

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112211.D
 Acq On : 24 Jan 2019 16:19
 Operator : JU/SJ
 Sample : K1016-07 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-RO-3-012319

Manual Integrations
 APPROVED

Sohil
 1/25/2019 10:05:05 AM

Quant Time: Jan 25 01:37:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	211606	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	810667	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	368938	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	595353	20.00	ng	0.00
76) Chrysene-d12	14.03	240	501089	20.00	ng	0.00
87) Perylene-d12	15.50	264	386053	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	633449	54.33	ng	0.00
7) Phenol-d6	6.50	99	795088	54.51	ng	0.00
23) Nitrobenzene-d5	7.41	82	483617	41.22	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	197468	49.61	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	927803	36.87	ng	0.00
79) Terphenyl-d14	12.98	244	669013	28.40	ng	0.01
Target Compounds						
10) Phenol	6.51	94	68585	4.302	ng	Qvalue # 72
50) Dimethylphthalate	9.60	163	81912	3.044	ng	100
78) Pyrene	12.87	202	66190m	2.002	ng	
88) Benzo(b)fluoranthene	15.07	252	55616m	2.538	ng	

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

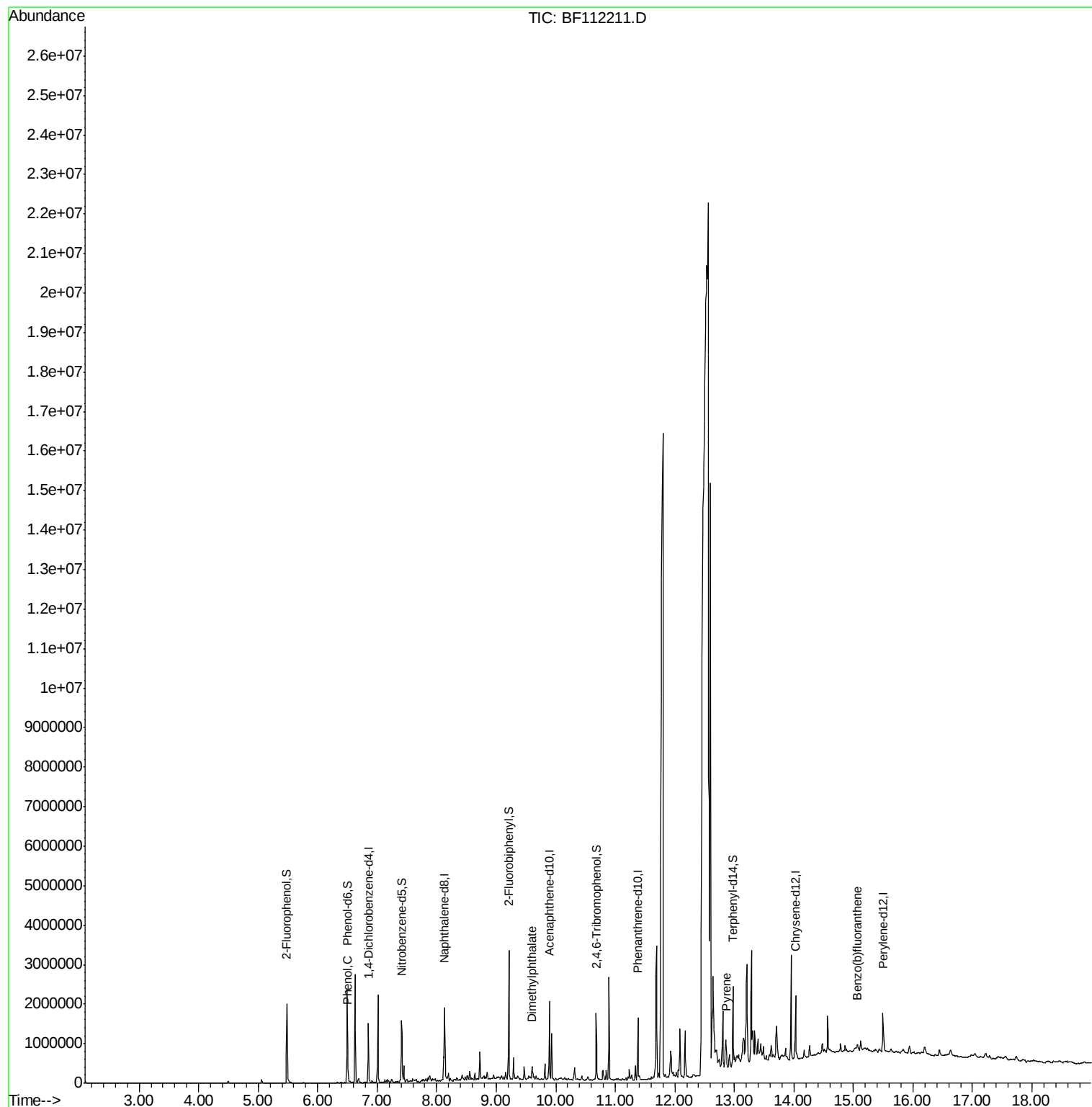
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112211.D
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Operator : JU/SJ
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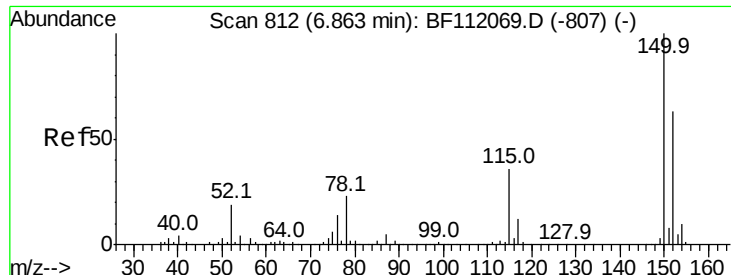
Instrument :
BNA_F
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TR-05-RO-3-012319

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
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#1

