

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116124.D
 Acq On : 9 Aug 2019 20:39
 Operator : HP/JU
 Sample : K4244-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-SP-1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 7:18:01 AM

Quant Time: Aug 10 05:35:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	131472	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	511554	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	265138	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	462315	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	305541	20.00	ng	-0.01
87) Perylene-d12	15.46	264	336483	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	784370	99.88	ng	0.00
7) Phenol-d6	6.47	99	999517	100.87	ng	-0.01
23) Nitrobenzene-d5	7.40	82	639918	72.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	253381	98.57	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1085922	76.72	ng	-0.01
79) Terphenyl-d14	12.94	244	1086033	74.90	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	40714	3.489	ng	92
50) Dimethylphthalate	9.59	163	102381	5.671	ng	98
75) Fluoranthene	12.57	202	51268	2.072	ng	98
78) Pyrene	12.80	202	57560	2.499	ng	98
88) Benzo(b)fluoranthene	15.04	252	52188m	2.682	ng	

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

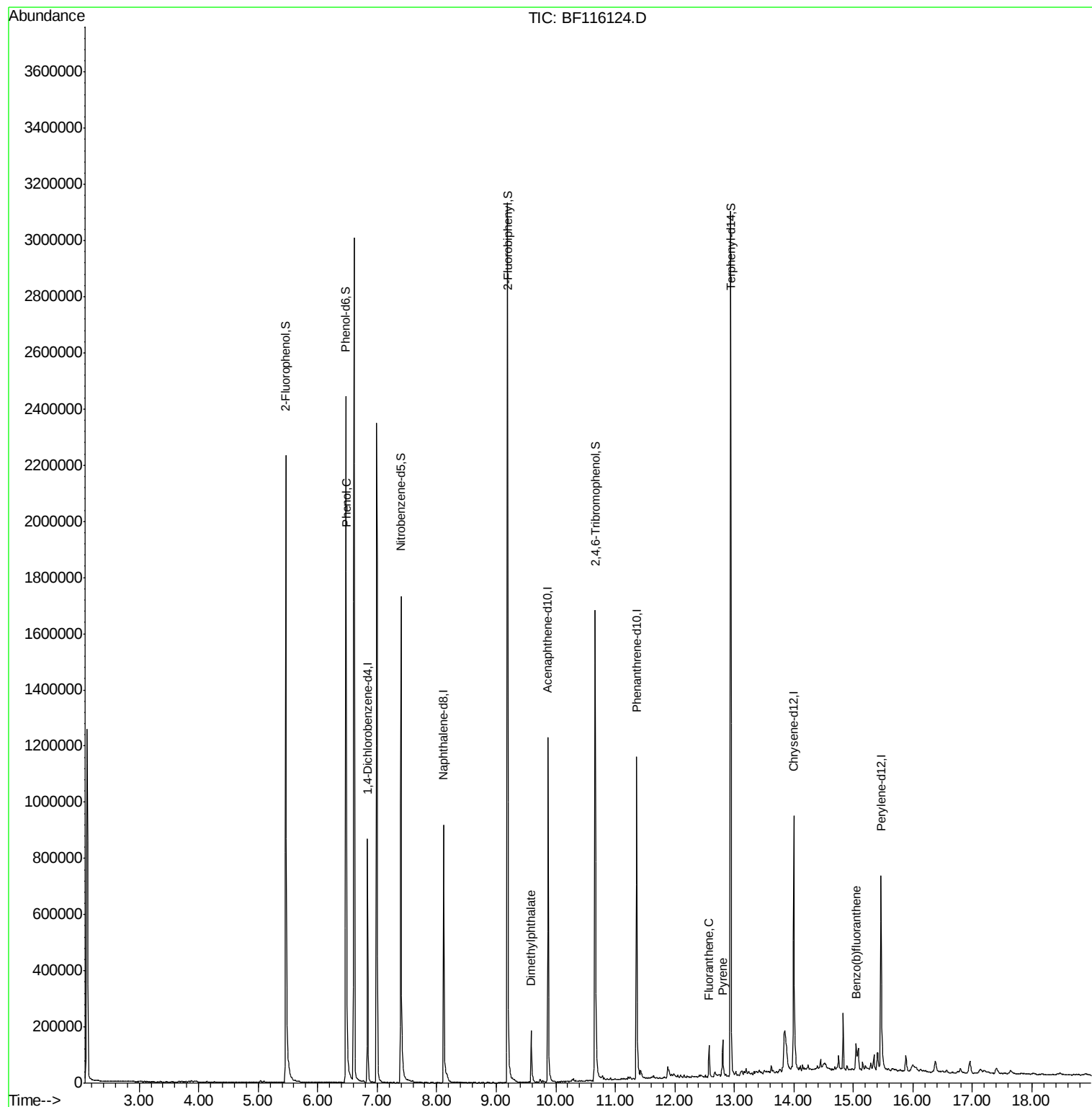
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116124.D
Acq On : 9 Aug 2019 20:39
Operator : HP/JU
Sample : K4244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

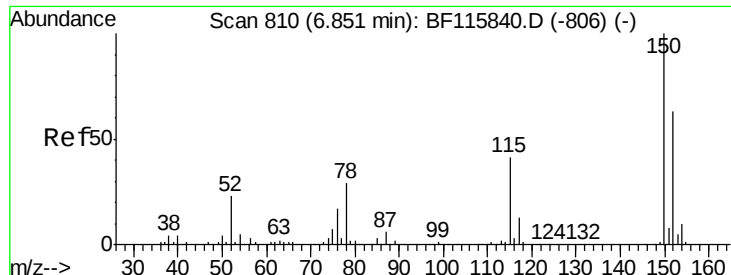
Instrument :
BNA_F
ClientSampleId :
BERGEN-SP-1

Manual Integrations
APPROVED

Sohil
8/13/2019 7:18:01 AM

Quant Time: Aug 10 05:35:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration





