

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116810.D
 Acq On : 4 Sep 2019 12:50
 Operator : HP/JU
 Sample : K4601-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T12-E1-E4-(0-2.7)

Manual Integrations
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mohammad
 9/9/2019 9:55:39 AM

Quant Time: Sep 05 03:18:48 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	75228	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	300459	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	157660	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	251610	20.00	ng	0.00
76) Chrysene-d12	14.00	240	180544	20.00	ng	0.00
87) Perylene-d12	15.45	264	176844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	450115	96.93	ng	0.00
7) Phenol-d6	6.47	99	620104	101.70	ng	0.00
23) Nitrobenzene-d5	7.40	82	375374	71.32	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	129311	122.69	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	649081	69.45	ng	0.00
79) Terphenyl-d14	12.95	244	619017	63.43	ng	0.00
Target Compounds						
10) Phenol	6.49	94	34419	5.098	ng	96
50) Dimethylphthalate	9.59	163	84310	7.746	ng	98
75) Fluoranthene	12.58	202	52543	3.817	ng	81
78) Pyrene	12.80	202	45902	2.860	ng	# 85
83) Chrysene	14.03	228	26906	2.286	ng	# 85
88) Benzo(b)fluoranthene	15.03	252	33050m	3.091	ng	

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

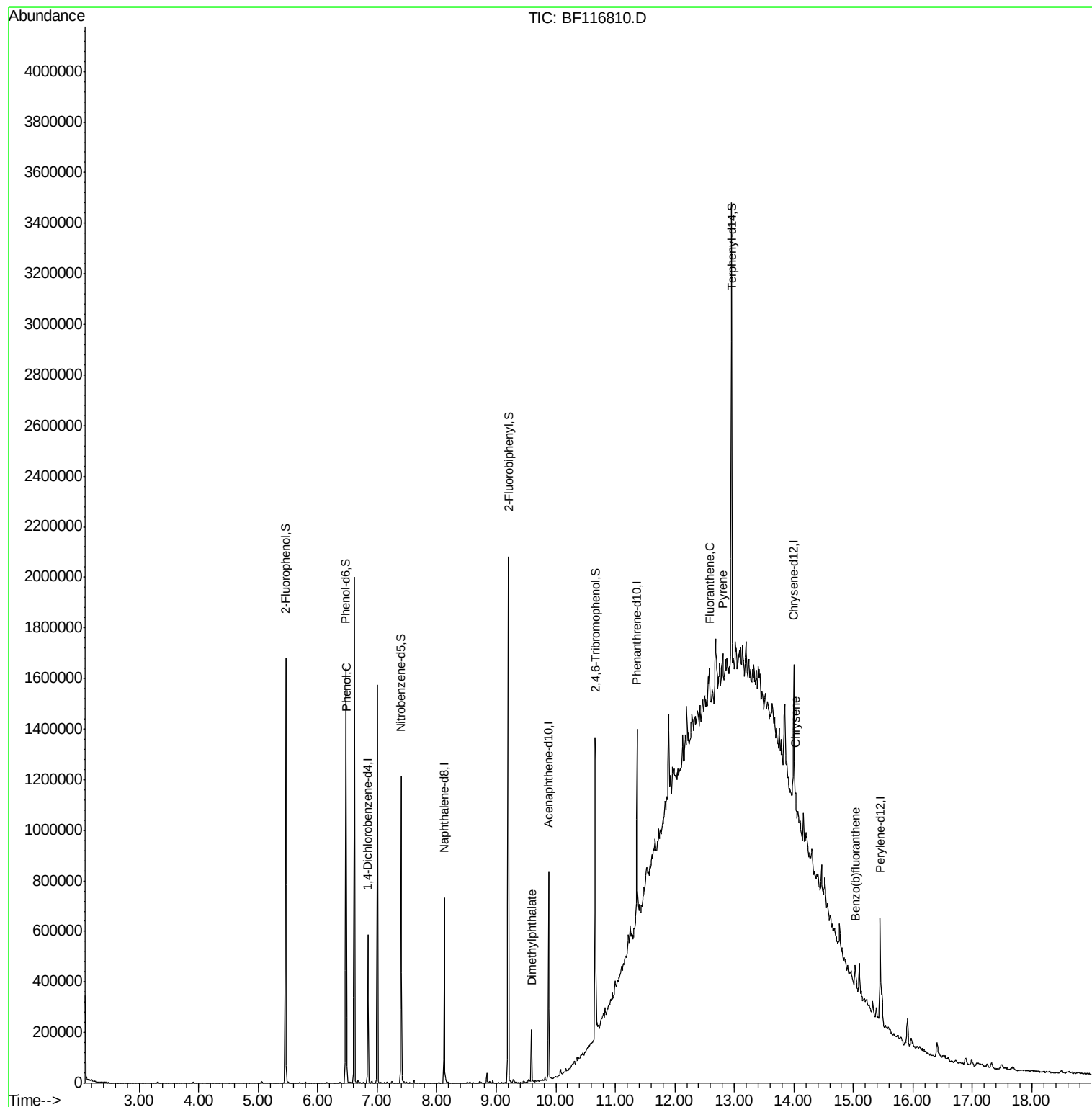
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116810.D
Acq On : 4 Sep 2019 12:50
Operator : HP/JU
Sample : K4601-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

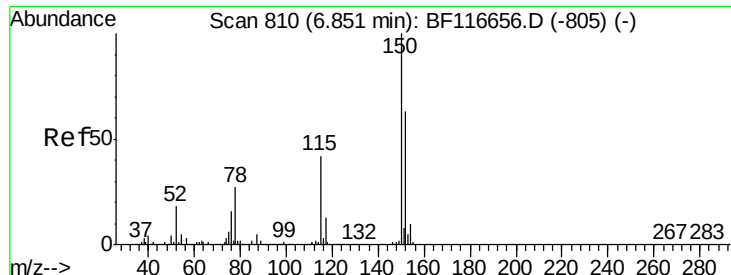
Instrument :
BNA_F
ClientSampleId :
T12-E1-E4-(0-2.7)

