

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116809.D
 Acq On : 4 Sep 2019 12:24
 Operator : HP/JU
 Sample : K4643-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T11-C1-C4-(0-4)

Manual Integrations
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mohammad
 9/9/2019 9:55:36 AM

Quant Time: Sep 05 03:11:43 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	51609	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	207230	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	106376	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	179648	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	148255	20.00	ng	0.00
87) Perylene-d12	15.44	264	138782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	217650	68.32	ng	0.00
7) Phenol-d6	6.47	99	296118	70.79	ng	-0.01
23) Nitrobenzene-d5	7.40	82	171490	47.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	59483	83.64	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	277383	43.99	ng	-0.01
79) Terphenyl-d14	12.94	244	303715	37.90	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	26395	3.594	ng	97
75) Fluoranthene	12.57	202	32532	3.310	ng	94
78) Pyrene	12.80	202	27193m	2.063	ng	
88) Benzo(b)fluoranthene	15.02	252	21649m	2.580	ng	

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

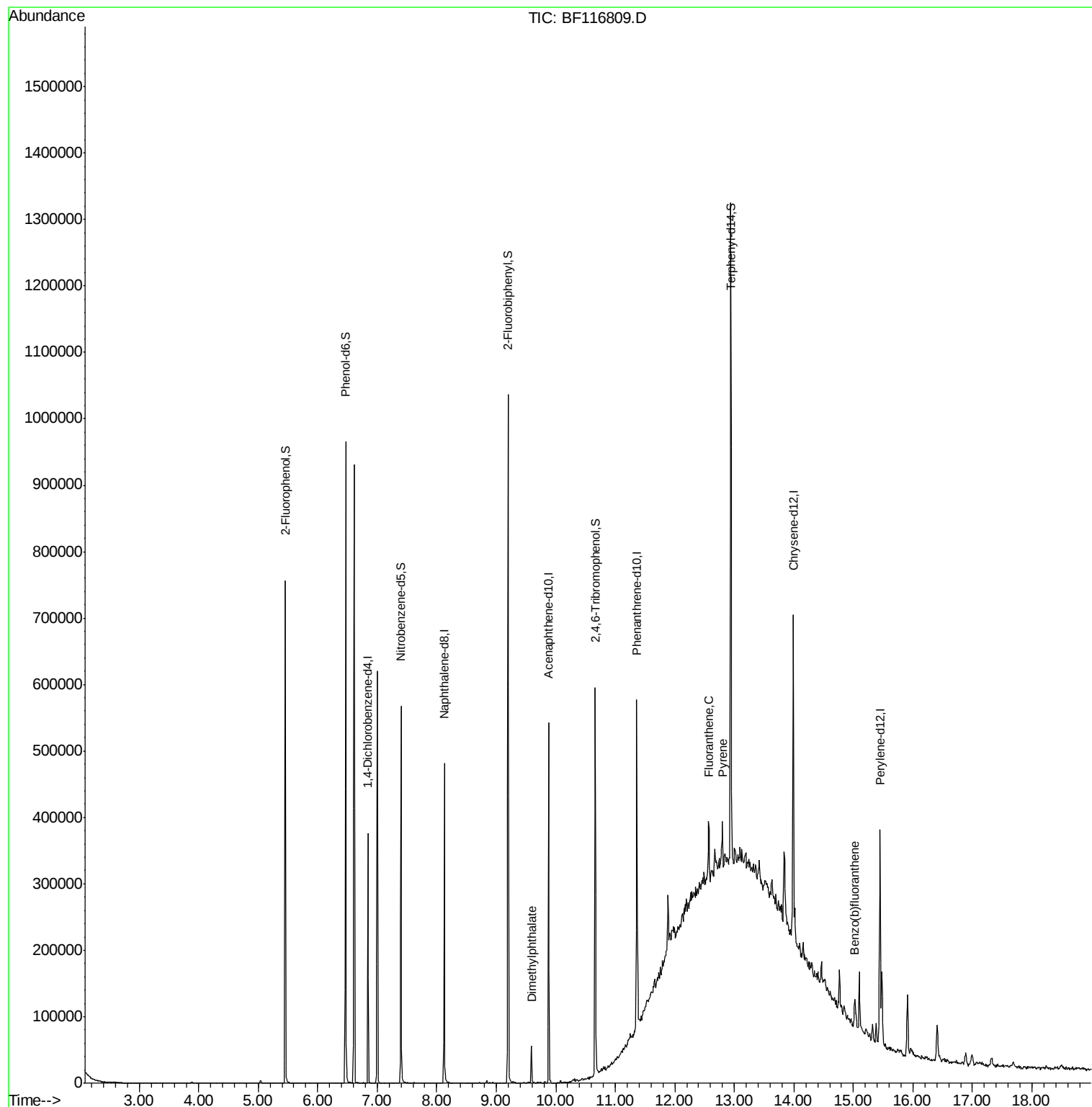
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116809.D
Acq On : 4 Sep 2019 12:24
Operator : HP/JU
Sample : K4643-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

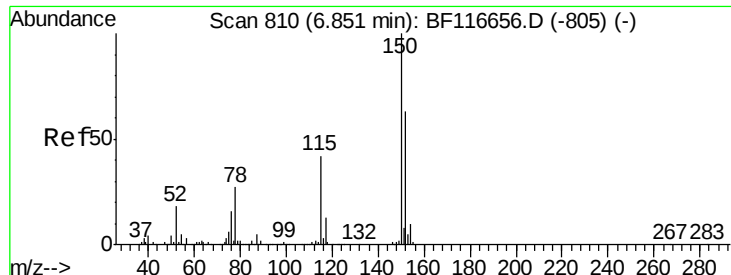
Instrument :
BNA_F
ClientSampleId :
T11-C1-C4-(0-4)

