8	7.2	
68	4.9	4.0	6.0	

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#23

Nitrobenzene-d5

Concen: 50.058 ng

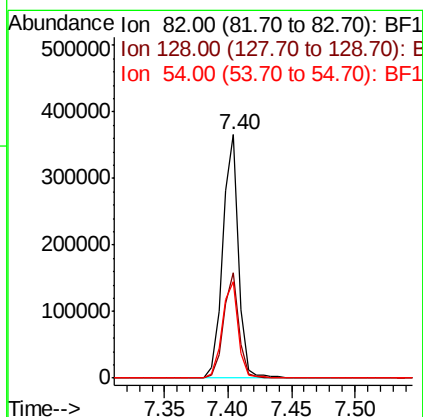
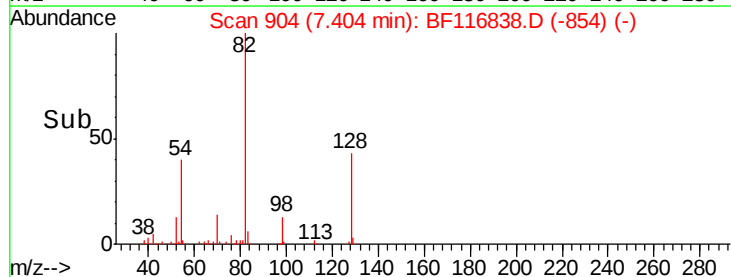
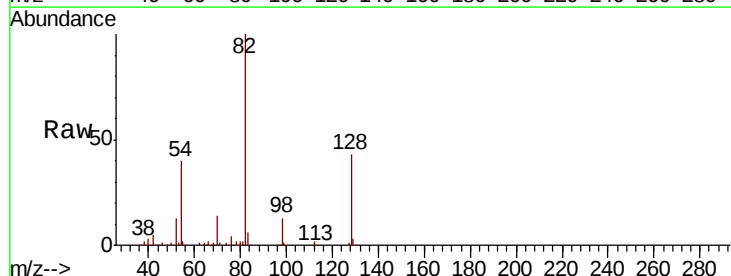
RT: 7.40 min Scan# 904

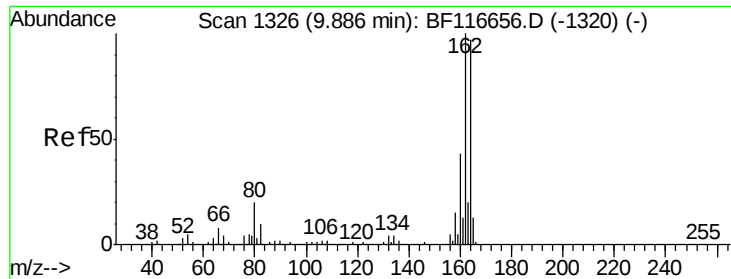
Delta R.T. -0.01 min

Lab File: BF116838.D

Acq: 5 Sep 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	317536		
128	43.0	32.8	49.2	
54	39.7	36.9	55.3	





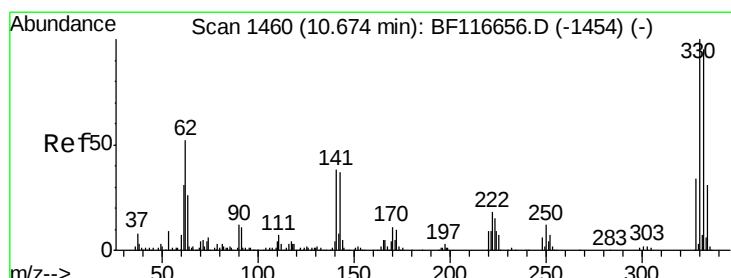
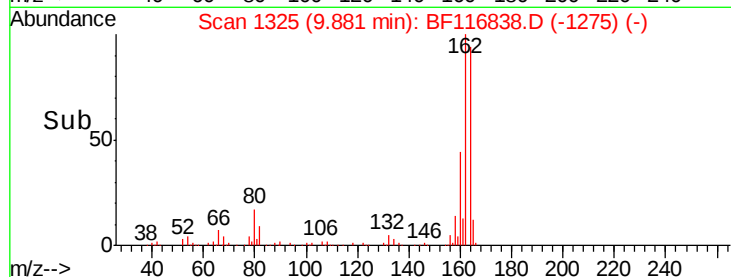
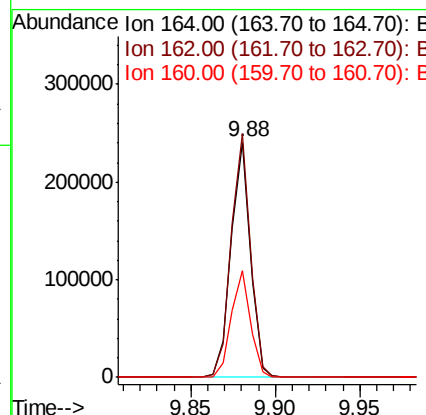
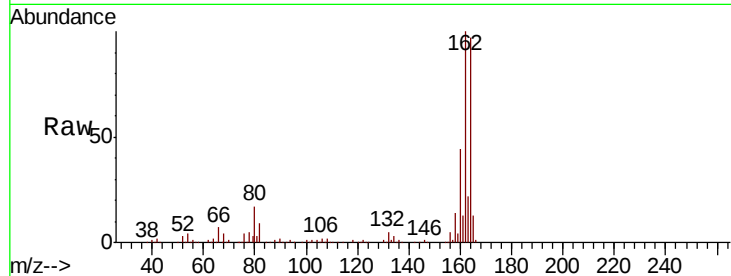
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Instrument :
BNA_F
ClientSampleId :
T1-1-4-(0-1.5)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	191870		
162	103.6	81.4	122.0	
160	45.6	35.4	53.2	