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#1

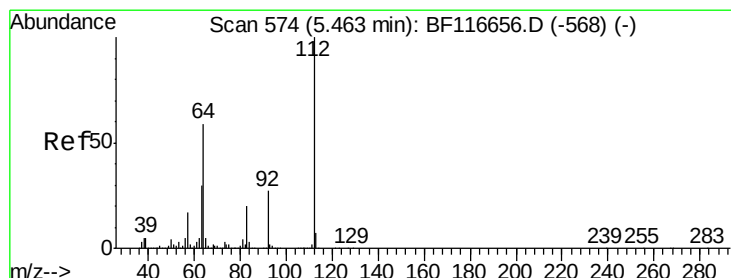
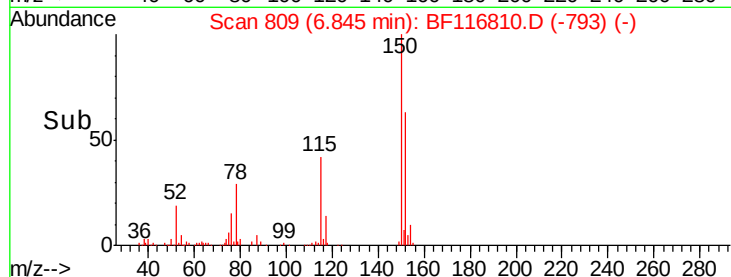
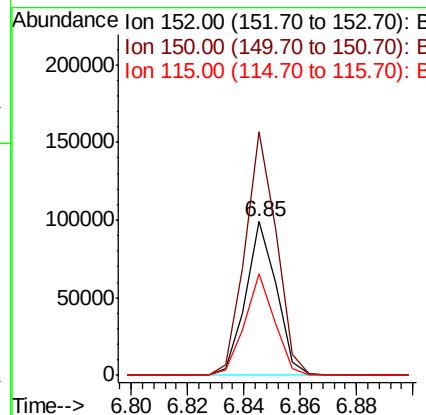
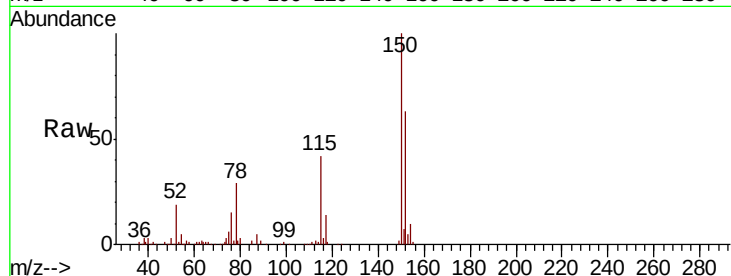
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Instrument :
BNA_F
ClientSampleId :
T12-E1-E4-(0-2.7)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.4	186.6
115	66.2	49.9	74.9

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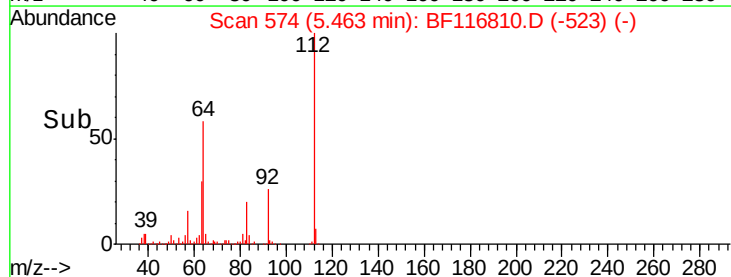
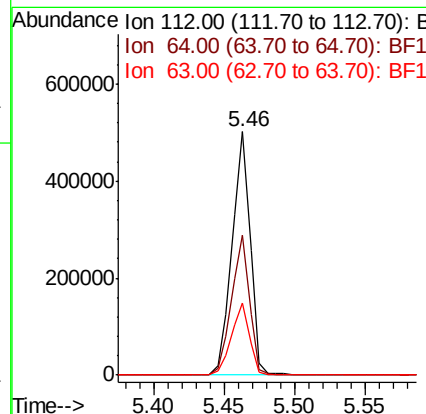
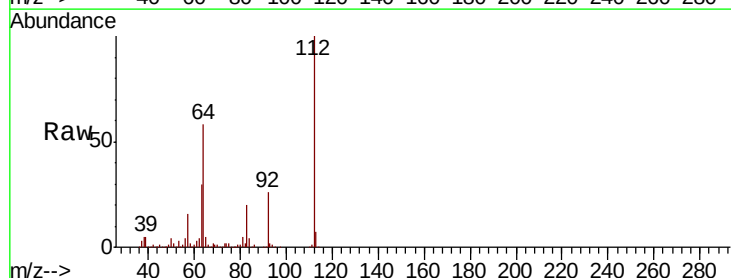
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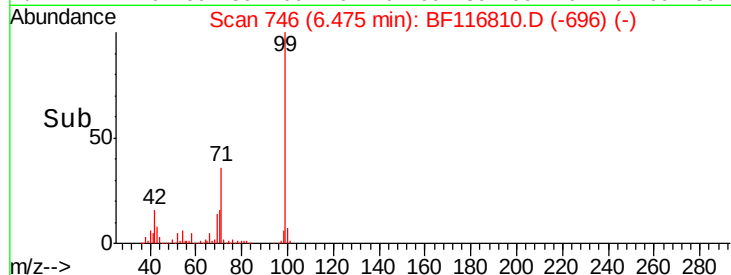
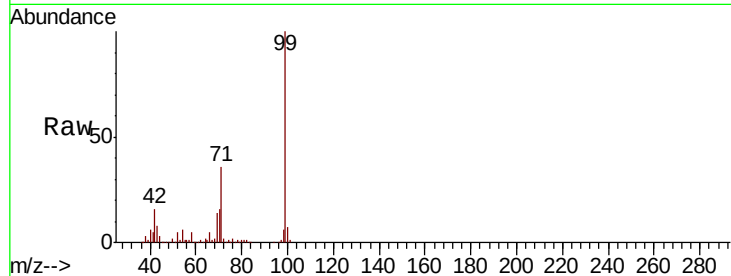
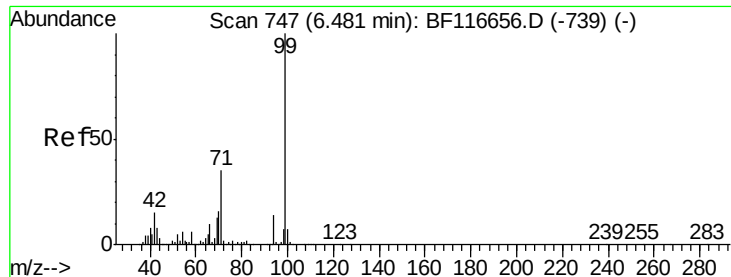


#5

2-Fluorophenol
Concen: 96.934 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.1	70.7
63	29.5	24.9	37.3





#7

Phenol-d6

Concen: 101.698 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116810.D

Acq: 4 Sep 2019 12:50

Tot Ion:	99	Resp:	620104
Ion Ratio	Lower	Upper	
99	100		
42	15.5	13.7	20.5
71	35.5	30.8	46.2

Instrument :