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#1

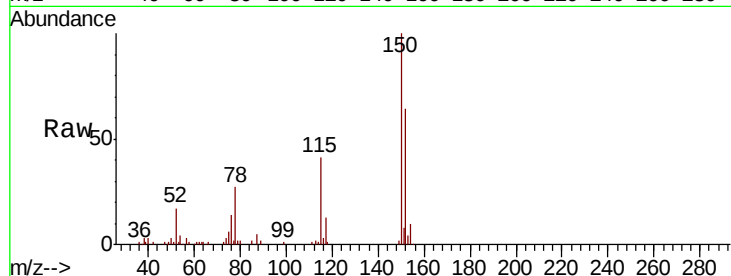
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :
T11-C1-C4-(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.4	186.6
115	63.8	49.9	74.9

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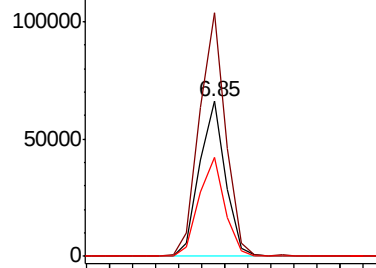


Abundance

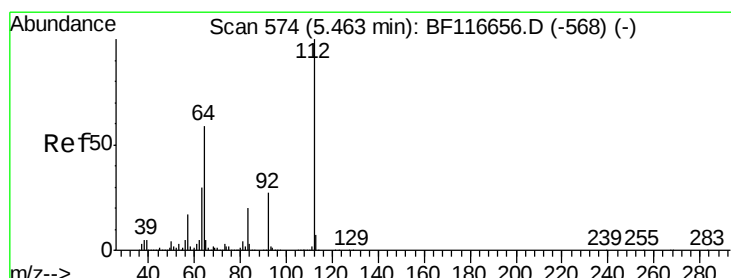
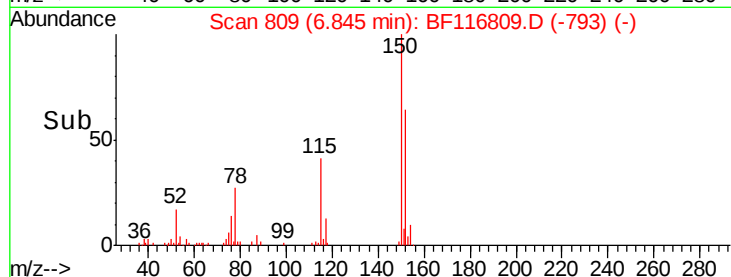
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



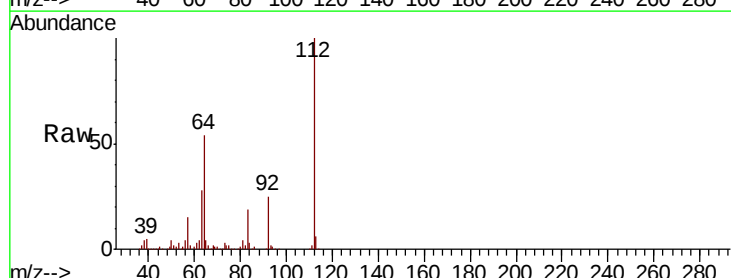
Time-->



#5

2-Fluorophenol
Concen: 68.322 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.1	70.7
63	28.4	24.9	37.3

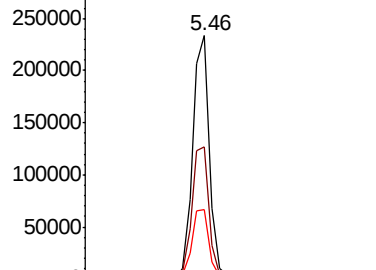


Abundance

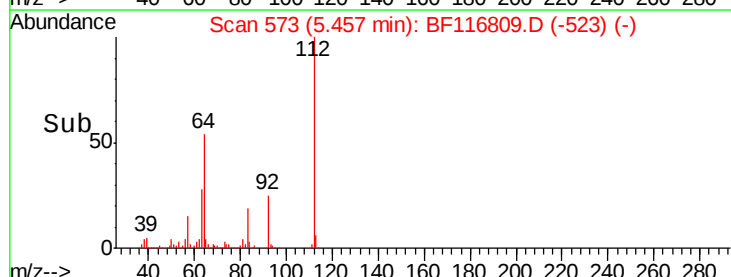
Ion 112.00 (111.70 to 112.70): E

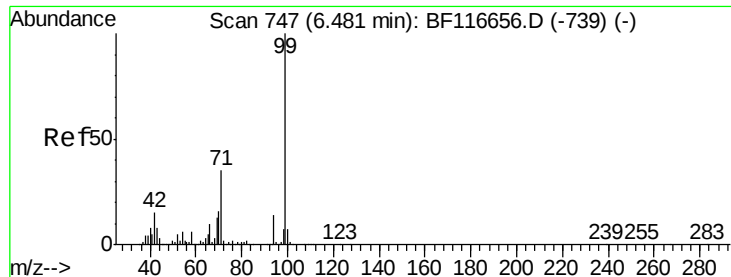
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 70.789 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116809.D

Acq: 4 Sep 2019 12:24

Instrument :

BNA_F

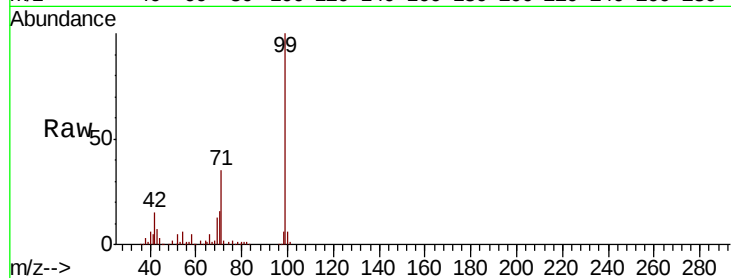
ClientSampleId :

T11-C1-C4-(0-4)

