

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112463.D
 Acq On : 8 Feb 2019 16:53
 Operator : JU/SJ
 Sample : K1409-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(0-2)

Manual Integrations
 APPROVED

Sohil
 2/11/2019 10:00:34 AM

Quant Time: Feb 09 05:39:00 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	135255	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	505217	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	230118	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	389268	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	271797	20.00	ng	0.00
87) Perylene-d12	15.50	264	273397	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	708823	111.31	ng	-0.01
7) Phenol-d6	6.49	99	887619	100.32	ng	0.00
23) Nitrobenzene-d5	7.40	82	553706	63.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	219365	81.90	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1031159	63.38	ng	-0.02
79) Terphenyl-d14	12.94	244	743082	51.49	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	49870	5.137	ng	83
50) Dimethylphthalate	9.58	163	112091	6.269	ng	99
78) Pyrene	12.80	202	46124	2.451	ng	# 92
86) Indeno(1,2,3-cd)pyrene	17.00	276	25108	2.078	ng	96
88) Benzo(b)fluoranthene	15.06	252	43524m	2.662	ng	
90) Benzo(a)pyrene	15.43	252	30429	2.068	ng	# 32
92) Benzo(g,h,i)perylene	17.45	276	33783	3.020	ng	# 84

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

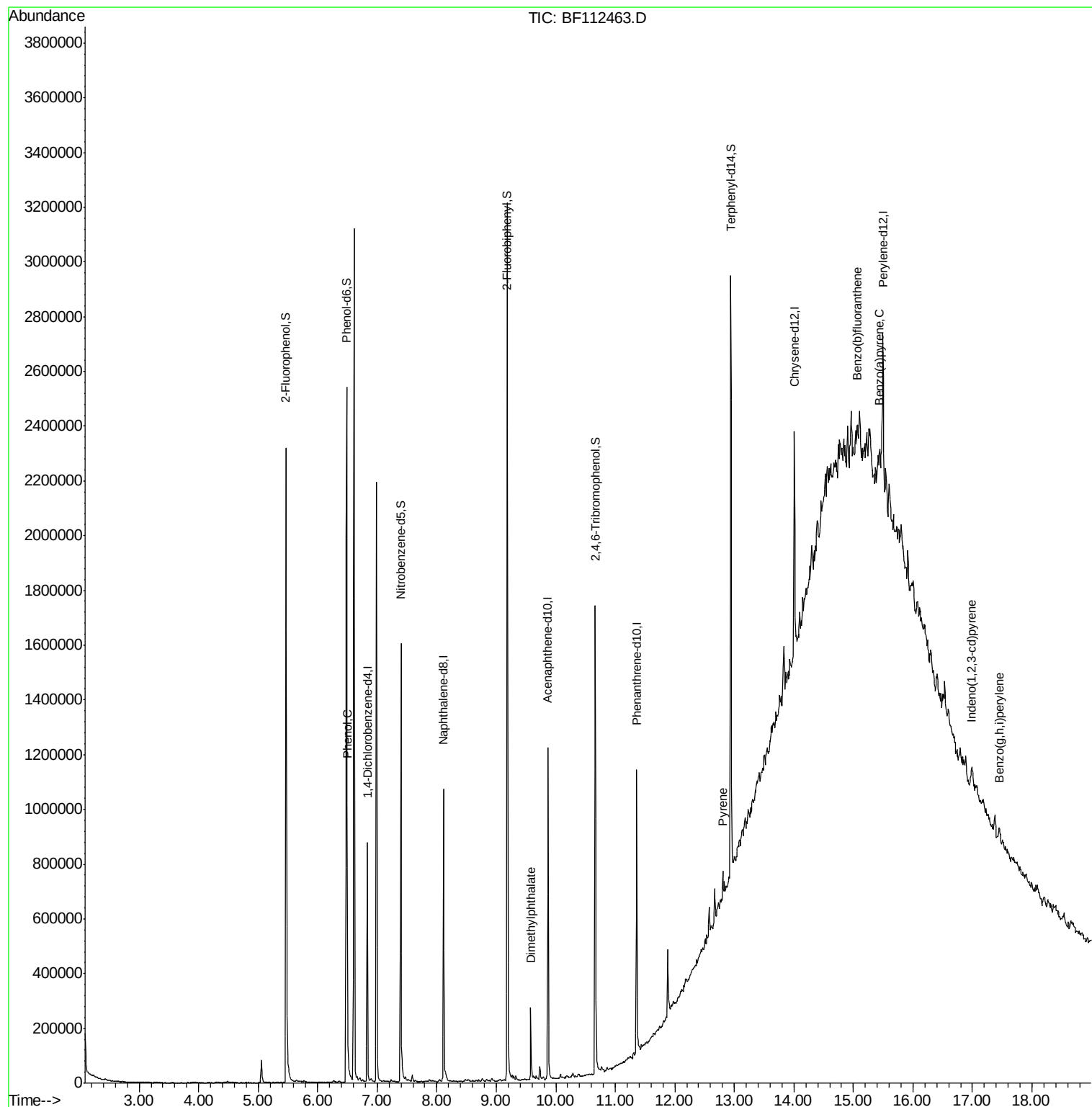
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112463.D
Acq On : 8 Feb 2019 16:53
Operator : JU/SJ
Sample : K1409-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

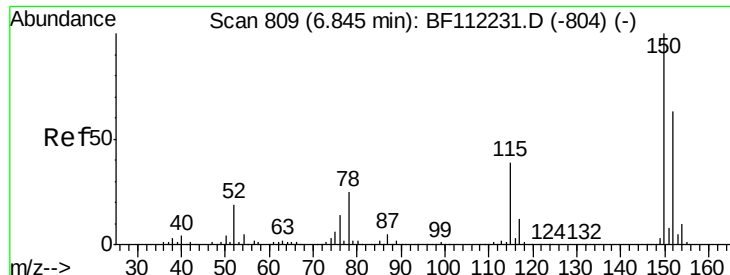
Instrument :
BNA_F
ClientSampleId :
SB-09(0-2)

Manual Integrations
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2/11/2019 10:00:34 AM

