

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112481.D
 Acq On : 11 Feb 2019 15:28
 Operator : JU/SJ
 Sample : K1356-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-020819-B

Manual Integrations
 APPROVED

Sohil
 2/12/2019 11:57:03 AM

Quant Time: Feb 11 17:35:09 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	161917	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	632232	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	303253	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	529228	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	334435	20.00	ng	0.00
87) Perylene-d12	15.47	264	334061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	892613	117.10	ng	0.00
7) Phenol-d6	6.49	99	1109382	104.73	ng	0.00
23) Nitrobenzene-d5	7.40	82	711588	64.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	322593	91.39	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1429740	66.68	ng	-0.02
79) Terphenyl-d14	12.94	244	1158617	65.25	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	82839	7.128	ng	90
50) Dimethylphthalate	9.58	163	138939	5.897	ng	98
75) Fluoranthene	12.57	202	64685	2.192	ng	99
78) Pyrene	12.80	202	62936	2.718	ng	99
88) Benzo(b)fluoranthene	15.04	252	43373m	2.171	ng	

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

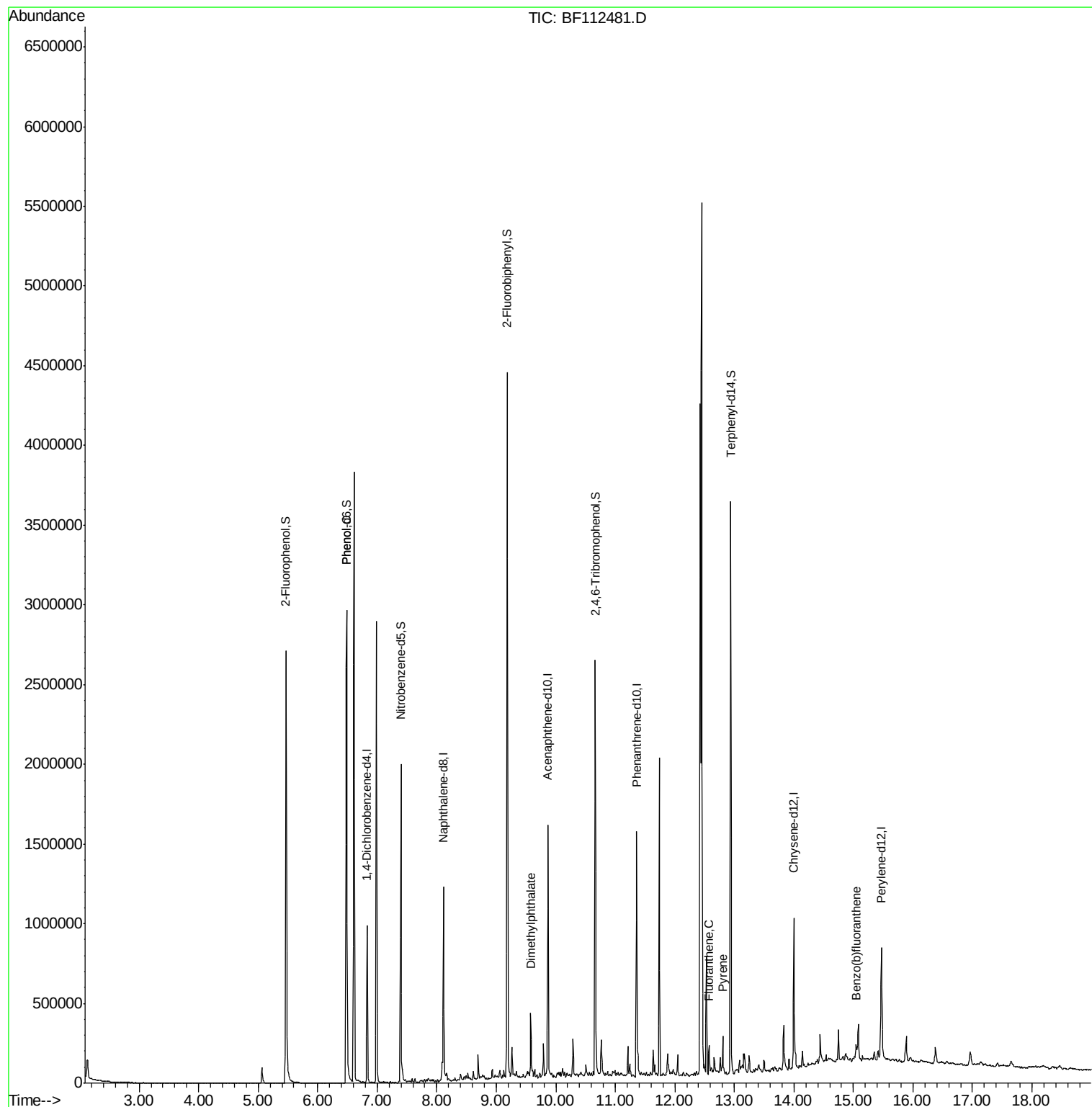
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112481.D
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ALS Vial : 6 Sample Multiplier: 1

