

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
 Data File : BF112417.D
 Acq On : 6 Feb 2019 13:58
 Operator : JU/SJ
 Sample : K1383-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C5B-SS1-0.0-0.5

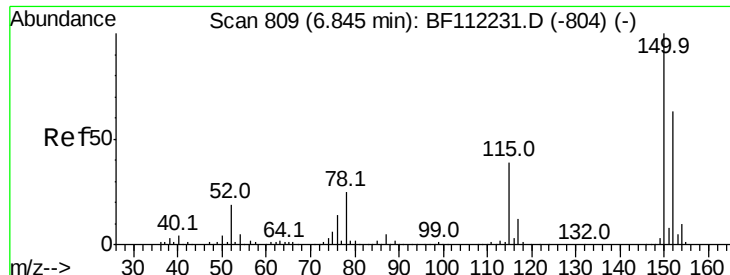
Manual Integrations
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 2/7/2019 8:40:07 AM

Quant Time: Feb 06 15:17:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	156303	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	591823	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	282568	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	527030	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	326318	20.00	ng	-0.01
87) Perylene-d12	15.47	264	306736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	858743	116.70	ng	0.00
7) Phenol-d6	6.48	99	1074826	105.11	ng	-0.01
23) Nitrobenzene-d5	7.39	82	674385	65.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	328908	100.00	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1291360	64.64	ng	-0.02
79) Terphenyl-d14	12.94	244	1162753	67.11	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	79283	7.067	ng	81
50) Dimethylphthalate	9.58	163	103703	4.724	ng	97
71) Phenanthrene	11.38	178	129670	4.733	ng	97
75) Fluoranthene	12.57	202	138750	4.721	ng	97
78) Pyrene	12.80	202	120138	5.318	ng	99
81) Benzo(a)anthracene	13.99	228	43265	2.255	ng	99
83) Chrysene	14.03	228	39507	2.158	ng	100
88) Benzo(b)fluoranthene	15.04	252	42697m	2.328	ng	

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



#1

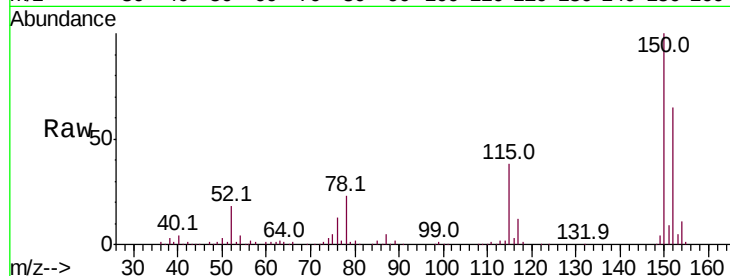
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112417.D
Acq: 6 Feb 2019 13:58

Instrument :
BNA_F
ClientSampleId :
A0C5B-SS1-0.0-0.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.4	191.0
115	57.5	45.5	68.3

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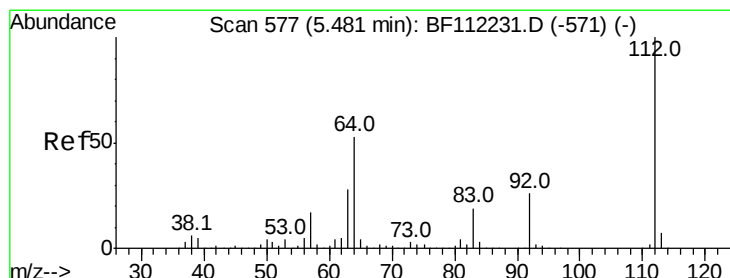
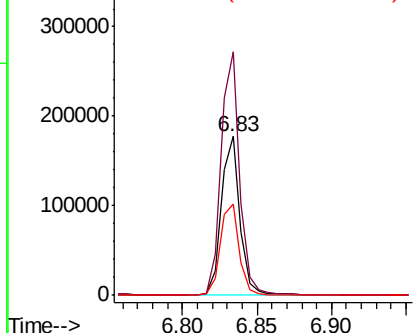
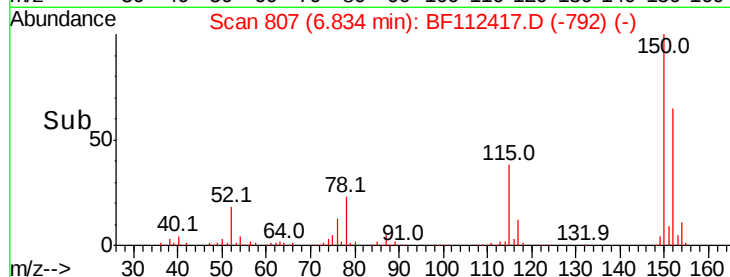


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

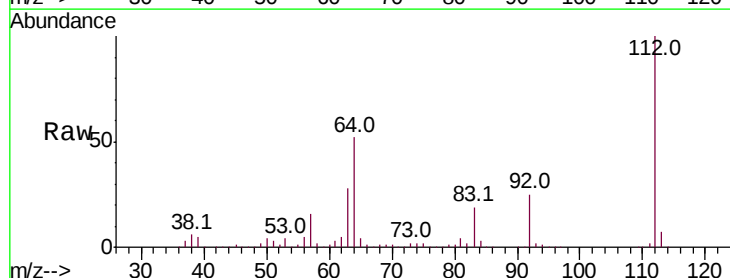
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.698 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112417.D
Acq: 6 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	45.7	68.5
63	28.3	23.6	35.4

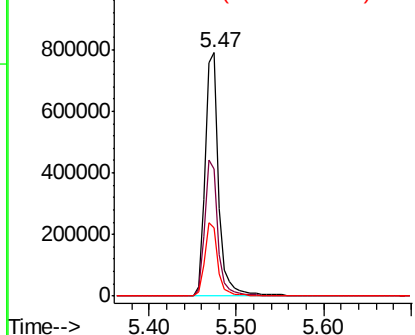
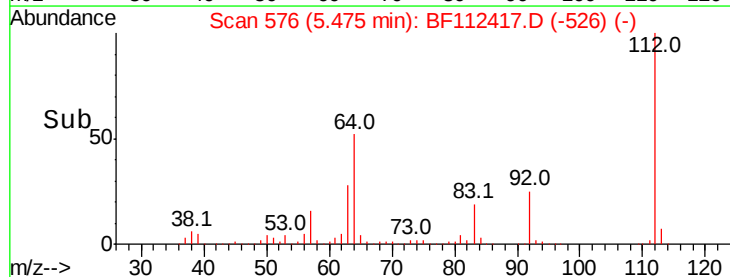


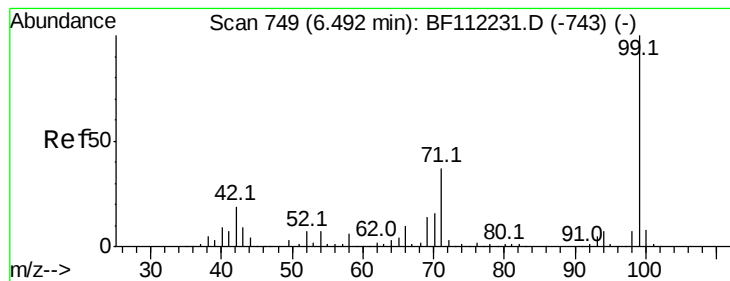
Abundance

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: 105.115 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112417.D