Quant Time: Feb 09 05:39:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

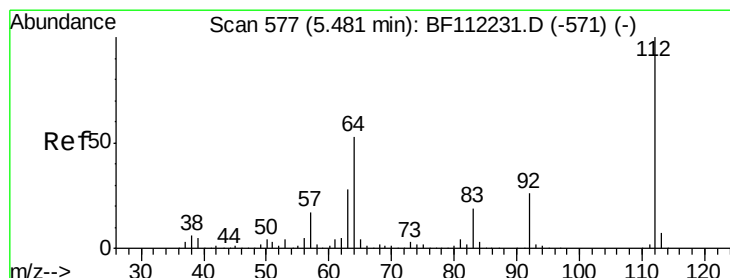
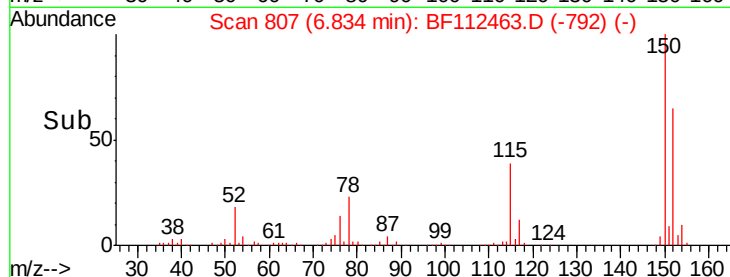
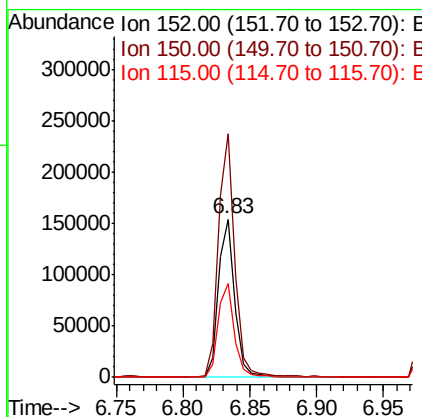
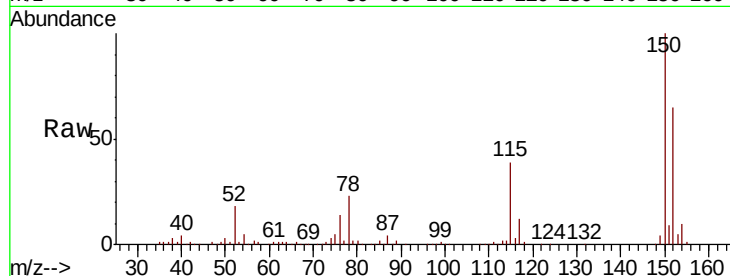
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112463.D
Acq: 8 Feb 2019 16:53

Instrument :
BNA_F
ClientSampleId :
SB-09(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	127.4	191.0
115	59.4	45.5	68.3

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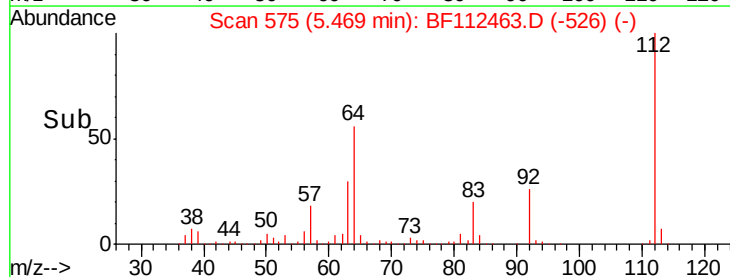
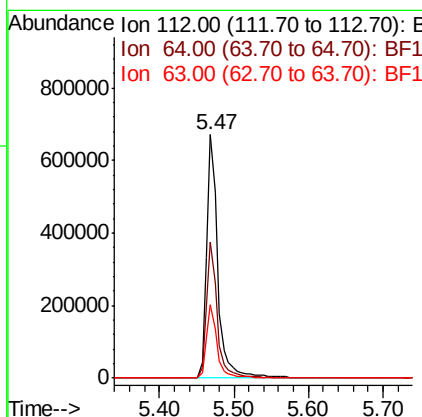
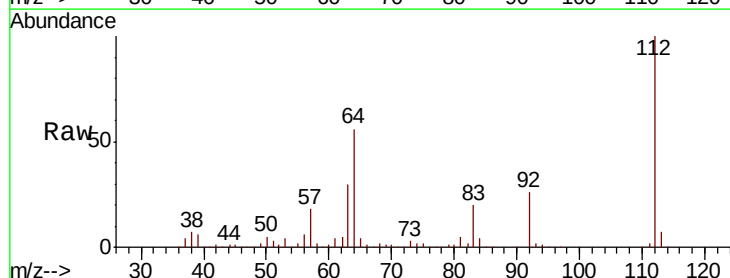
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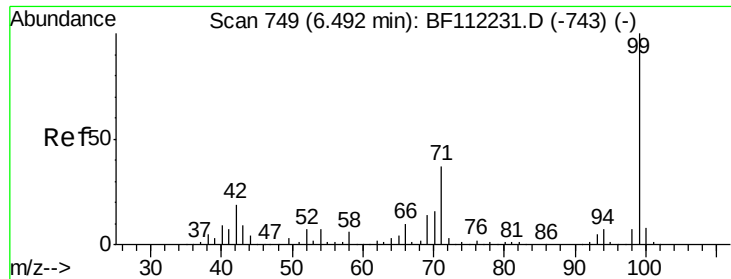


#5

2-Fluorophenol
Concen: 111.315 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112463.D
Acq: 8 Feb 2019 16:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.7	68.5
63	30.3	23.6	35.4





#7

Phenol-d6

Concen: 100.315 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112463.D

Acq: 8 Feb 2019 16:53

Instrument :

BNA_F

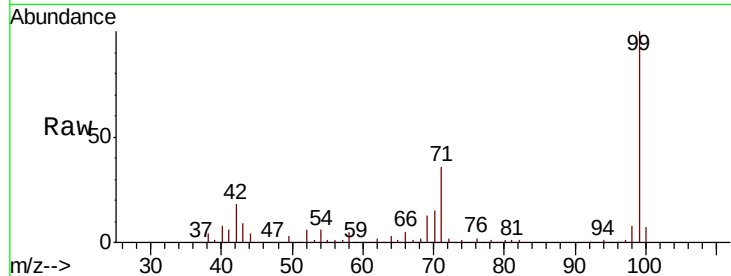
ClientSampleId :

SB-09(0-2)

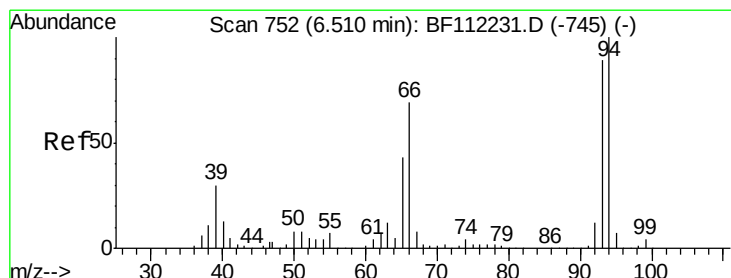
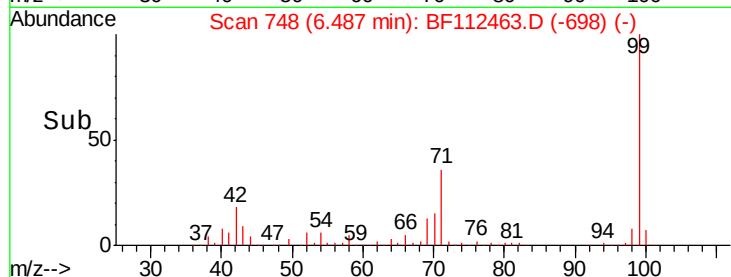
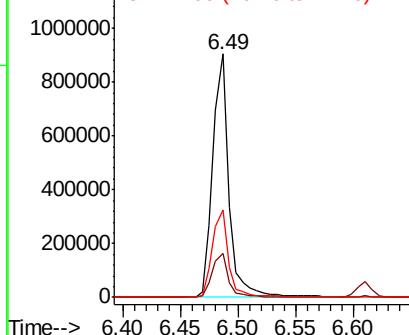
Tot Ion:	99	Resp:	887619
Ion Ratio	Lower	Upper	
99	100		
42	17.8	15.1	22.7
71	36.1	26.9	40.3