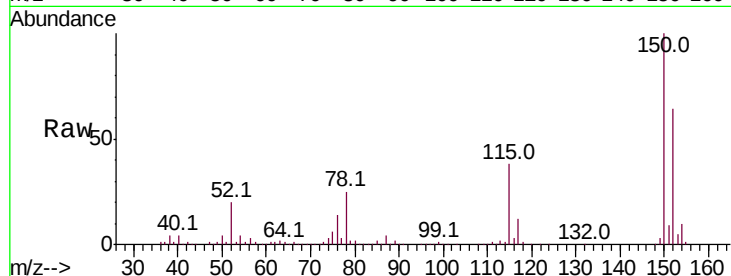
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112211.D
Acq: 24 Jan 2019 16:19

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-3-012319

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.4	191.0
115	60.0	45.5	68.3

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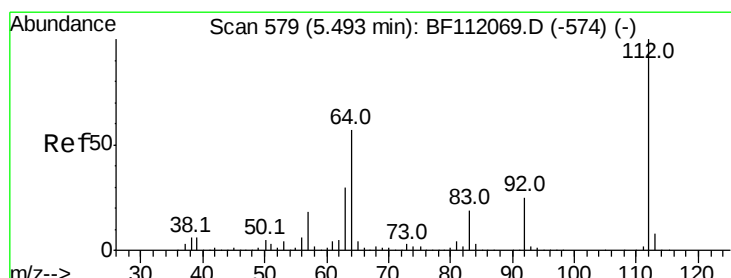
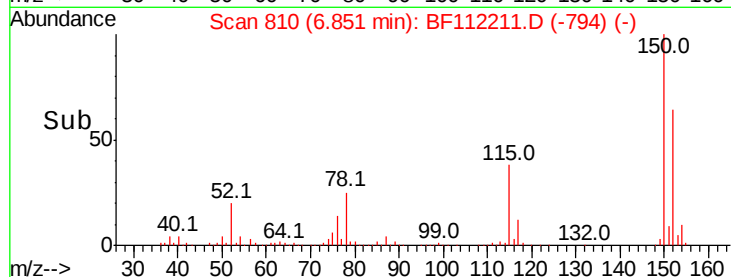
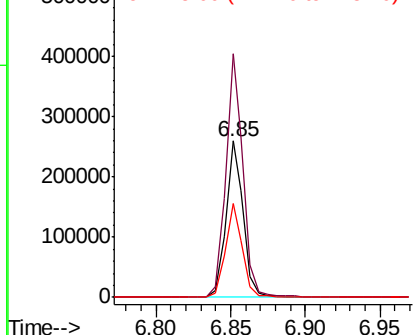


Abundance

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: 54.334 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112211.D
Acq: 24 Jan 2019 16:19

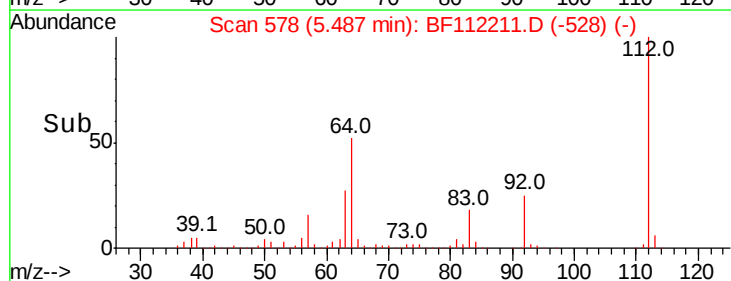
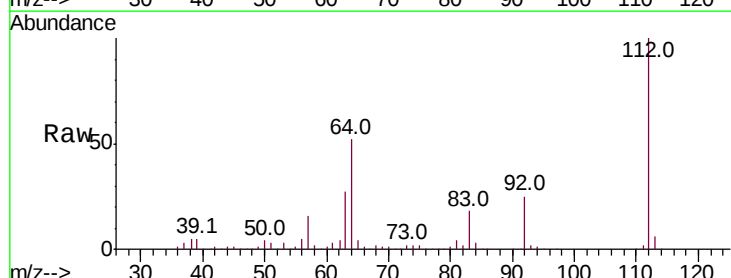
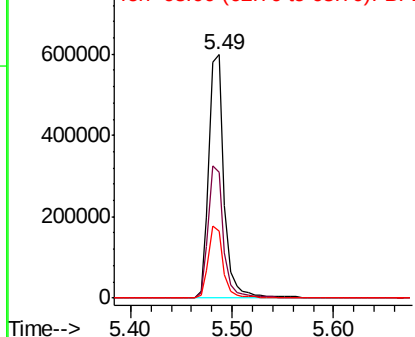
Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	45.7	68.5
63	27.3	23.6	35.4

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: 54.508 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112211.D

Acq: 24 Jan 2019 16:19

Instrument :

BNA_F

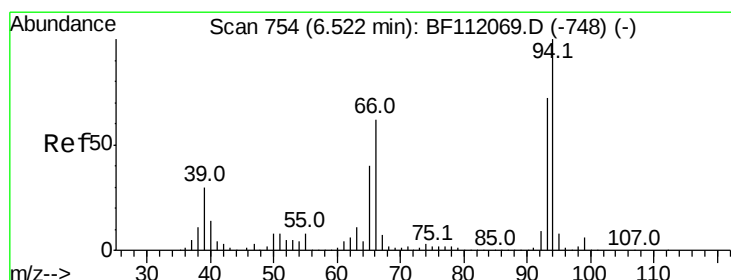
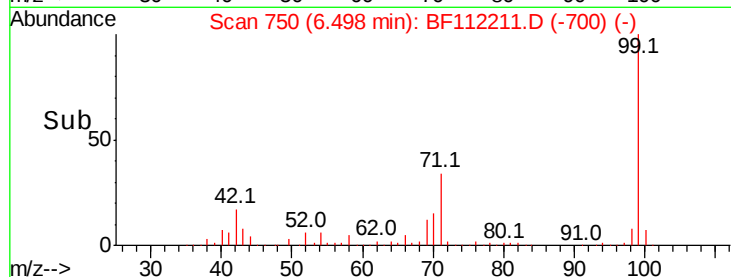
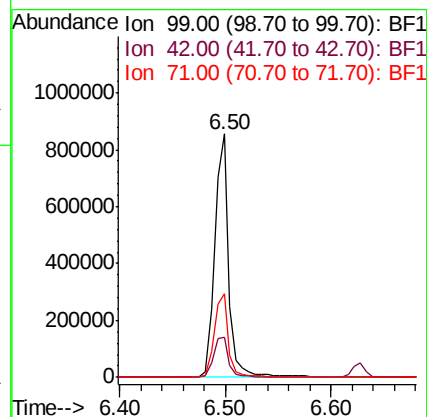
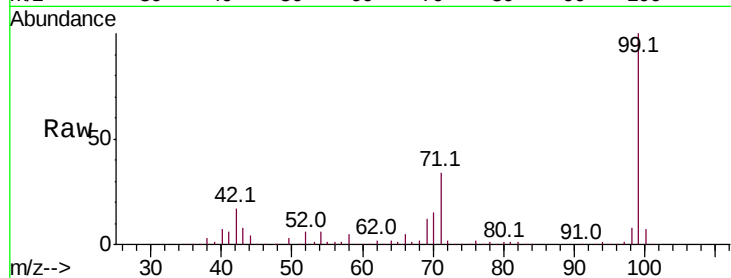
ClientSampleId :