#1

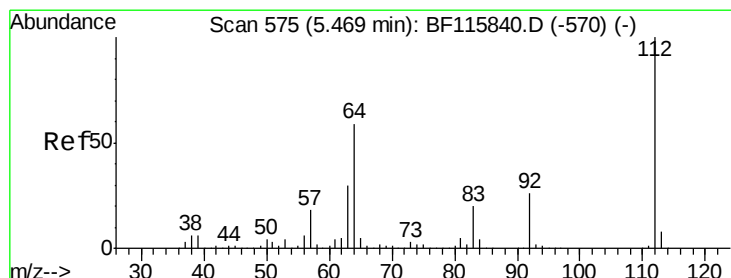
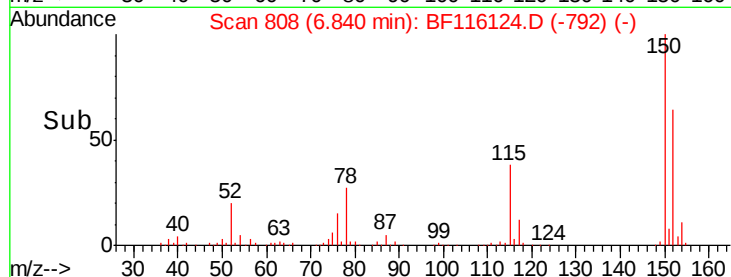
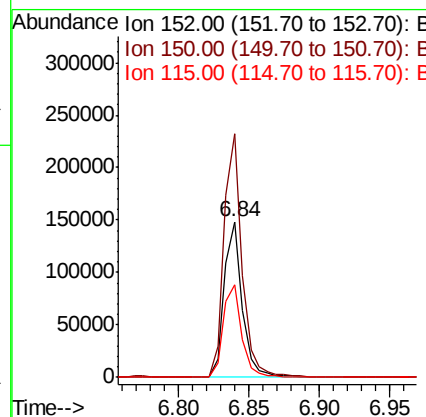
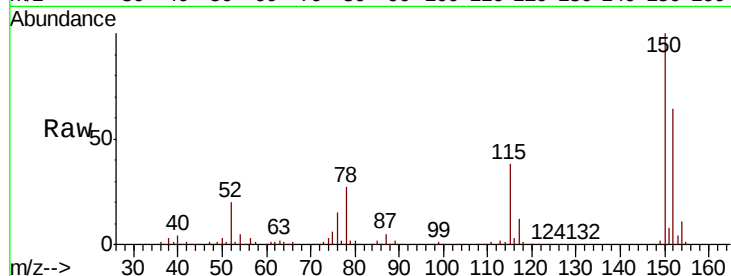
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116124.D
Acq: 9 Aug 2019 20:39

Instrument :
BNA_F
ClientSampleId :
BERGEN-SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	60.0	49.9	74.9

Manual Integrations
APPROVED

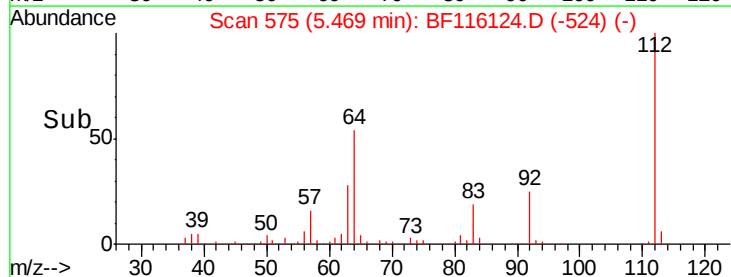
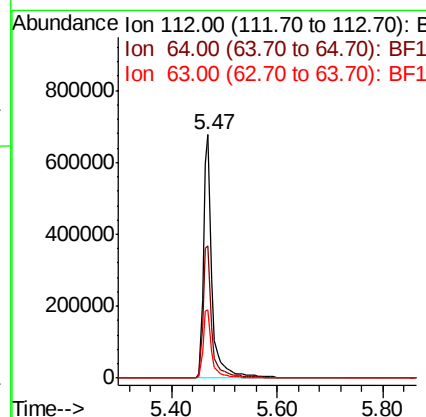
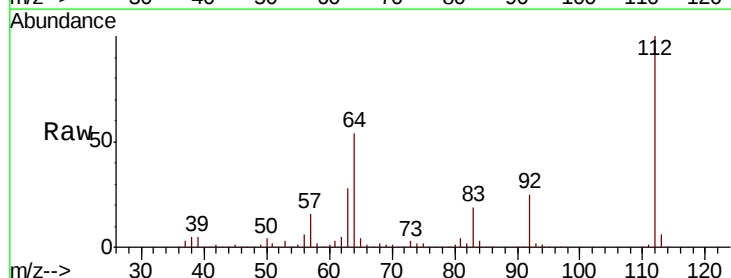
Sohil
8/13/2019 7:18:01 AM

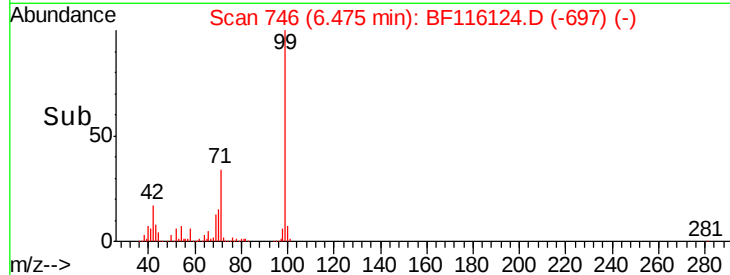
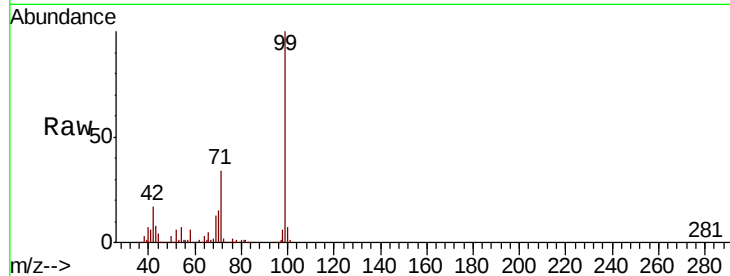


#5

2-Fluorophenol
Concen: 99.876 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF116124.D
Acq: 9 Aug 2019 20:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.4	68.2
63	28.1	23.7	35.5





#7

Phenol-d6

Concen: 100.874 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116124.D

Acq: 9 Aug 2019 20:39

Tot Ion:	99	Resp:	999517
Ion Ratio	Lower	Upper	
99	100		
42	17.3	13.8	20.8
71	34.3	27.3	40.9