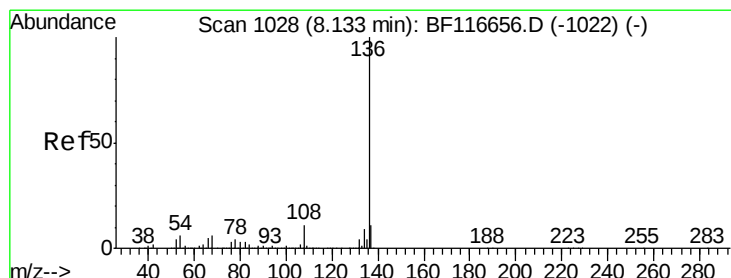
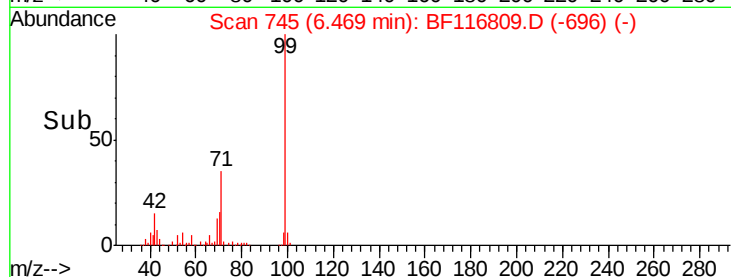
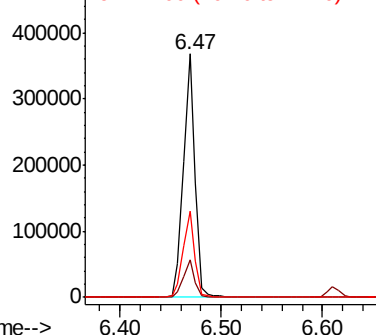
Tot Ion:	99	Resp:	296118
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.7	20.5
71	35.4	30.8	46.2

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

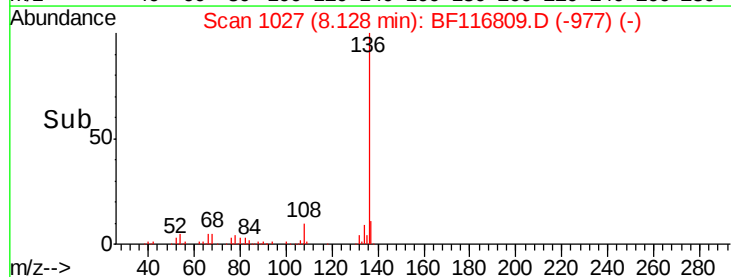
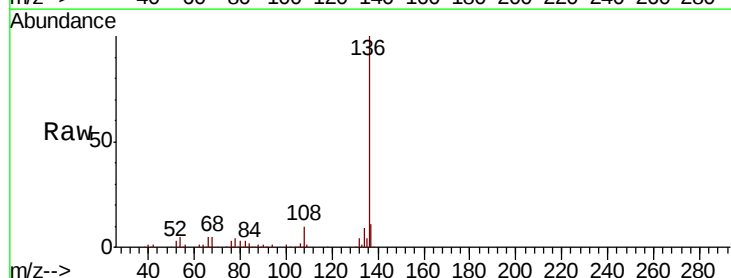
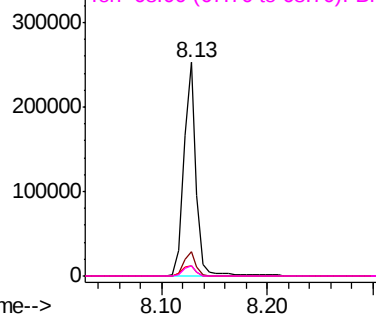
Delta R.T. -0.01 min

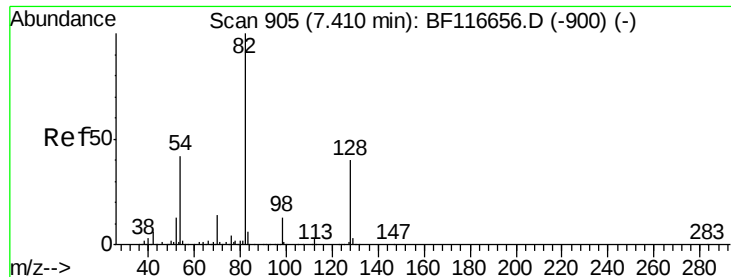
Lab File: BF116809.D

Acq: 4 Sep 2019 12:24

Tgt Ion:	136	Resp:	207230
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	5.0	4.8	7.2
68	4.7	4.0	6.0