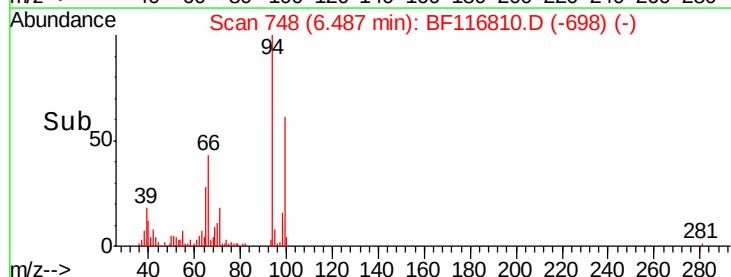
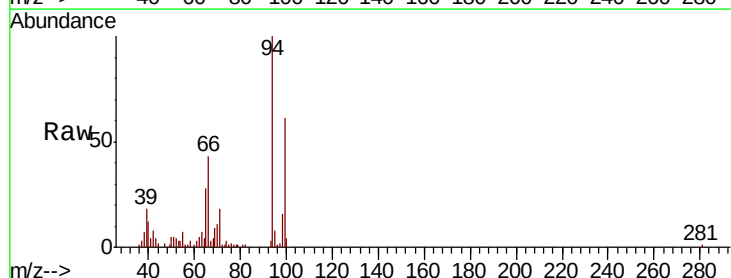
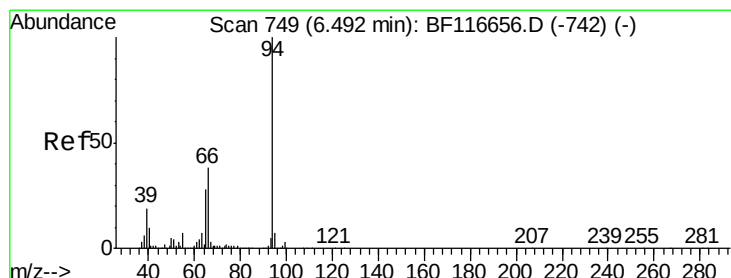
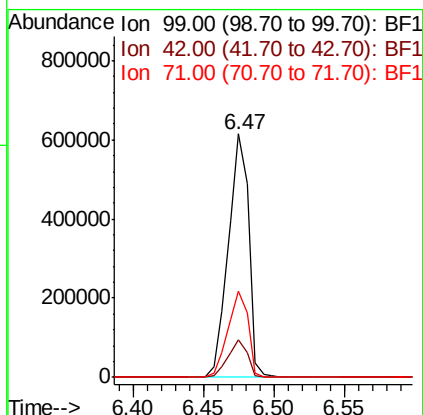
BNA_F

ClientSampleId :

T12-E1-E4-(0-2.7)

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#10

Phenol

Concen: 5.098 ng

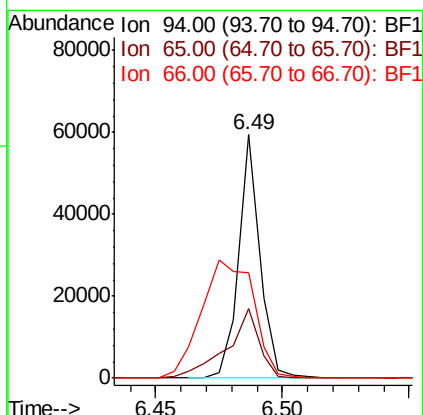
RT: 6.49 min Scan# 748

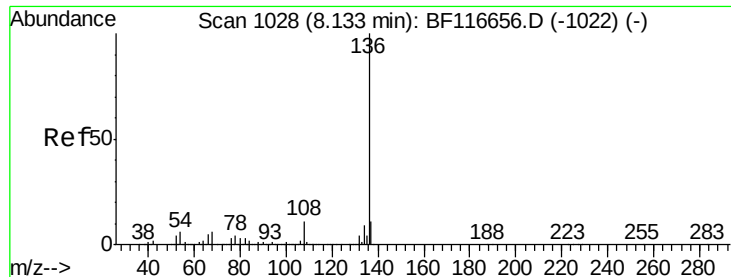
Delta R.T. -0.01 min

Lab File: BF116810.D

Acq: 4 Sep 2019 12:50

Tgt Ion:	94	Resp:	34419
Ion Ratio	Lower	Upper	
94	100		
65	28.4	10.8	50.8
66	43.3	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: BF116810.D

Acq: 4 Sep 2019 12:50

Instrument :

BNA_F

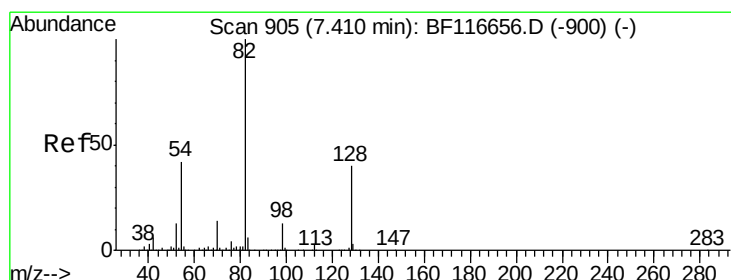
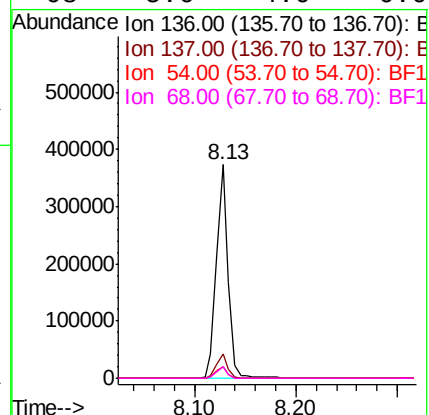
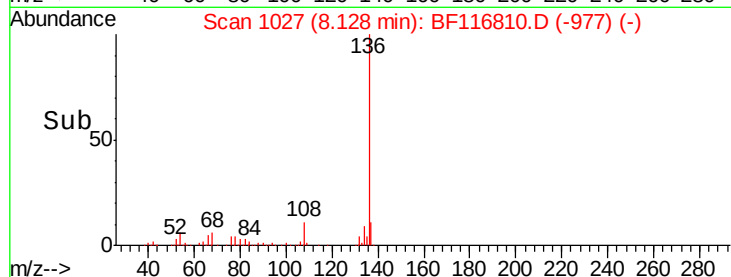
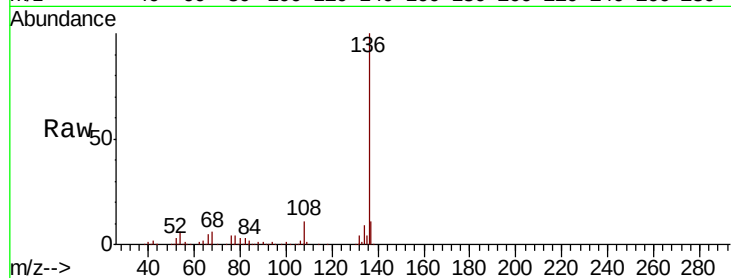
ClientSampleId :