Acq: 6 Feb 2019 13:58

Instrument :

BNA_F

ClientSampleId :

A0C5B-SS1-0.0-0.5

Tot Ion: 99 Resp: 1074826

Ion Ratio Lower Upper

99 100

42 19.4 15.1 22.7

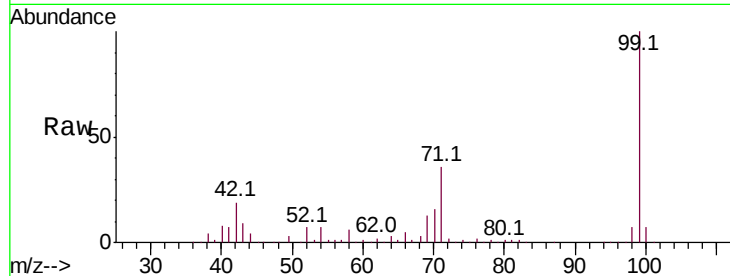
71 36.0 26.9 40.3

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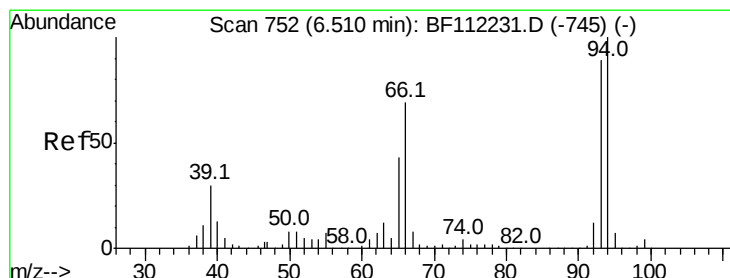
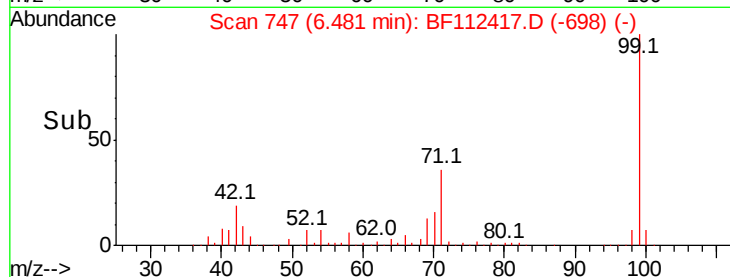
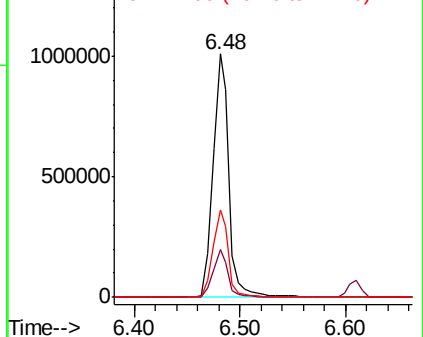
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 7.067 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112417.D

Acq: 6 Feb 2019 13:58

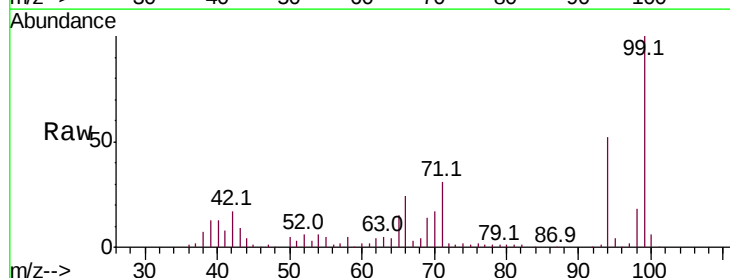
Tgt Ion: 94 Resp: 79283

Ion Ratio Lower Upper

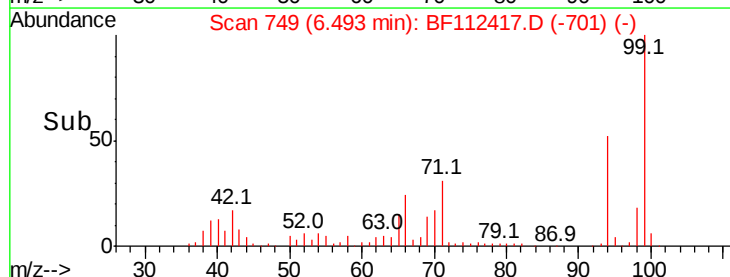
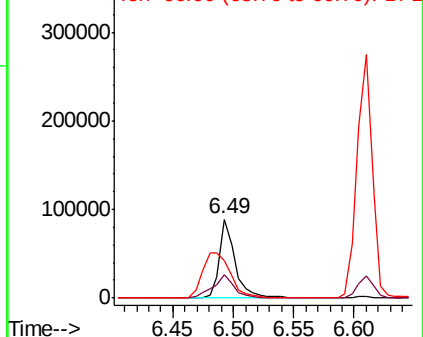
94 100