TR-05-RO-3-012319

Tot Ion:	99	Resp:	795088
Ion Ratio	Lower	Upper	
99	100		
42	16.6	15.1	22.7
71	34.1	26.9	40.3

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#10

Phenol

Concen: 4.302 ng

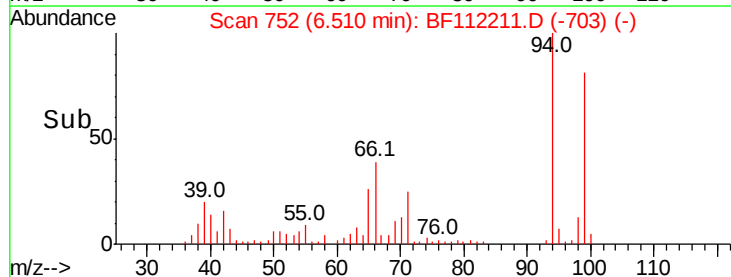
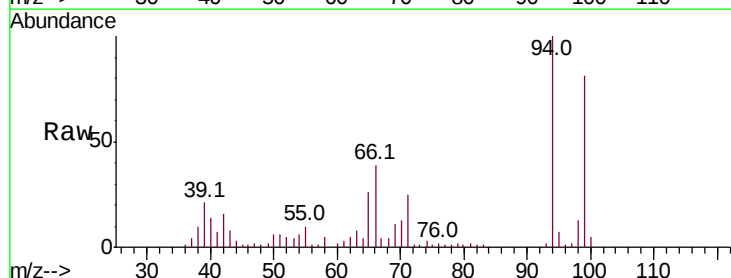
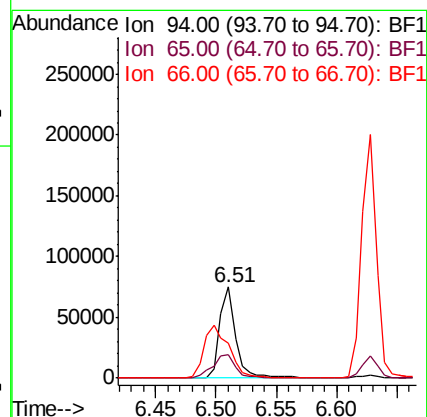
RT: 6.51 min Scan# 752

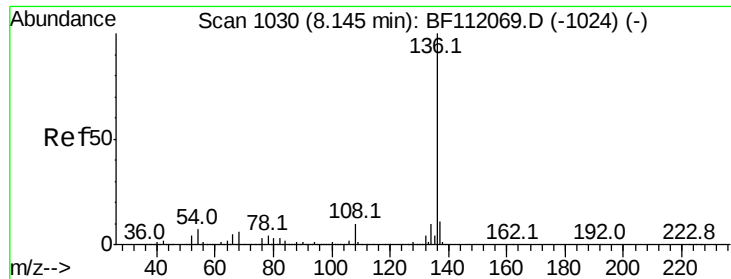
Delta R.T. -0.01 min

Lab File: BF112211.D

Acq: 24 Jan 2019 16:19

Tgt Ion:	94	Resp:	68585
Ion Ratio	Lower	Upper	
94	100		
65	26.2	20.3	60.3
66	38.7	42.4	82.4#





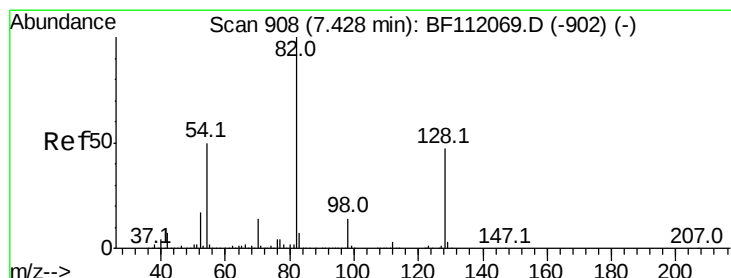
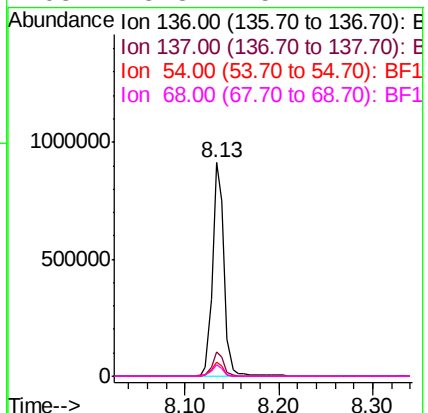
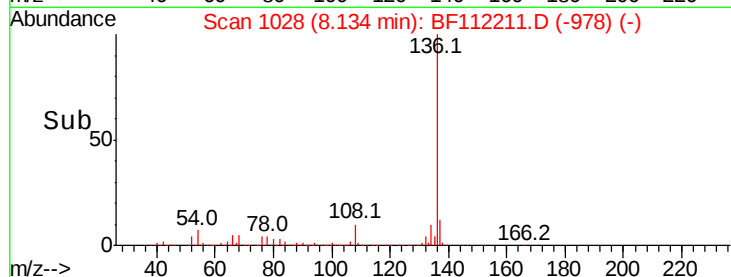
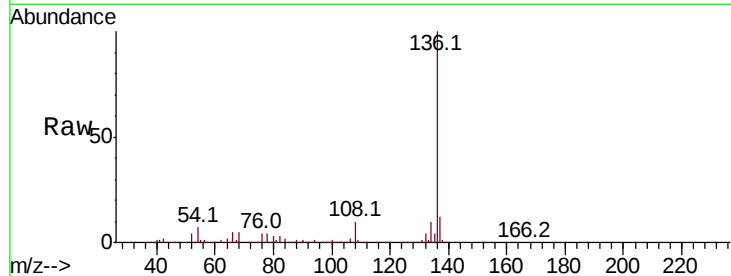
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112211.D
Acq: 24 Jan 2019 16:19