T12-E1-E4-(0-2.7)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	300459		
137	11.2		8.9	13.3
54	5.5		4.8	7.2
68	5.6		4.0	6.0

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#23

Nitrobenzene-d5

Concen: 71.321 ng

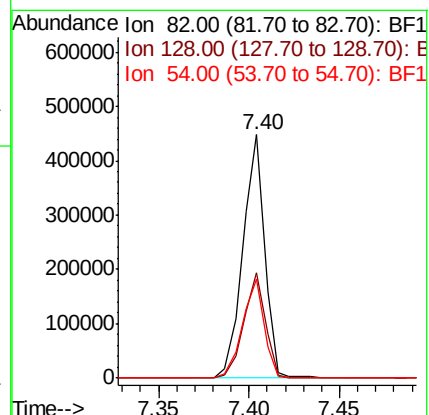
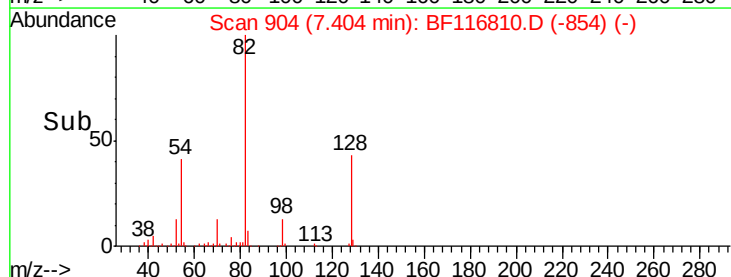
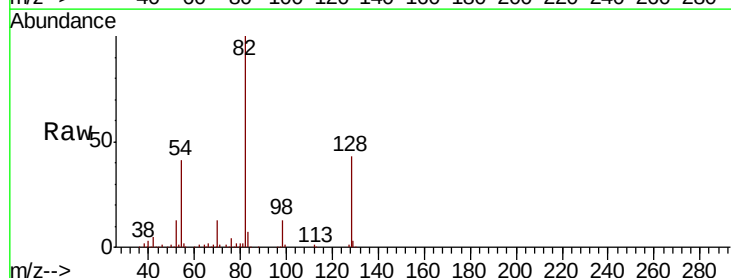
RT: 7.40 min Scan# 904

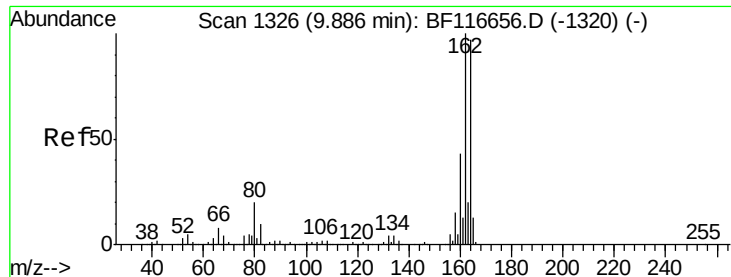
Delta R.T. -0.01 min

Lab File: BF116810.D

Acq: 4 Sep 2019 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	375374		
128	43.1		32.8	49.2
54	40.5		36.9	55.3





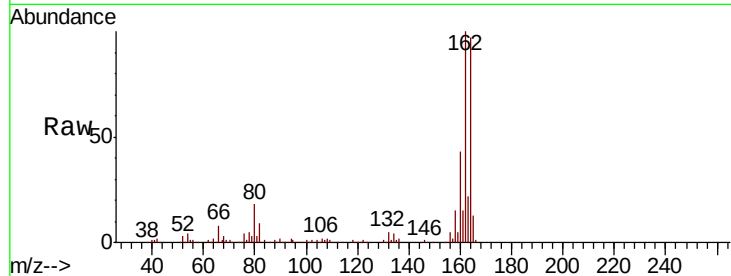
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Instrument :
BNA_F
ClientSampleId :
T12-E1-E4-(0-2.7)

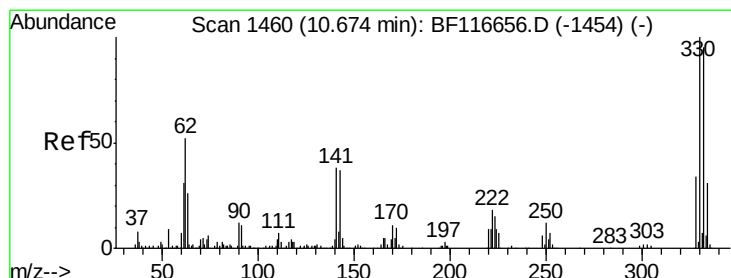
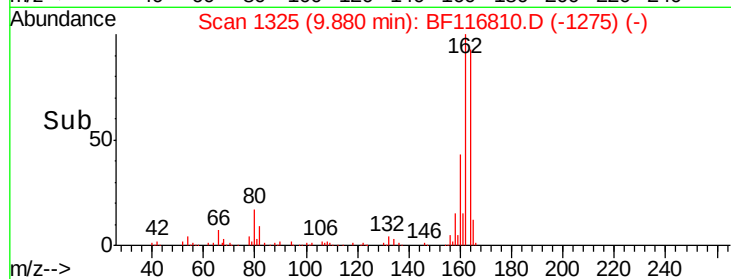
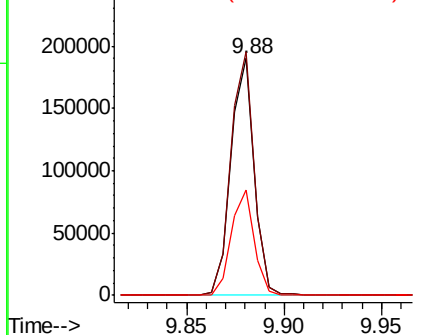
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	81.4	122.0	
160	44.4	35.4	53.2	

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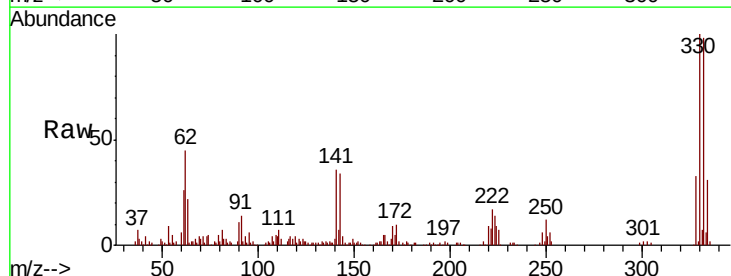