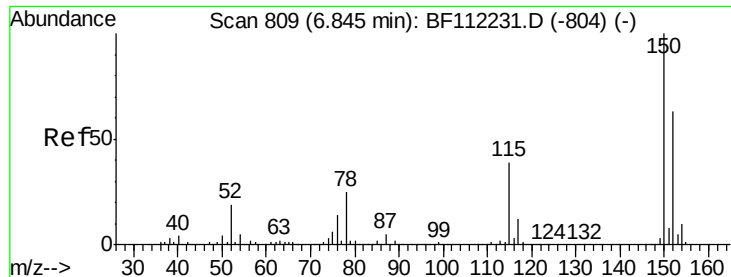
Instrument :
BNA_F
ClientSampleId :
SU-03-020819-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
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#1

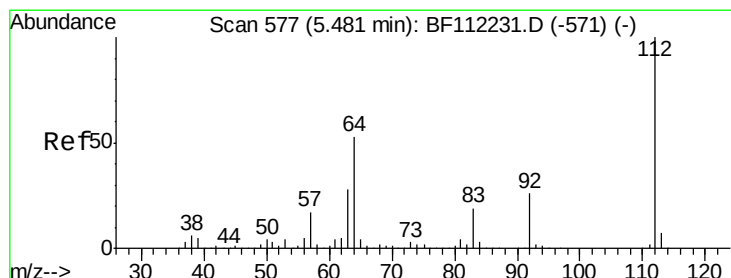
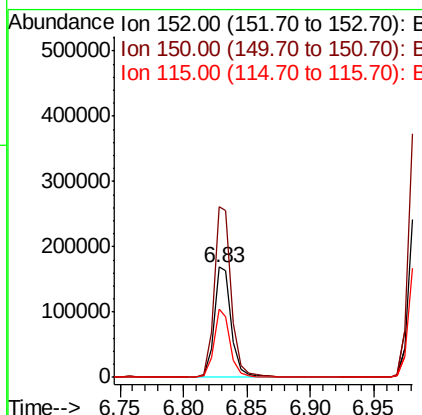
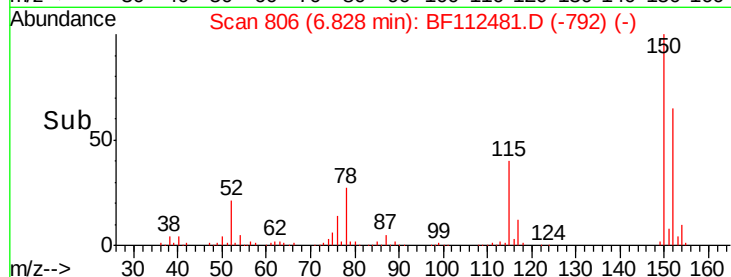
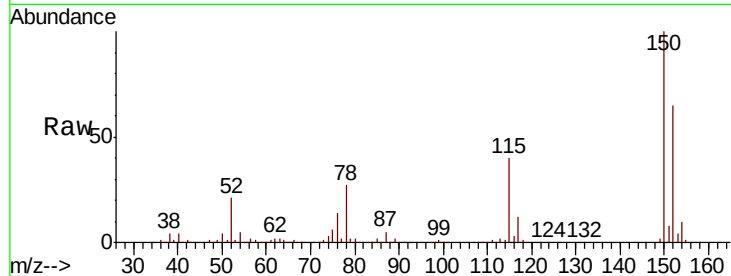
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

Instrument :
BNA_F
ClientSampleId :
SU-03-020819-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.4	191.0
115	61.5	45.5	68.3

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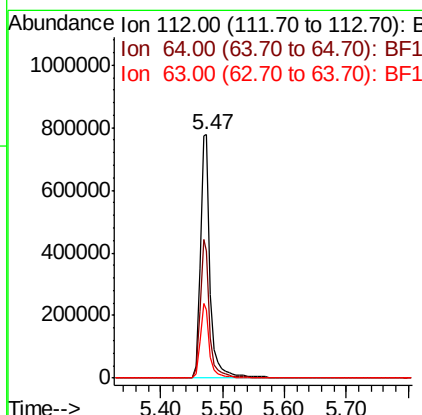
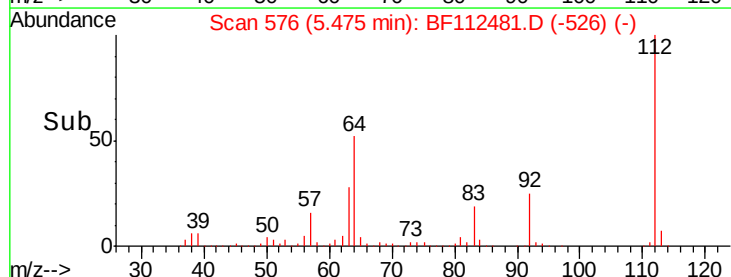
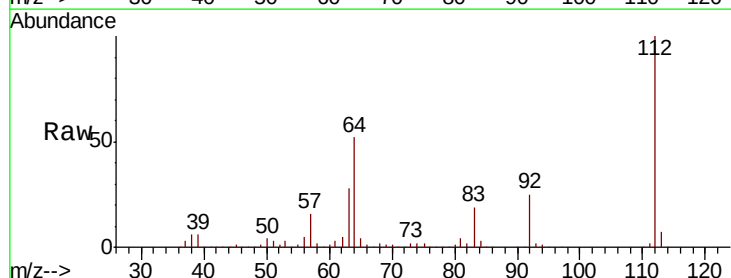
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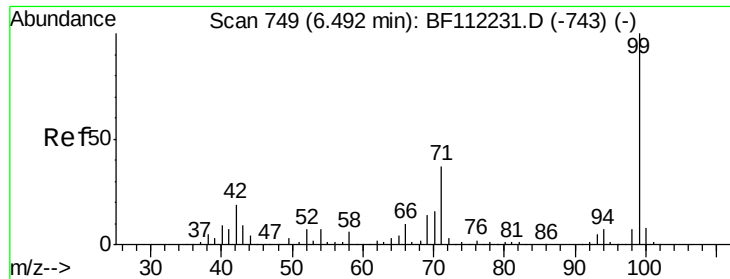


