

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110435.D
 Acq On : 3 Nov 2018 1:59
 Operator : JU/SJ
 Sample : J5769-19 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GOFFLE-RD-3

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:57 AM

Quant Time: Nov 03 03:41:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	70012	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	257764	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	107906	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	205156	20.00	ng	0.00
76) Chrysene-d12	14.13	240	148655	20.00	ng	0.00
87) Perylene-d12	15.66	264	111821	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	78233	18.20	ng	0.00
7) Phenol-d6	6.57	99	96277	17.51	ng	0.00
23) Nitrobenzene-d5	7.52	82	51699	11.90	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	18333	17.15	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	100821	14.67	ng	0.00
79) Terphenyl-d14	13.07	244	90863	12.71	ng	0.00
Target Compounds						
75) Fluoranthene	12.70	202	33369	3.063	ng	Qvalue 100
78) Pyrene	12.94	202	29323	2.751	ng	99
80) Butylbenzylphthalate	13.53	149	18044	3.901	ng	97
88) Benzo(b)fluoranthene	15.21	252	17568m	2.721	ng	

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

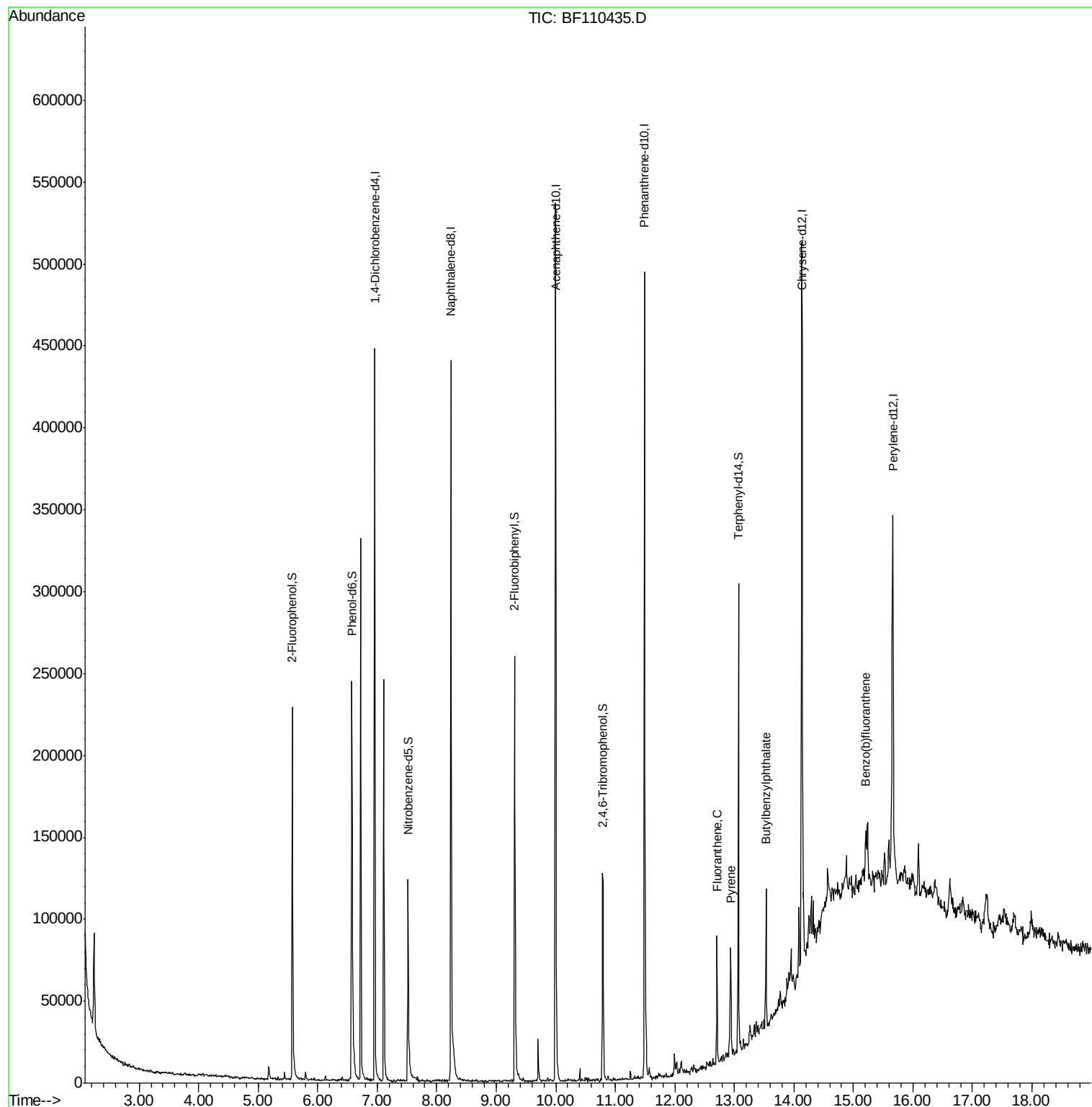
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110435.D
Acq On : 3 Nov 2018 1:59
Operator : JU/SJ
Sample : J5769-19 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

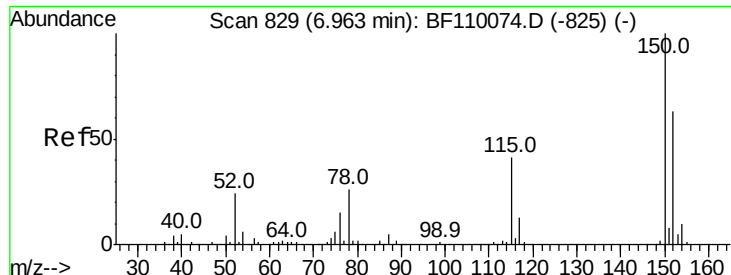
Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-3

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:57 AM

Quant Time: Nov 03 03:41:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration