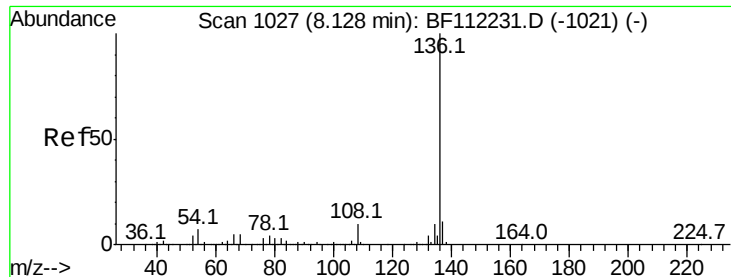
65 29.4 20.3 60.3

66 47.1 42.4 82.4



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





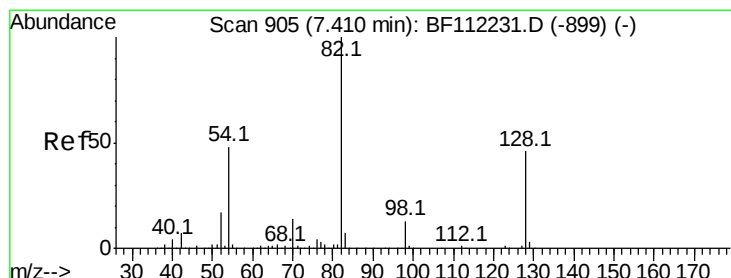
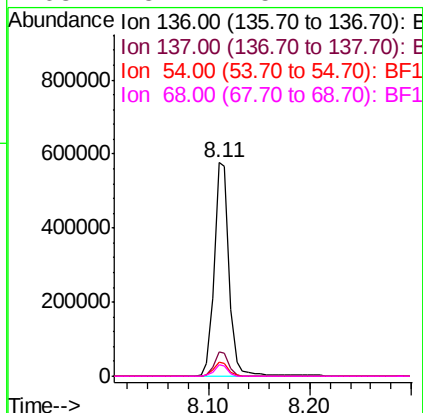
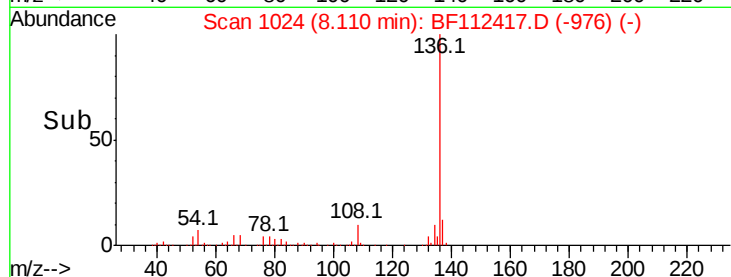
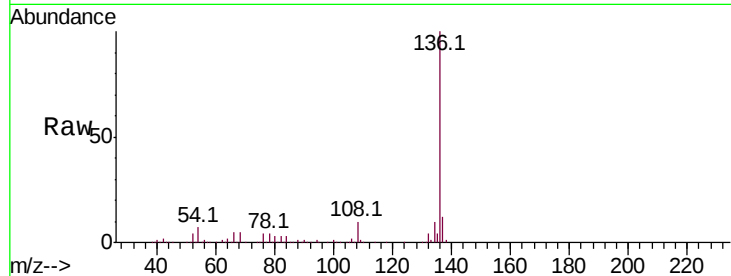
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112417.D
Acq: 6 Feb 2019 13:58

Instrument :
BNA_F
ClientSampleId :
A0C5B-SS1-0.0-0.5

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	9.1	13.7	
54	6.8	5.9	8.9	
68	5.4	5.1	7.7	

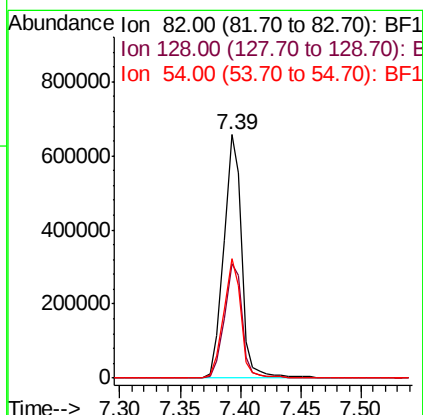
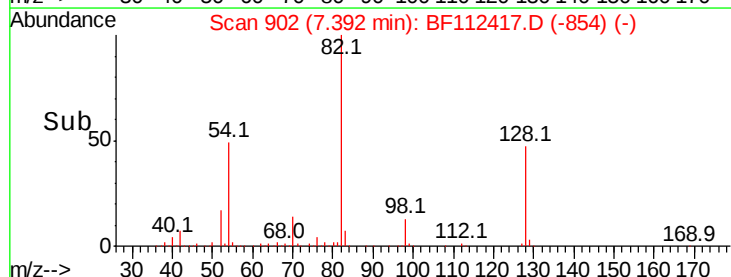
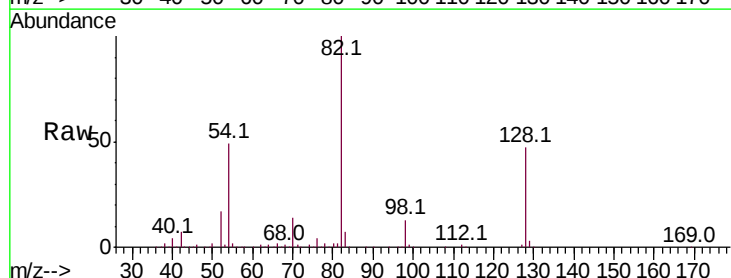
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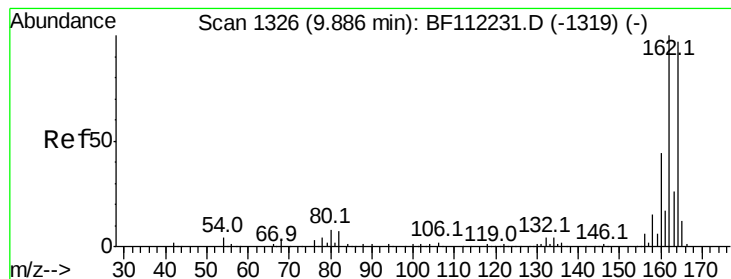
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#23
Nitrobenzene-d5
Concen: 65.658 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112417.D
Acq: 6 Feb 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.7	37.8	56.8	
54	49.3	39.7	59.5	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112417.D

Acq: 6 Feb 2019 13:58

Instrument :

BNA_F

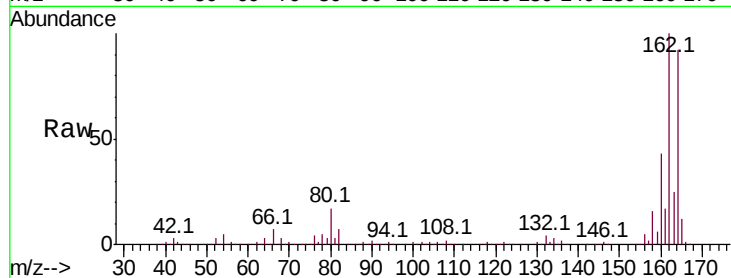
ClientSampleId :

A0C5B-SS1-0.0-0.5

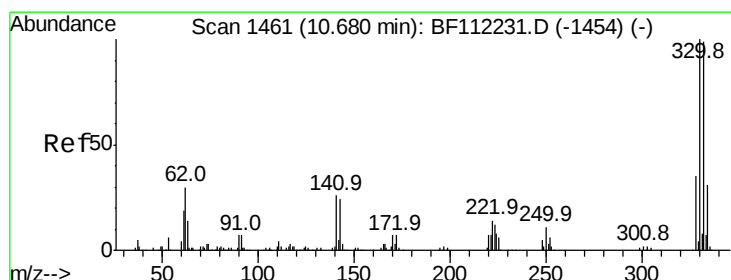
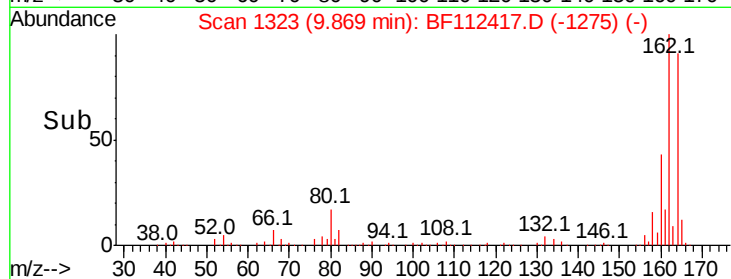
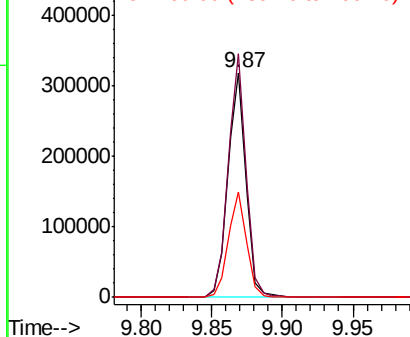
Tot Ion:	164	Resp:	282568
Ion Ratio	Lower	Upper	
164	100		
162	108.4	82.2	123.4
160	47.0	36.2	54.4