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





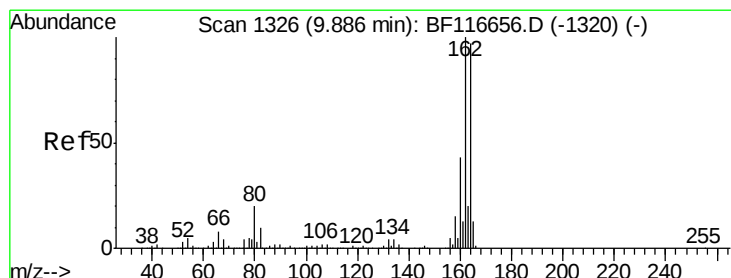
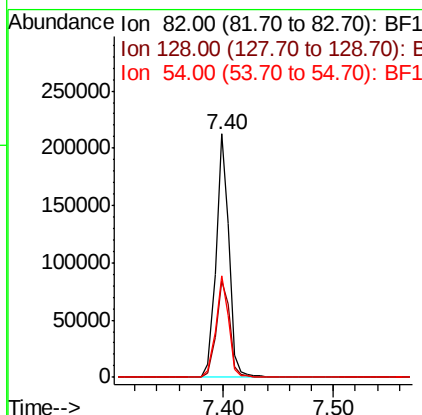
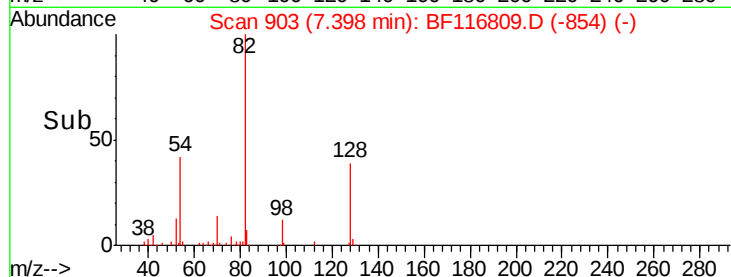
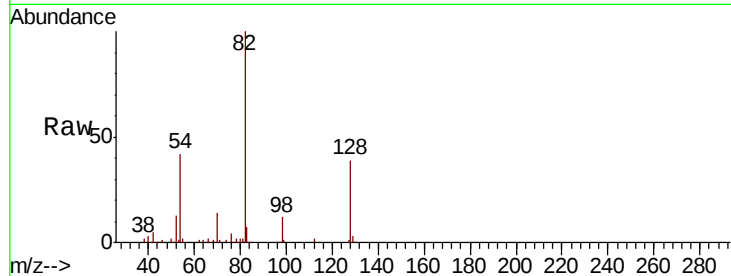
#23
 Nitrobenzene-d5
 Concen: 47.242 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF116809.D
 Acq: 4 Sep 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :
 T11-C1-C4-(0-4)

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.8	49.2
54	41.9	36.9	55.3

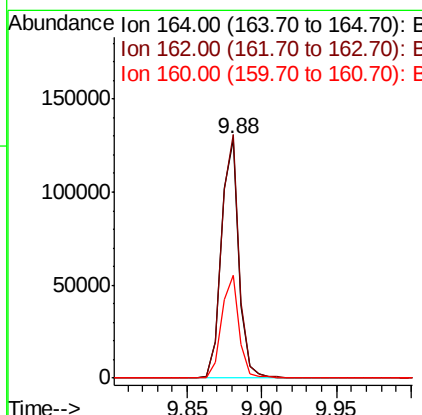
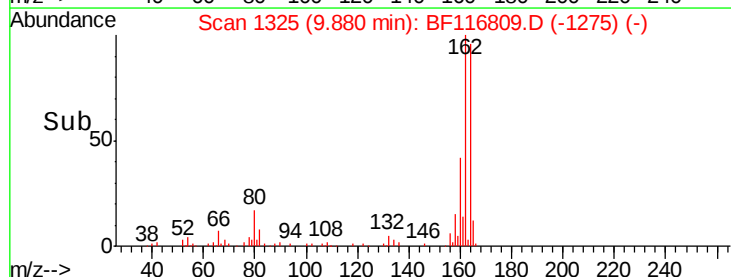
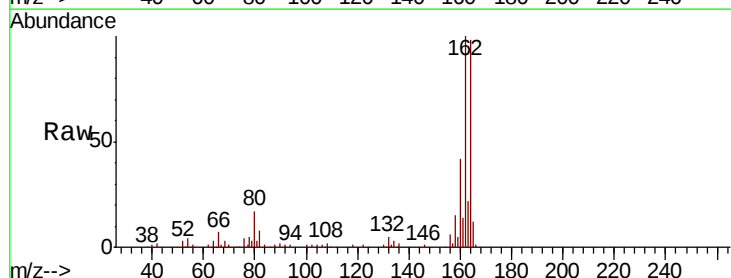
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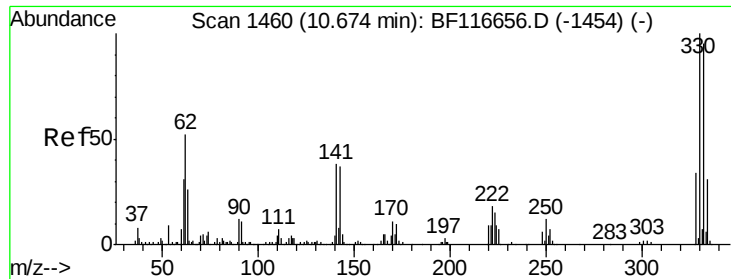
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF116809.D
 Acq: 4 Sep 2019 12:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.4	122.0
160	42.9	35.4	53.2





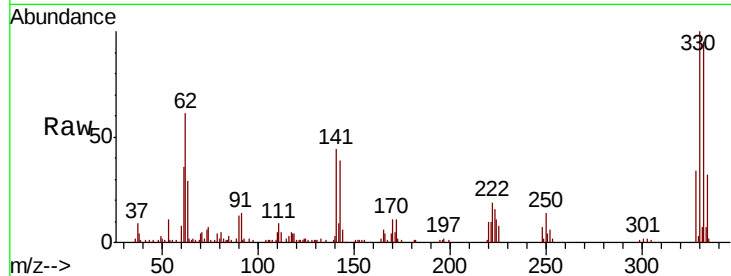
#42
 2,4,6-Tribromophenol
 Concen: 83.644 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116809.D
 Acq: 4 Sep 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :
 T11-C1-C4-(0-4)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	59483		
332	96.2		76.9	115.3
141	44.5		31.4	47.2