#1

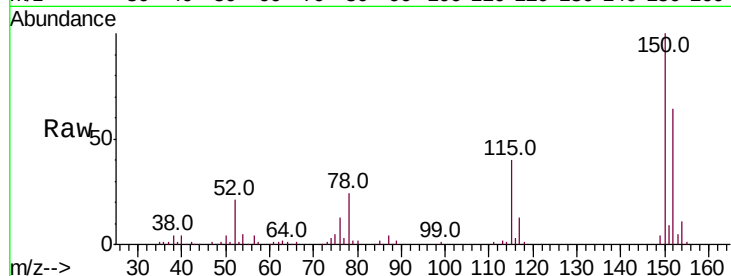
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.7	184.1
115	61.9	49.1	73.7

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:57 AM

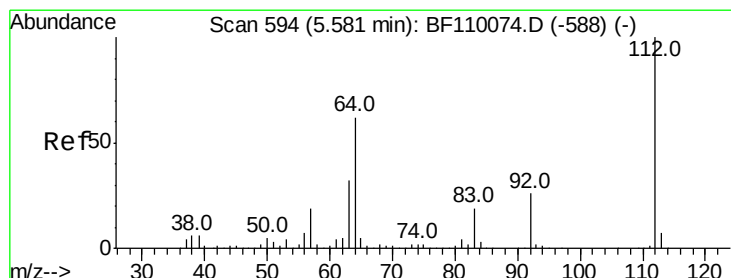
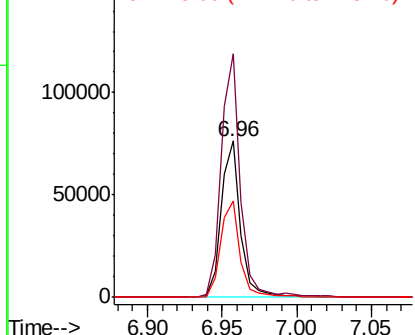
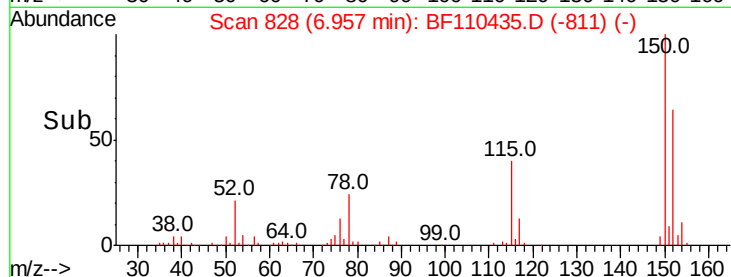


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

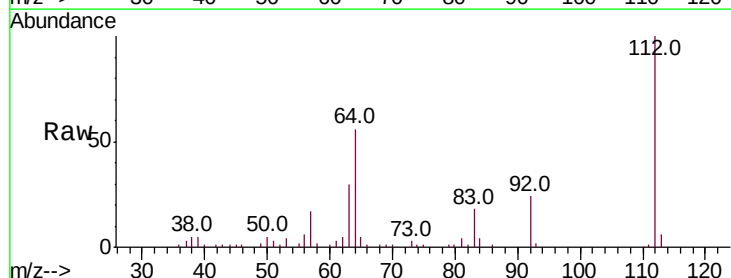
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 18.197 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.1	66.1
63	29.7	23.7	35.5

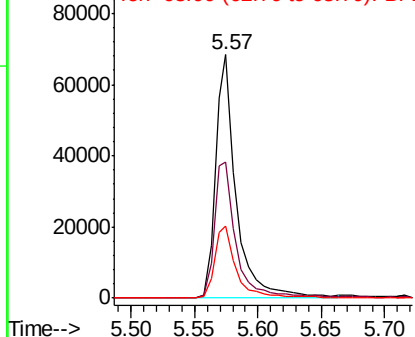
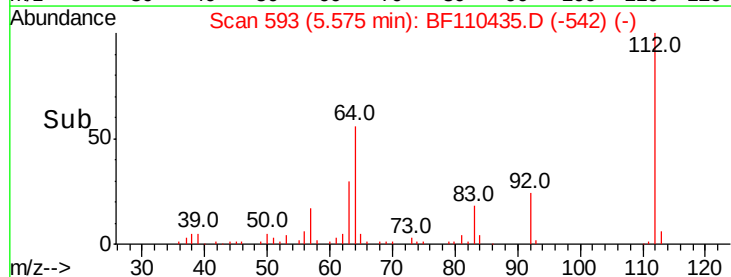


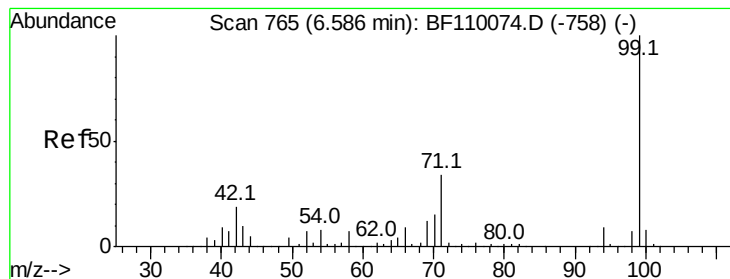
Abundance

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: 17.508 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110435.D

Acq: 3 Nov 2018 1:59

Instrument :