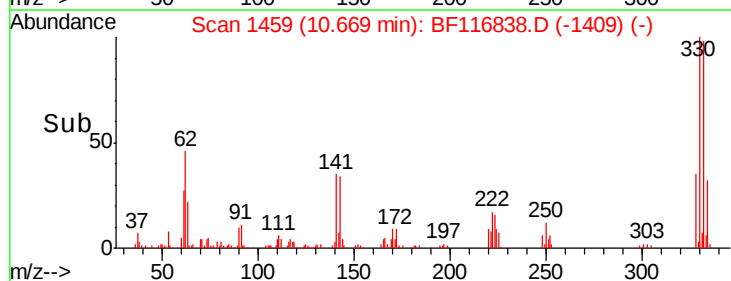
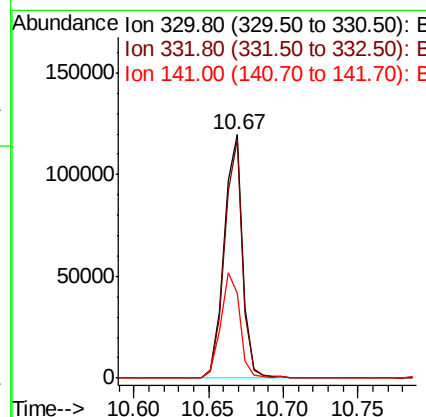
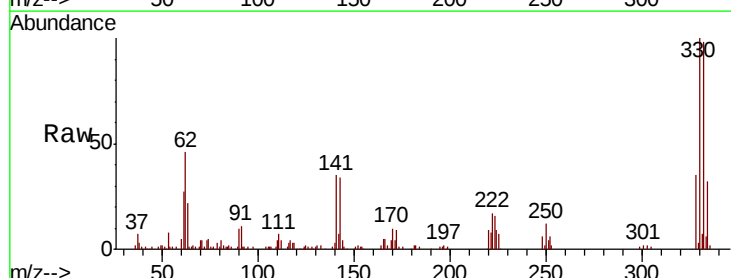
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#42
2,4,6-Tribromophenol
Concen: 81.502 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	104542		
332	95.5	76.9	115.3	
141	45.3	31.4	47.2	





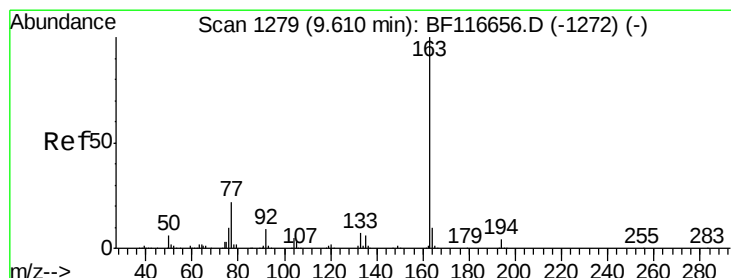
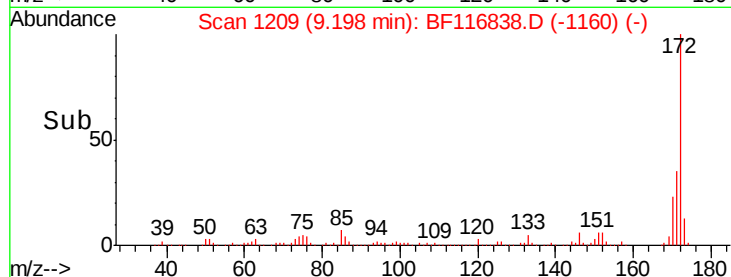
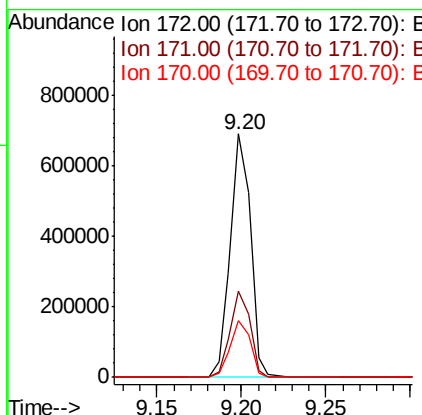
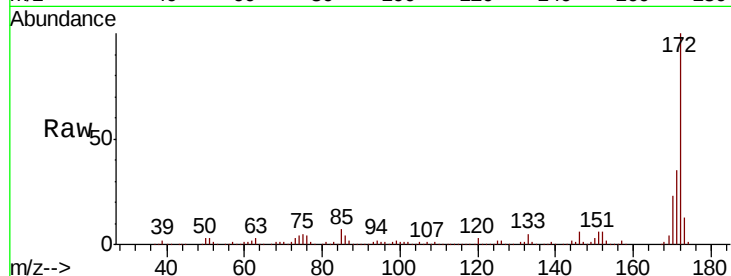
#45
2-Fluorobiphenyl
Concen: 50.666 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Instrument :
BNA_F
ClientSampleId :
T1-1-4-(0-1.5)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	576284		
171	35.4		27.8	41.6
170	23.3		18.9	28.3