Instrument :

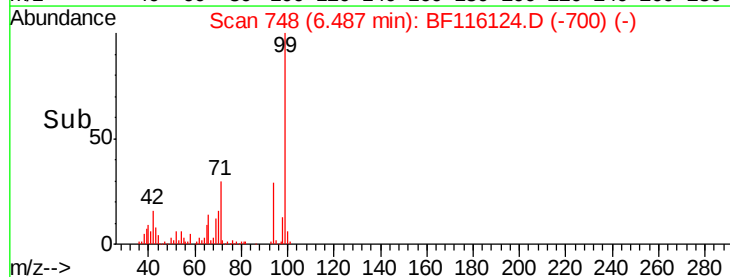
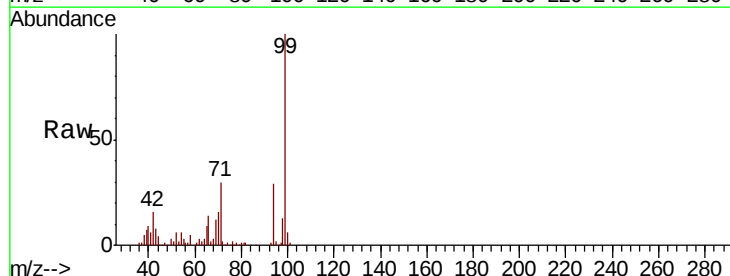
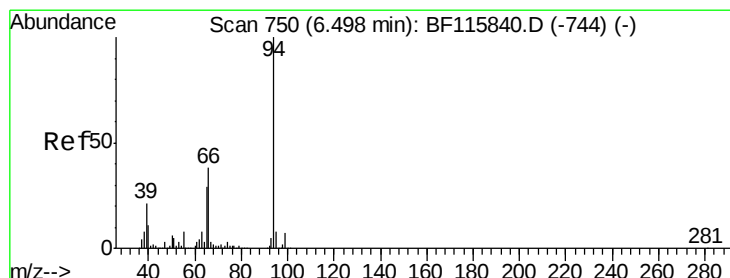
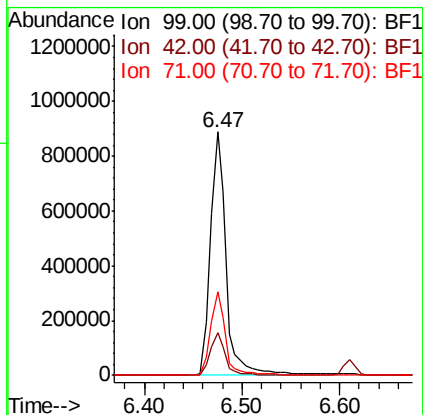
BNA_F

ClientSampleId :

BERGEN-SP-1

Manual Integrations
APPROVED

Sohil
8/13/2019 7:18:01 AM



#10

Phenol

Concen: 3.489 ng

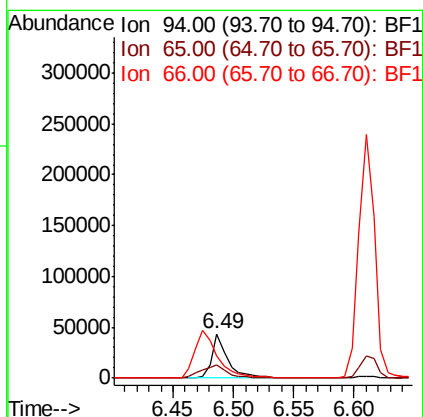
RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116124.D

Acq: 9 Aug 2019 20:39

Tgt Ion:	94	Resp:	40714
Ion Ratio	Lower	Upper	
94	100		
65	30.4	16.8	56.8
66	50.2	34.2	74.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116124.D

Acq: 9 Aug 2019 20:39

Instrument :

BNA_F

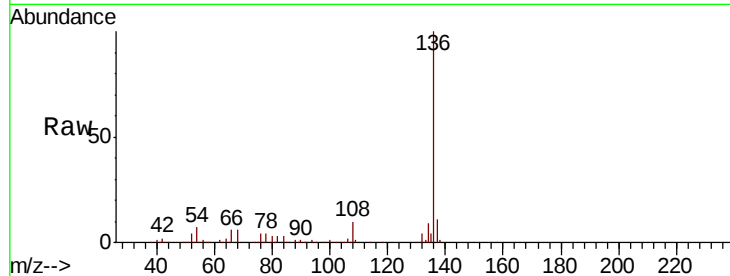
ClientSampleId :

BERGEN-SP-1

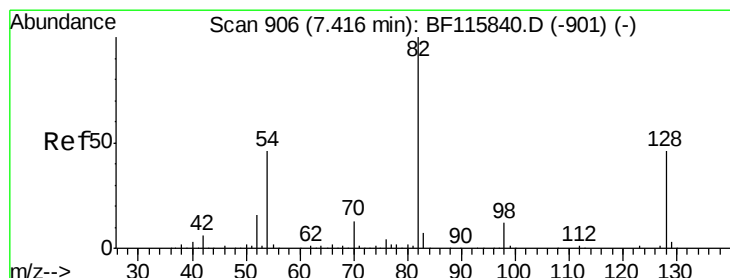
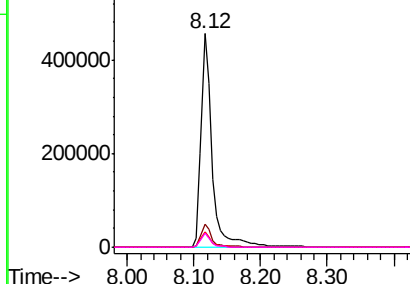
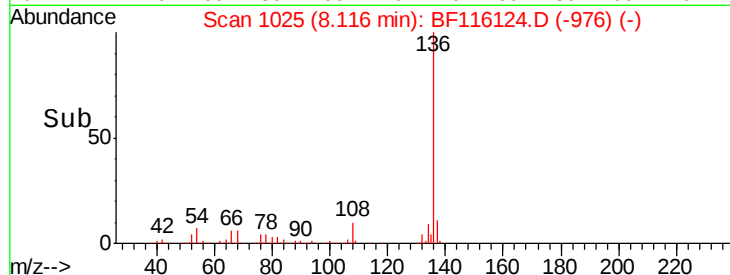
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.0	13.4	
54	7.4	5.8	8.6	
68	6.5	5.2	7.8	