BNA_F

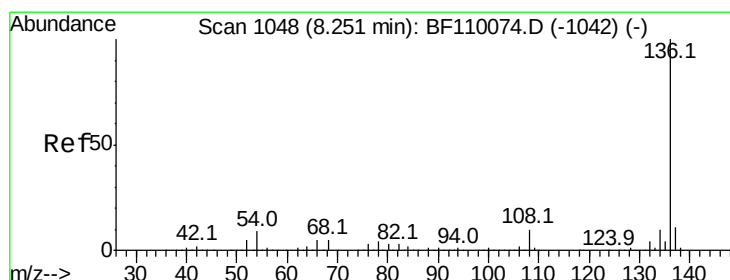
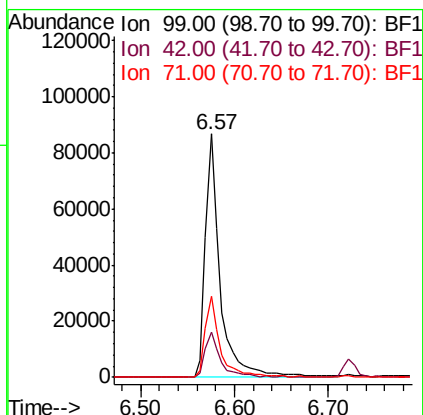
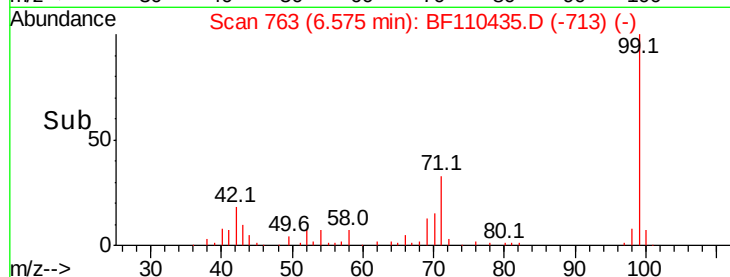
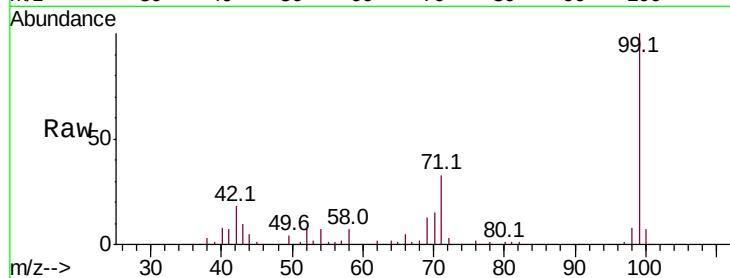
ClientSampled :

GOFFLE-RD-3

Tot Ion:	99	Resp:	96277
Ion Ratio	Lower	Upper	
99	100		
42	18.3	15.8	23.6
71	33.5	28.0	42.0

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:57 AM



#21

Naphthalene-d8

Concen: 20.000 ng

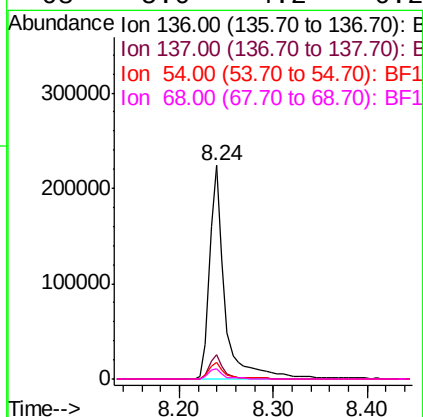
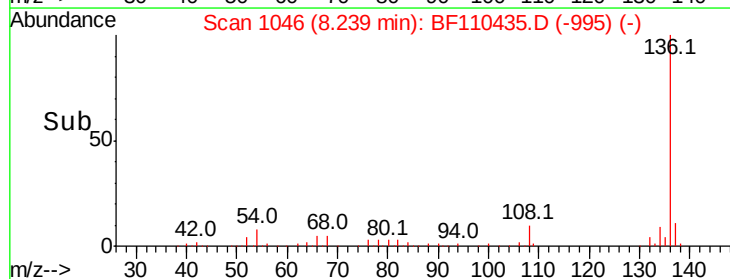
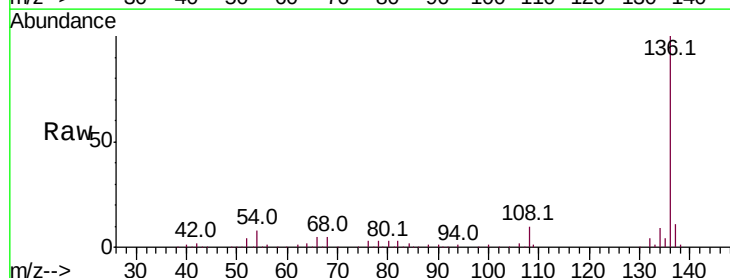
RT: 8.24 min Scan# 1046

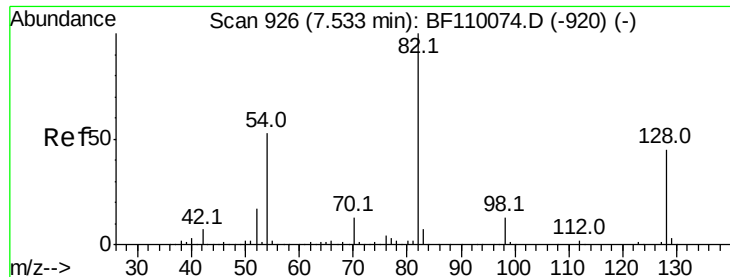
Delta R.T. 0.00 min

Lab File: BF110435.D

Acq: 3 Nov 2018 1:59

Tgt Ion:	136	Resp:	257764
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.7	5.4	8.2
68	5.0	4.2	6.2