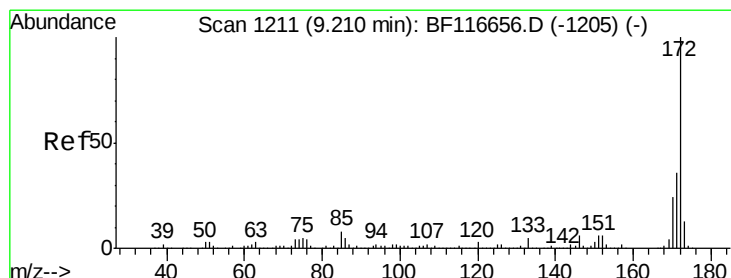
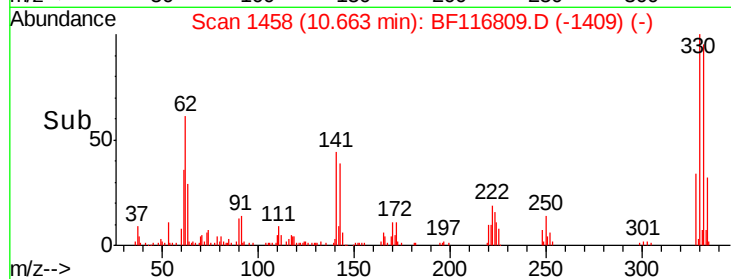
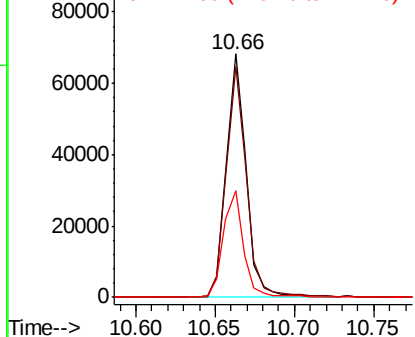
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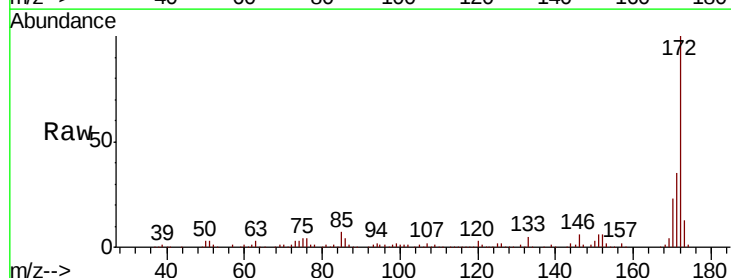
Abundance

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



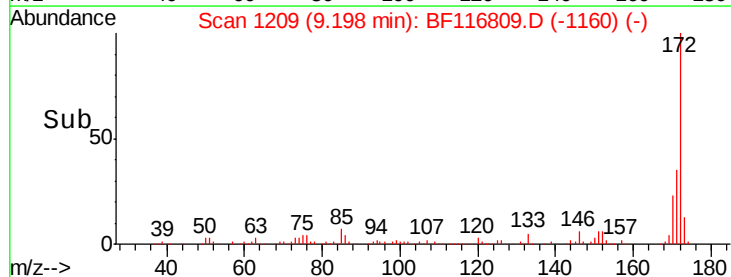
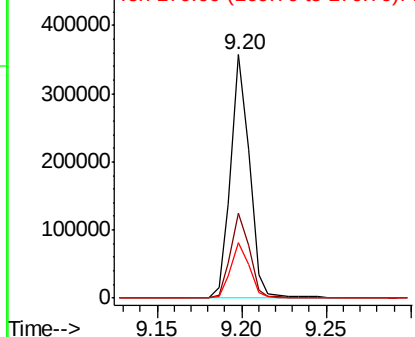
#45
 2-Fluorobiphenyl
 Concen: 43.987 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116809.D
 Acq: 4 Sep 2019 12:24

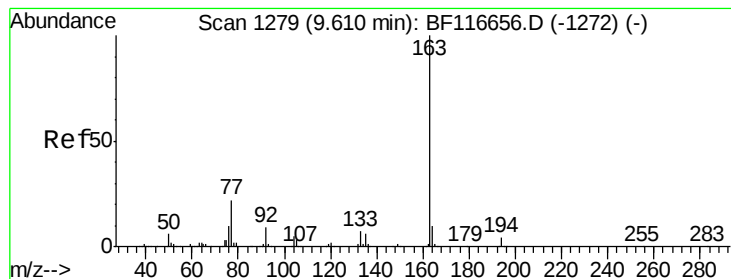
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	277383		
171	35.0		27.8	41.6
170	22.9		18.9	28.3



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: 3.594 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116809.D

Acq: 4 Sep 2019 12:24

Instrument :

BNA_F

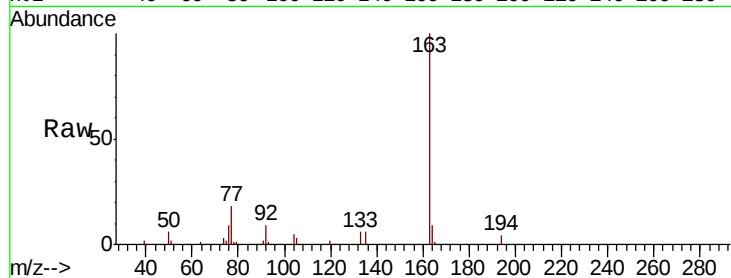
ClientSampleId :

T11-C1-C4-(0-4)

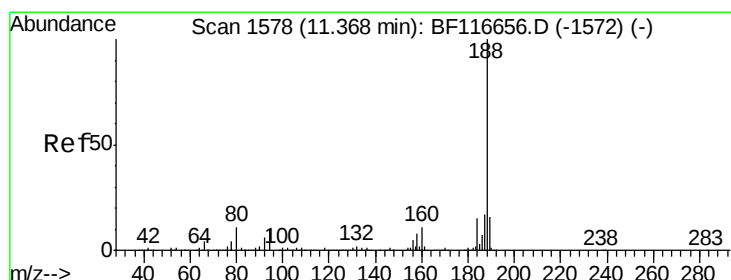
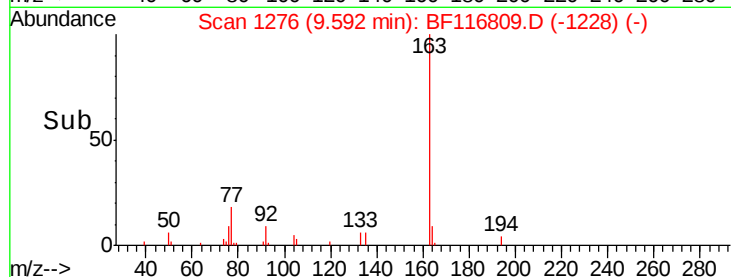
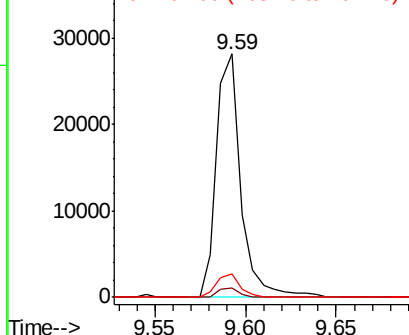
Tot Ion:	163	Resp:	26395
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.8	4.2
164	9.5	8.6	12.8