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-3-012319

Tot Ion	Ratio	Resp	Lower	Upper
136	100	810667		
137	11.6		9.1	13.7
54	6.8		5.9	8.9
68	5.3		5.1	7.7

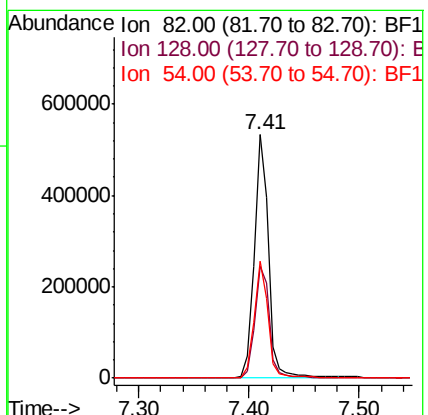
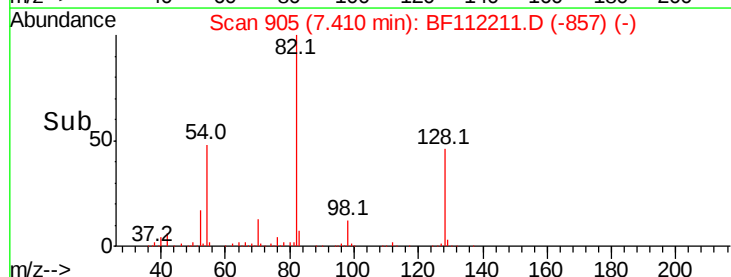
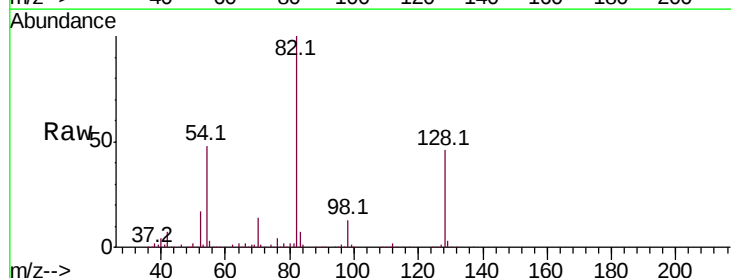
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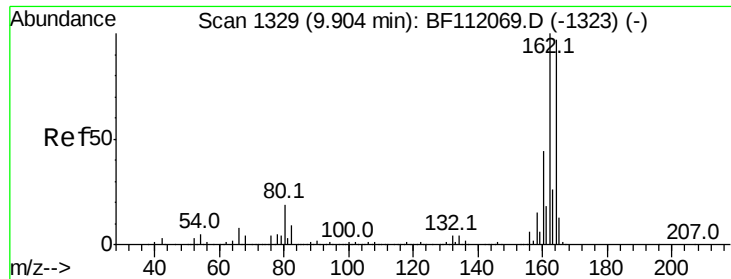
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#23
Nitrobenzene-d5
Concen: 41.216 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112211.D
Acq: 24 Jan 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	483617		
128	45.7		37.8	56.8
54	47.8		39.7	59.5





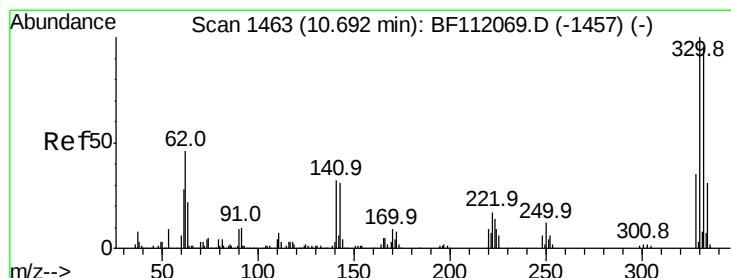
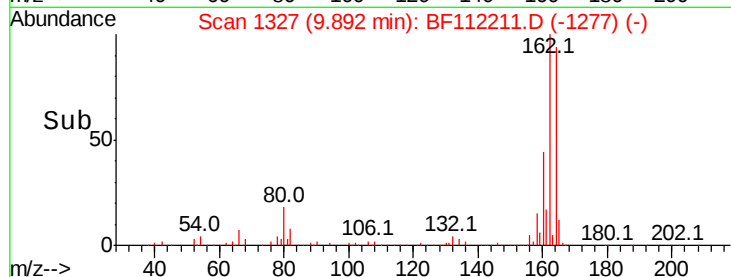
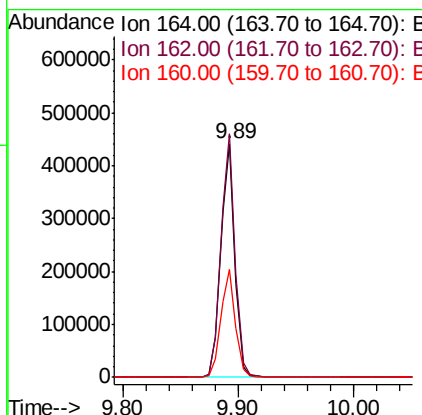
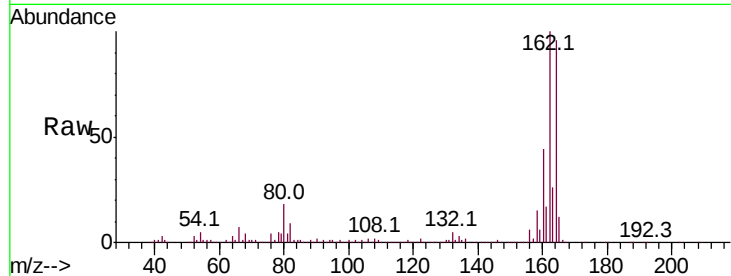
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112211.D
Acq: 24 Jan 2019 16:19