#5

2-Fluorophenol
Concen: 117.095 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	45.7	68.5
63	28.2	23.6	35.4





#7

Phenol-d6

Concen: 104.733 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112481.D

Acq: 11 Feb 2019 15:28

Instrument :

BNA_F

ClientSampleId :

SU-03-020819-B

Tot Ion: 99 Resp: 1109382

Ion Ratio Lower Upper

99 100

42 18.2 15.1 22.7

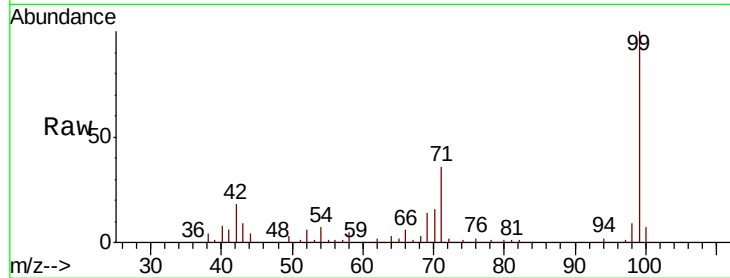
71 36.1 26.9 40.3

Manual Integrations

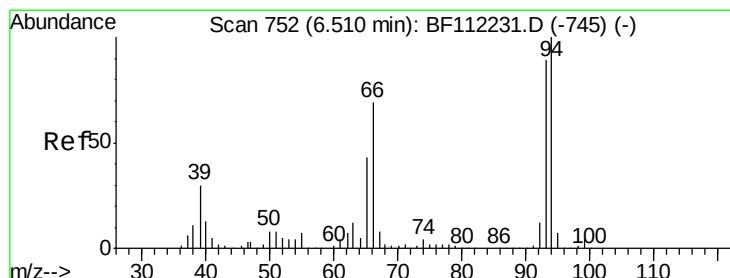
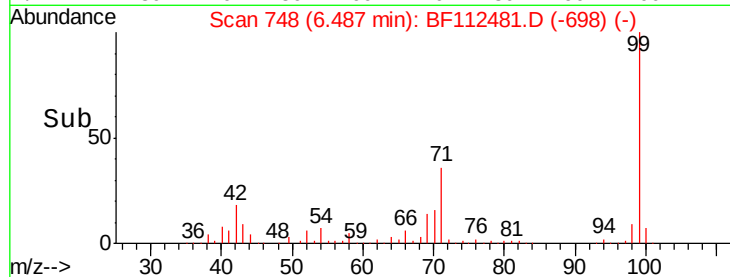
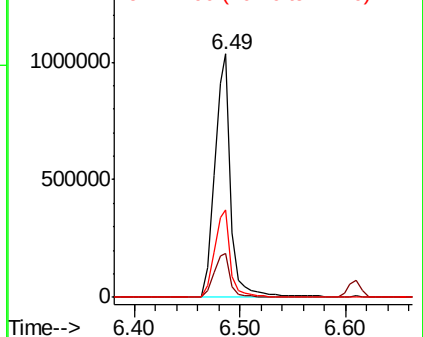
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 7.128 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112481.D