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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

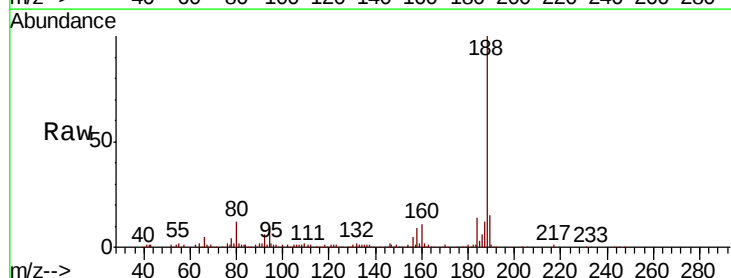
RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

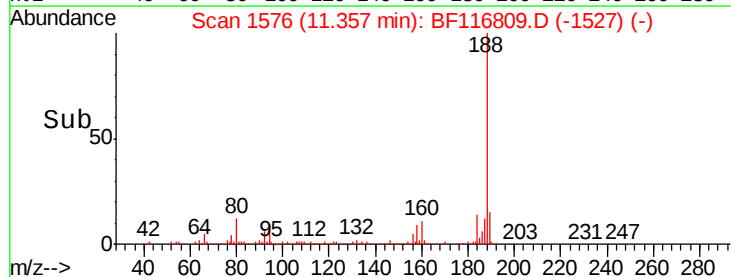
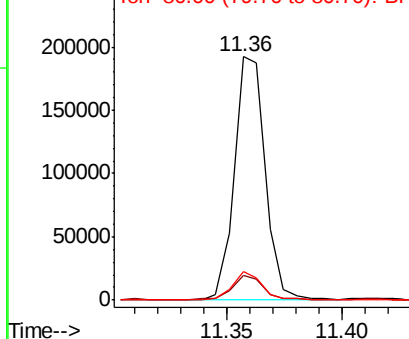
Lab File: BF116809.D

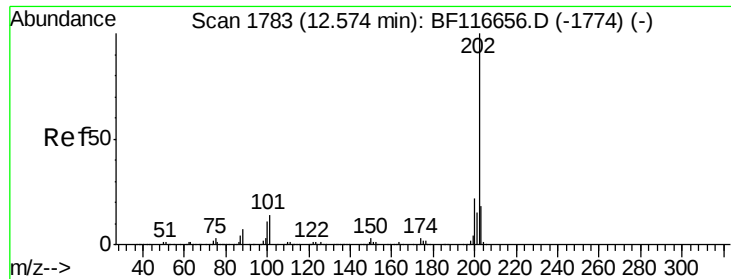
Acq: 4 Sep 2019 12:24

Tgt Ion:	188	Resp:	179648
Ion Ratio	Lower	Upper	
188	100		
94	10.4	7.3	10.9
80	12.0	8.4	12.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 3.310 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF116809.D

Acq: 4 Sep 2019 12:24

Instrument :

BNA_F

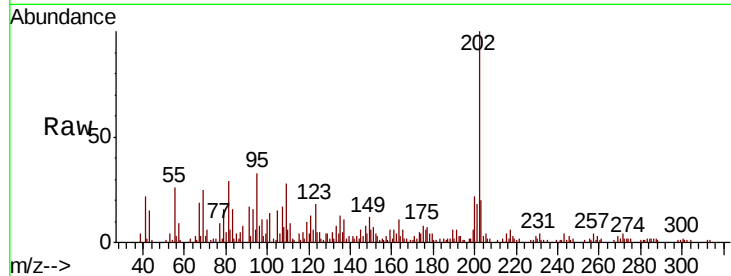
ClientSampleId :

T11-C1-C4-(0-4)

Tot Ion:	202	Resp:	32532
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	31.3
203	20.0	0.0	37.6

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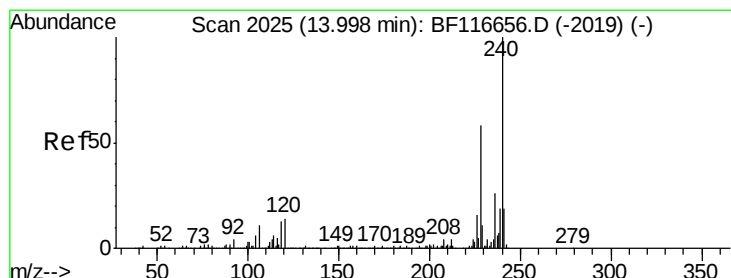
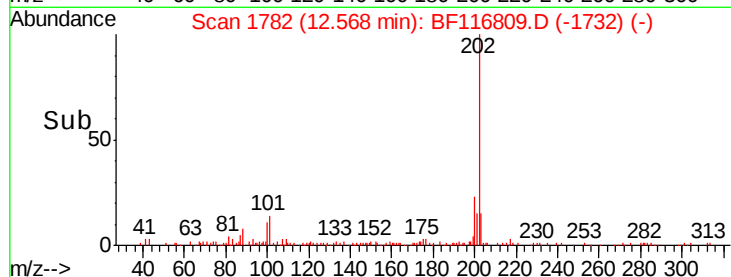
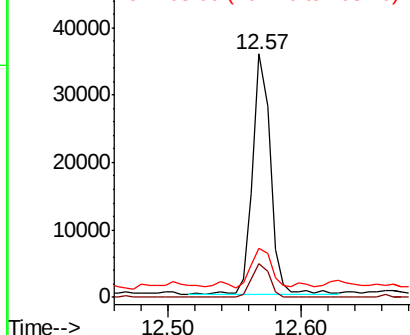