Manual Integrations
APPROVED

Sohil
8/13/2019 7:18:01 AM



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: 72.208 ng

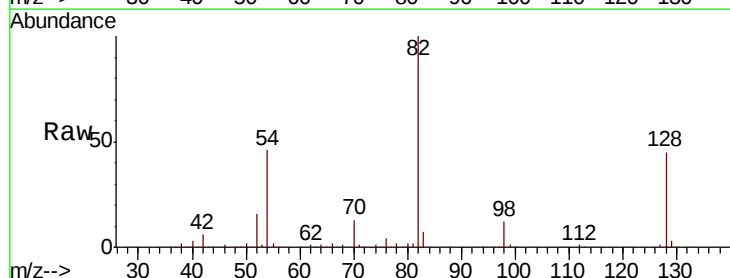
RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

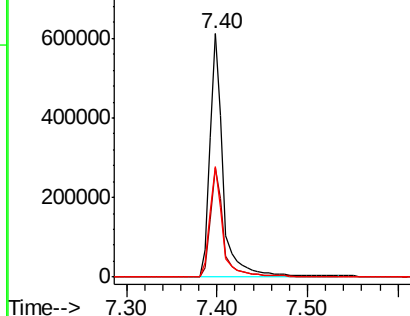
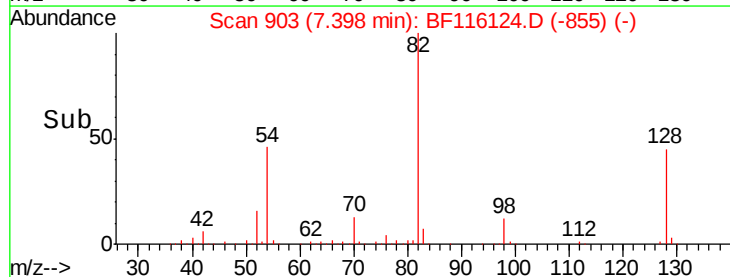
Lab File: BF116124.D

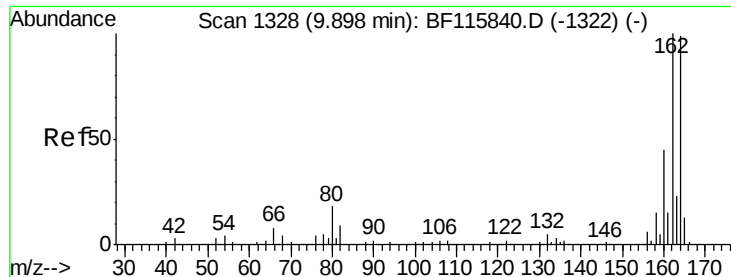
Acq: 9 Aug 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.0	36.5	54.7	
54	45.5	36.0	54.0	



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





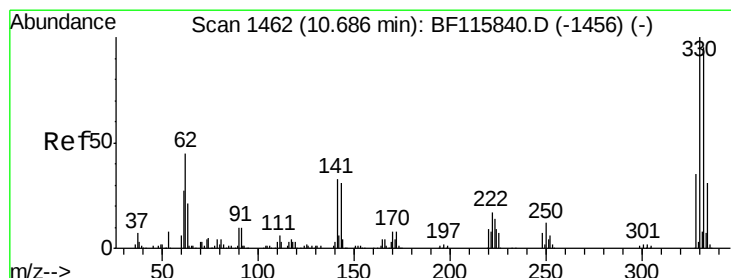
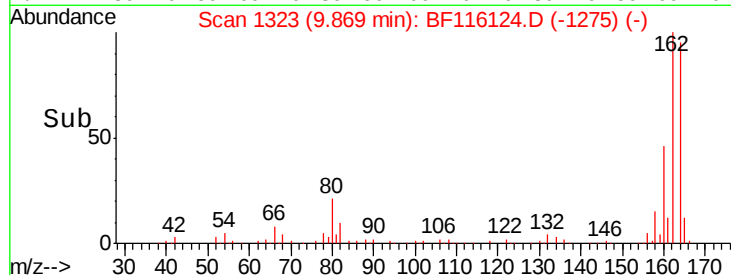
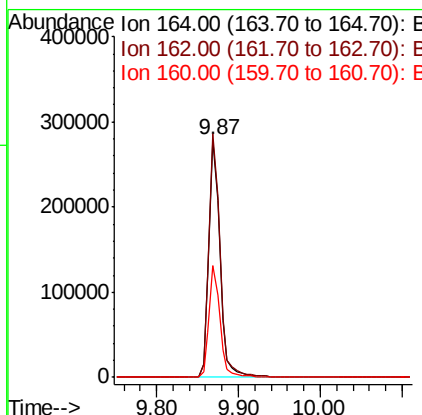
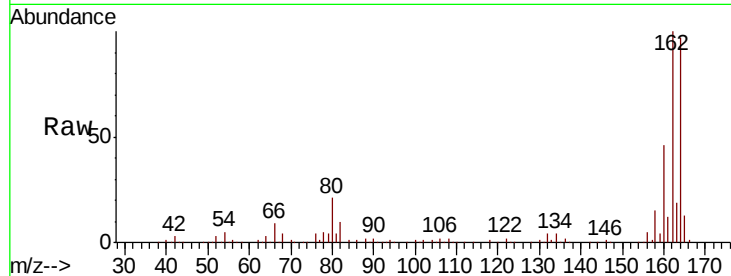
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116124.D
Acq: 9 Aug 2019 20:39

Instrument :
BNA_F
ClientSampleId :
BERGEN-SP-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	265138		
162	102.6	82.6	124.0	
160	46.9	37.6	56.4	