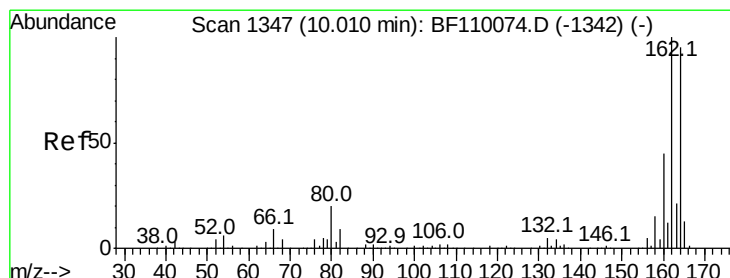
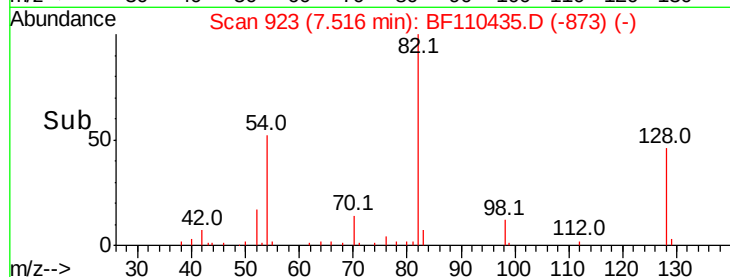
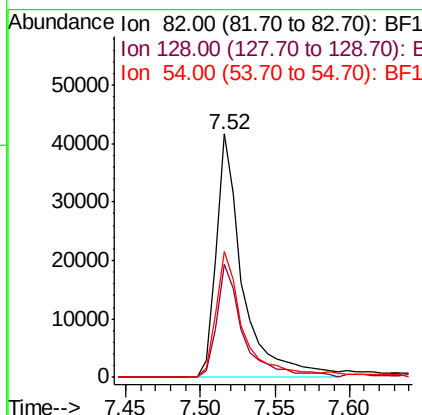
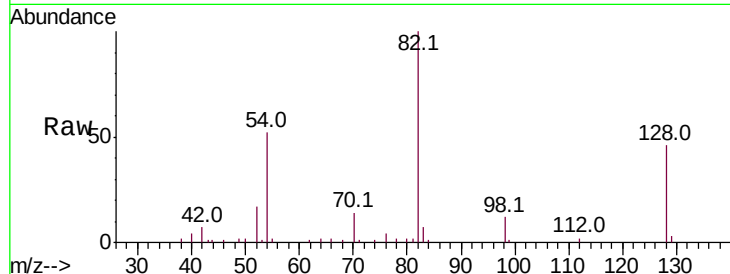
#23
Nitrobenzene-d5
Concen: 11.896 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Instrument :
BNA_F
ClientSampled :
GOFFLE-RD-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.2	51.2
54	51.7	38.6	58.0

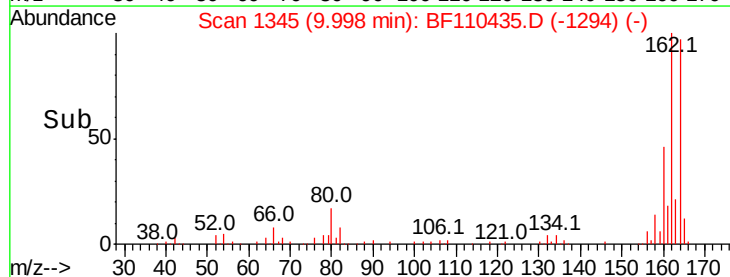
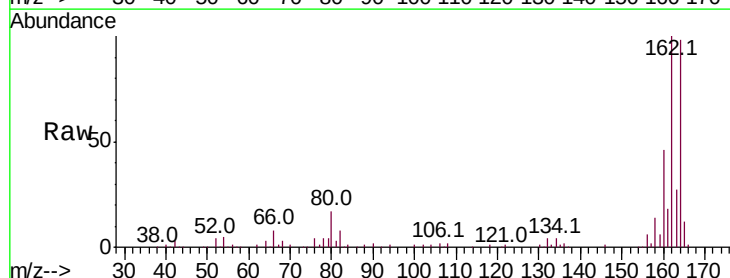
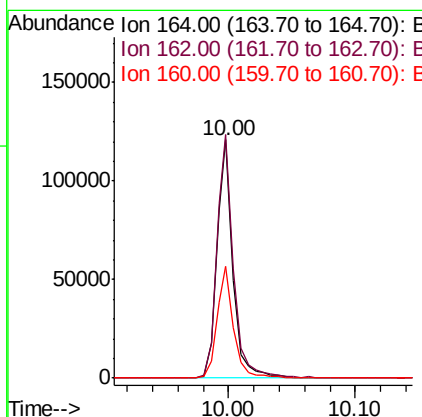
Manual Integrations
APPROVED

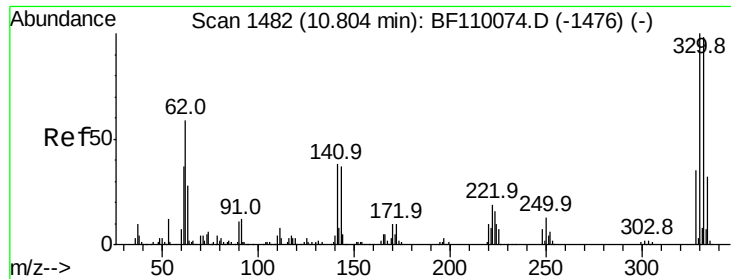
Sohil
11/5/2018 10:32:57 AM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.6
160	47.1	37.0	55.6





#42

2,4,6-Tribromophenol

Concen: 17.152 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110435.D

Acq: 3 Nov 2018 1:59

Instrument :

BNA_F

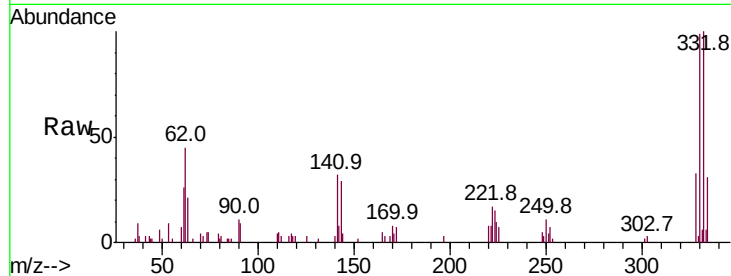
ClientSampleId :