Acq: 11 Feb 2019 15:28

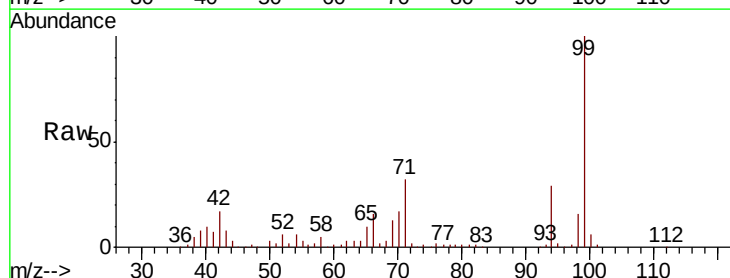
Tgt Ion: 94 Resp: 82839

Ion Ratio Lower Upper

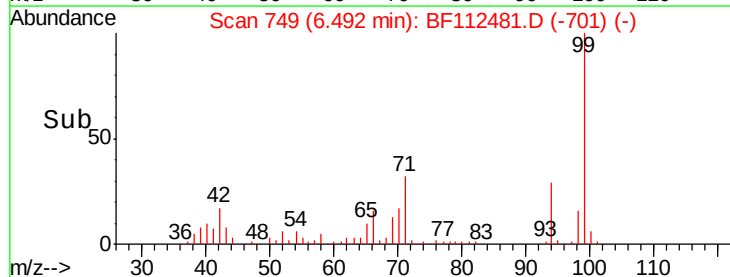
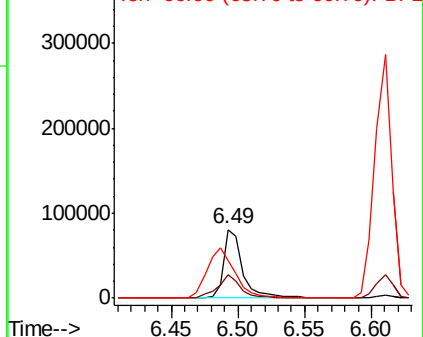
94 100

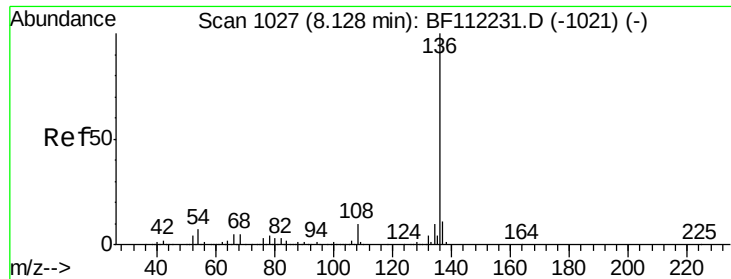
65 33.5 20.3 60.3

66 54.8 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





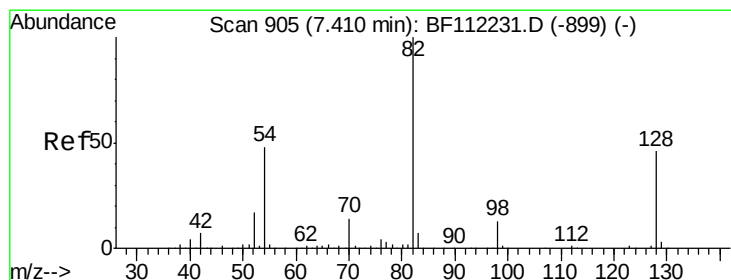
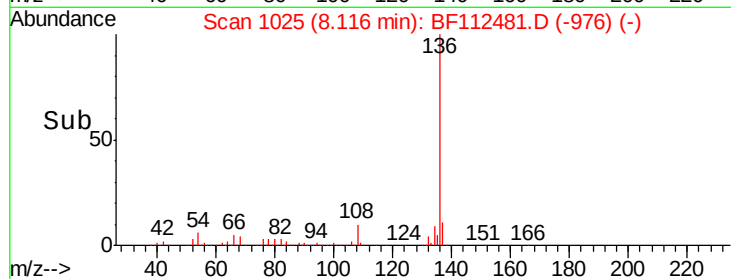
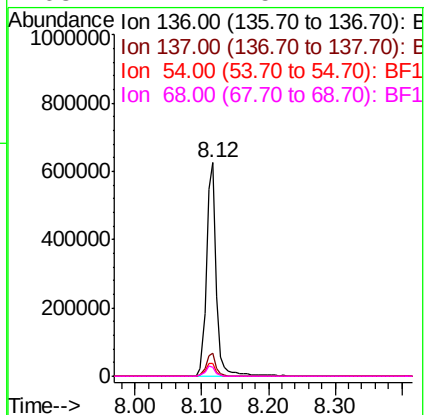
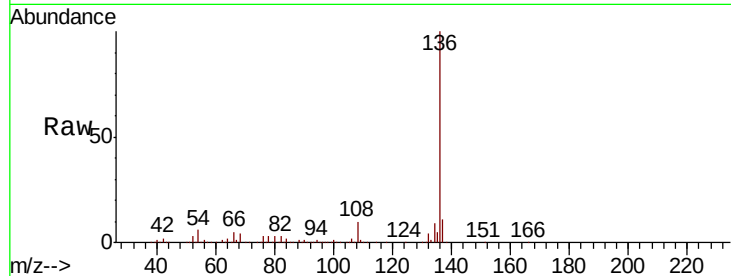
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

Instrument :
BNA_F
ClientSampleId :
SU-03-020819-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.1	13.7	
54	5.7	5.9	8.9#	
68	4.4	5.1	7.7#	