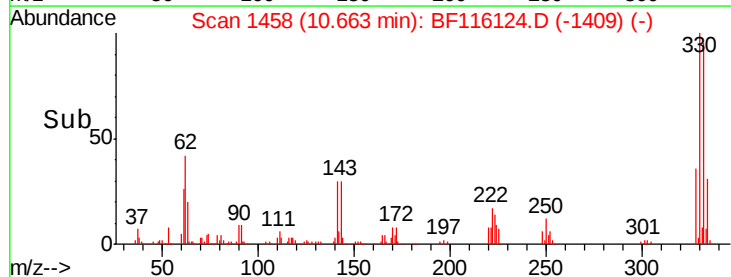
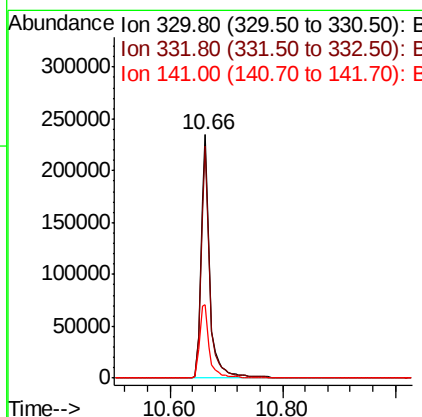
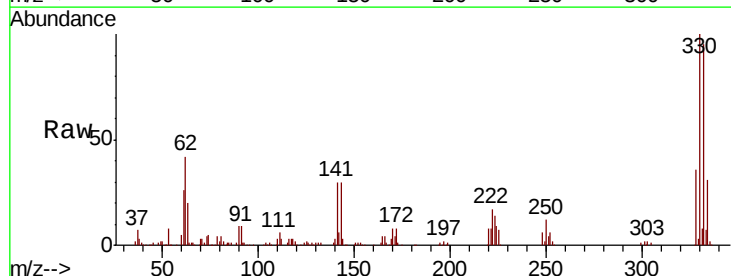
Manual Integrations
APPROVED

Sohil
8/13/2019 7:18:01 AM



#42
2,4,6-Tribromophenol
Concen: 98.569 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116124.D
Acq: 9 Aug 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	253381		
332	95.0	76.8	115.2	
141	34.6	26.3	39.5	





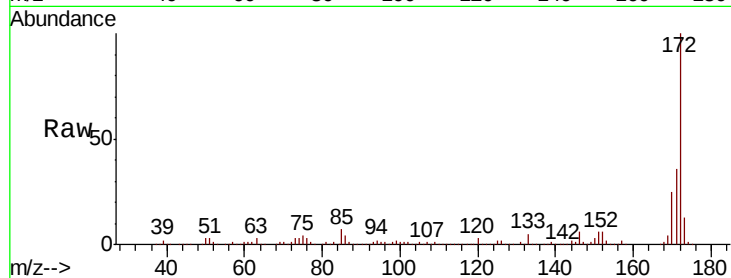
#45
2-Fluorobiphenyl
Concen: 76.715 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116124.D
Acq: 9 Aug 2019 20:39

Instrument :
BNA_F
ClientSampleId :
BERGEN-SP-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.6	20.1	30.1

Manual Integrations
APPROVED

Sohil
8/13/2019 7:18:01 AM

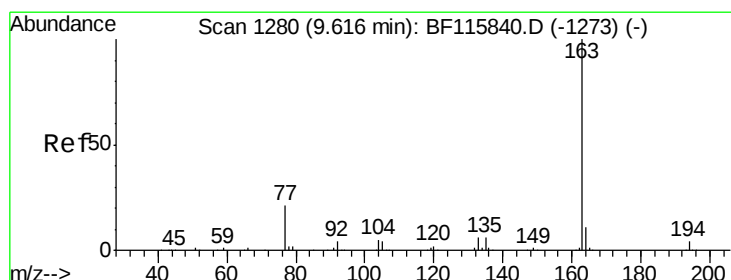
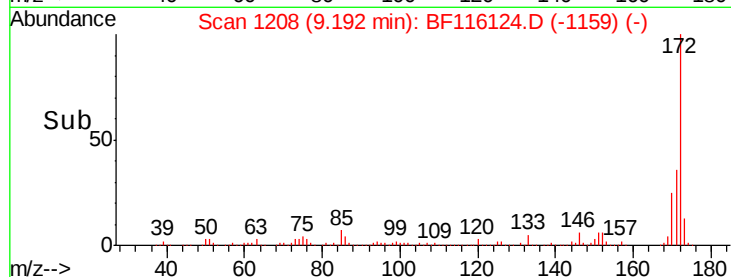
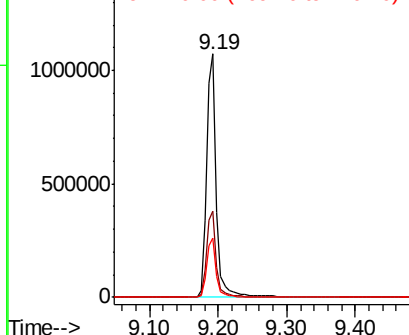


Abundance

Ion 172.00 (171.70 to 172.70): E

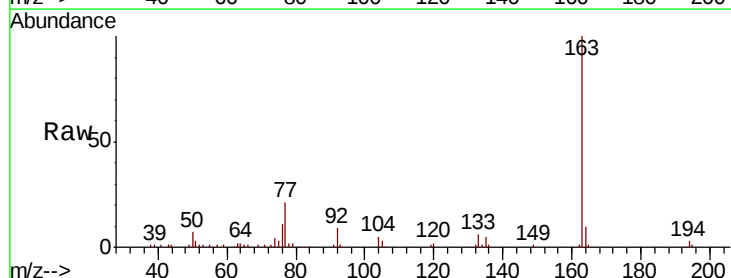
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.671 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116124.D
Acq: 9 Aug 2019 20:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	9.8	8.4	12.6

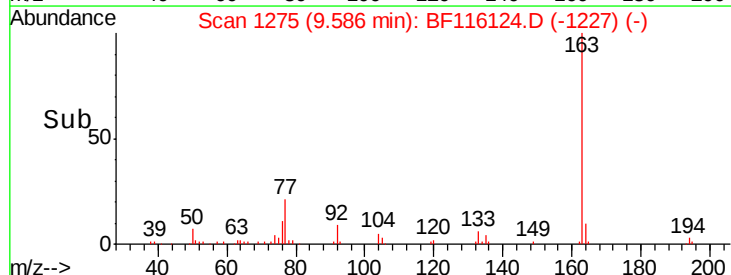
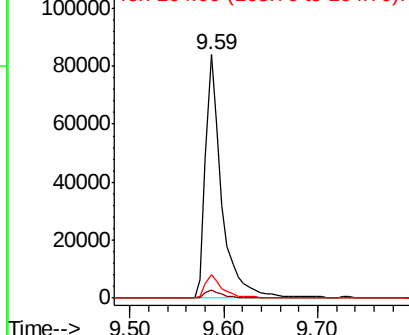