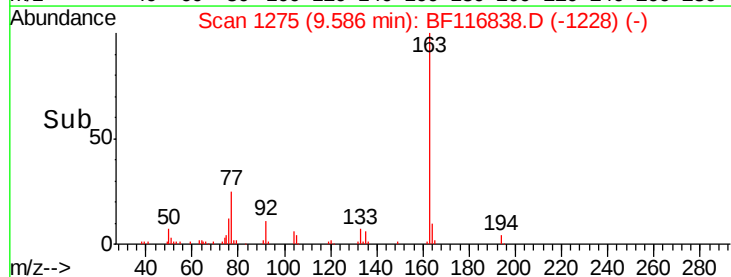
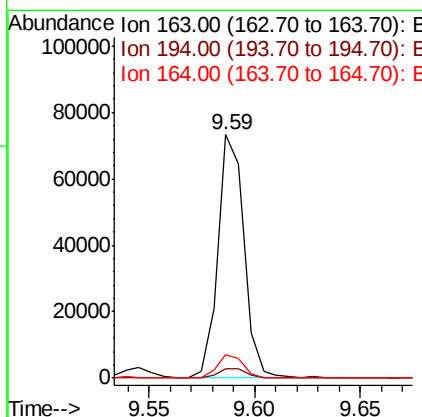
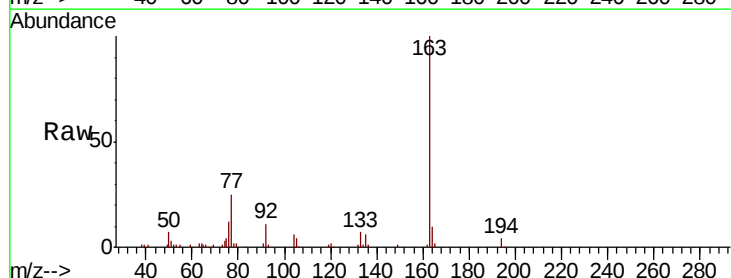
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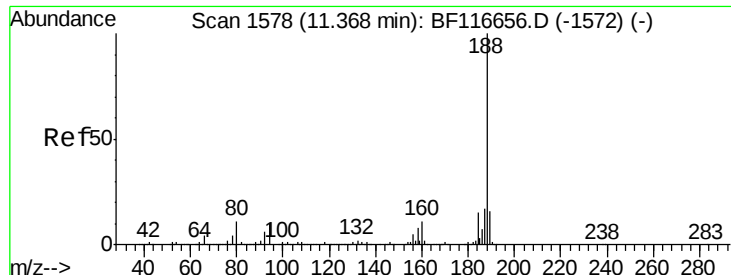
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#50
Dimethylphthalate
Concen: 4.734 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	62704		
194	4.0		2.8	4.2
164	9.6		8.6	12.8





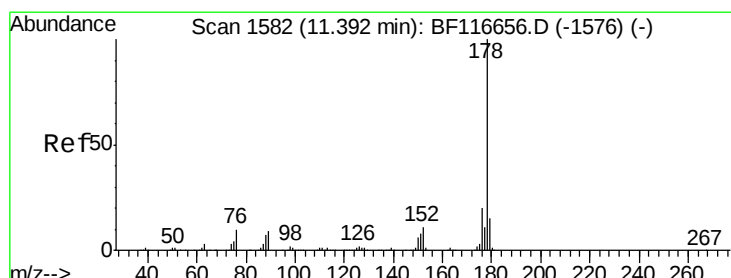
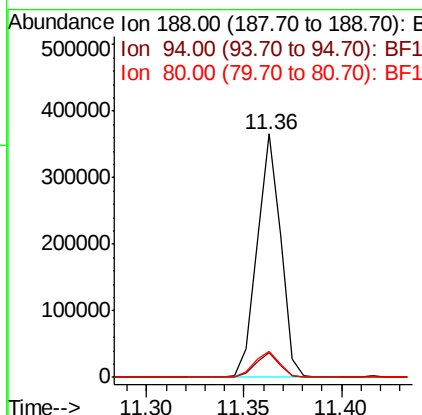
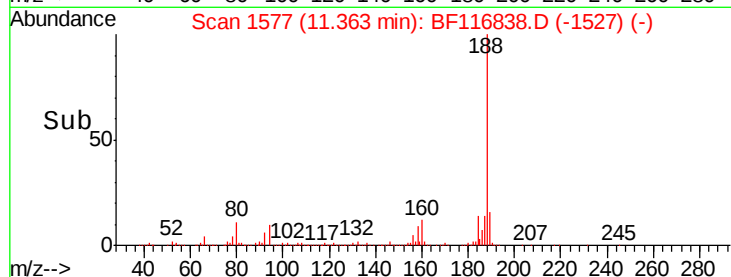
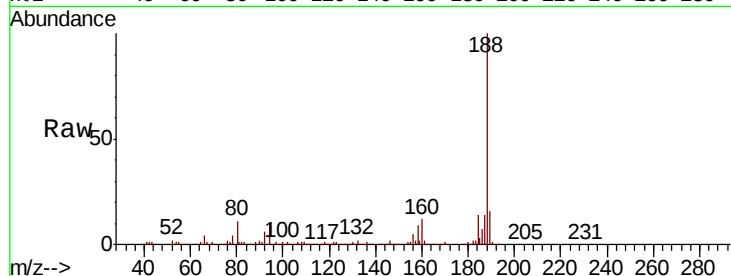
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Instrument :
BNA_F
ClientSampled :
T1-1-4-(0-1.5)

Tot Ion:	188	Resp:	306101
Ion Ratio	Lower	Upper	
188	100		
94	10.0	7.3	10.9
80	10.9	8.4	12.6