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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: 5.137 ng

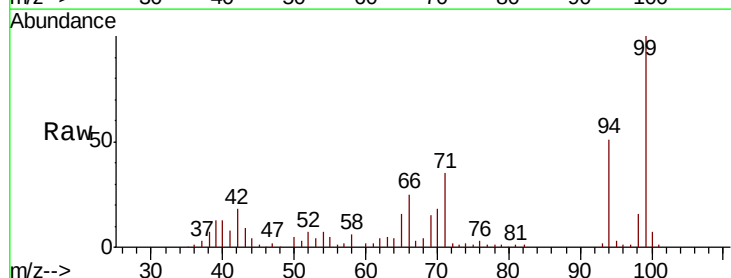
RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

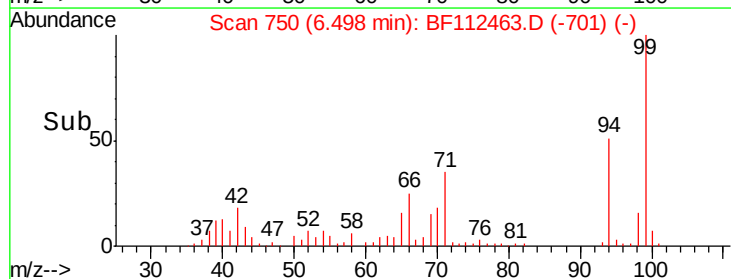
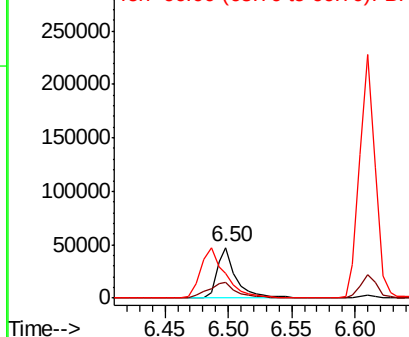
Lab File: BF112463.D

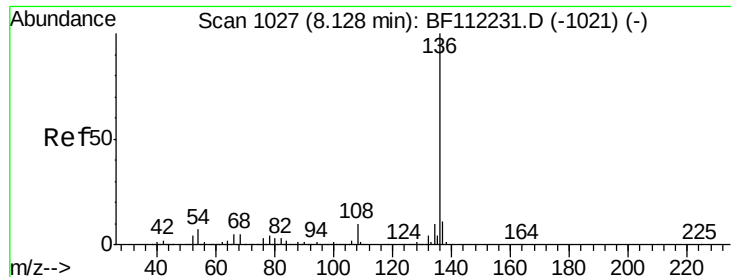
Acq: 8 Feb 2019 16:53

Tgt Ion:	94	Resp:	49870
Ion Ratio	Lower	Upper	
94	100		
65	30.4	20.3	60.3
66	49.0	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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112463.D

Acq: 8 Feb 2019 16:53

Instrument :

BNA_F

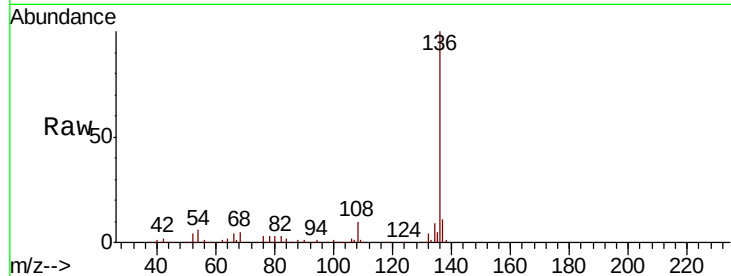
ClientSampleId :

SB-09(0-2)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.9	5.9	8.9
68	4.7	5.1	7.7#

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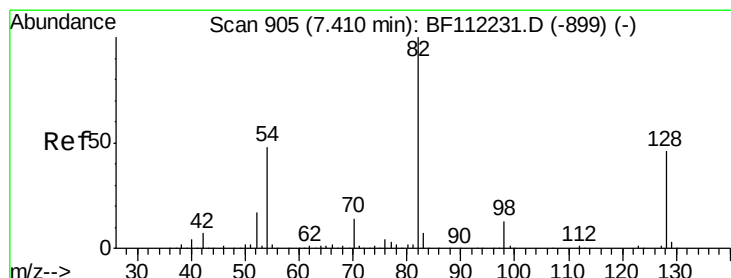
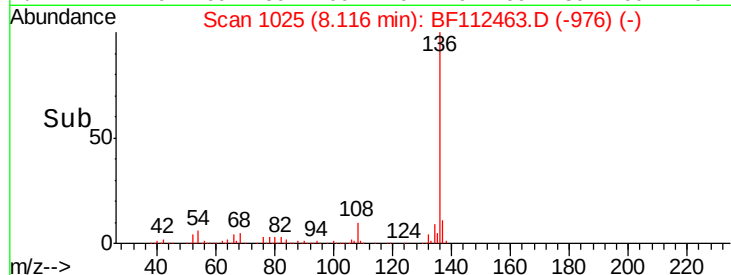
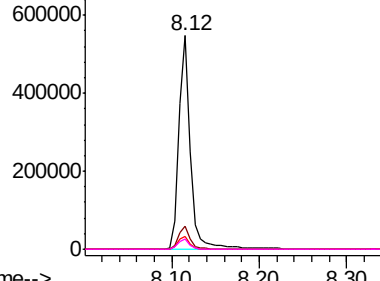
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 63.150 ng

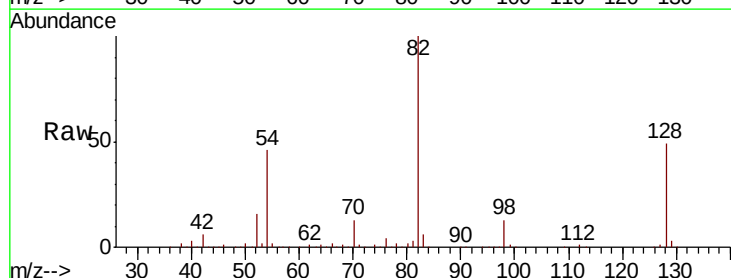
RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112463.D

Acq: 8 Feb 2019 16:53

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	48.9	37.8	56.8
54	46.1	39.7	59.5

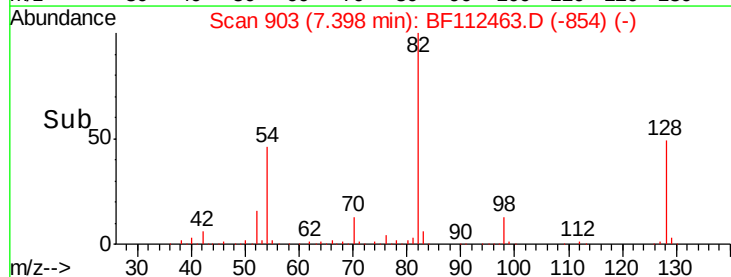
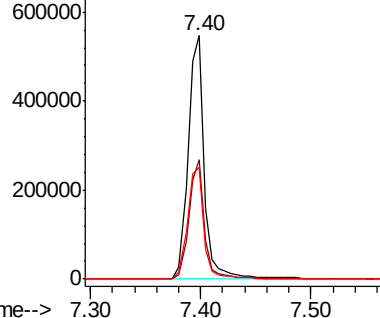