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

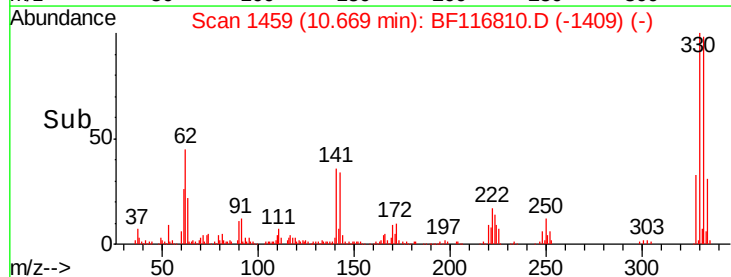
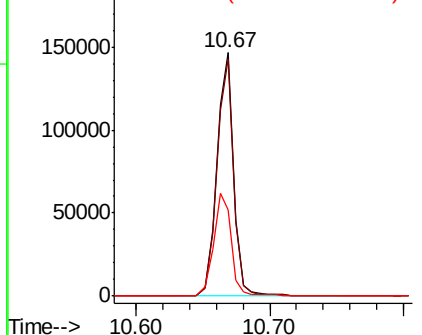


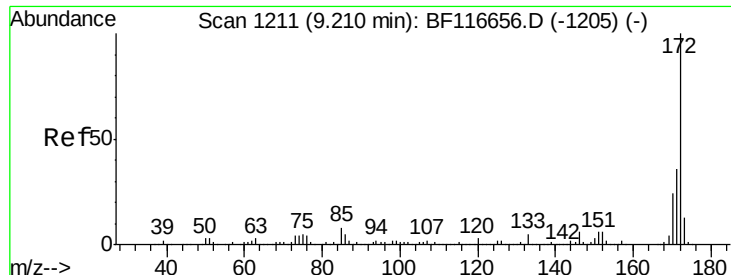
#42
2,4,6-Tribromophenol
Concen: 122.687 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	76.9	115.3	
141	45.1	31.4	47.2	



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





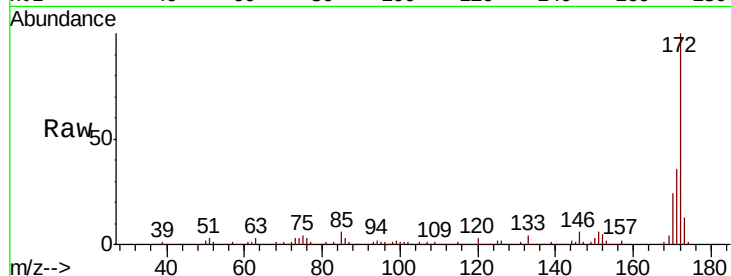
#45
2-Fluorobiphenyl
Concen: 69.449 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Instrument :
BNA_F
ClientSampleId :
T12-E1-E4-(0-2.7)

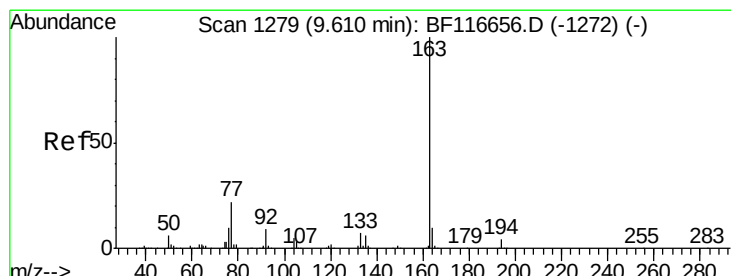
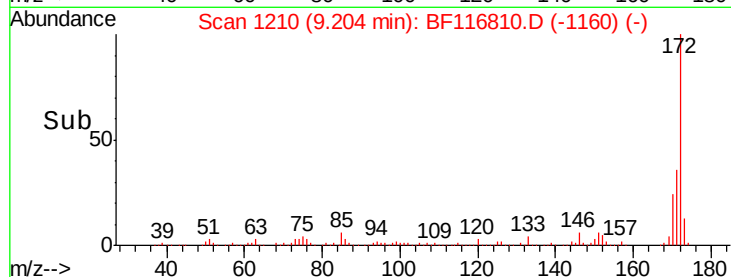
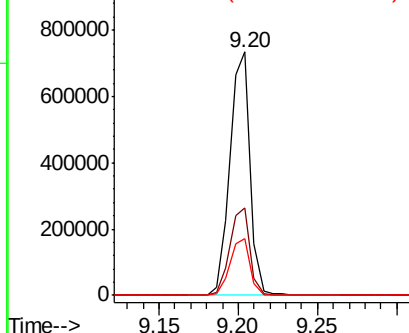
Tot Ion:	172	Resp:	649081
Ion Ratio	Lower	Upper	
172	100		
171	35.9	27.8	41.6
170	23.6	18.9	28.3

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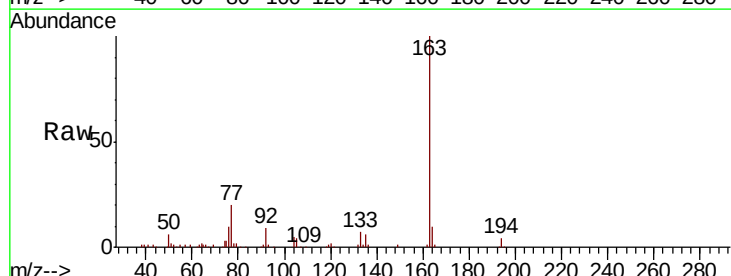


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

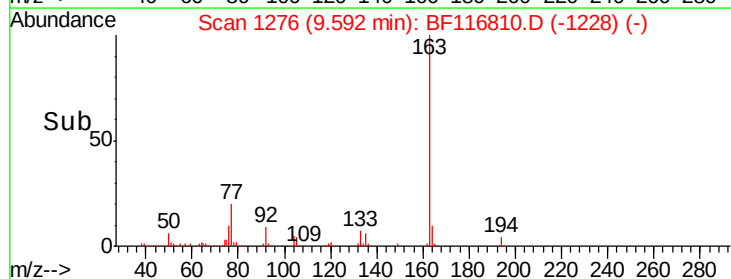
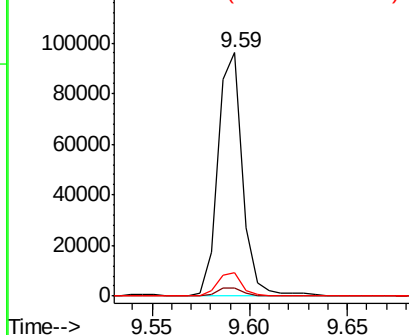


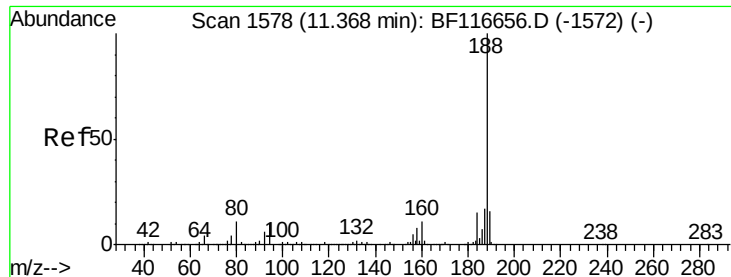
#50
Dimethylphthalate
Concen: 7.746 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Tgt Ion:	163	Resp:	84310
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.8	4.2
164	9.8	8.6	12.8