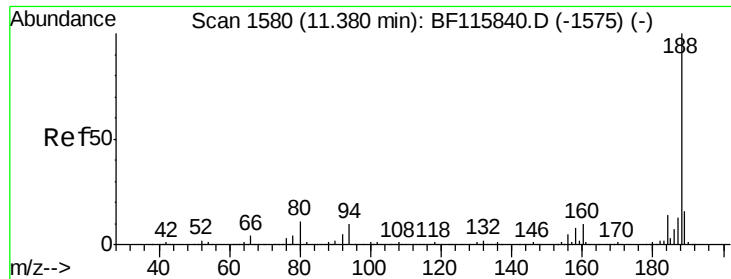
Abundance

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





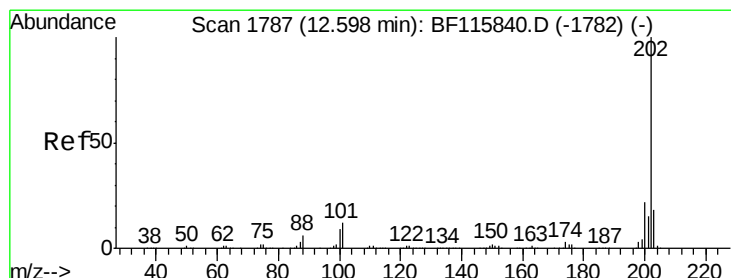
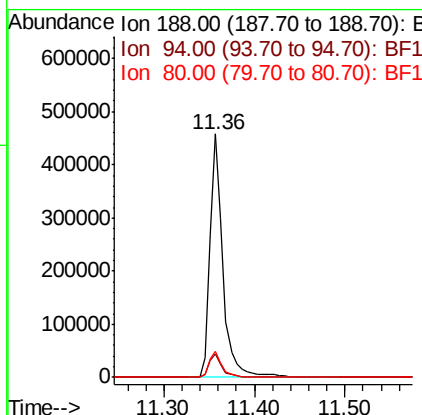
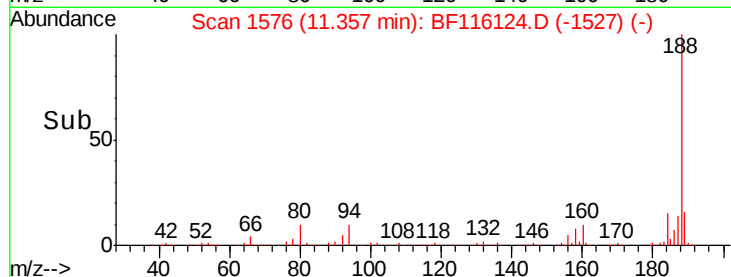
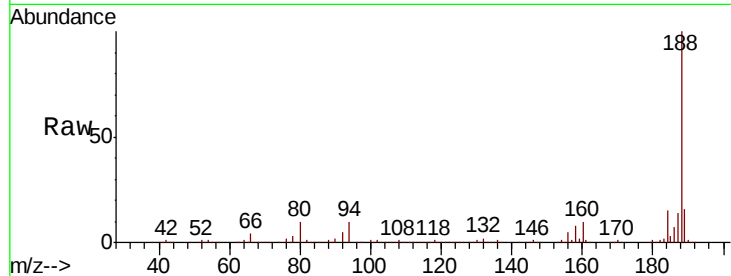
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116124.D
Acq: 9 Aug 2019 20:39

Instrument :
BNA_F
ClientSampleId :
BERGEN-SP-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	462315		
94	9.6	8.1	12.1	
80	10.4	8.7	13.1	

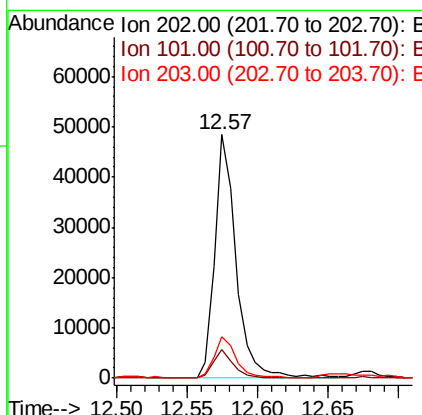
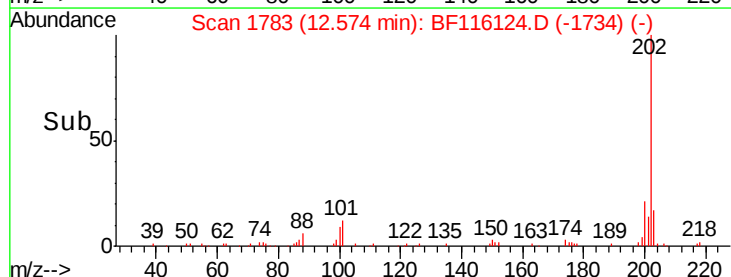
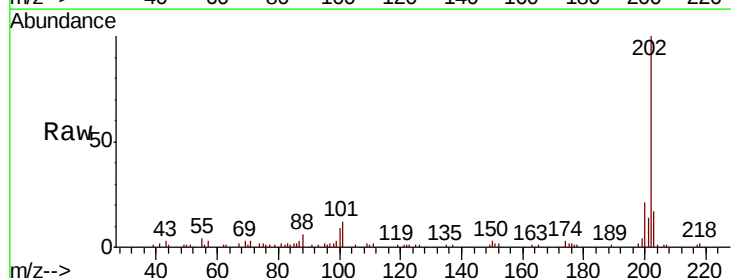
Manual Integrations
APPROVED