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 100.002 ng

RT: 10.66 min Scan# 1458

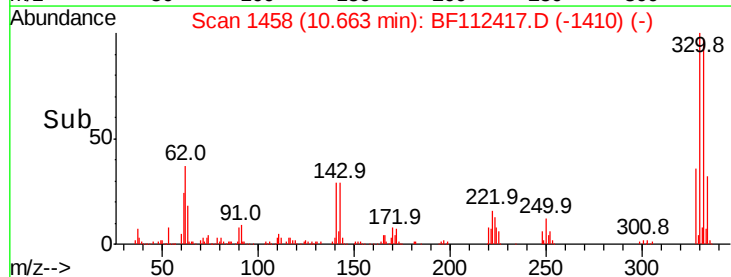
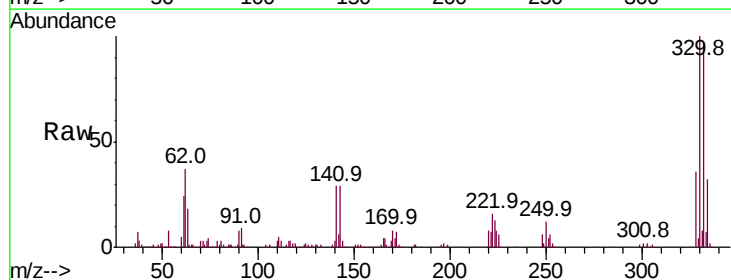
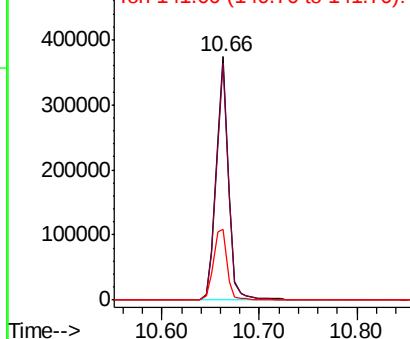
Delta R.T. -0.02 min

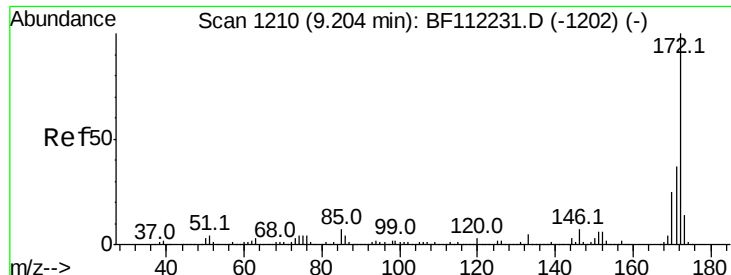
Lab File: BF112417.D

Acq: 6 Feb 2019 13:58

Tgt Ion:	330	Resp:	328908
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.6	114.8
141	32.9	24.3	36.5

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





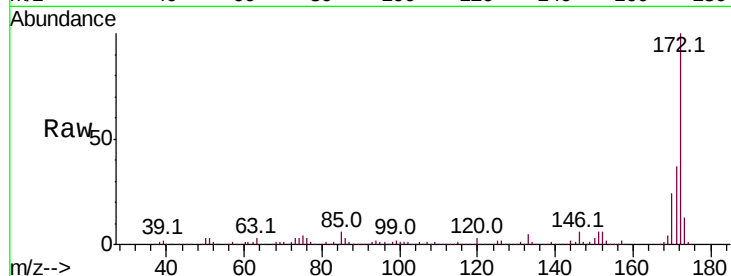
#45
2-Fluorobiphenyl
Concen: 64.636 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112417.D
Acq: 6 Feb 2019 13:58

Instrument :
BNA_F
ClientSampleId :
A0C5B-SS1-0.0-0.5

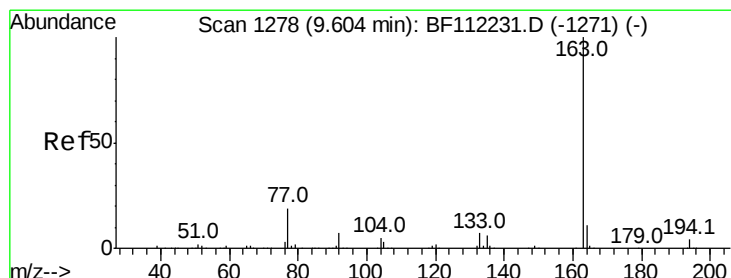
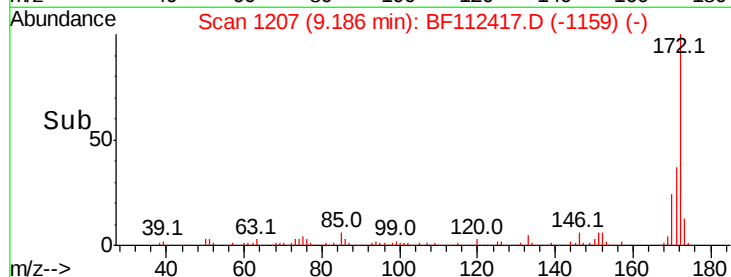
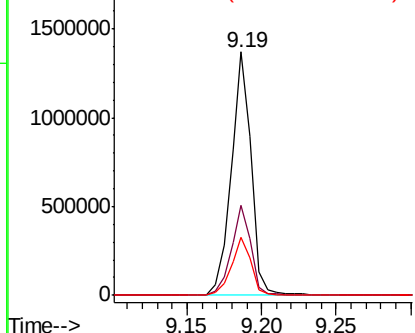
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.0	20.2	30.4

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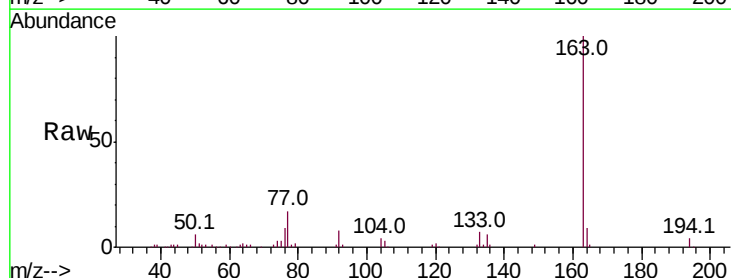