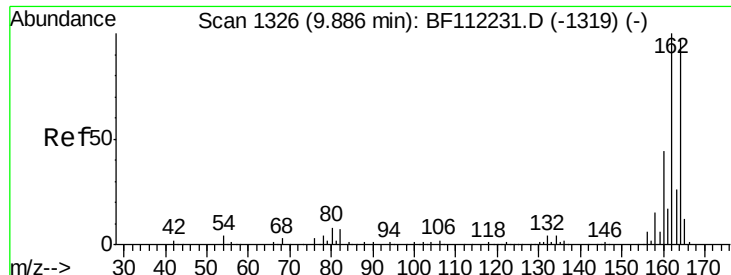
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





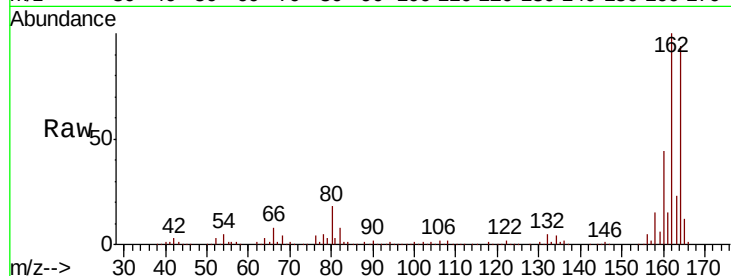
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112463.D
Acq: 8 Feb 2019 16:53

Instrument :
BNA_F
ClientSampleId :
SB-09(0-2)

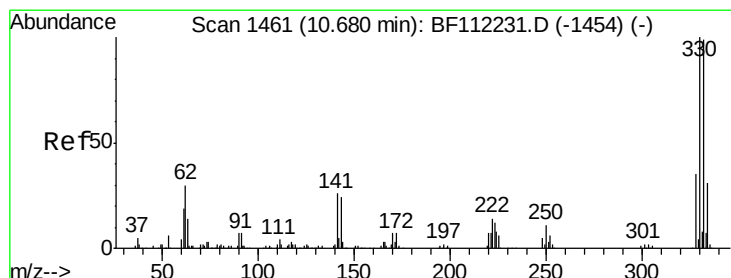
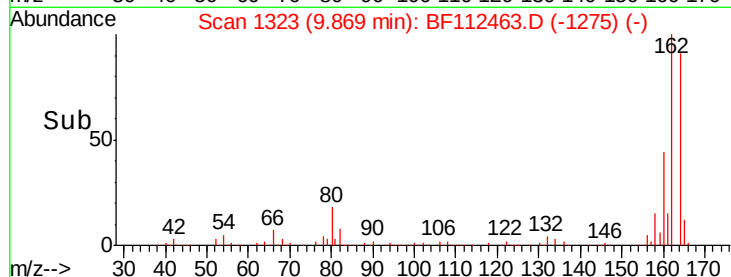
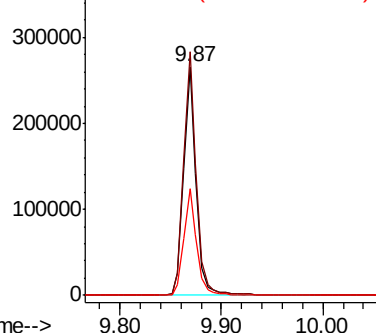
Tot Ion	Ratio	Resp	Lower	Upper
164	100	230118		
162	106.6	82.2	123.4	
160	46.6	36.2	54.4	

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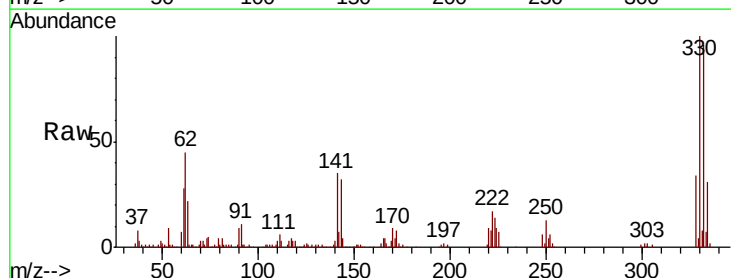


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

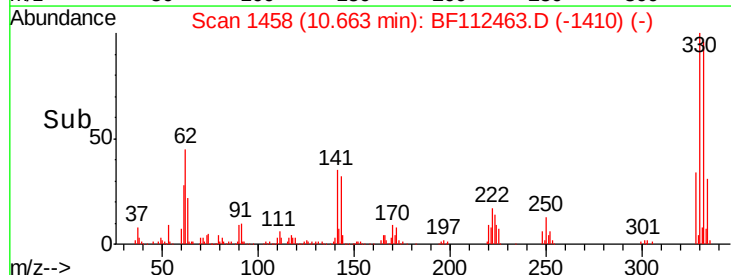
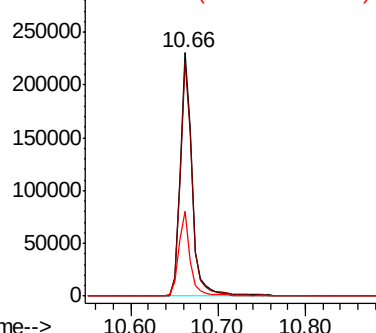


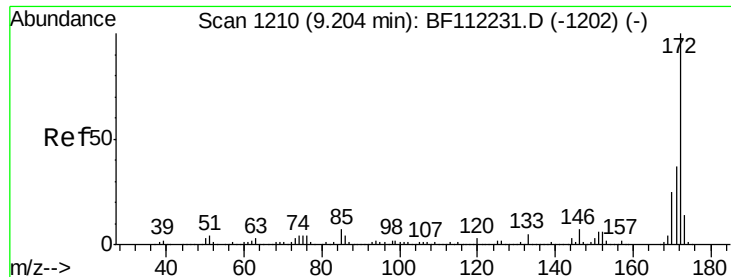
#42
2,4,6-Tribromophenol
Concen: 81.898 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112463.D
Acq: 8 Feb 2019 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	219365		
332	96.7	76.6	114.8	
141	33.7	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





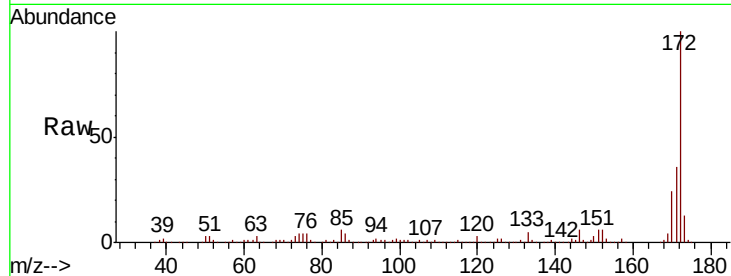
#45
2-Fluorobiphenyl
Concen: 63.376 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112463.D
Acq: 8 Feb 2019 16:53

Instrument :
BNA_F
ClientSampled :
SB-09(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.5	45.7
170	23.5	20.2	30.4