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





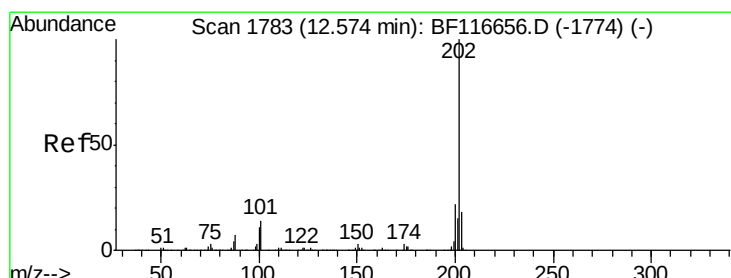
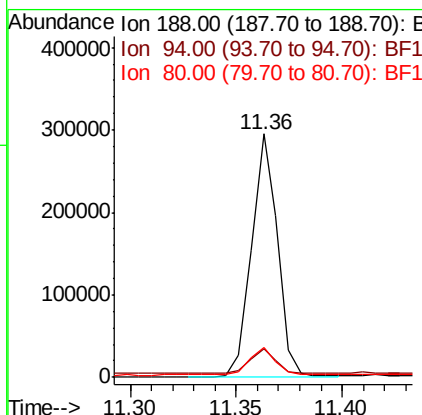
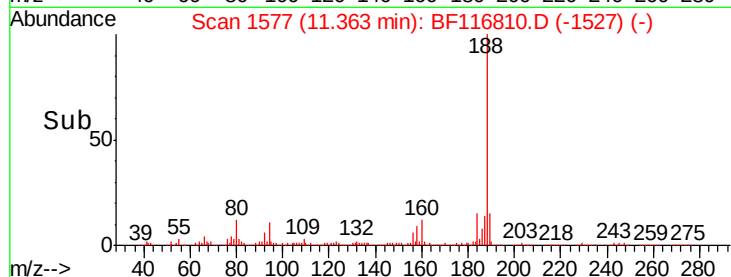
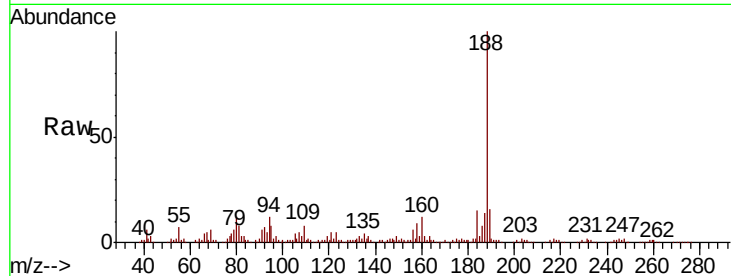
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Instrument :
BNA_F
ClientSampleId :
T12-E1-E4-(0-2.7)

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.8	7.3	10.9	
80	12.3	8.4	12.6	

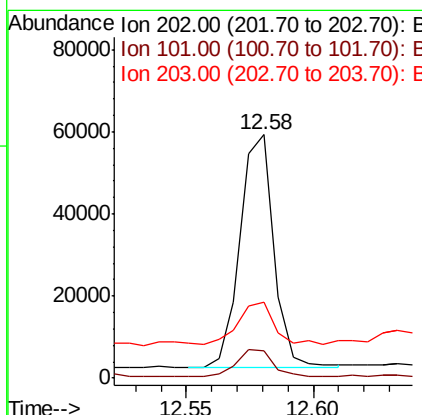
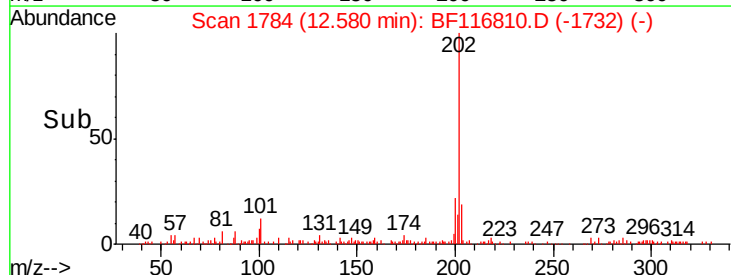
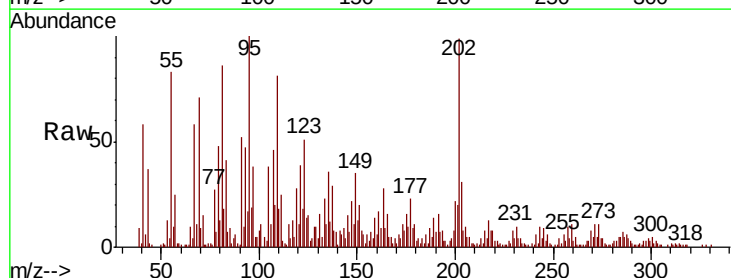
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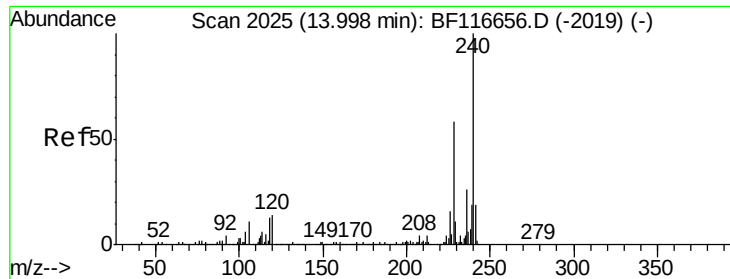
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#75
Fluoranthene
Concen: 3.817 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.3	0.0	31.3	
203	31.0	0.0	37.6	





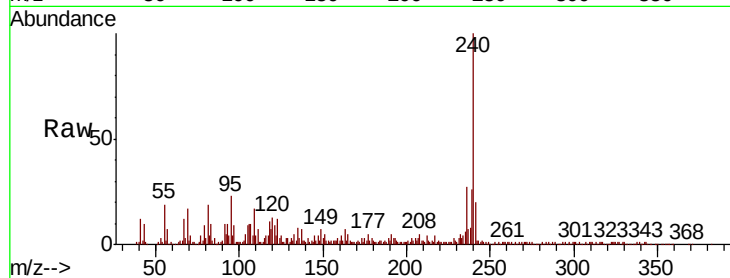
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Instrument :
BNA_F
ClientSampleId :
T12-E1-E4-(0-2.7)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	180544		
120	12.6		9.1	13.7
236	26.6		21.1	31.7