GOFFLE-RD-3

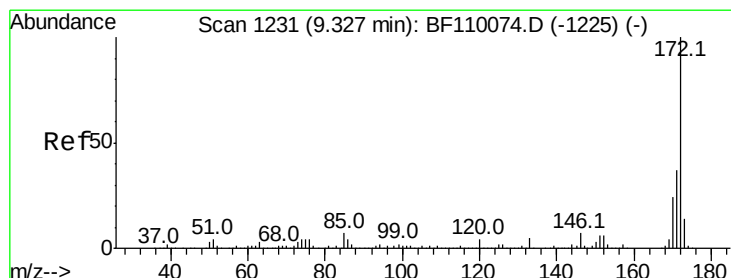
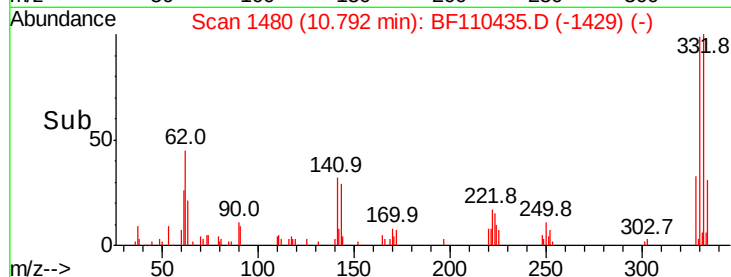
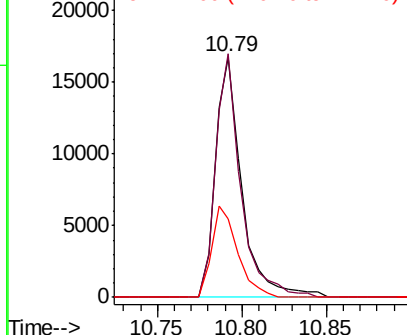
Tot Ion:	330	Resp:	18333
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.1	115.7
141	37.2	27.0	40.4

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:57 AM



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: 14.672 ng

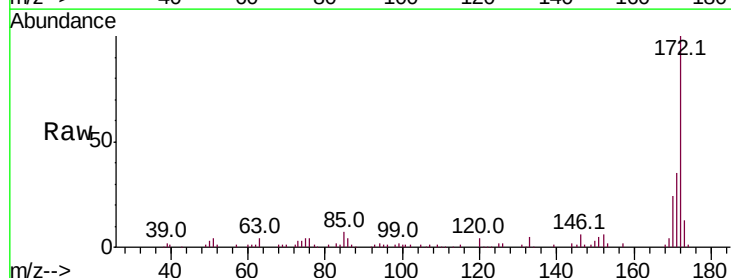
RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

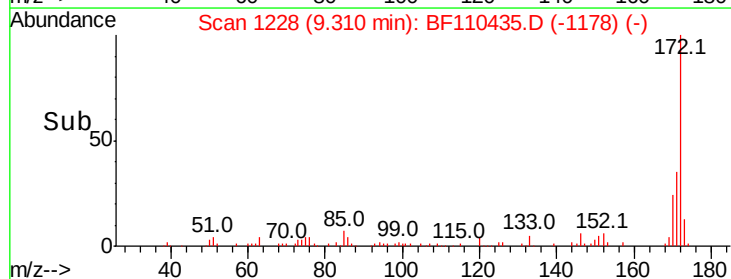
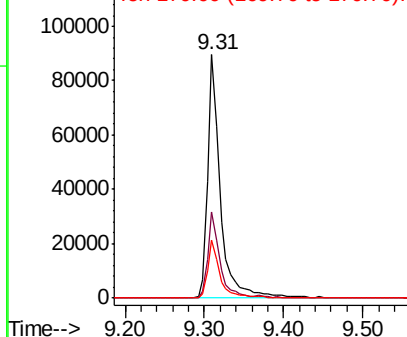
Lab File: BF110435.D

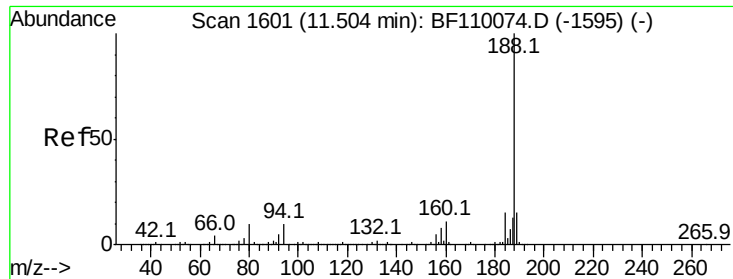
Acq: 3 Nov 2018 1:59

Tgt Ion:	172	Resp:	100821
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.6	43.0
170	24.0	19.7	29.5



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





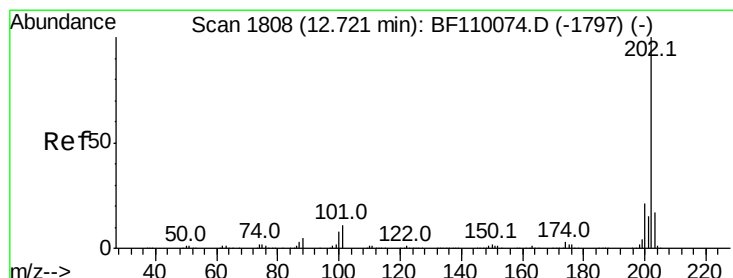
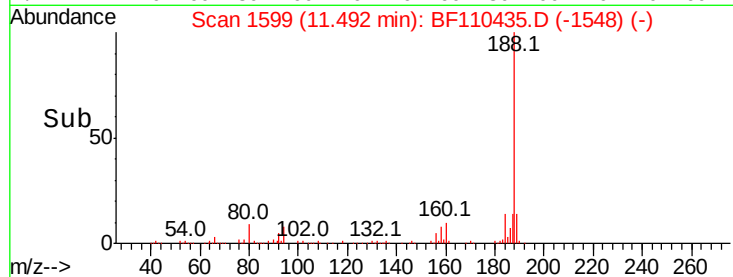
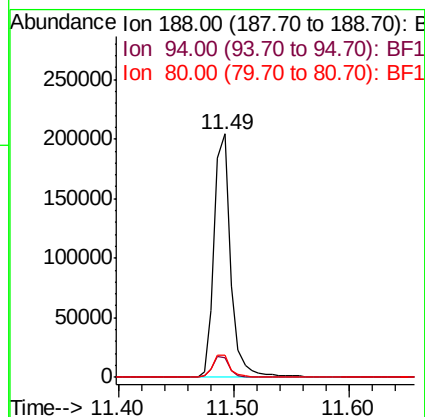
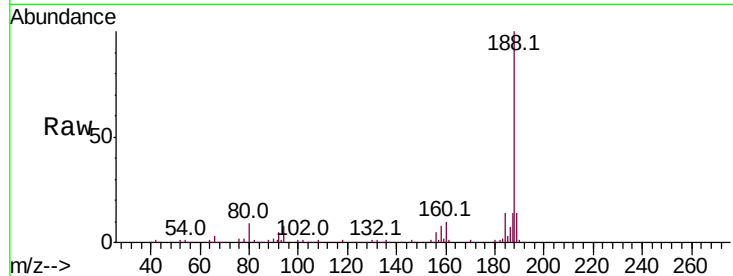
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.9	7.9	11.9