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

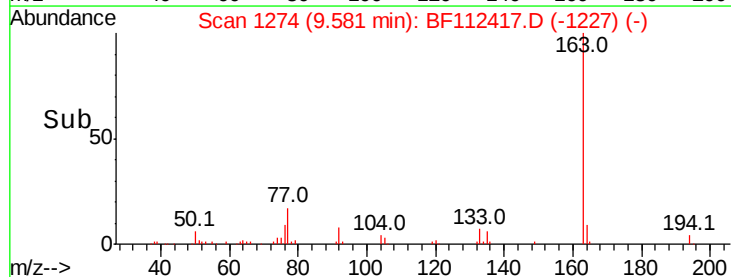
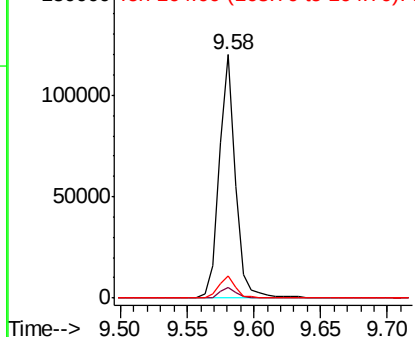


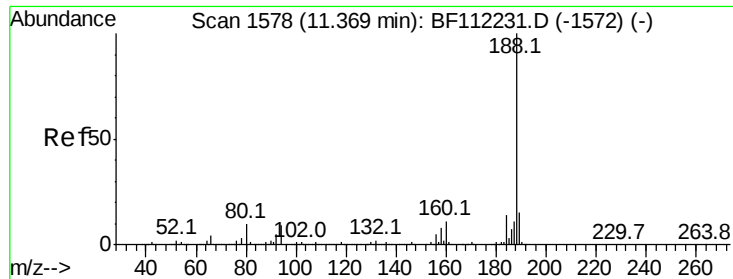
#50
Dimethylphthalate
Concen: 4.724 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112417.D
Acq: 6 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.3	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





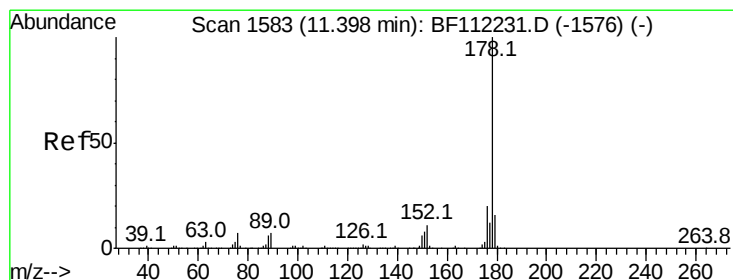
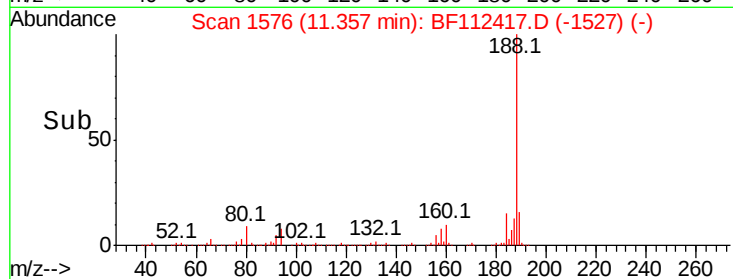
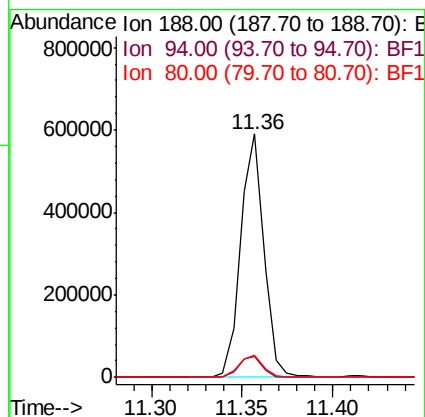
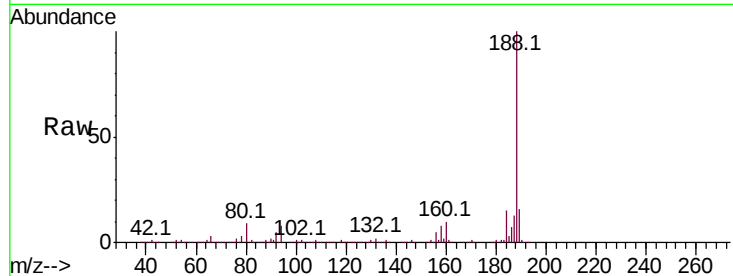
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112417.D
Acq: 6 Feb 2019 13:58

Instrument :
BNA_F
ClientSampleId :
A0C5B-SS1-0.0-0.5

Tot Ion	Ratio	Resp	Lower	Upper
188	100	527030		
94	8.5		8.2	12.2
80	8.9		8.9	13.3

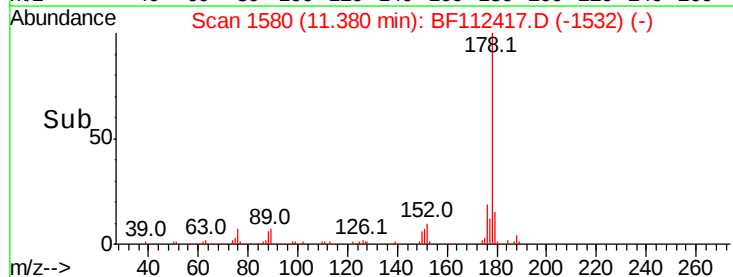
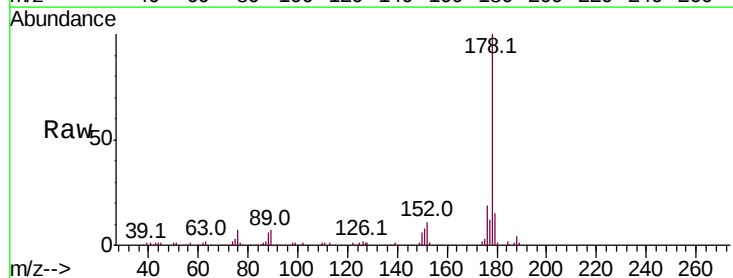
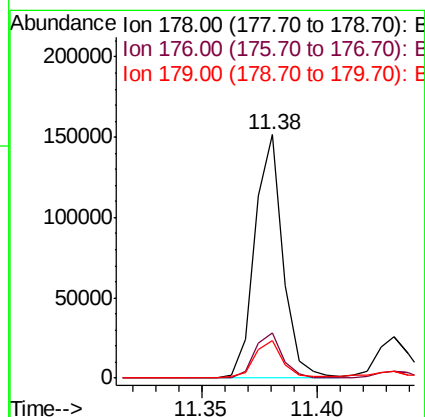
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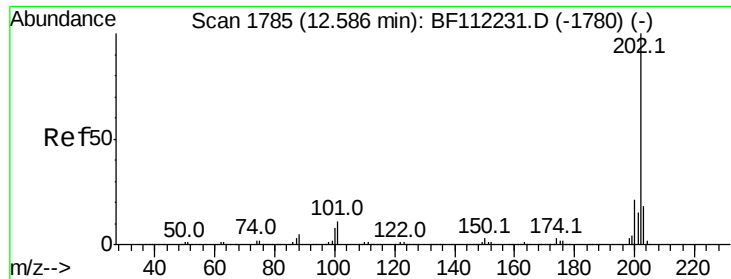
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#71
Phenanthrene
Concen: 4.733 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112417.D
Acq: 6 Feb 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	129670		
176	18.6		16.3	24.5
179	15.3		13.0	19.4