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

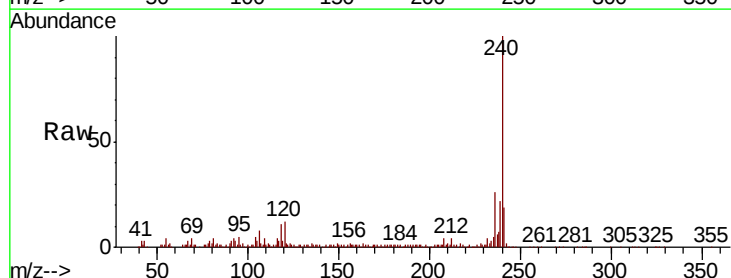
RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116809.D

Acq: 4 Sep 2019 12:24

Tgt Ion:	240	Resp:	148255
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.1	13.7
236	25.7	21.1	31.7

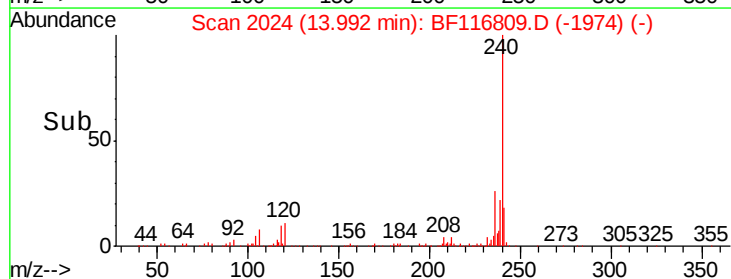
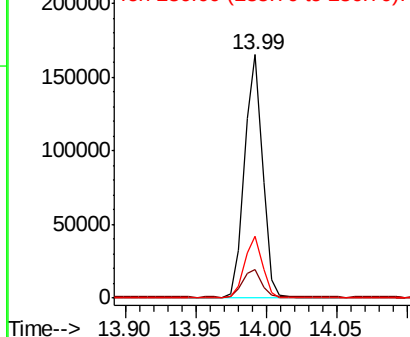


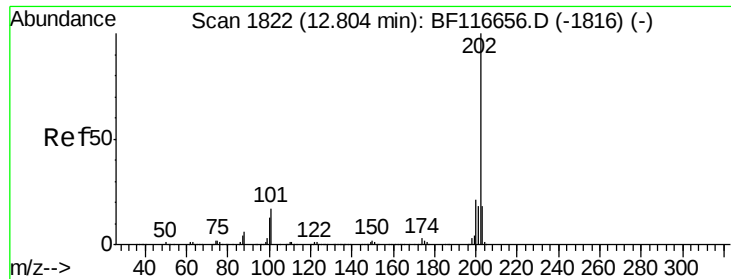
Abundance

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





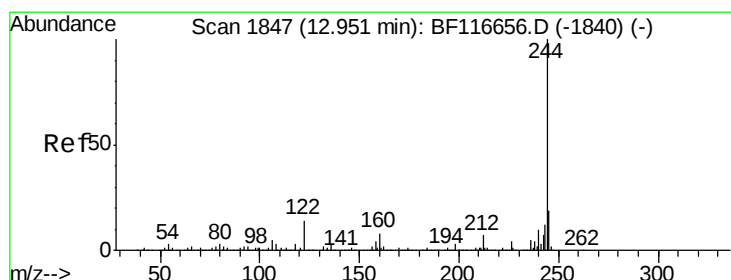
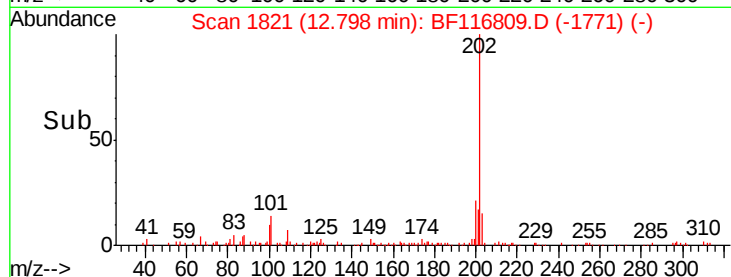
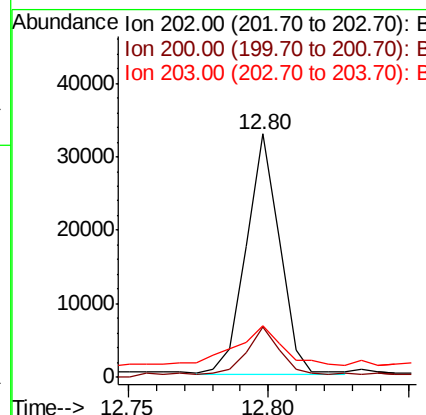
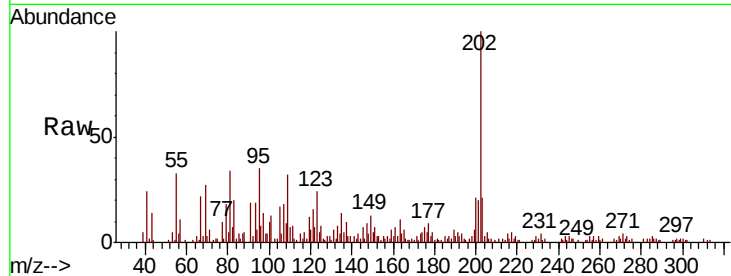
#78
Pvrene
Concen: 2.063 ng/mL
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :
T11-C1-C4-(0-4)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	16.5	24.7
203	21.4	13.7	20.5