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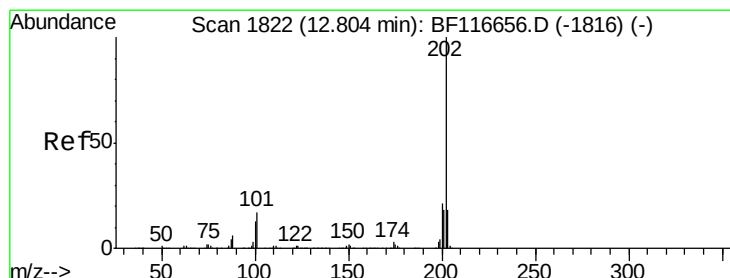
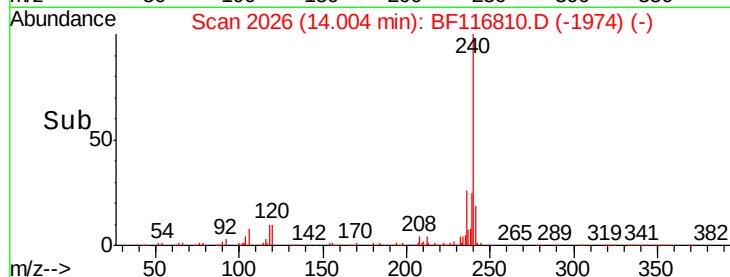
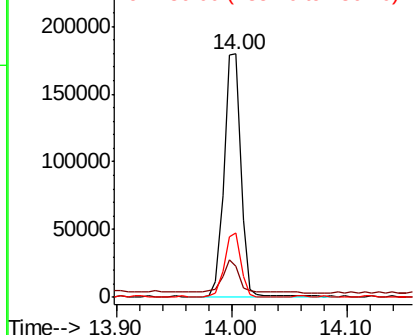


Abundance

Ion 240.00 (239.70 to 240.70): E

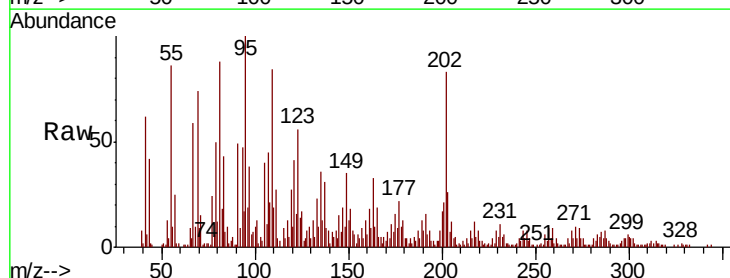
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 2.860 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	45902		
200	20.5		16.5	24.7
203	31.0		13.7	20.5#

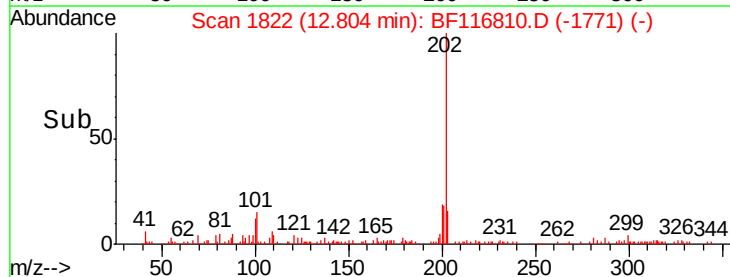
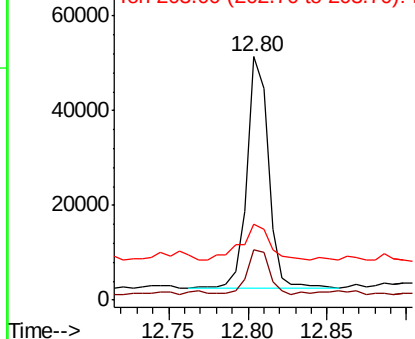


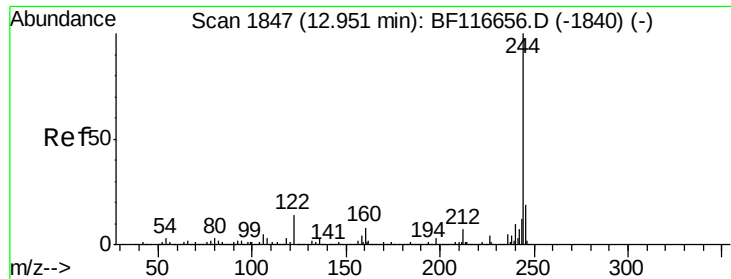
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





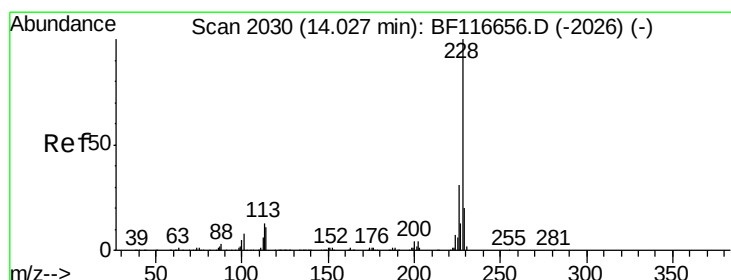
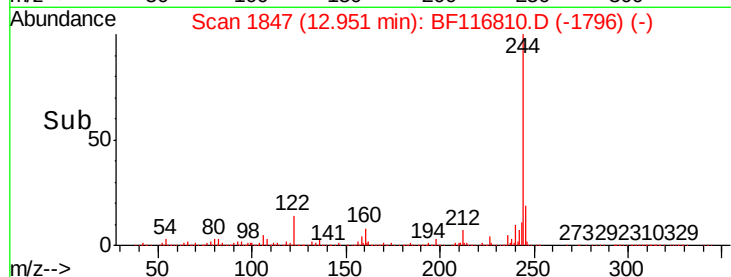
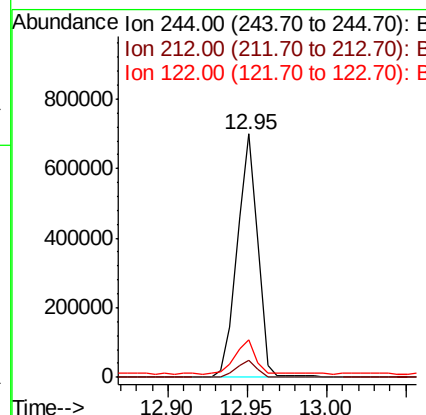
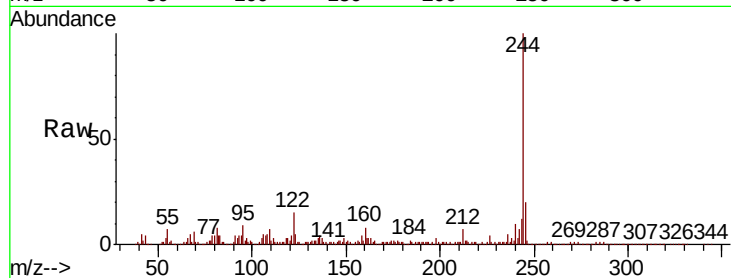
#79
 Terphenyl-d14
 Concen: 63.428 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF116810.D
 Acq: 4 Sep 2019 12:50