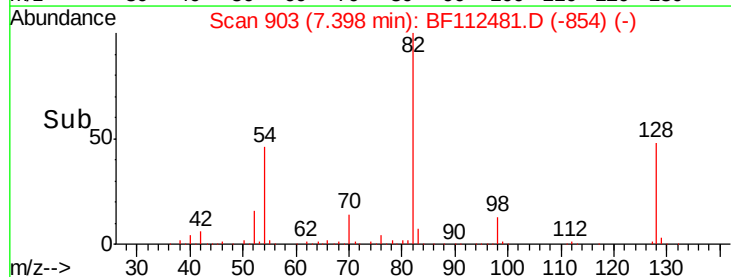
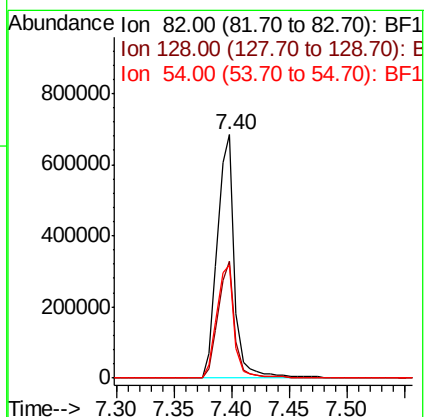
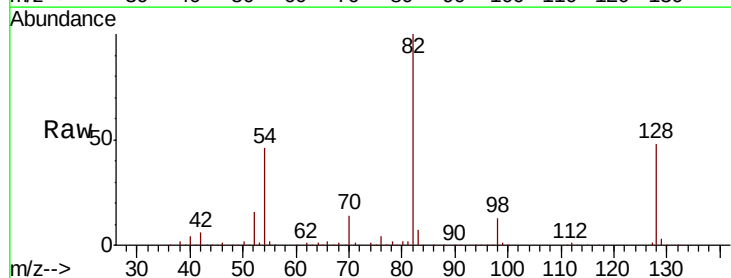
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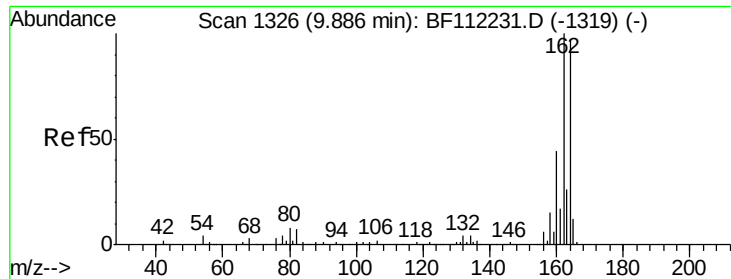
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#23
Nitrobenzene-d5
Concen: 64.852 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.1	37.8	56.8	
54	46.3	39.7	59.5	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112481.D

Acq: 11 Feb 2019 15:28

Instrument :

BNA_F

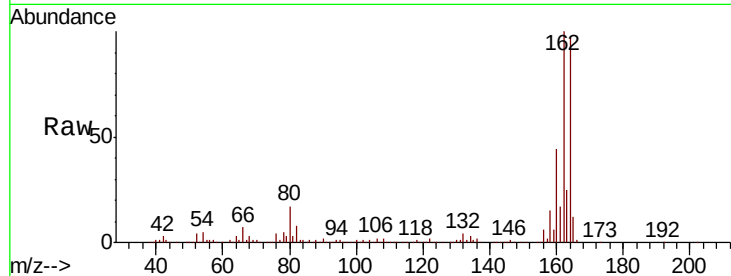
ClientSampleId :

SU-03-020819-B

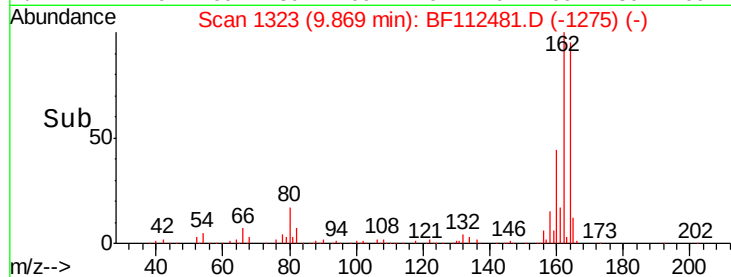
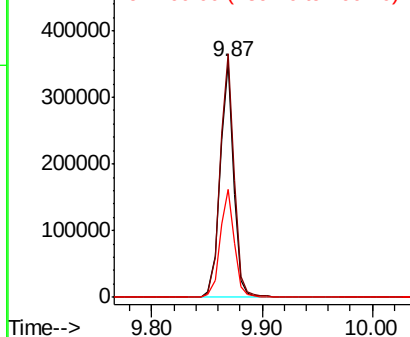
Tot Ion:	164	Resp:	303253
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.2	123.4
160	45.8	36.2	54.4

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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: 91.392 ng