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-3-012319

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.3	82.2	123.4	
160	46.3	36.2	54.4	

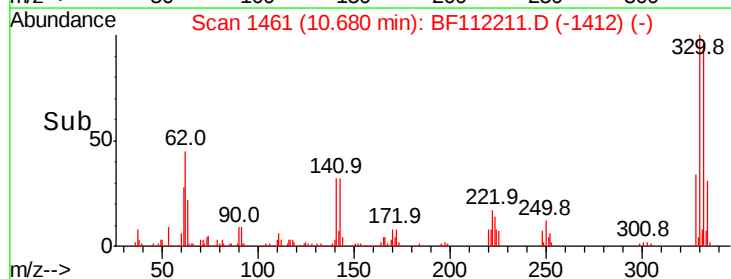
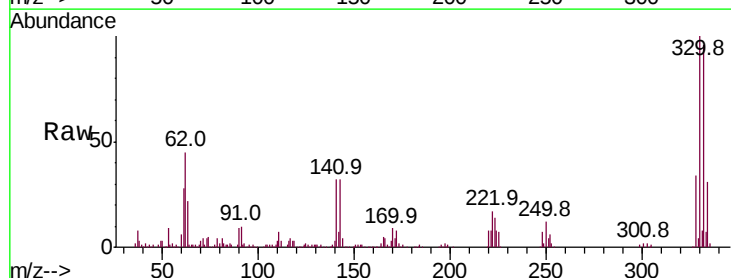
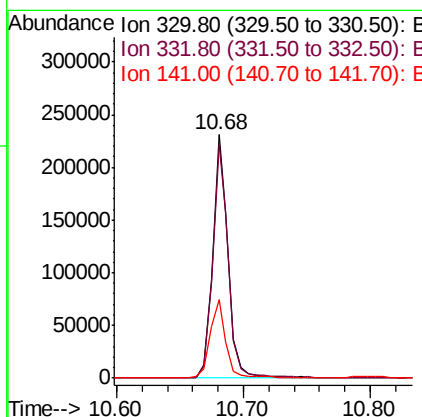
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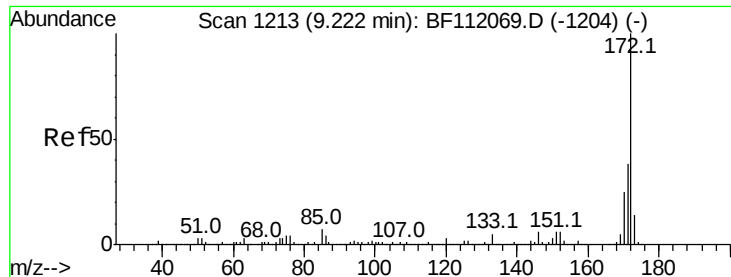
Sohil
1/25/2019 10:05:05 AM



#42
2,4,6-Tribromophenol
Concen: 49.615 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF112211.D
Acq: 24 Jan 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	76.6	114.8	
141	32.8	24.3	36.5	





#45

2-Fluorobiphenyl

Concen: 36.870 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF112211.D

Acq: 24 Jan 2019 16:19

Instrument :

BNA_F

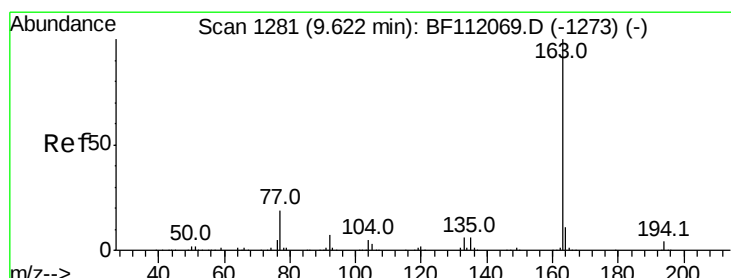
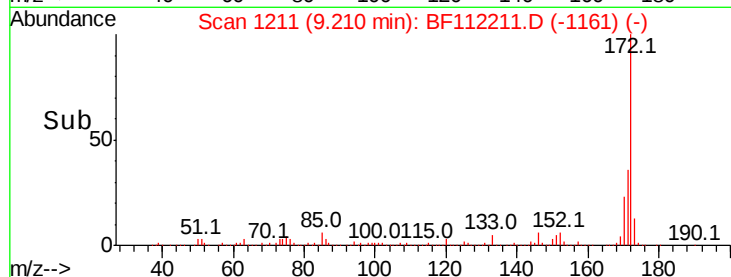
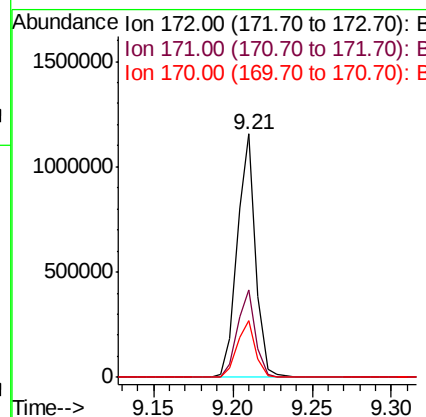
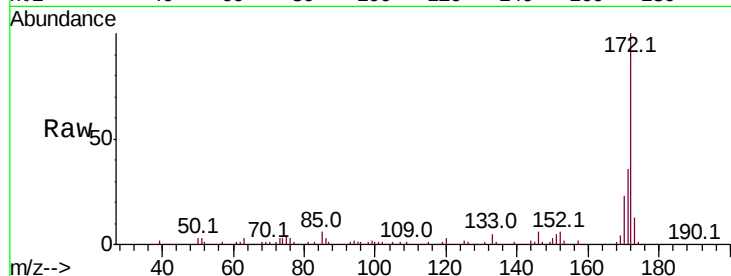
ClientSampleId :