#75

Fluoranthene

Concen: 4.721 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF112417.D

Acq: 6 Feb 2019 13:58

Instrument :

BNA_F

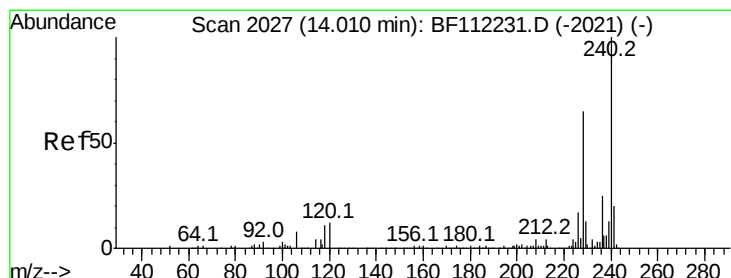
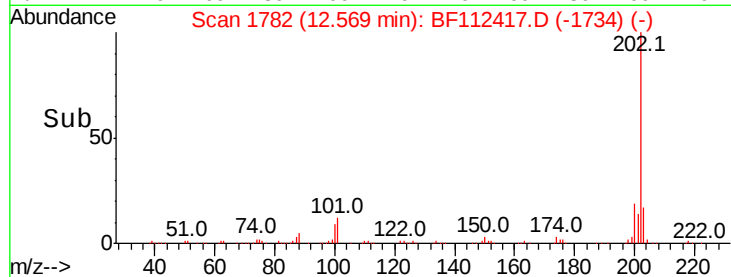
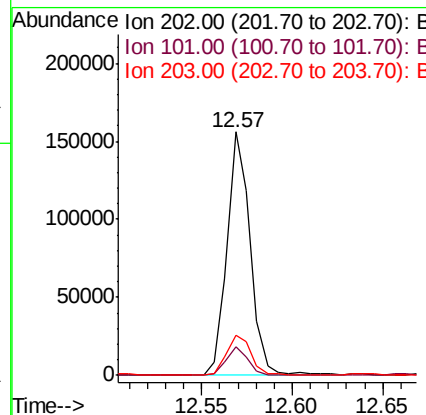
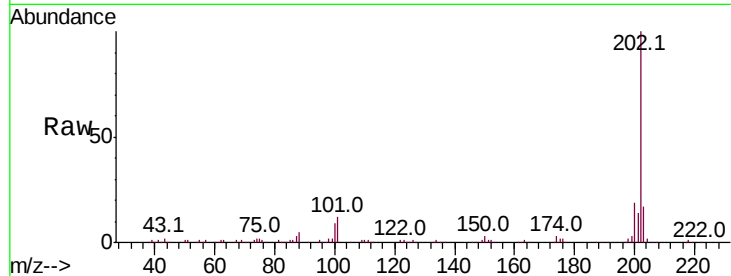
ClientSampleId :

A0C5B-SS1-0.0-0.5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	138750		
101	11.7	0.0	31.8	
203	16.6	0.0	38.4	

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#76

Chrysene-d12

Concen: 20.000 ng

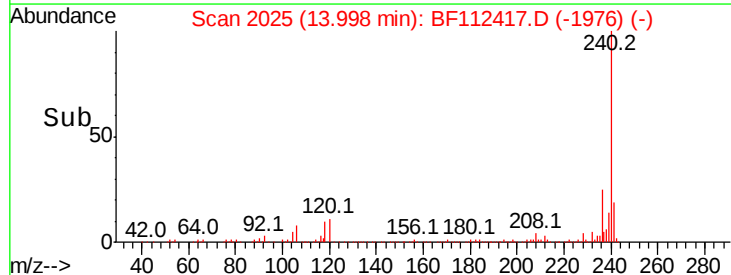
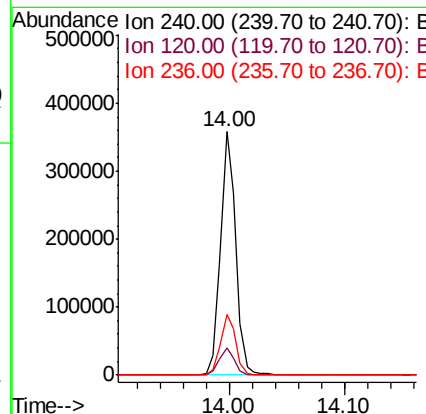
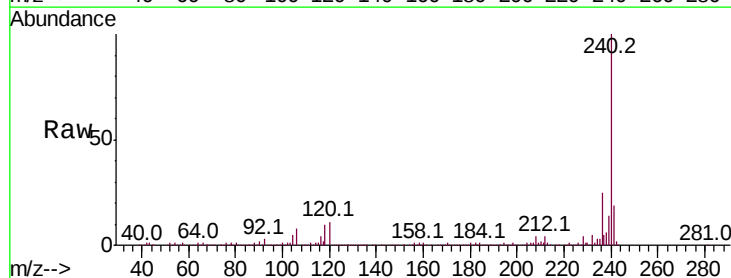
RT: 14.00 min Scan# 2025

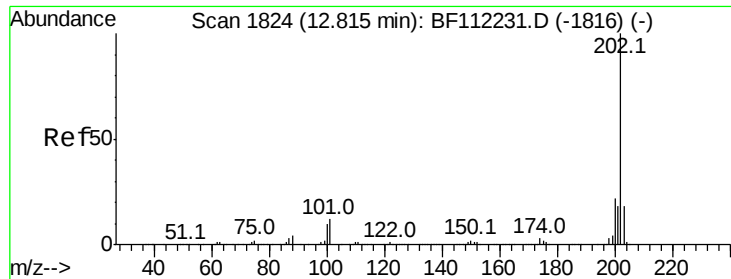
Delta R.T. -0.01 min

Lab File: BF112417.D

Acq: 6 Feb 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	326318		
120	11.3	9.0	13.6	
236	24.9	20.7	31.1	