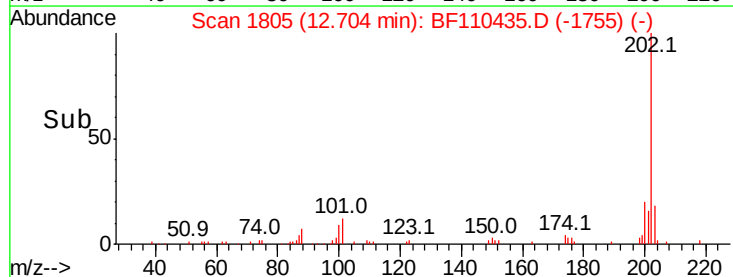
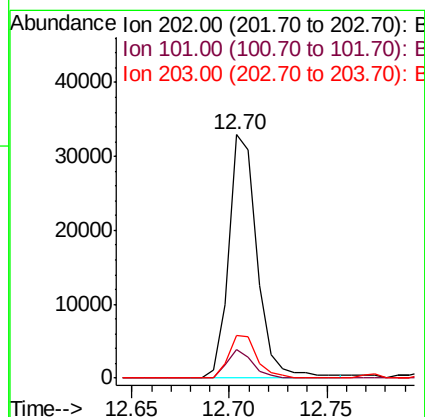
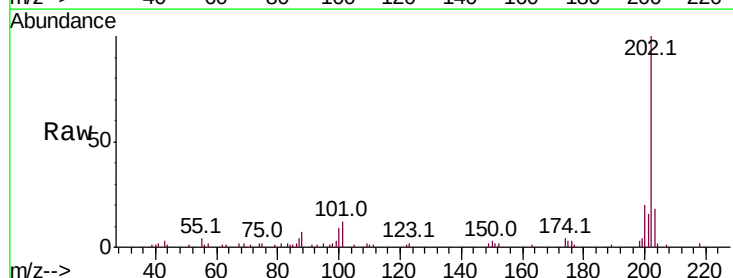
Manual Integrations
APPROVED

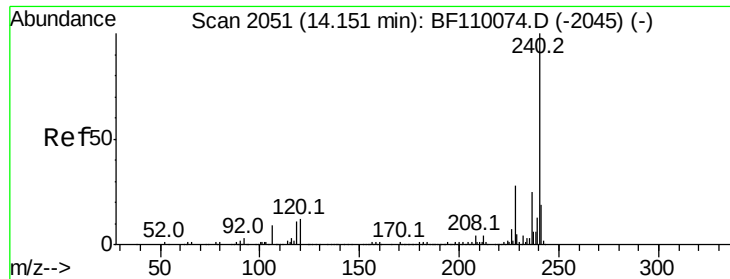
Sohil
11/5/2018 10:32:57 AM



#75
Fluoranthene
Concen: 3.063 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	31.4
203	17.7	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110435.D

Acq: 3 Nov 2018 1:59

Instrument :

BNA_F

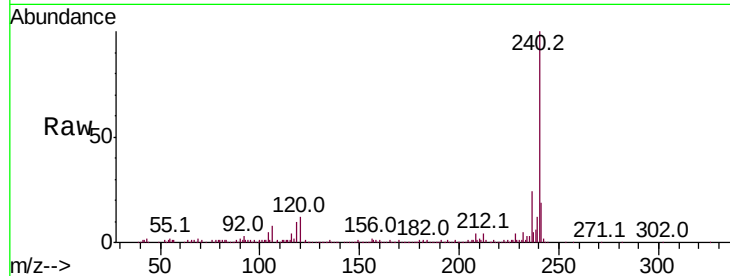
ClientSampleId :

GOFFLE-RD-3

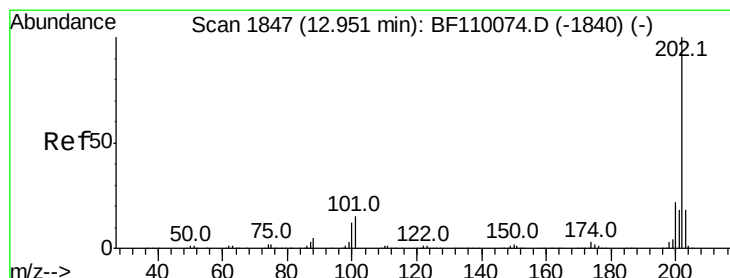
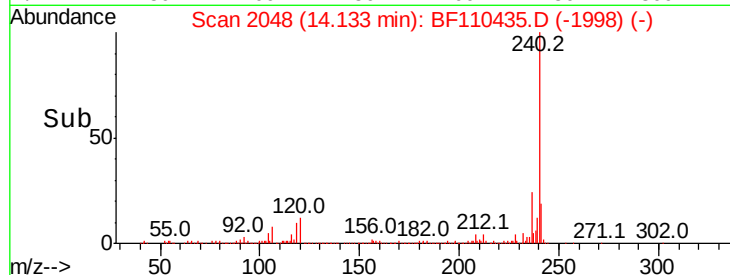
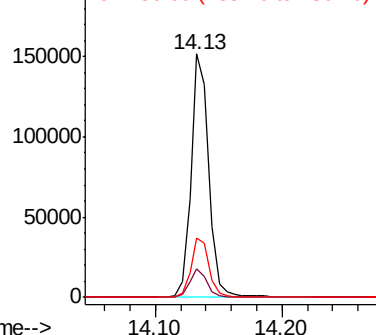
Tot Ion:	240	Resp:	148655
Ion Ratio	Lower	Upper	
240	100		
120	12.0	8.3	12.5
236	24.4	21.2	31.8