TR-05-RO-3-012319

Tot Ion:	172	Resp:	927803
Ion Ratio	Lower	Upper	
172	100		
171	35.8	30.5	45.7
170	23.5	20.2	30.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 3.044 ng

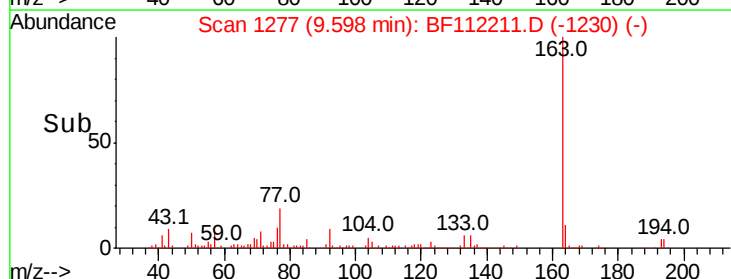
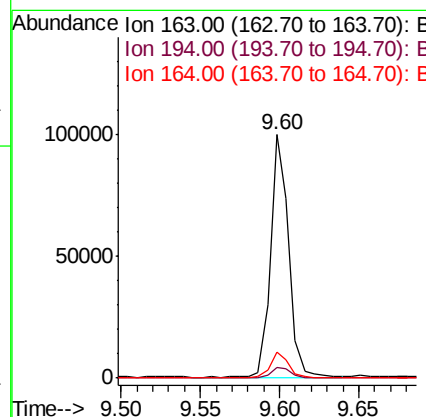
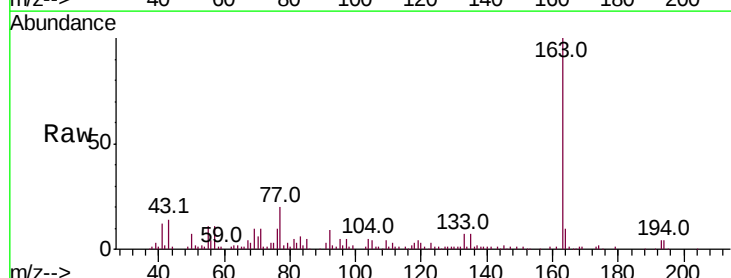
RT: 9.60 min Scan# 1277

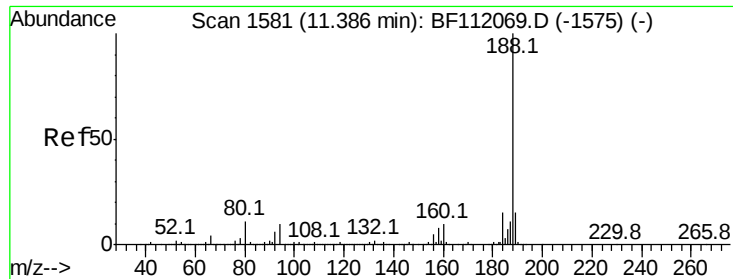
Delta R.T. -0.02 min

Lab File: BF112211.D

Acq: 24 Jan 2019 16:19

Tgt Ion:	163	Resp:	81912
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	10.5	8.5	12.7





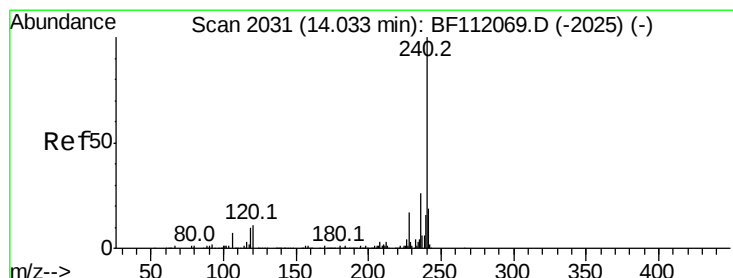
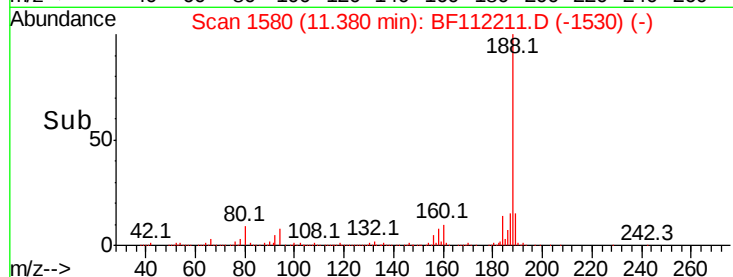
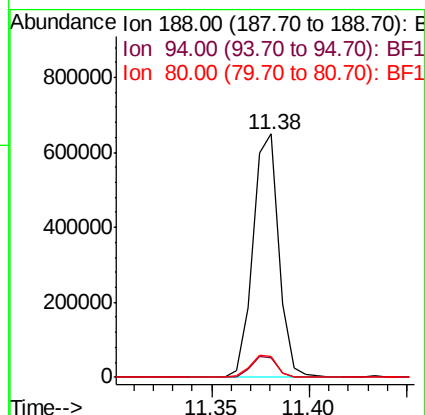
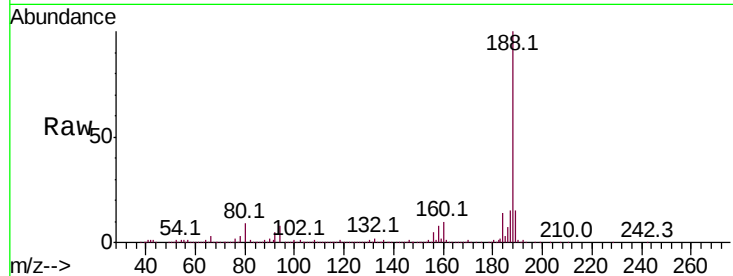
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112211.D
Acq: 24 Jan 2019 16:19