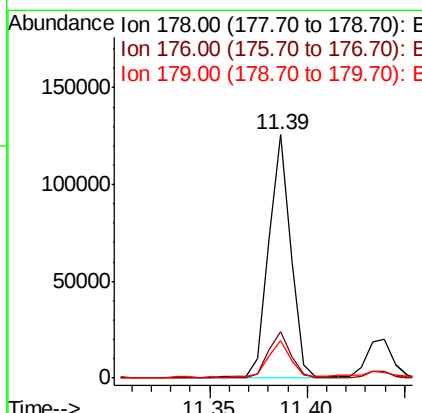
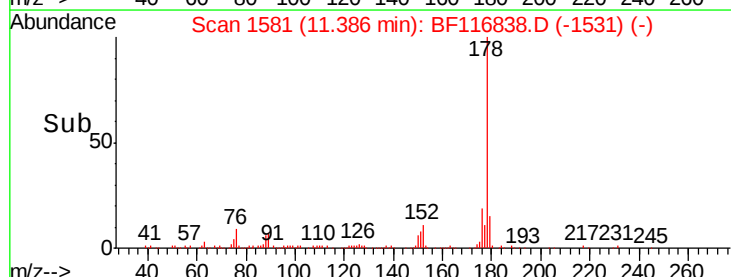
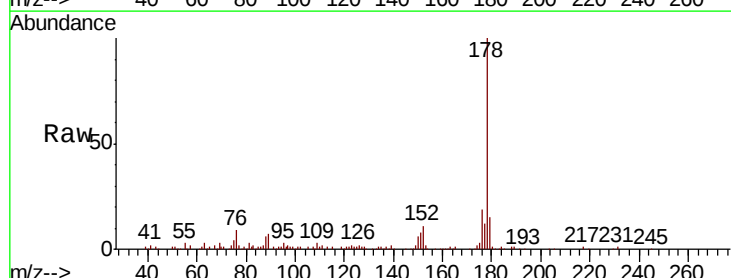
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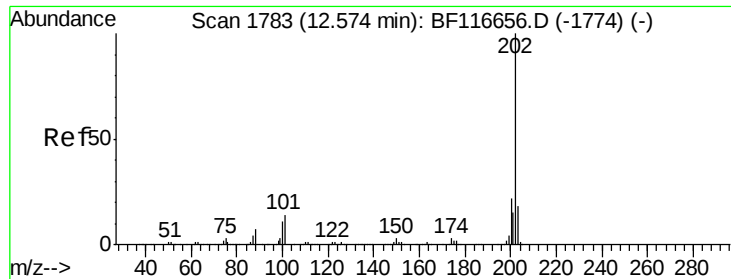
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#71
Phenanthrene
Concen: 5.813 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Tgt Ion:	178	Resp:	99052
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.0
179	15.4	12.2	18.2





#75

Fluoranthene

Concen: 6.889 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116838.D

Acq: 5 Sep 2019 15:21

Instrument :

BNA_F

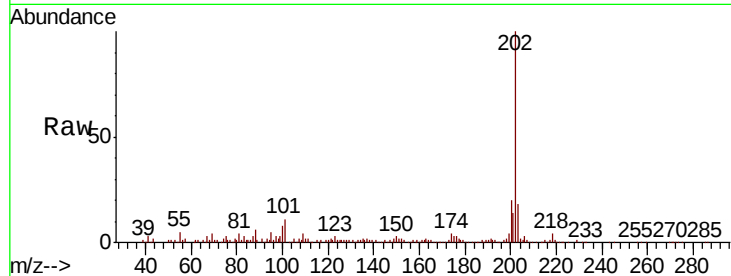
ClientSampleId :

T1-1-4-(0-1.5)

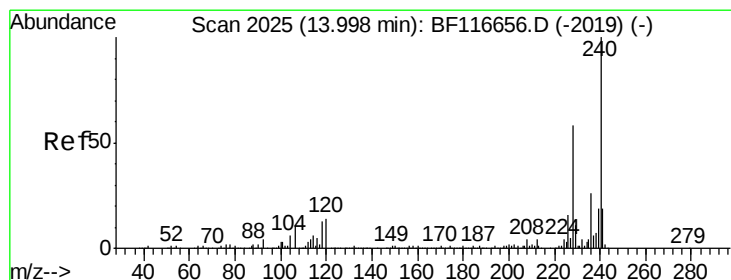
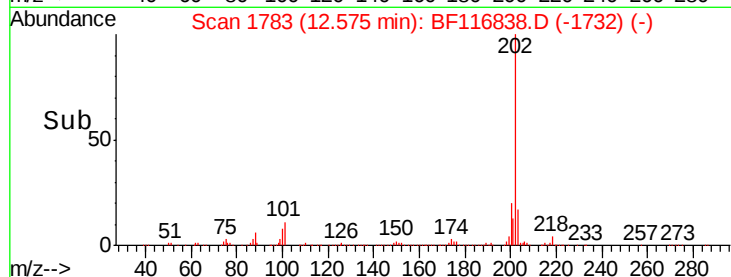
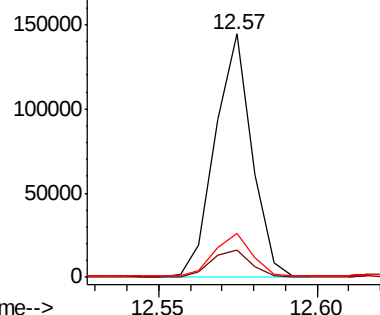
Tot Ion	Ratio	Resp	Lower	Upper
202	100	115365		
101	11.4	0.0	31.3	
203	17.8	0.0	37.6	

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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

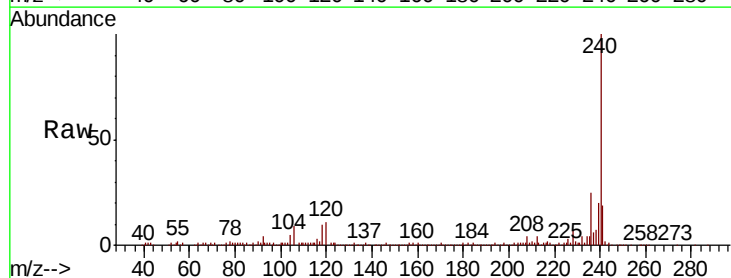
RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

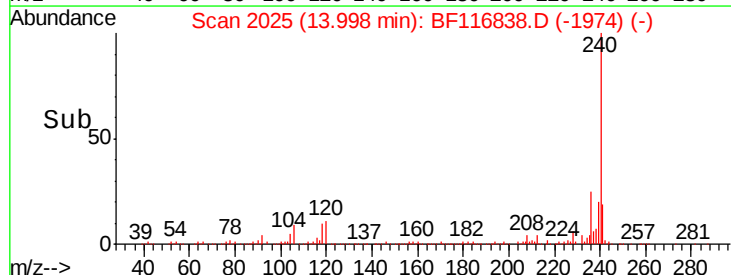
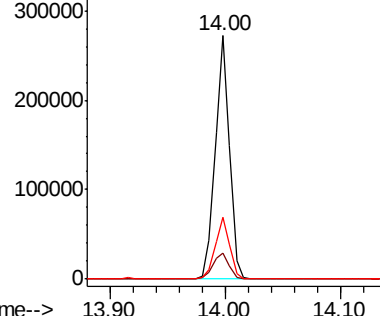
Lab File: BF116838.D