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:57 AM



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: 2.751 ng

RT: 12.94 min Scan# 1845

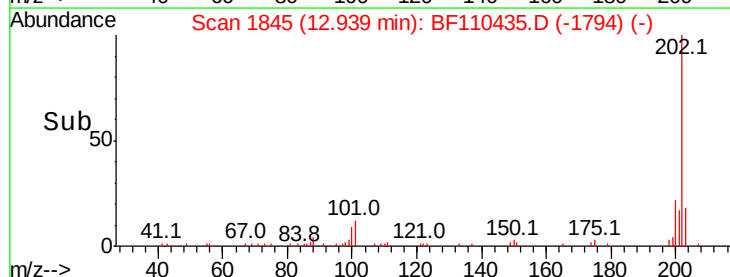
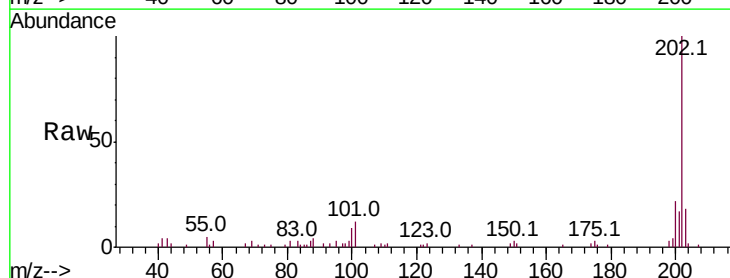
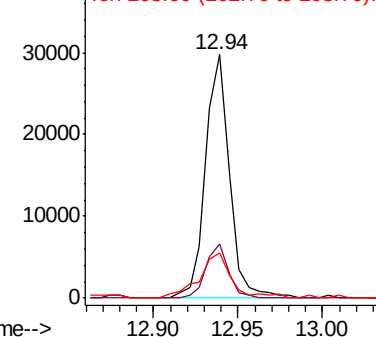
Delta R.T. 0.00 min

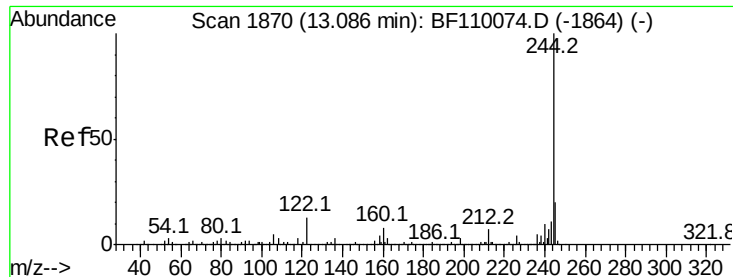
Lab File: BF110435.D

Acq: 3 Nov 2018 1:59

Tgt Ion:	202	Resp:	29323
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.8	26.6
203	18.4	14.2	21.4

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





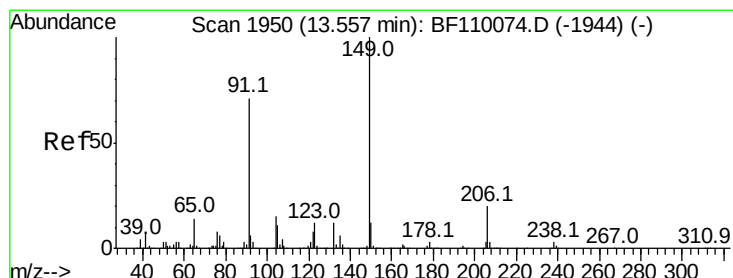
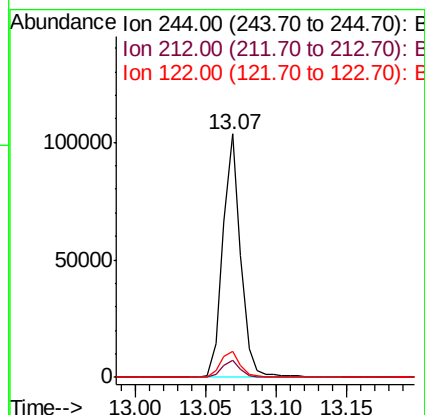
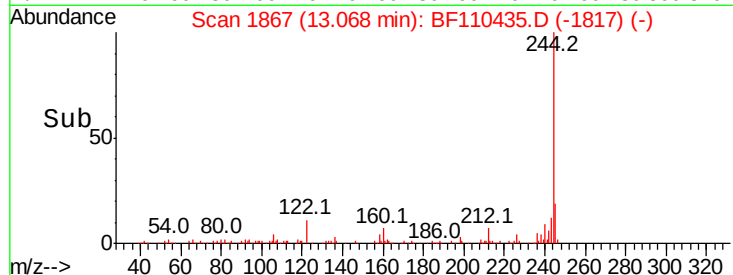
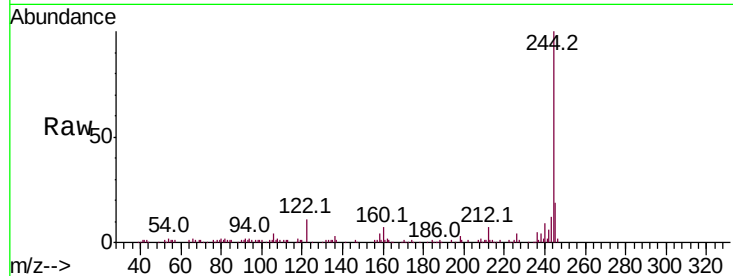
#79
 Terphenyl-d14
 Concen: 12.712 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110435.D
 Acq: 3 Nov 2018 1:59

Instrument :
 BNA_F
 ClientSampleId :
 GOFFLE-RD-3

Tot Ion:	244	Resp:	90863
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.8
122	10.9	8.7	13.1