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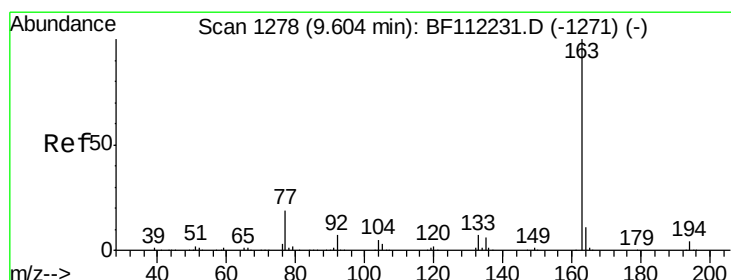
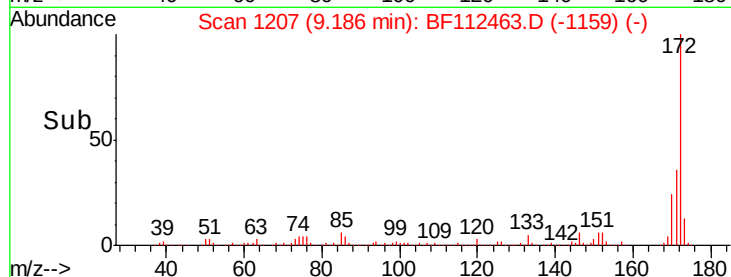
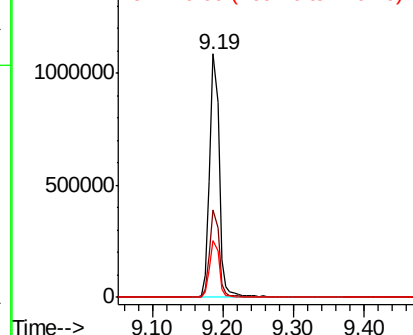


Abundance

Ion 172.00 (171.70 to 172.70): E

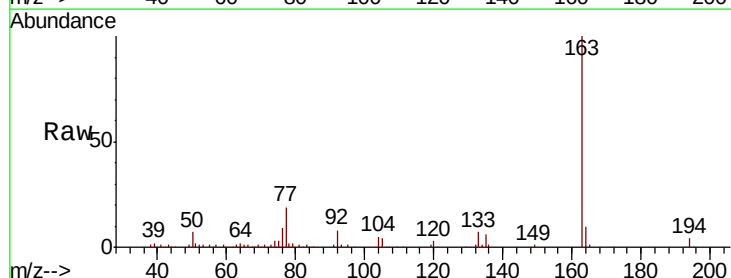
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.269 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112463.D
Acq: 8 Feb 2019 16:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.3	4.9
164	10.5	8.5	12.7

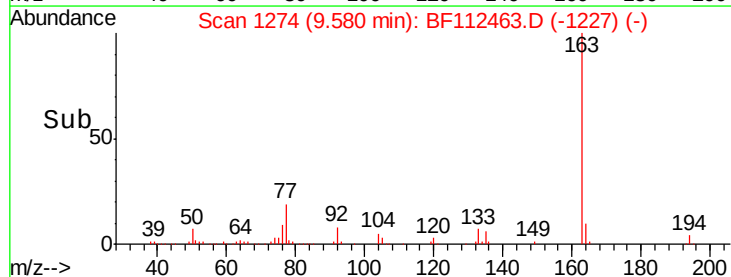
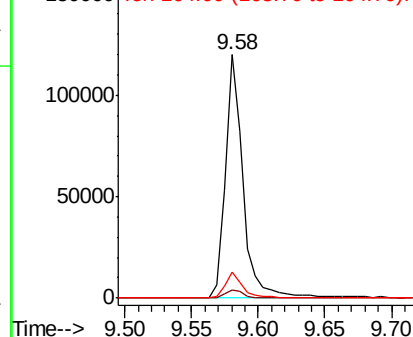


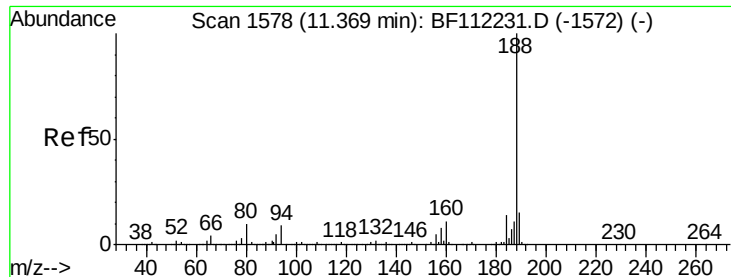
Abundance

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





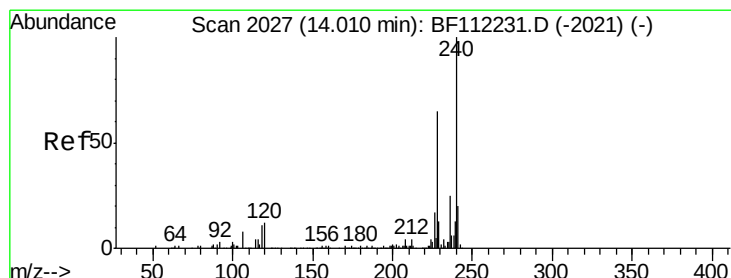
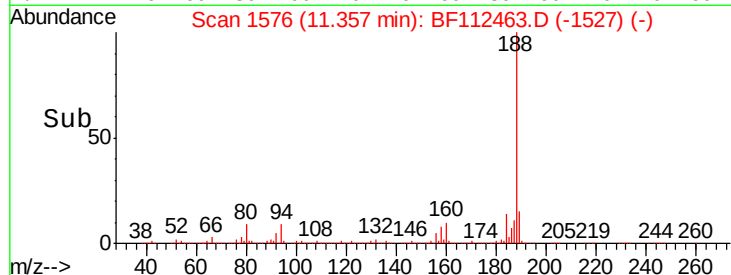
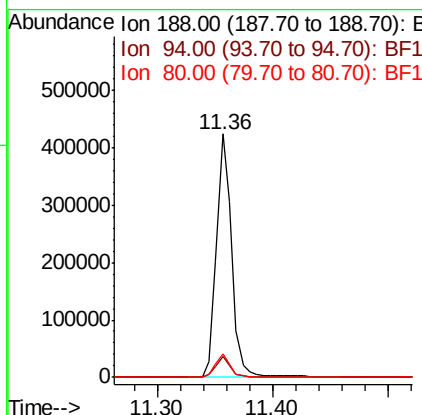
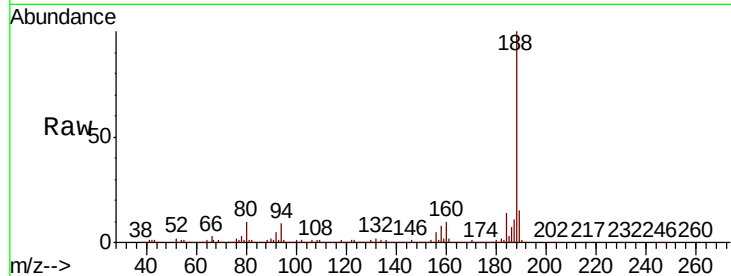
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112463.D
Acq: 8 Feb 2019 16:53