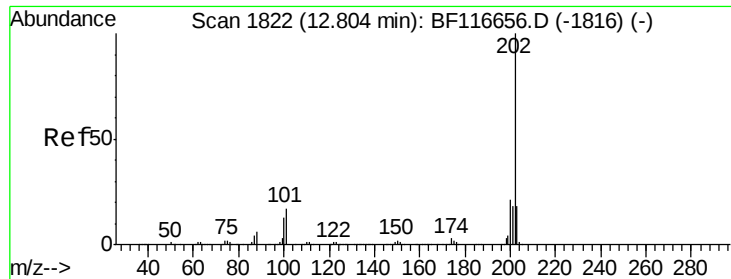
Acq: 5 Sep 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	232945		
120	10.8	9.1	13.7	
236	25.2	21.1	31.7	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





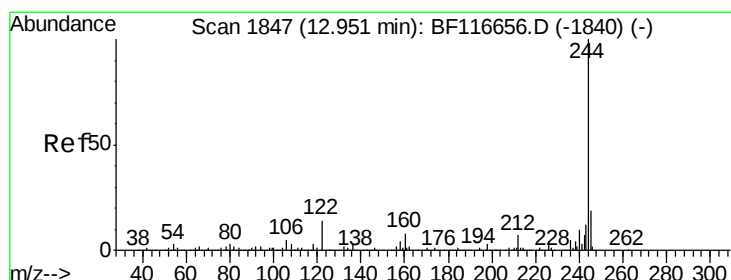
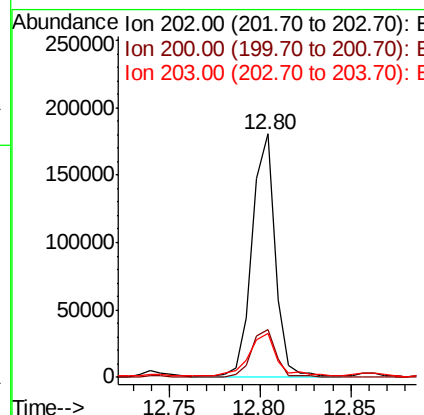
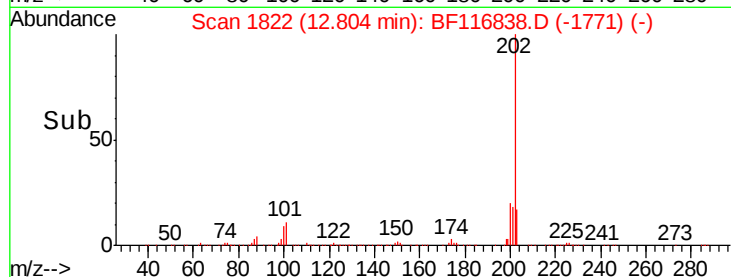
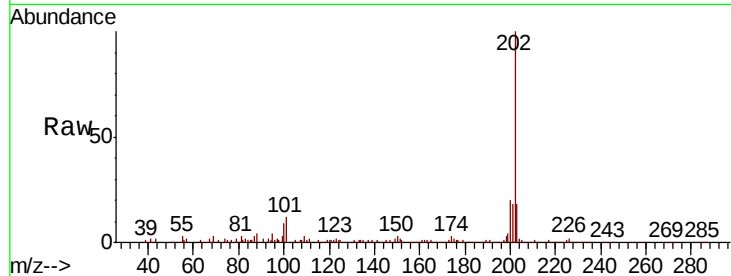
#78
Pvrene
Concen: 7.632 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Instrument :
BNA_F
ClientSampleId :
T1-1-4-(0-1.5)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	158048		
200	19.7		16.5	24.7
203	17.9		13.7	20.5

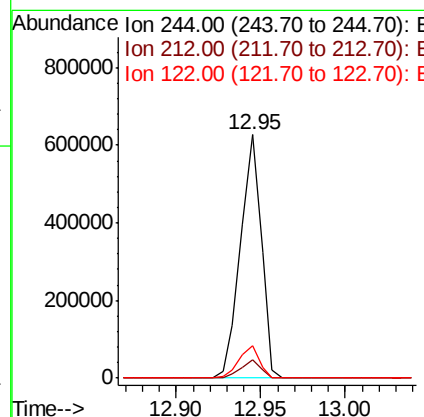
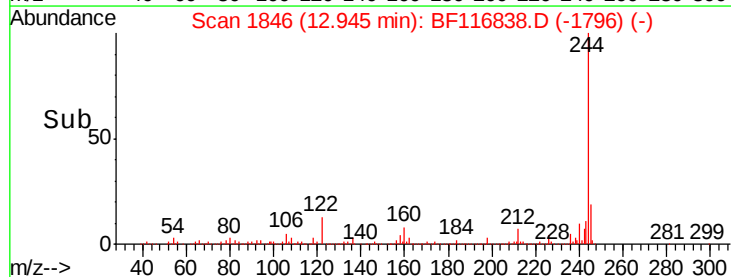
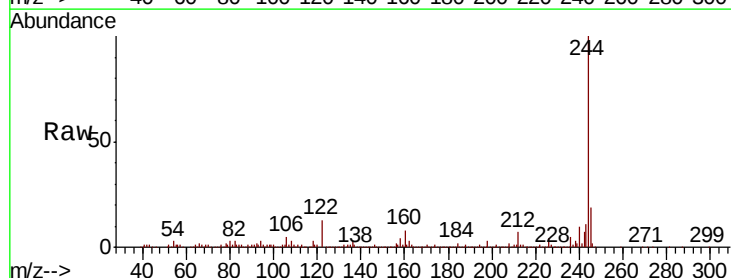
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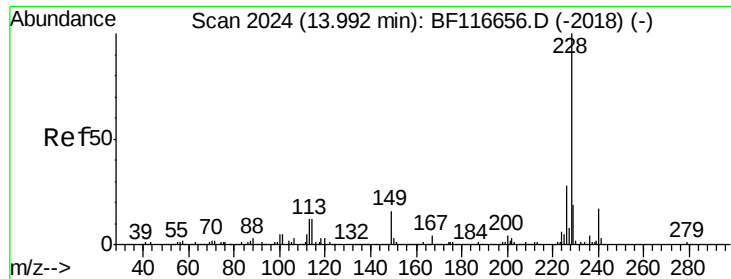
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#79
Terphenyl-d14
Concen: 42.931 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	540582		
212	7.3		6.1	9.1
122	13.4		10.2	15.4