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-3-012319

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	8.2	12.2#
80	8.6	8.9	13.3#

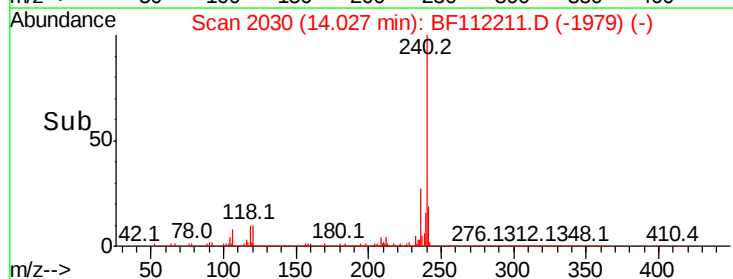
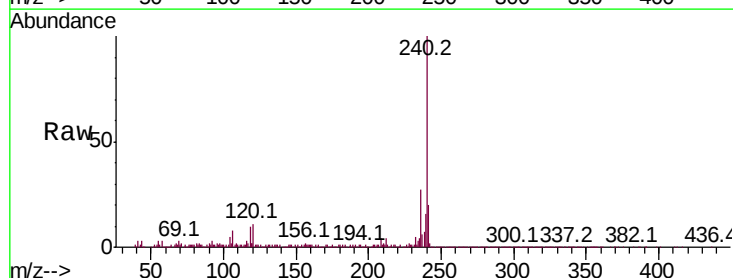
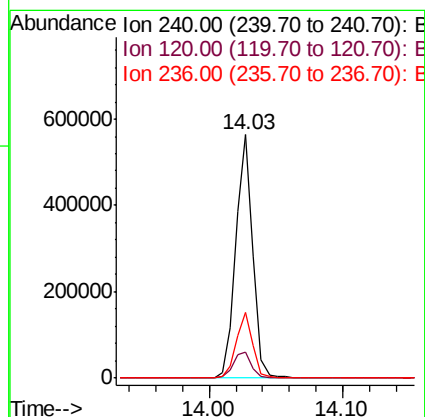
Manual Integrations
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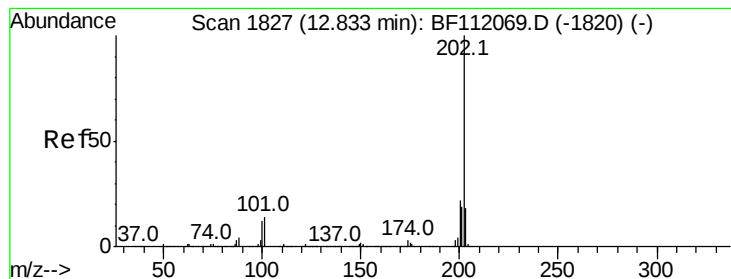
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF112211.D
Acq: 24 Jan 2019 16:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.7	9.0	13.6
236	26.8	20.7	31.1





#78

Pvrene

Concen: 2.002 ng/mL

RT: 12.87 min Scan# 1834

Delta R.T. 0.05 min

Lab File: BF112211.D

Acq: 24 Jan 2019 16:19

Instrument :

BNA_F

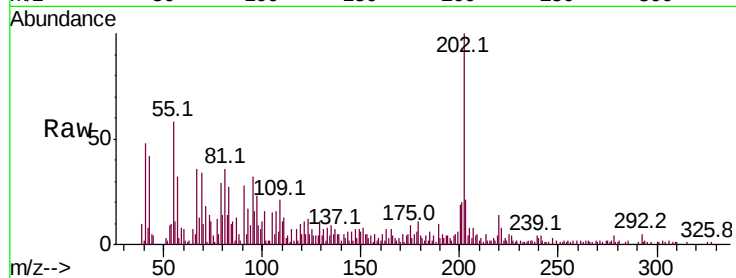
ClientSampleId :

TR-05-RO-3-012319

Tot Ion:	202	Resp:	66190
Ion Ratio	Lower	Upper	
202	100		
200	19.0	17.7	26.5
203	20.5	14.6	22.0

Manual Integrations
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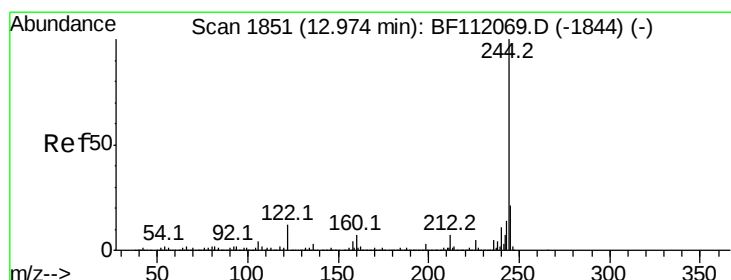
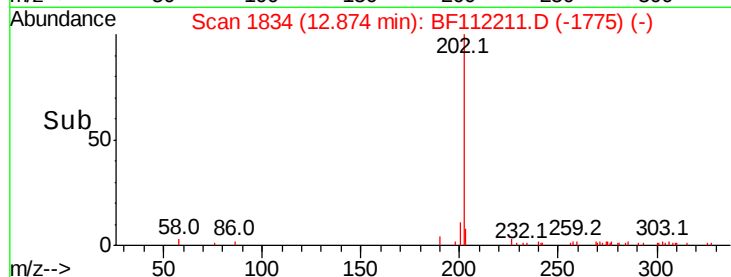
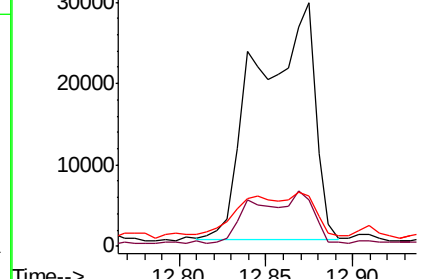
Sohil
1/25/2019 10:05:05 AM