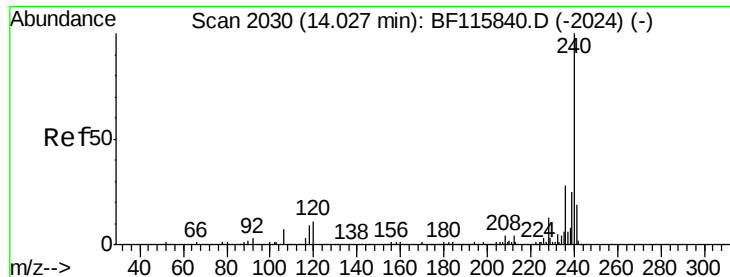
Sohil
8/13/2019 7:18:01 AM



#75
Fluoranthene
Concen: 2.072 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116124.D
Acq: 9 Aug 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	51268		
101	11.7	0.0	31.2	
203	17.0	0.0	37.8	





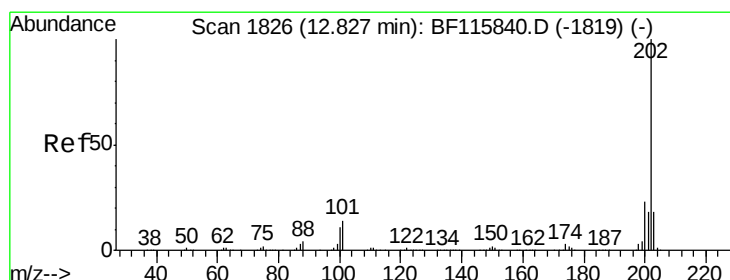
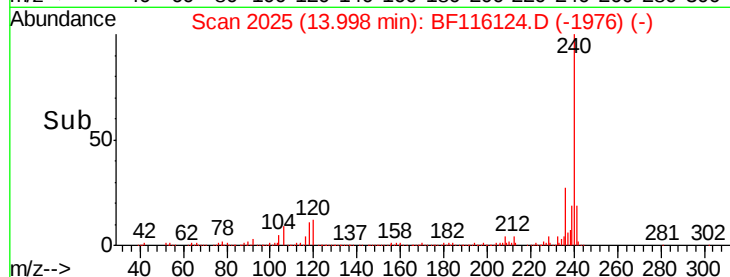
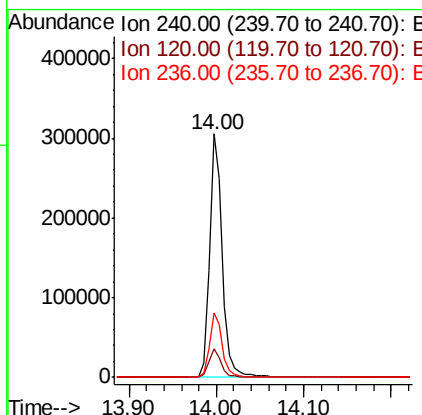
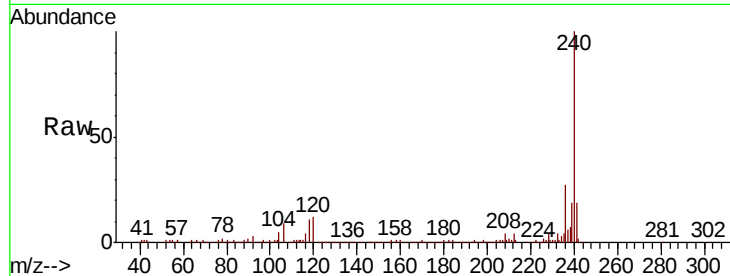
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116124.D
Acq: 9 Aug 2019 20:39

Instrument :
BNA_F
ClientSampleId :
BERGEN-SP-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.7	16.1
236	26.5	22.2	33.2

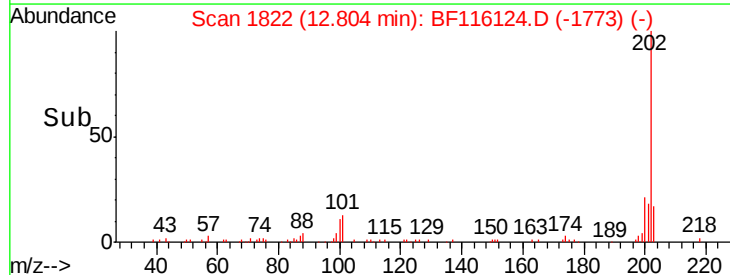
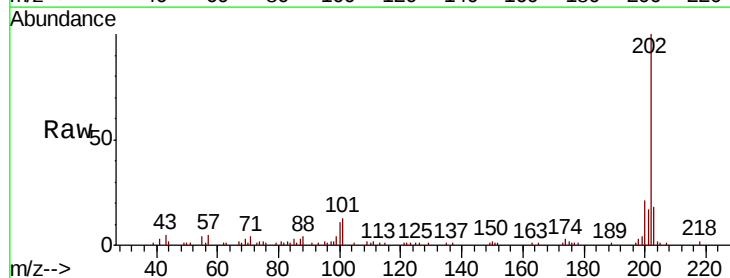
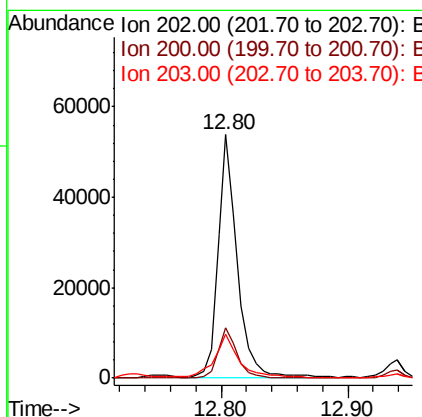
Manual Integrations
APPROVED

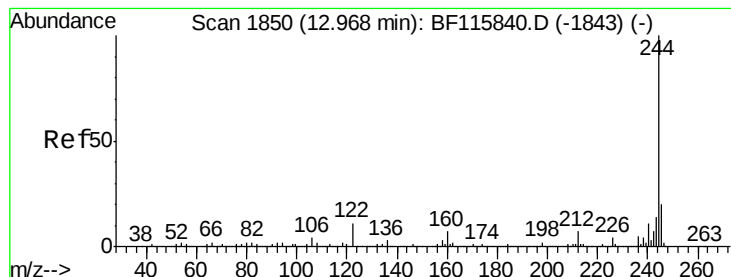
Sohil
8/13/2019 7:18:01 AM



#78
Pyrene
Concen: 2.499 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116124.D
Acq: 9 Aug 2019 20:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.0	27.0
203	17.8	14.1	21.1