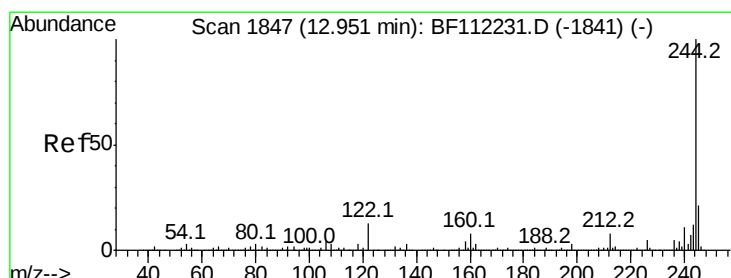
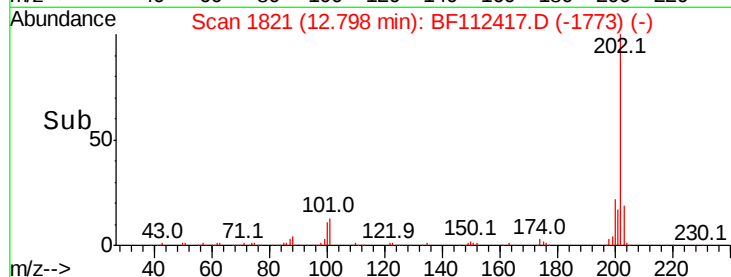
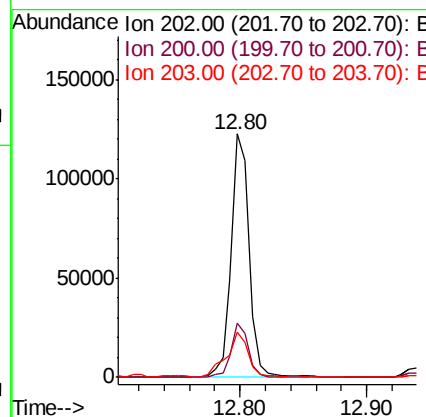
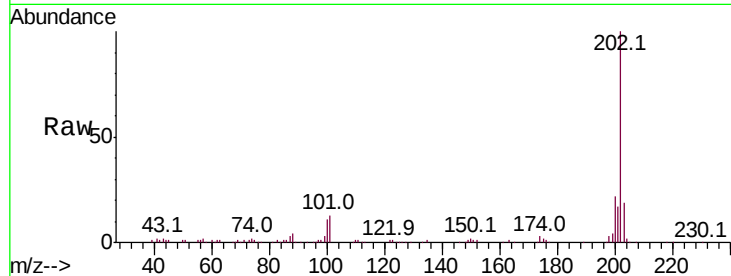
#78
Pvrene
Concen: 5.318 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF112417.D
Acq: 6 Feb 2019 13:58

Instrument :
BNA_F
ClientSampleId :
A0C5B-SS1-0.0-0.5

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.7	26.5
203	18.6	14.6	22.0

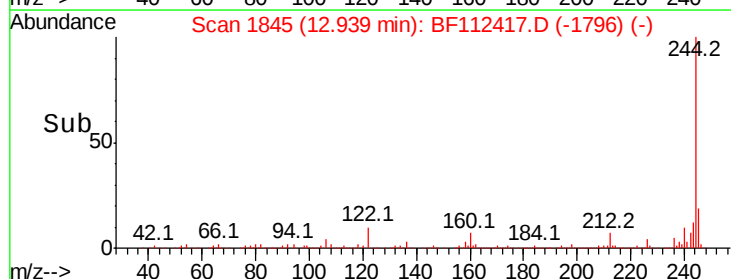
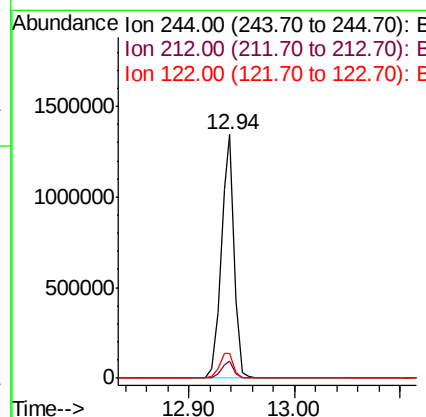
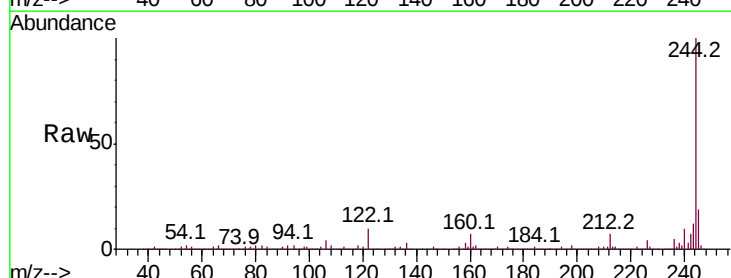
Manual Integrations
APPROVED

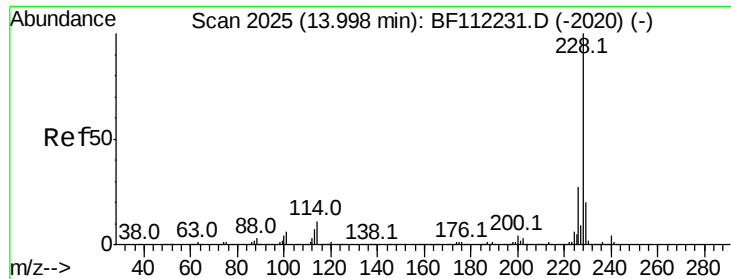
mohammad
2/7/2019 8:40:07 AM



#79
Terphenyl-d14
Concen: 67.112 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112417.D
Acq: 6 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.4	9.8	14.6





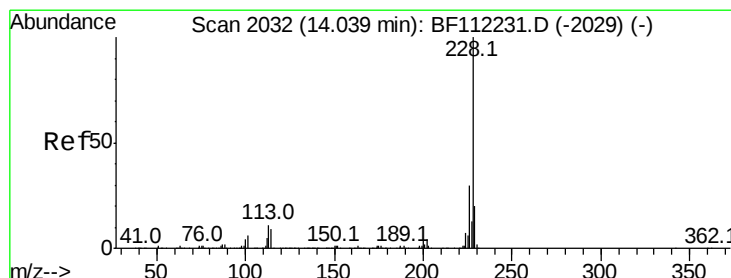
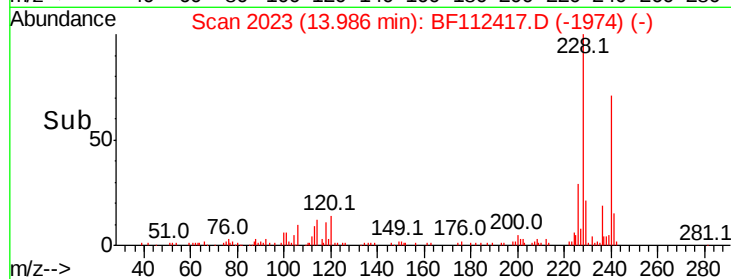
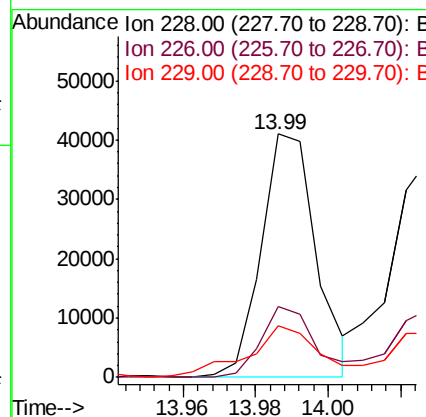
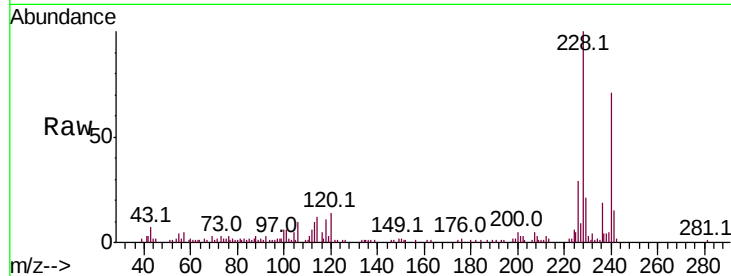
#81
Benzo(a)anthracene
Concen: 2.255 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF112417.D
Acq: 6 Feb 2019 13:58