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: 28.403 ng/mL

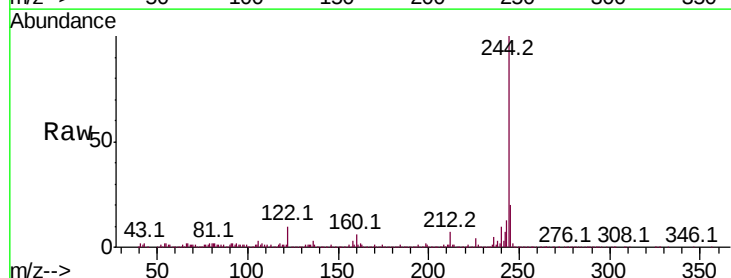
RT: 12.98 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BF112211.D

Acq: 24 Jan 2019 16:19

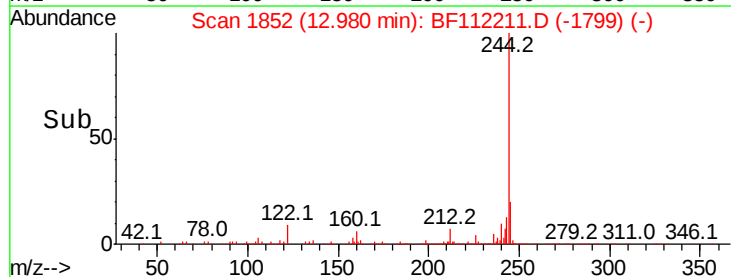
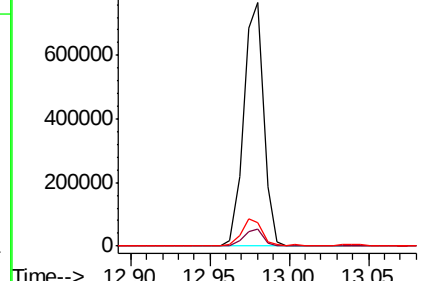
Tgt Ion:	244	Resp:	669013
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.9	8.9
122	9.6	9.8	14.6#

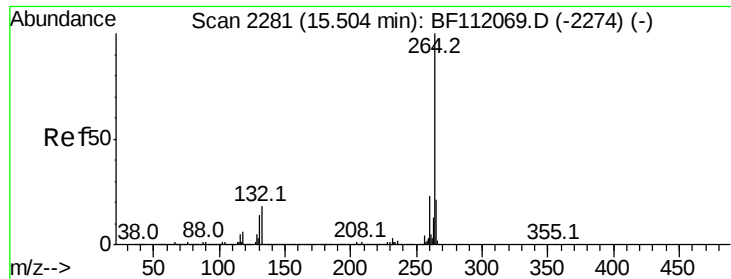


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





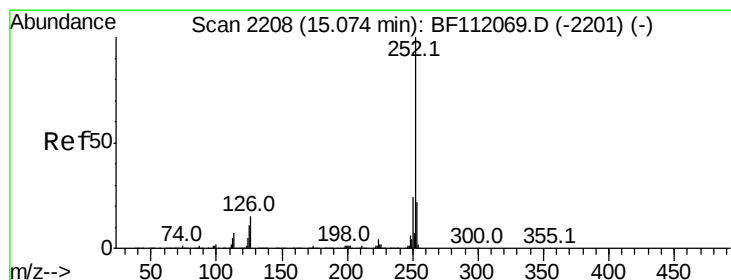
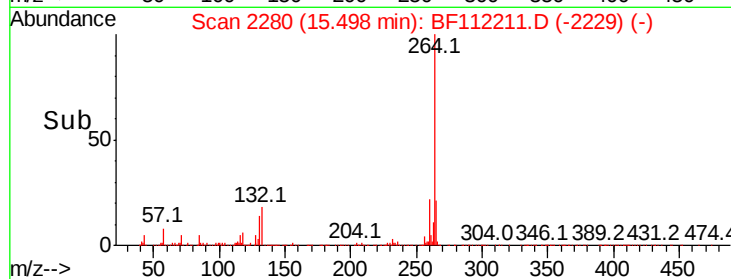
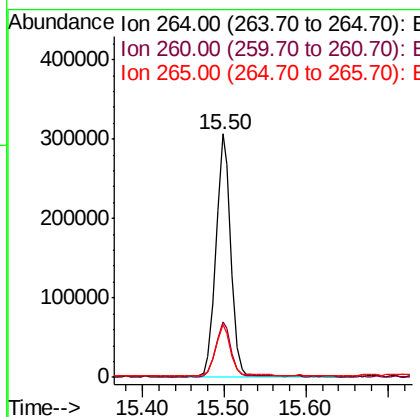
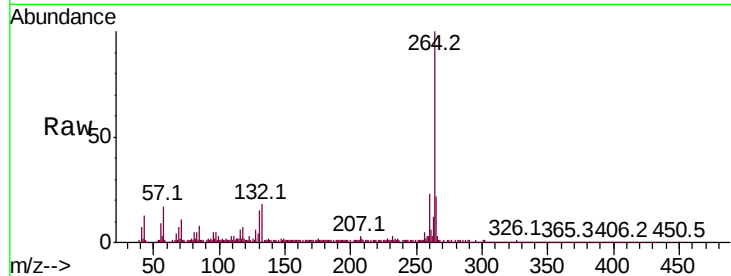
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF112211.D
Acq: 24 Jan 2019 16:19

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-3-012319

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	22.0	17.0	25.4

Manual Integrations
APPROVED

Sohil
1/25/2019 10:05:05 AM



#88
Benzo(b)fluoranthene
Concen: 2.538 ng m
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF112211.D
Acq: 24 Jan 2019 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.6	18.0	27.0#
125	22.8	8.7	13.1#