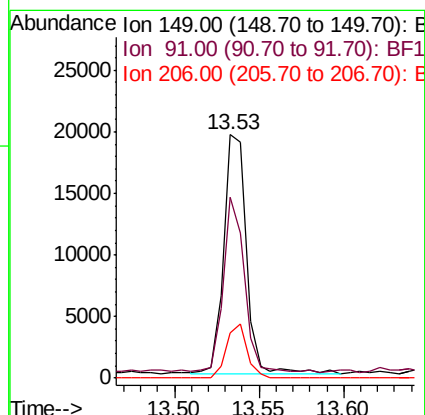
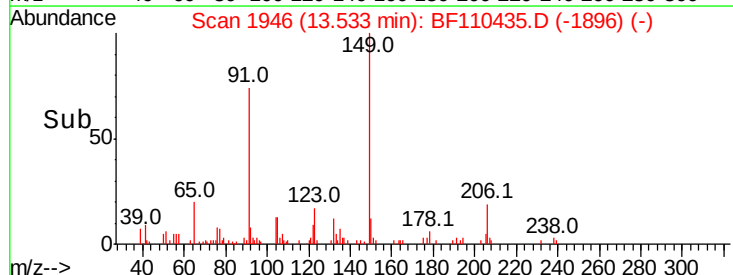
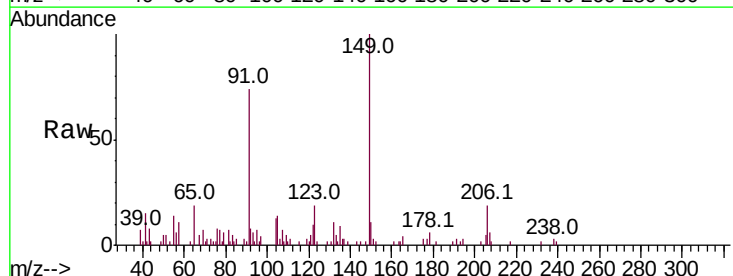
Manual Integrations
 APPROVED

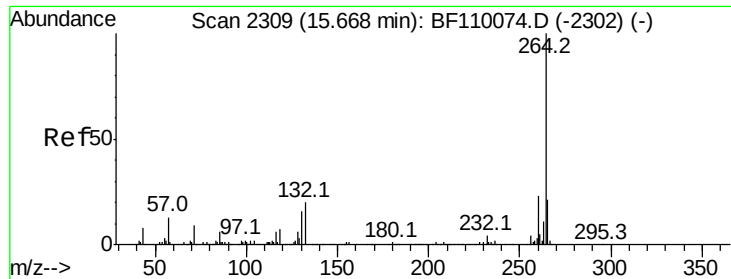
Sohil
 11/5/2018 10:32:57 AM



#80
 Butylbenzylphthalate
 Concen: 3.901 ng
 RT: 13.53 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BF110435.D
 Acq: 3 Nov 2018 1:59

Tgt Ion:	149	Resp:	18044
Ion Ratio	Lower	Upper	
149	100		
91	74.3	57.2	85.8
206	18.8	15.7	23.5





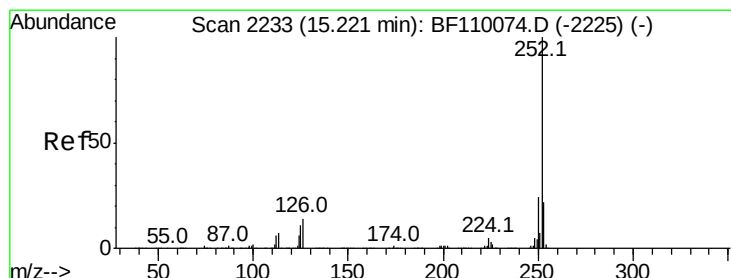
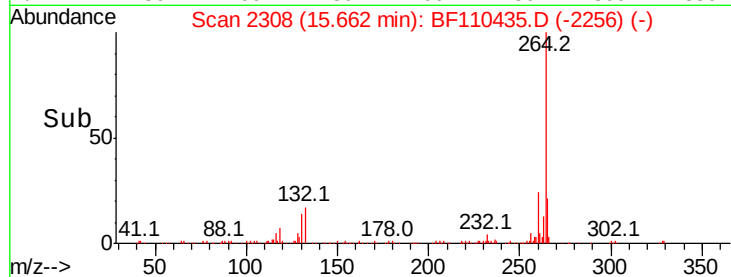
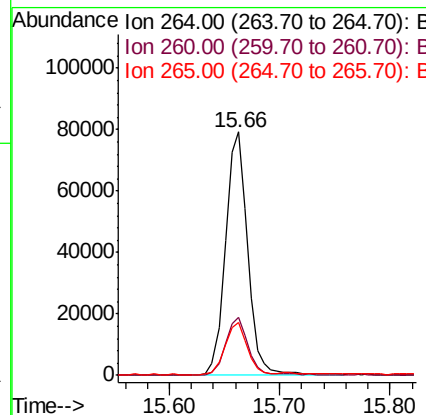
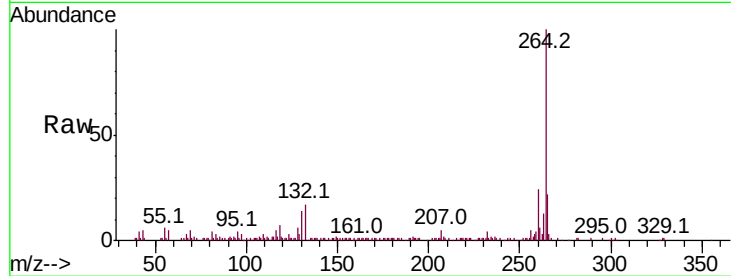
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Instrument :
BNA_F
ClientSampled :
GOFFLE-RD-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.5	16.7	25.1

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:57 AM



#88
Benzo(b)fluoranthene
Concen: 2.721 ng m
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.2	25.8
125	18.0	8.2	12.4#