Instrument :
BNA_F
ClientSampled :
SB-09(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	389268		
94	8.6		8.2	12.2
80	9.5		8.9	13.3

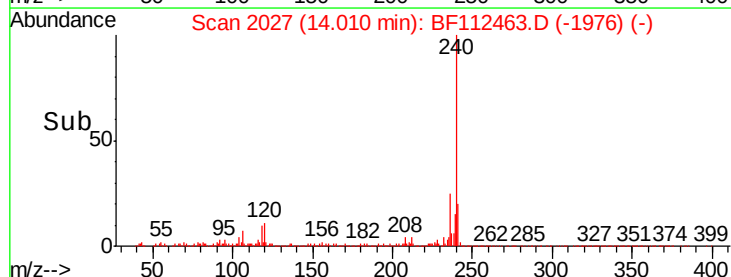
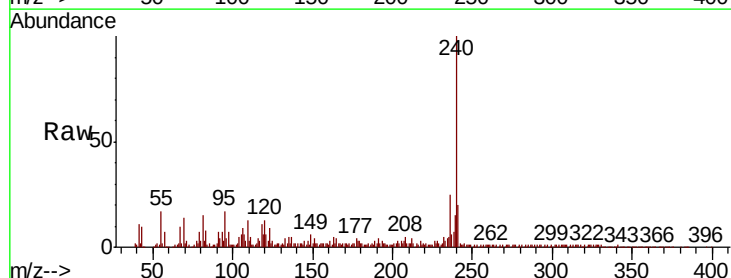
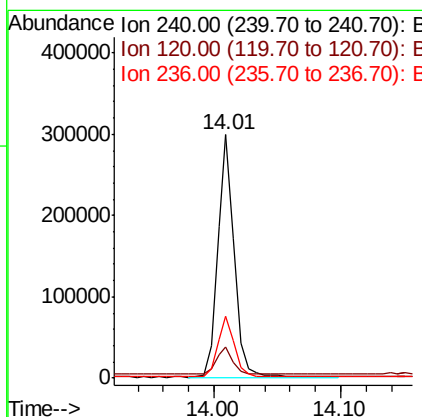
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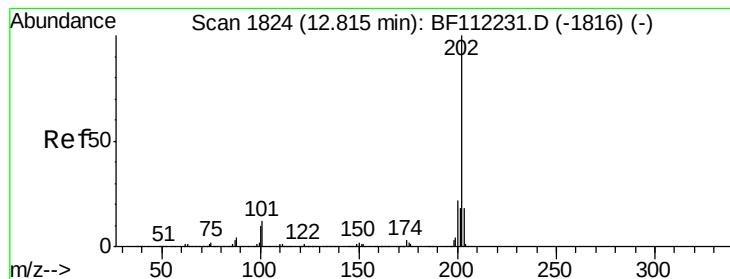
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112463.D
Acq: 8 Feb 2019 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	271797		
120	12.7		9.0	13.6
236	25.4		20.7	31.1





#78

Pvrene

Concen: 2.451 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112463.D

Acq: 8 Feb 2019 16:53

Instrument :

BNA_F

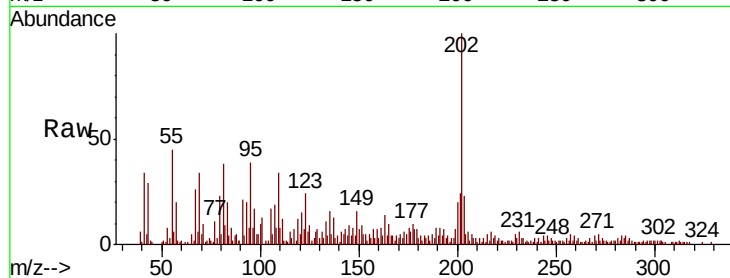
ClientSampleId :

SB-09(0-2)

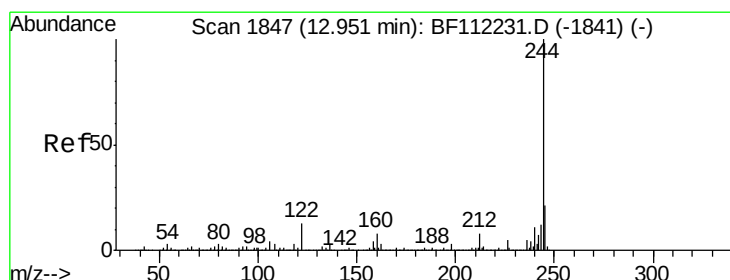
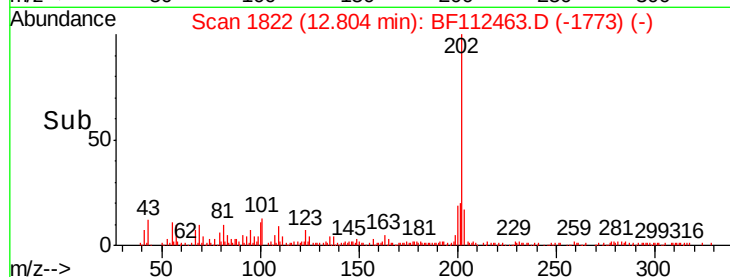
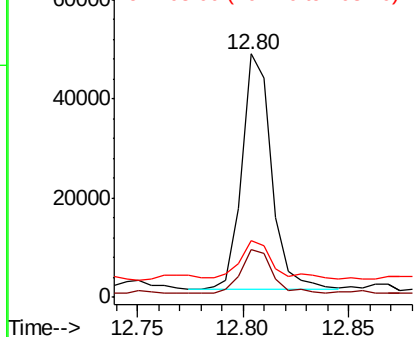
Tot Ion:	202	Resp:	46124
Ion Ratio	Lower	Upper	
202	100		
200	19.6	17.7	26.5
203	23.1	14.6	22.0#

Manual Integrations
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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: 51.493 ng

RT: 12.94 min Scan# 1845

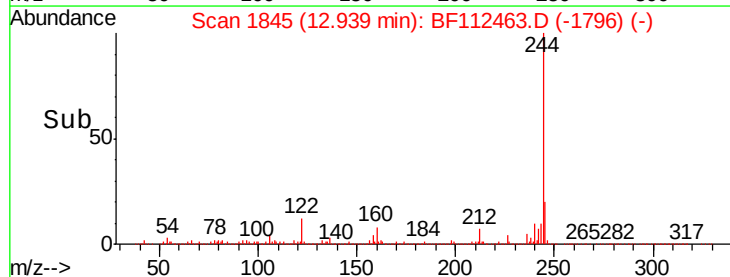
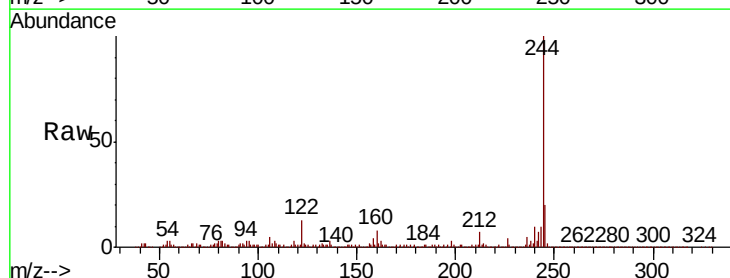
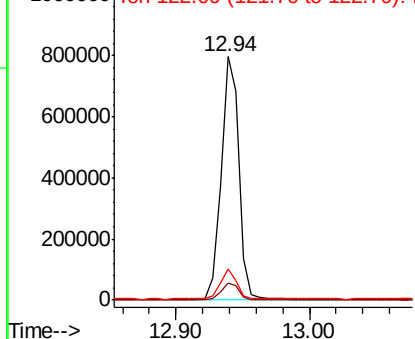
Delta R.T. -0.01 min