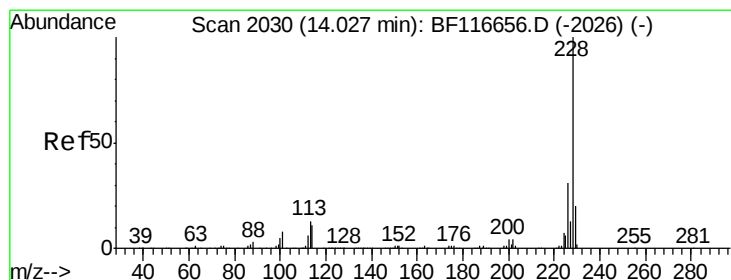
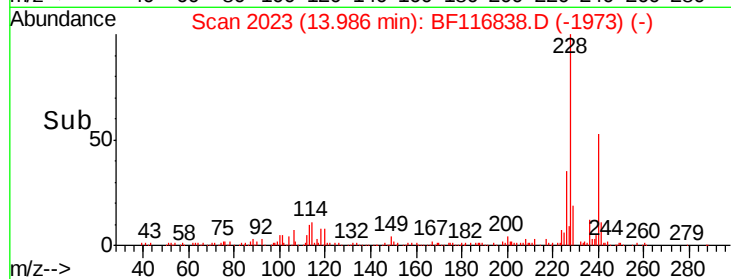
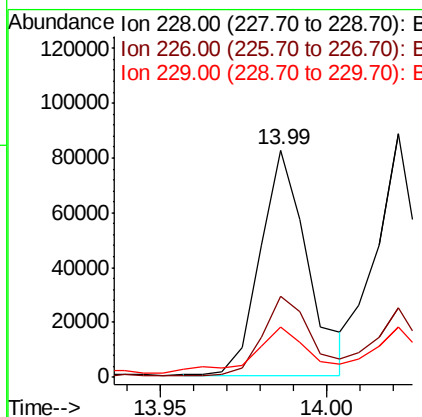
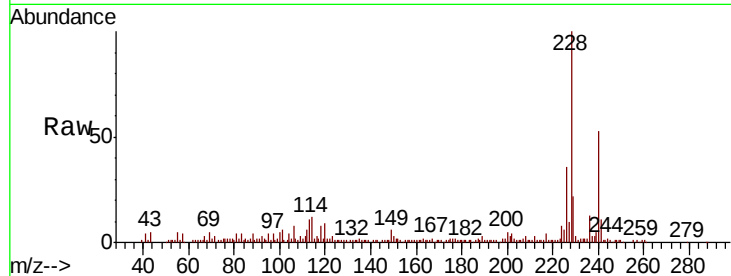
#81
Benzo(a)anthracene
Concen: 5.592 ng m
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Instrument :
BNA_F
ClientSampleId :
T1-1-4-(0-1.5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.6	22.0	33.0#
229	22.1	16.4	24.6

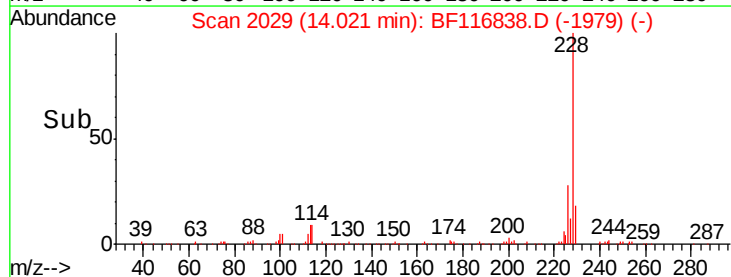
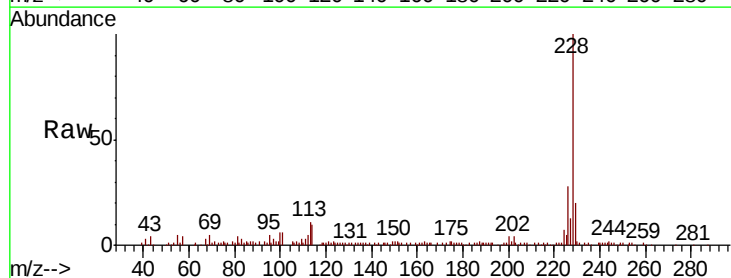
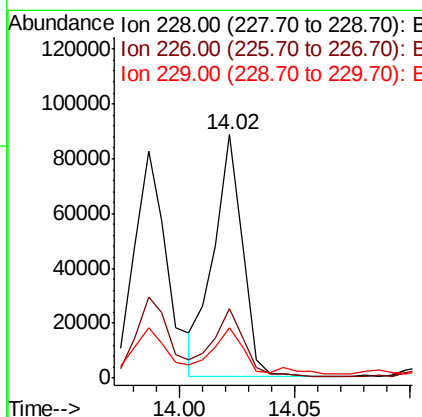
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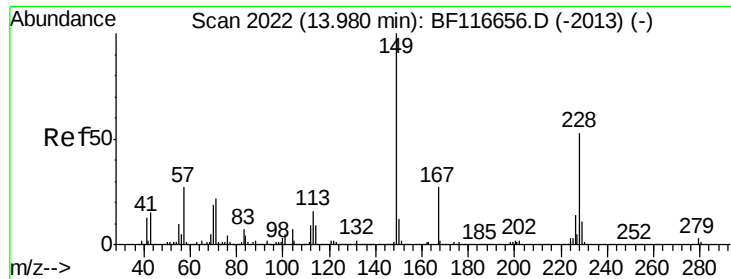
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#83
Chrysene
Concen: 5.016 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.0	36.0
229	20.5	15.4	23.0