RT: 10.66 min Scan# 1458

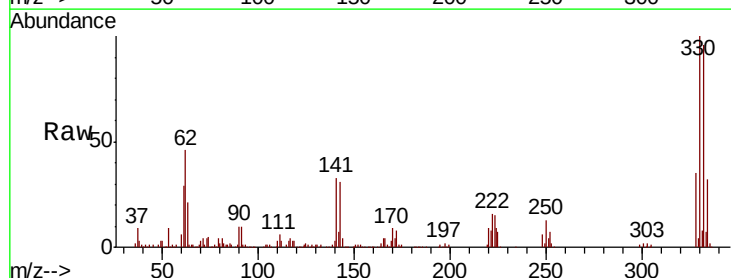
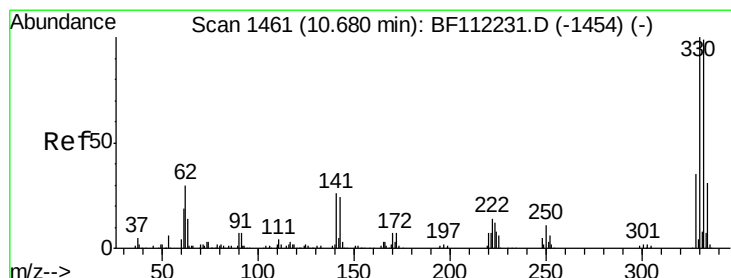
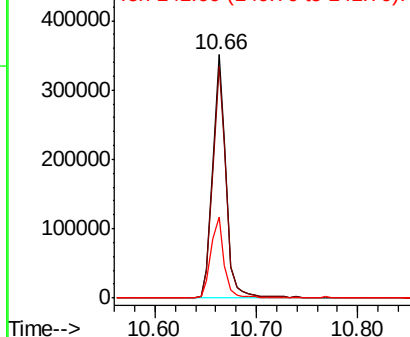
Delta R.T. -0.02 min

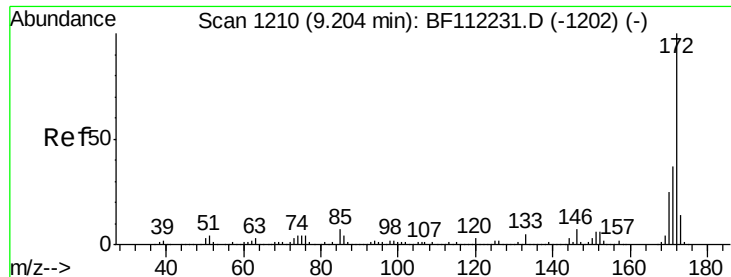
Lab File: BF112481.D

Acq: 11 Feb 2019 15:28

Tgt Ion:	330	Resp:	322593
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.6	114.8
141	32.7	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





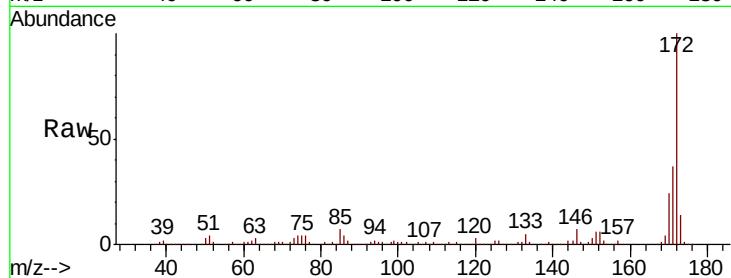
#45
2-Fluorobiphenyl
Concen: 66.681 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

Instrument :
BNA_F
ClientSampleId :
SU-03-020819-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.3	20.2	30.4

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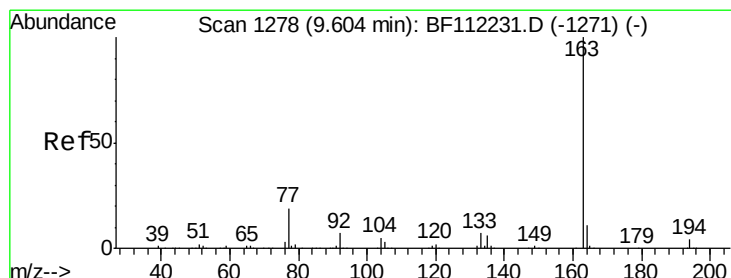
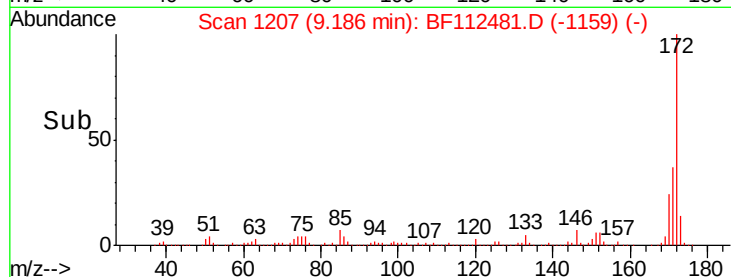
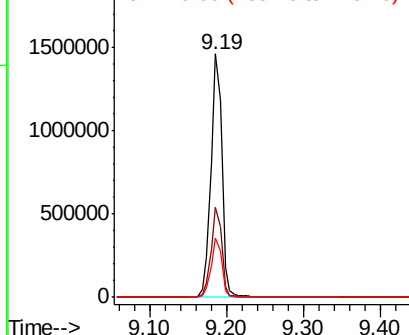