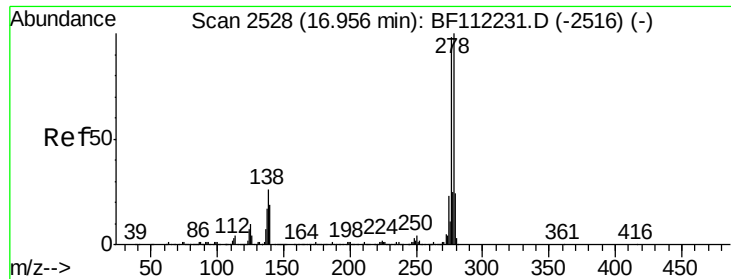
Lab File: BF112463.D

Acq: 8 Feb 2019 16:53

Tgt Ion:	244	Resp:	743082
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.9	8.9
122	12.7	9.8	14.6

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





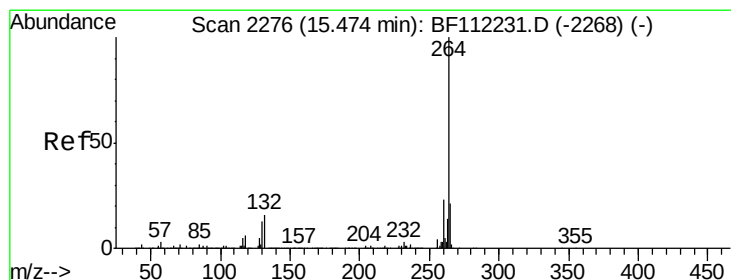
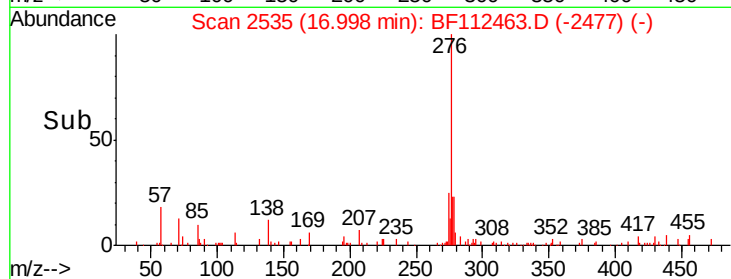
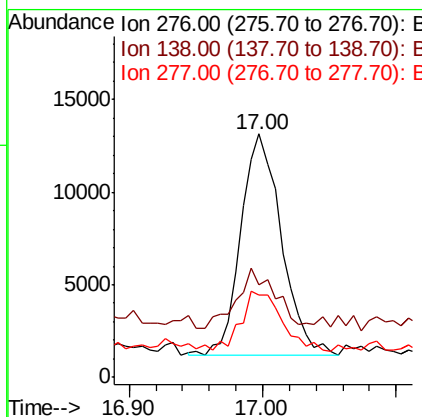
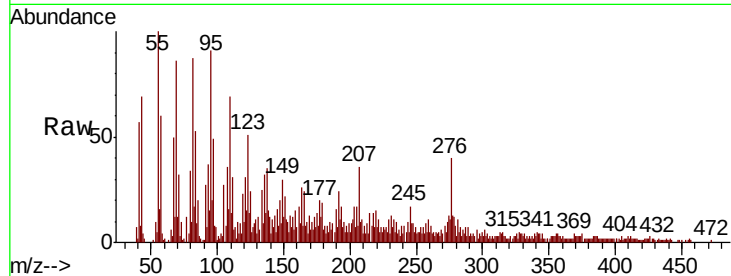
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.078 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.04 min
Lab File: BF112463.D
Acq: 8 Feb 2019 16:53

Instrument :
BNA_F
ClientSampled :
SB-09(0-2)

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	22.6	34.0
277	26.6	20.3	30.5

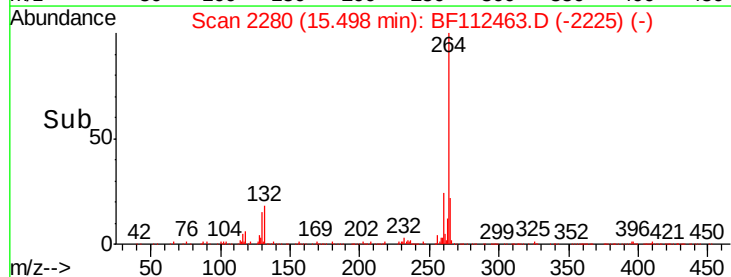
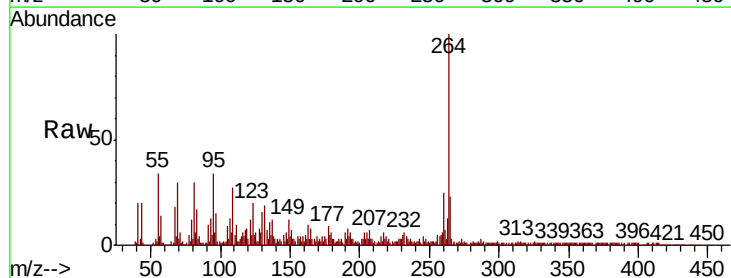
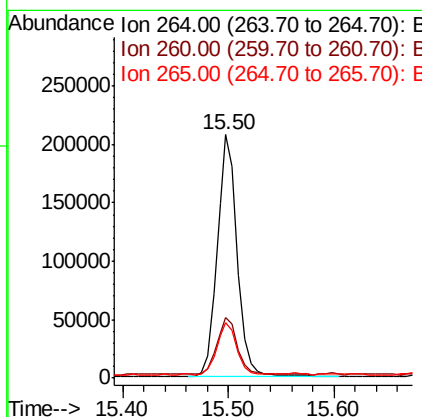
Manual Integrations
APPROVED

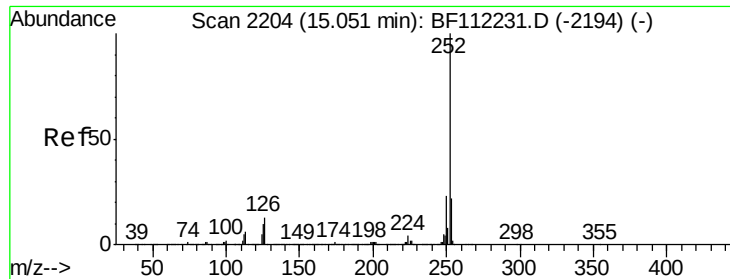
Sohil
2/11/2019 10:00:34 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112463.D
Acq: 8 Feb 2019 16:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.2	27.2
265	22.8	17.0	25.4