#79

Terphenyl-d14

Concen: 74.898 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116124.D

Acq: 9 Aug 2019 20:39

Instrument :

BNA_F

ClientSampleId :

BERGEN-SP-1

Tot Ion:244 Resp: 1086033

Ion Ratio Lower Upper

244 100

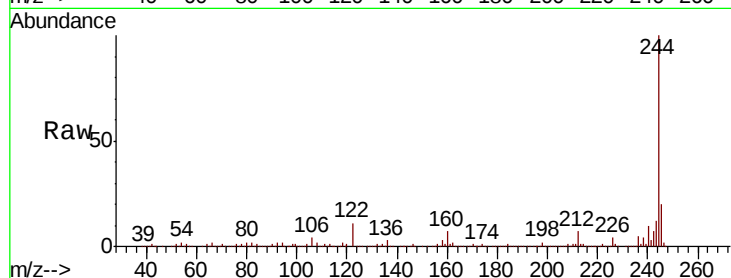
212 6.9 5.8 8.8

122 11.1 9.0 13.4

Manual Integrations
APPROVED

Sohil

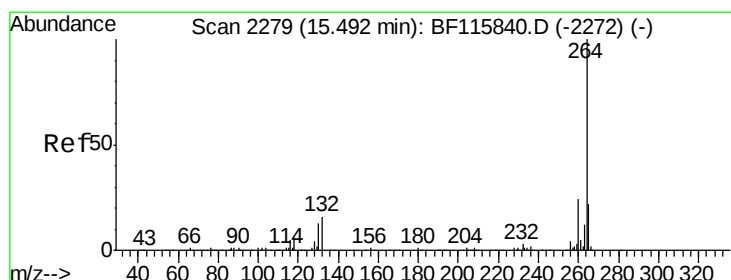
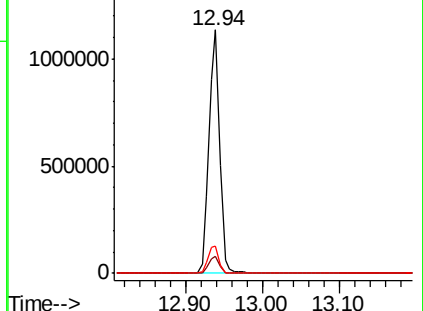
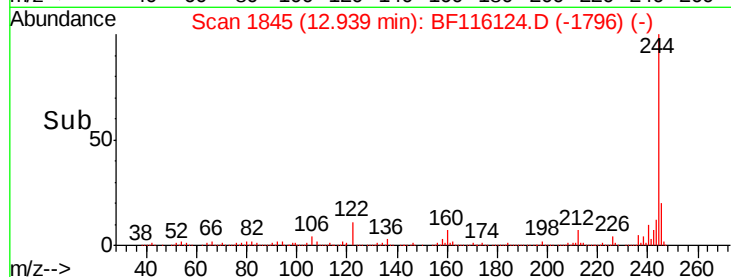
8/13/2019 7:18:01 AM



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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF116124.D

Acq: 9 Aug 2019 20:39

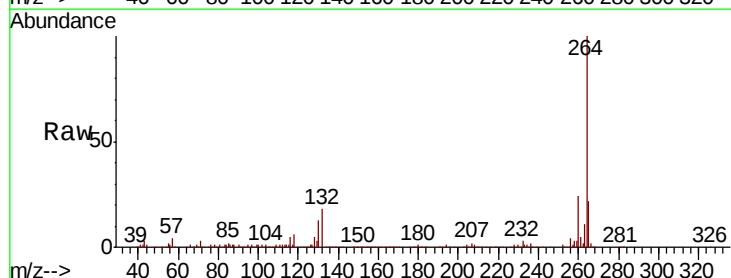
Tgt Ion:264 Resp: 336483

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

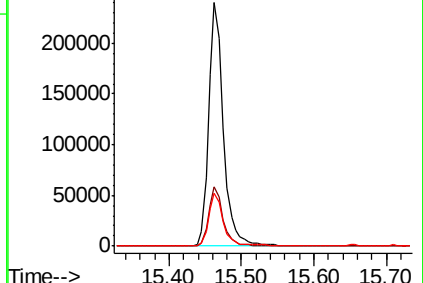
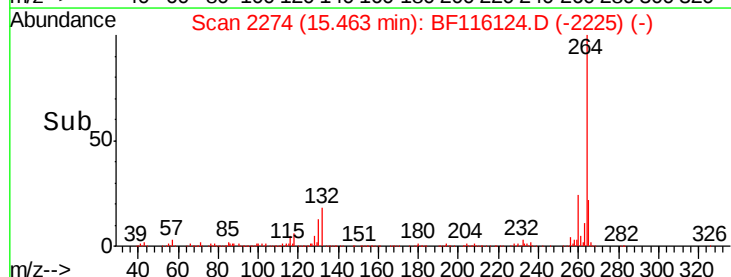
265 21.6 17.4 26.0

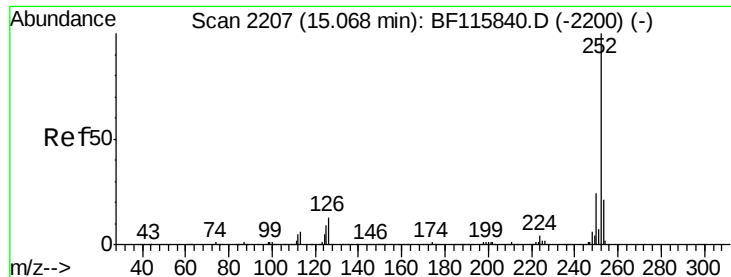


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.682 ng/mL

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF116124.D

Acq: 9 Aug 2019 20:39

Instrument :

BNA_F

ClientSampleId :

BERGEN-SP-1

Tot Ion:	252	Resp:	52188
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	14.0	8.4	12.6

Manual Integrations
APPROVED

Sohil
8/13/2019 7:18:01 AM