Abundance

Ion 172.00 (171.70 to 172.70): E

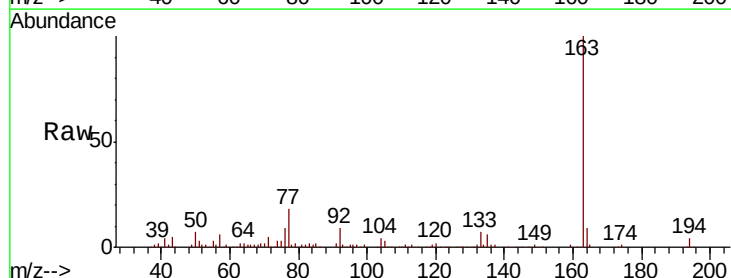
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.897 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.4	8.5	12.7

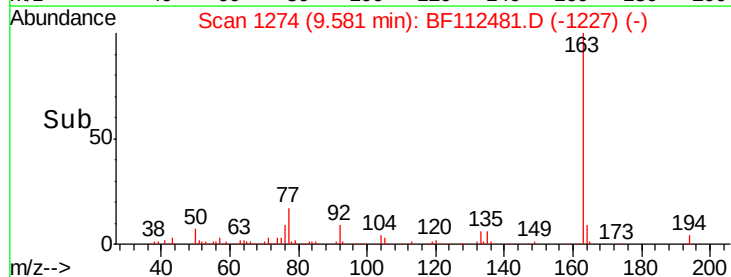
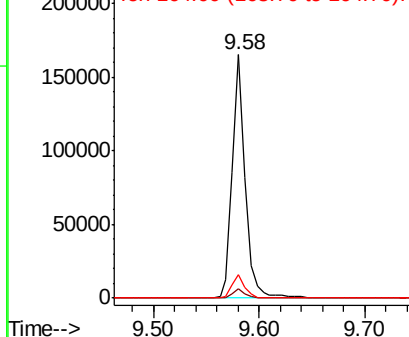


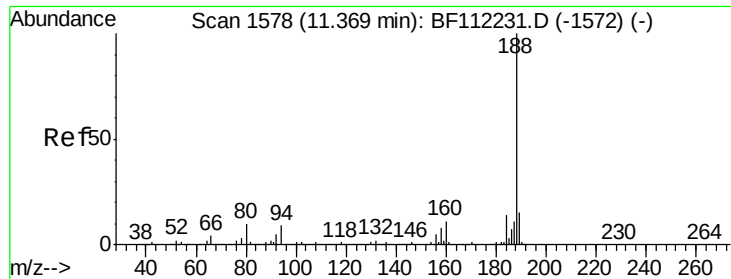
Abundance

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: BF112481.D

Acq: 11 Feb 2019 15:28

Instrument :

BNA_F

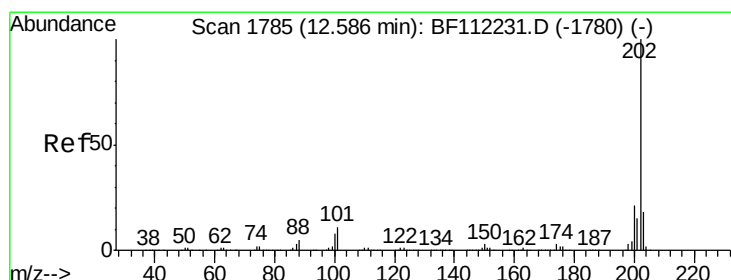
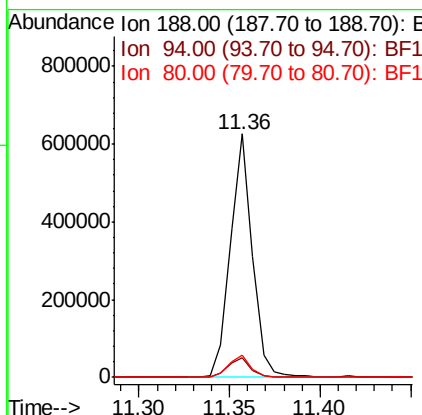
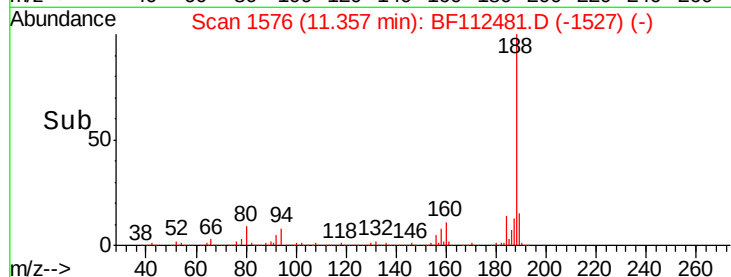
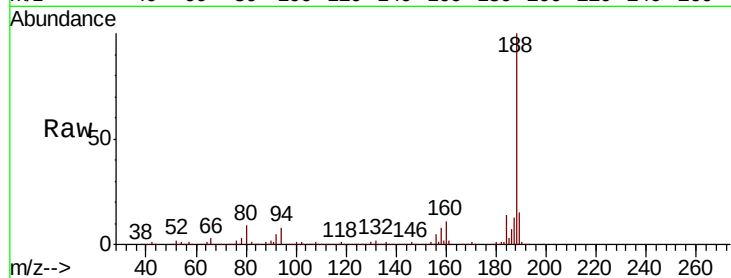
ClientSampleId :