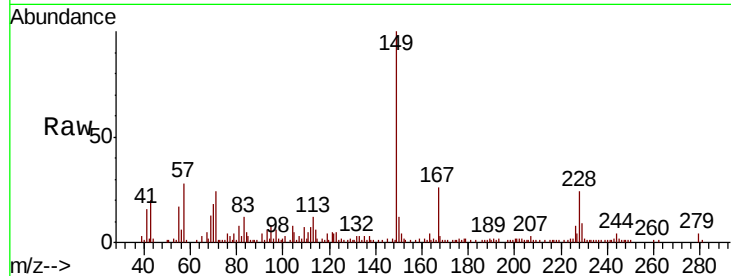
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.853 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Instrument :
BNA_F
ClientSampleId :
T1-1-4-(0-1.5)

Tot Ion	Ratio	Resp	Lower	Upper
149	100	35464		
167	26.4	21.0	31.4	
279	3.9	2.8	4.2	

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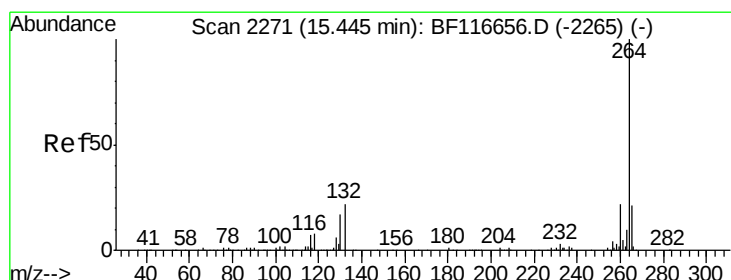
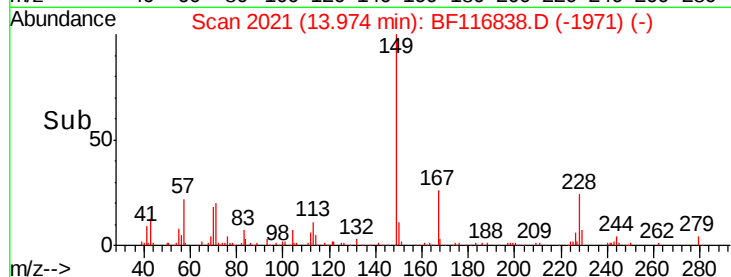
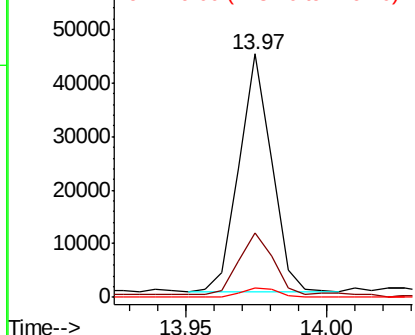


Abundance

Ion 149.00 (148.70 to 149.70): E

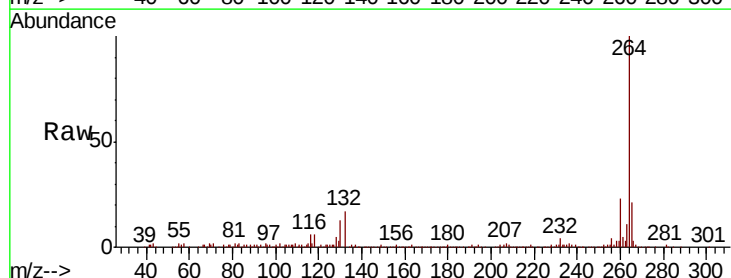
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	217334		
260	23.3	18.3	27.5	
265	21.0	16.5	24.7	

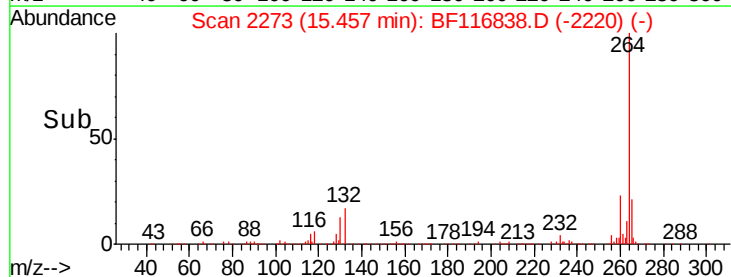
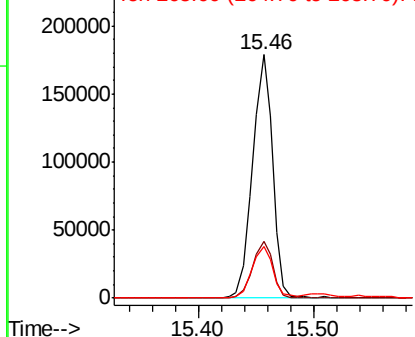


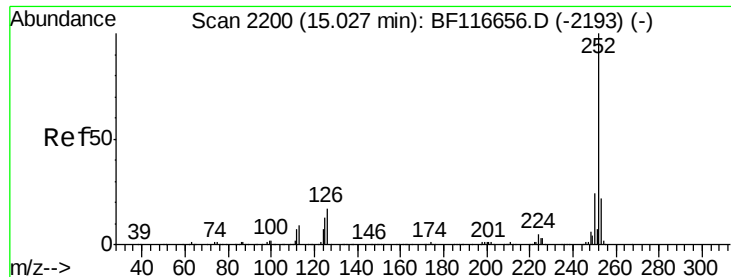
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