Instrument :
 BNA_F
 ClientSampleId :
 T12-E1-E4-(0-2.7)

Tot Ion	Ratio	Resp	Lower	Upper
244	100	619017		
212	7.0		6.1	9.1
122	15.3		10.2	15.4

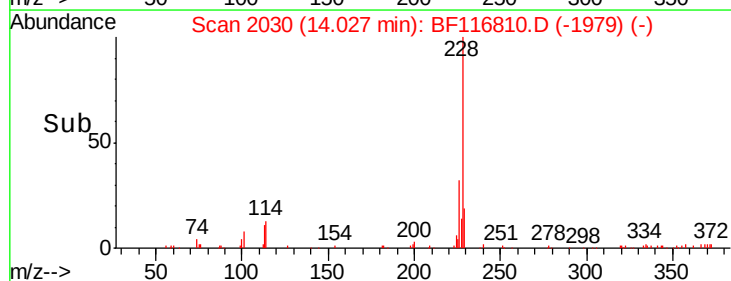
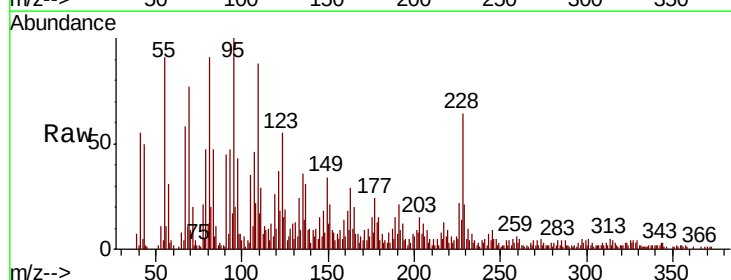
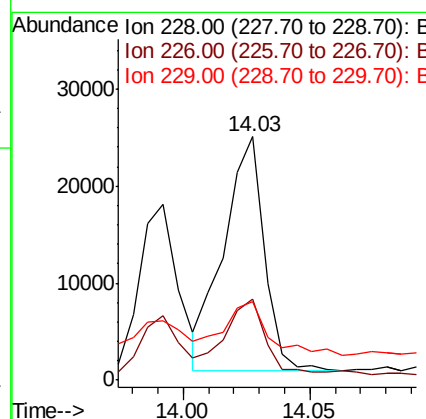
Manual Integrations
 APPROVED

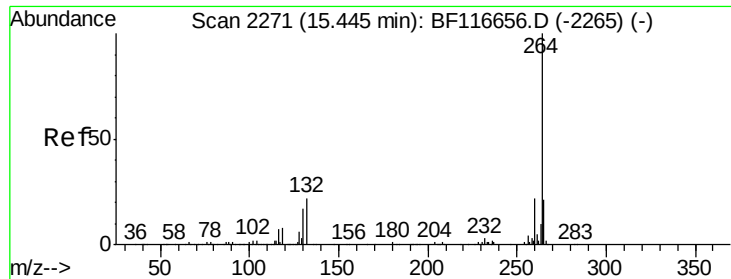
mohammad
 9/9/2019 9:55:39 AM



#83
 Chrysene
 Concen: 2.286 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF116810.D
 Acq: 4 Sep 2019 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	26906		
226	33.5		24.0	36.0
229	32.2		15.4	23.0





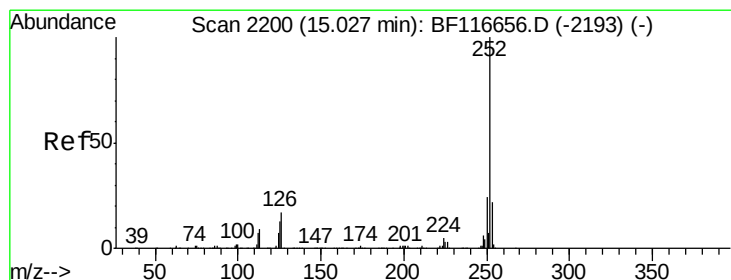
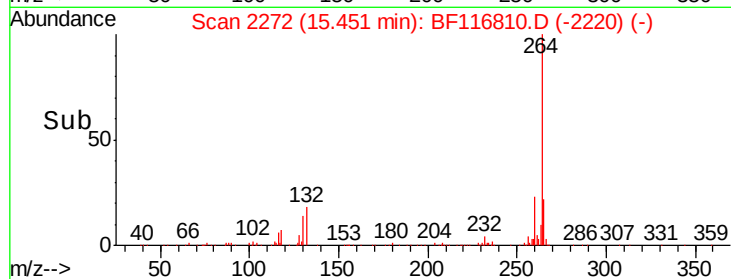
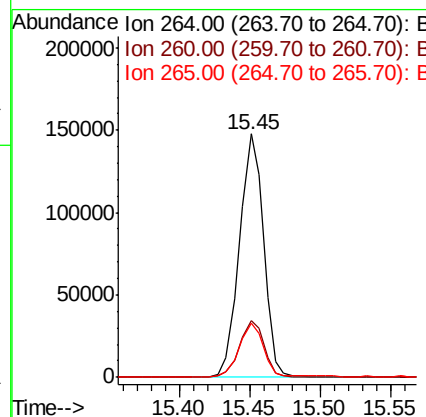
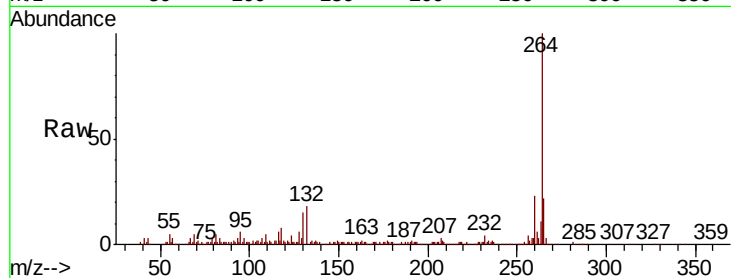
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Instrument :
BNA_F
ClientSampleId :
T12-E1-E4-(0-2.7)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	22.4	16.5	24.7

Manual Integrations
APPROVED

mohammad
9/9/2019 9:55:39 AM



#88
Benzo(b)fluoranthene
Concen: 3.091 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	23.4	8.2	12.2#