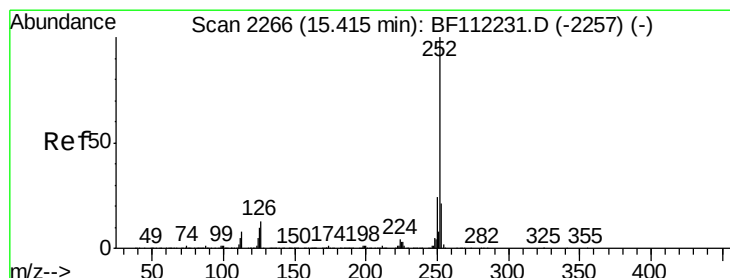
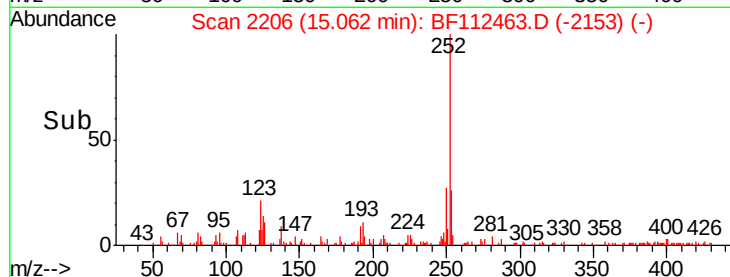
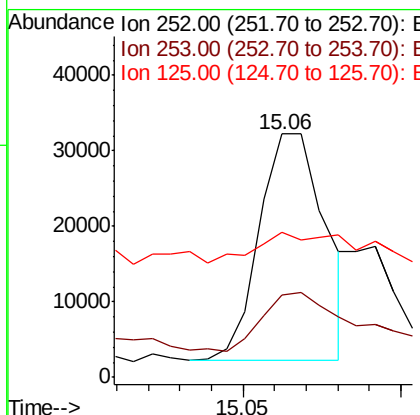
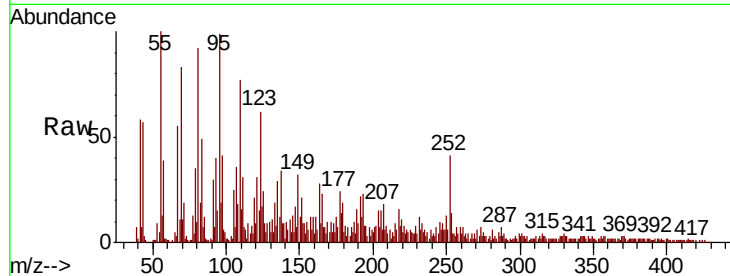
#88
Benzo(b)fluoranthene
Concen: 2.662 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF112463.D
Acq: 8 Feb 2019 16:53

Instrument :
BNA_F
ClientSampleId :
SB-09(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.7	18.0	27.0#
125	59.6	8.7	13.1#

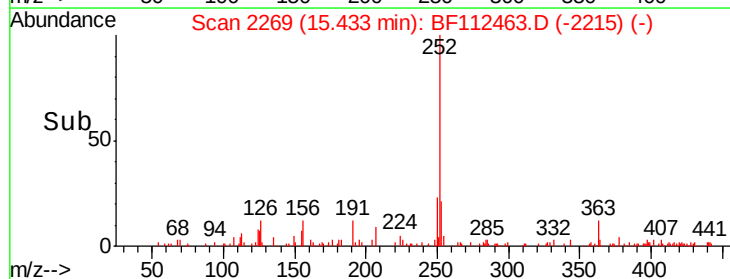
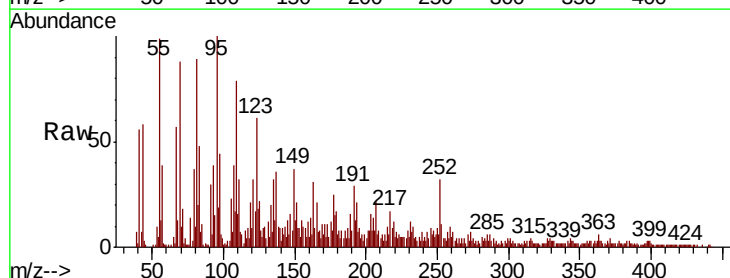
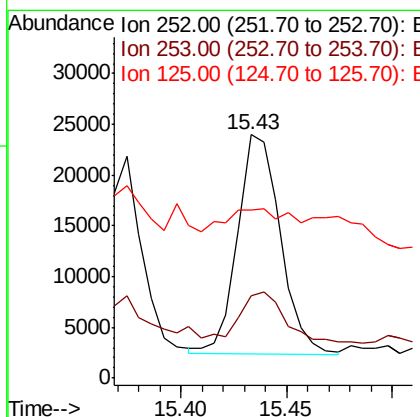
Manual Integrations
APPROVED

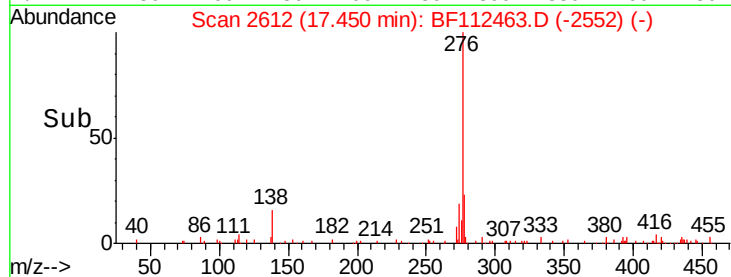
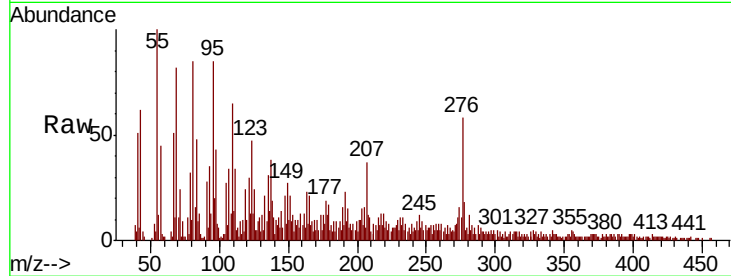
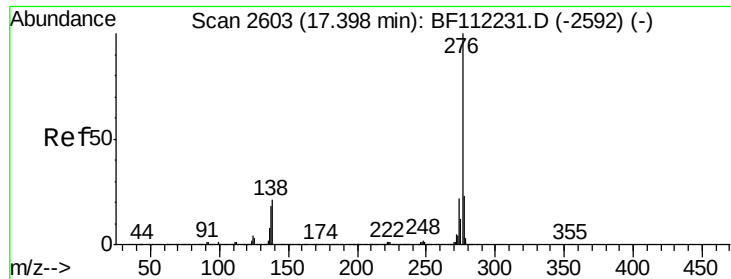
Sohil
2/11/2019 10:00:34 AM



#90
Benzo(a)pyrene
Concen: 2.068 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.02 min
Lab File: BF112463.D
Acq: 8 Feb 2019 16:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.0	17.5	26.3#
125	69.2	9.0	13.4#





#92
 Benzo(a,h,i)perylene
 Concen: 3.020 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.05 min
 Lab File: BF112463.D
 Acq: 8 Feb 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(0-2)

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.3	19.4	29.0#
138	33.6	19.1	28.7#

Manual Integrations
 APPROVED

Sohil
 2/11/2019 10:00:34 AM