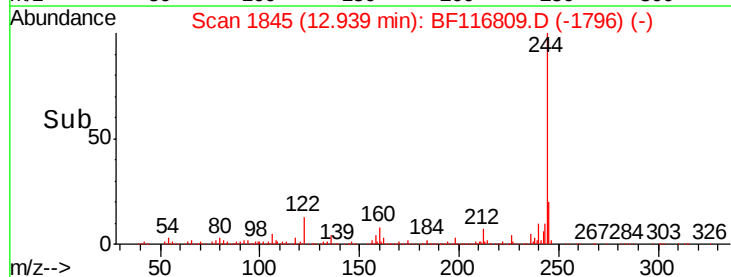
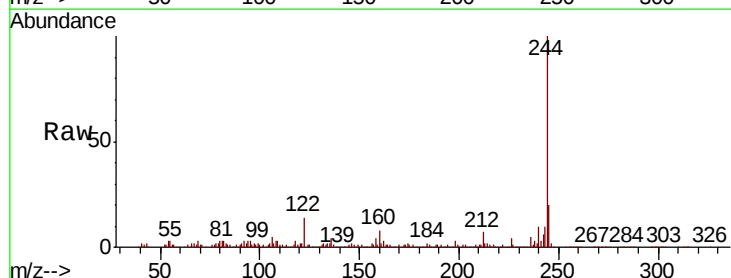
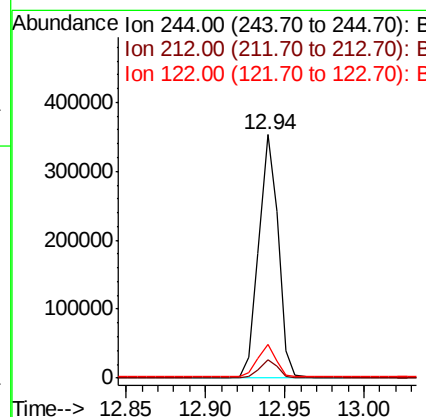
Manual Integrations
APPROVED

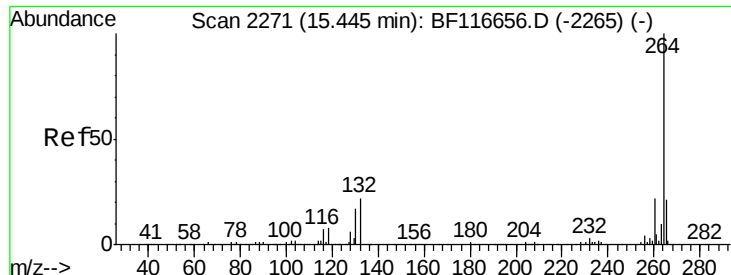
mohammad
9/9/2019 9:55:36 AM



#79
Terphenyl-d14
Concen: 37.898 ng/mL
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	6.1	9.1
122	13.7	10.2	15.4





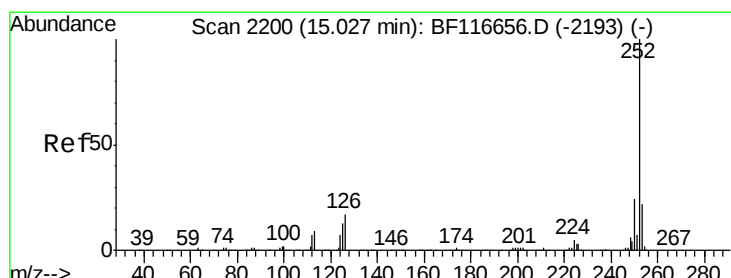
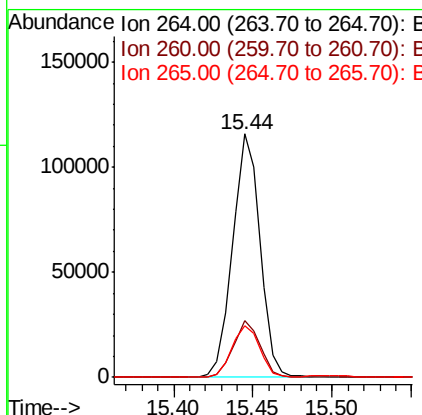
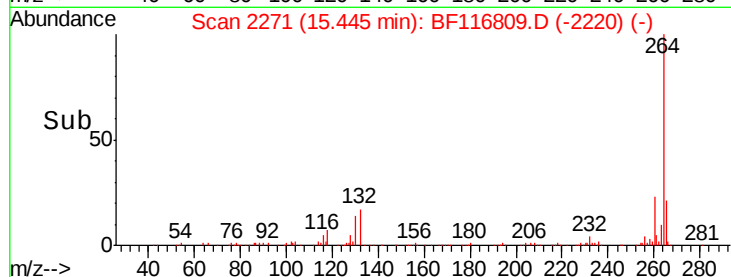
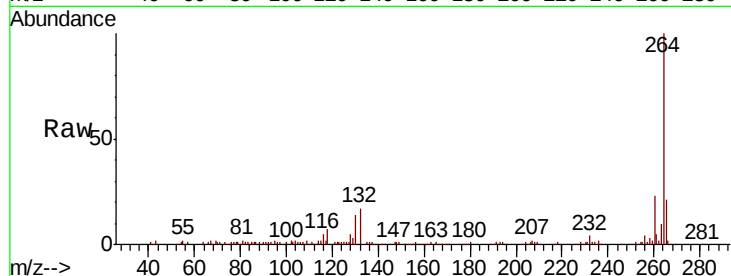
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :
T11-C1-C4-(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.0	16.5	24.7

Manual Integrations
APPROVED

mohammad
9/9/2019 9:55:36 AM



#88
Benzo(b)fluoranthene
Concen: 2.580 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	14.5	8.2	12.2#