Instrument :
BNA_F
ClientSampleId :
A0C5B-SS1-0.0-0.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	21.3	16.5	24.7

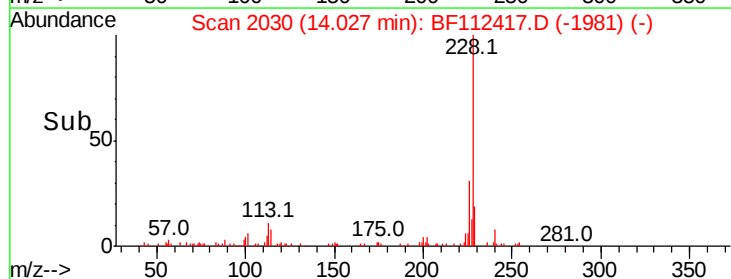
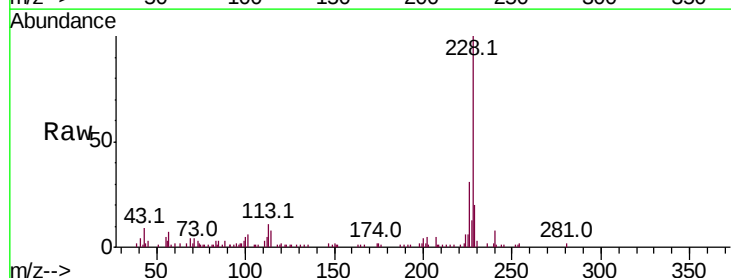
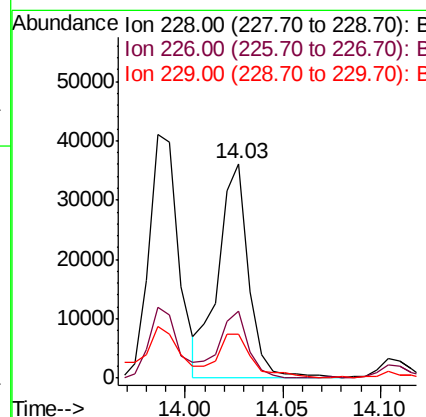
Manual Integrations
APPROVED

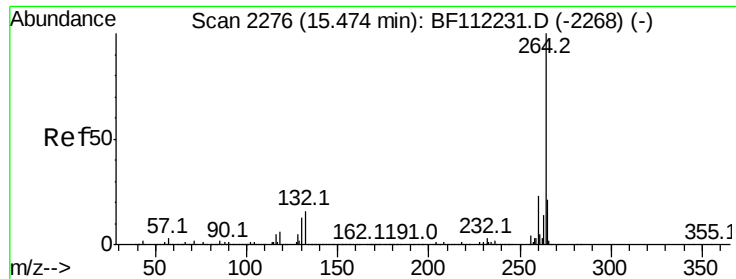
mohammad
2/7/2019 8:40:07 AM



#83
Chrysene
Concen: 2.158 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112417.D
Acq: 6 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.5	16.6	24.8





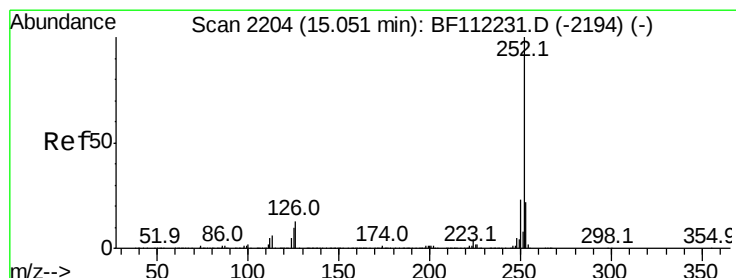
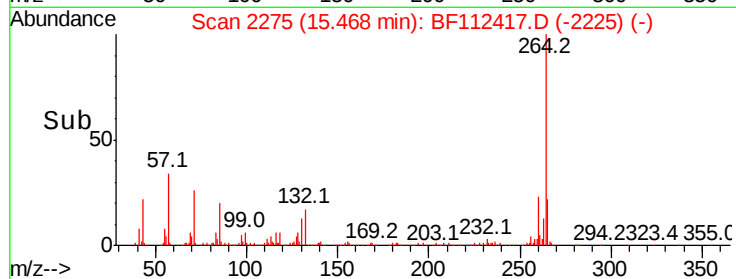
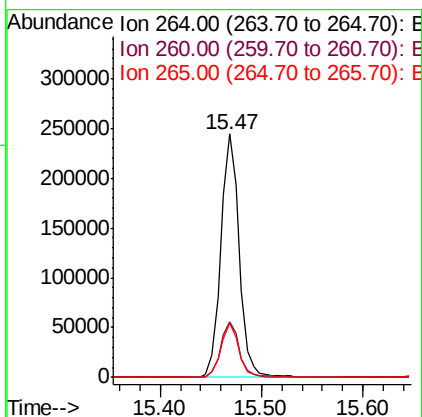
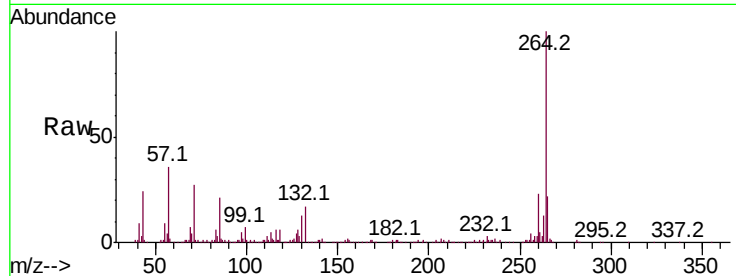
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112417.D
Acq: 6 Feb 2019 13:58

Instrument :
BNA_F
ClientSampleId :
A0C5B-SS1-0.0-0.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	22.1	17.0	25.4

Manual Integrations
APPROVED

mohammad
2/7/2019 8:40:07 AM



#88
Benzo(b)fluoranthene
Concen: 2.328 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112417.D
Acq: 6 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	12.9	8.7	13.1