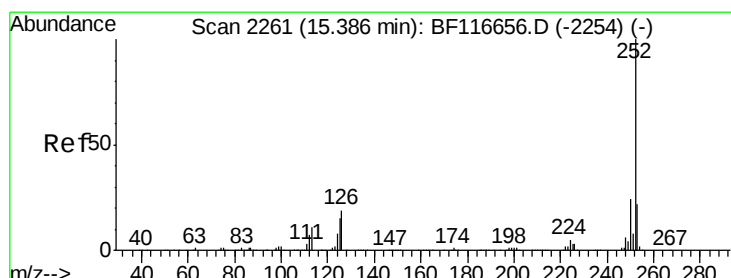
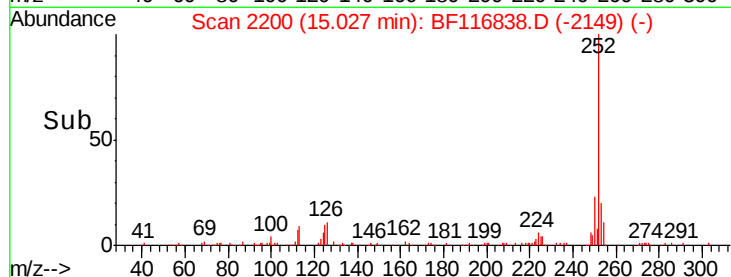
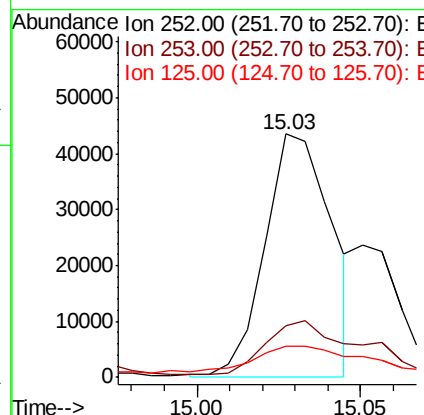
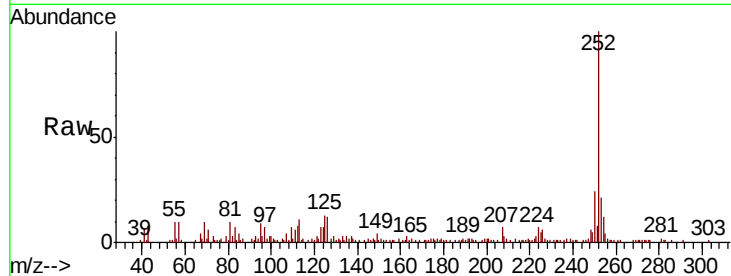
#88
Benzo(b)fluoranthene
Concen: 4.726 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Instrument :
BNA_F
ClientSampleId :
T1-1-4-(0-1.5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	12.7	8.2	12.2

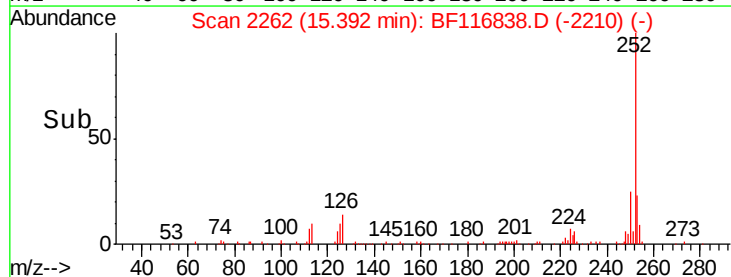
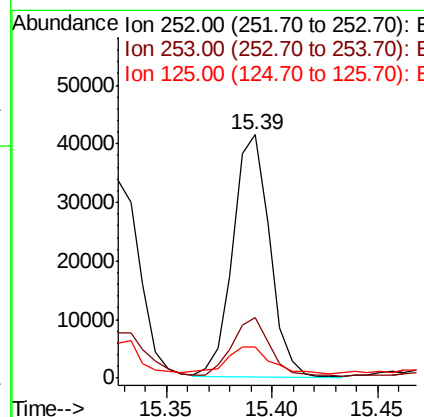
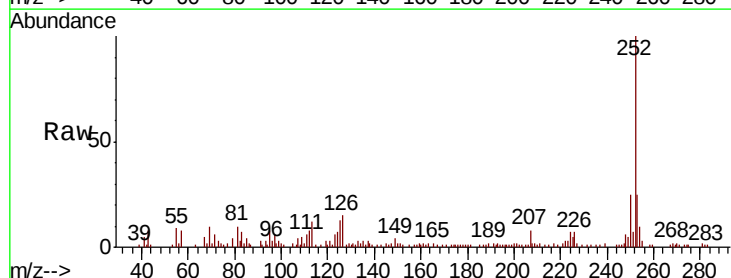
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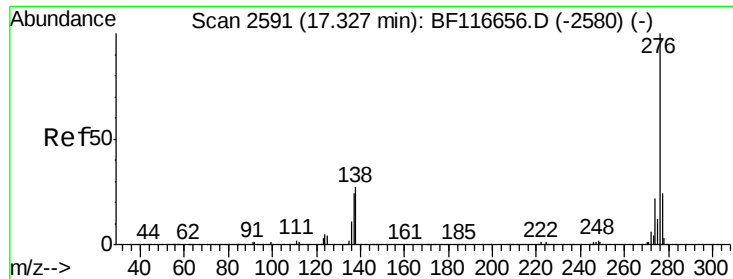
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#90
Benzo(a)pyrene
Concen: 4.381 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116838.D
Acq: 5 Sep 2019 15:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	13.0	9.8	14.8





#92
 Benzo(a,h,i)perylene
 Concen: 2.582 ng
 RT: 17.34 min Scan# 2593
 Delta R.T. 0.01 min
 Lab File: BF116838.D
 Acq: 5 Sep 2019 15:21

Instrument :
 BNA_F
 ClientSampleId :
 T1-1-4-(0-1.5)

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.5	27.7
138	20.8	16.2	24.2

Manual Integrations
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