SU-03-020819-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	529228		
94	8.2		8.2	12.2
80	9.0		8.9	13.3

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#75

Fluoranthene

Concen: 2.192 ng

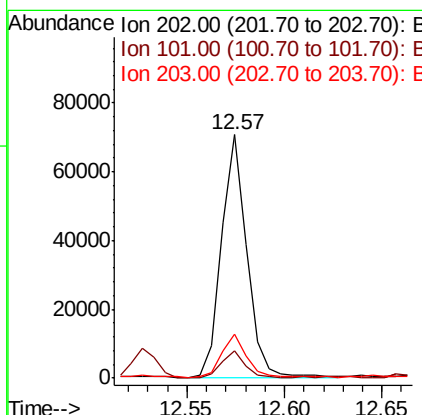
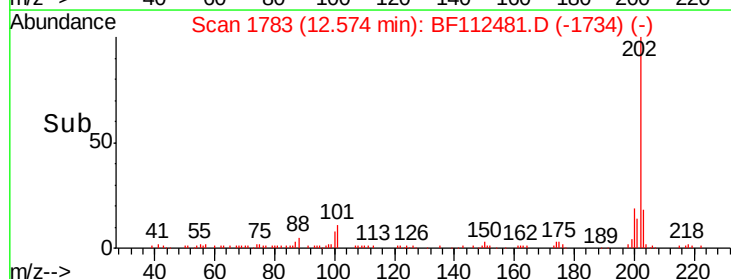
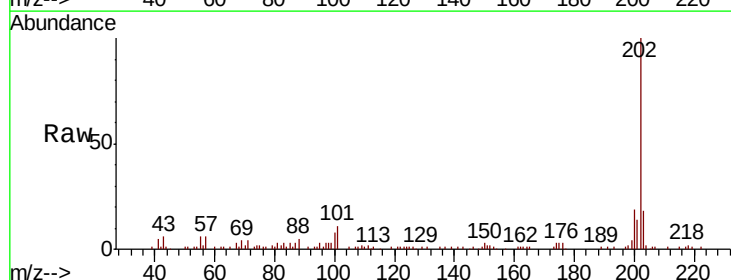
RT: 12.57 min Scan# 1783

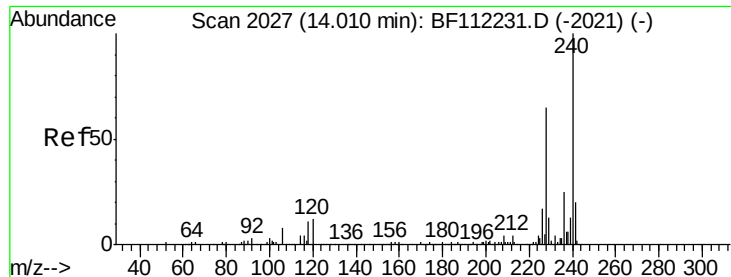
Delta R.T. -0.01 min

Lab File: BF112481.D

Acq: 11 Feb 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	64685		
101	11.2		0.0	31.8
203	18.2		0.0	38.4





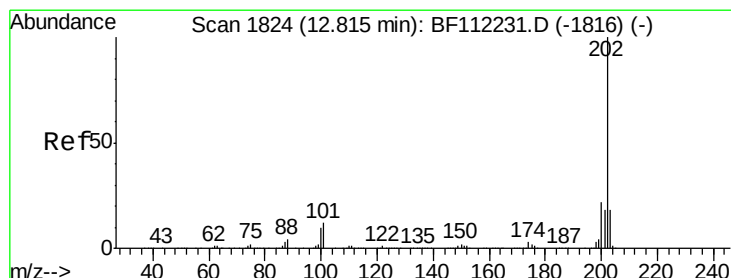
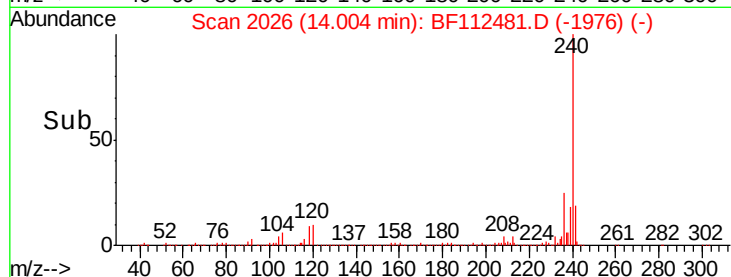
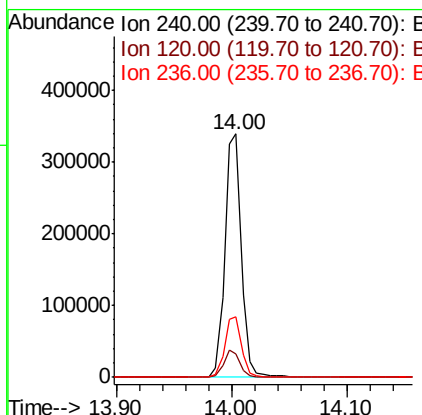
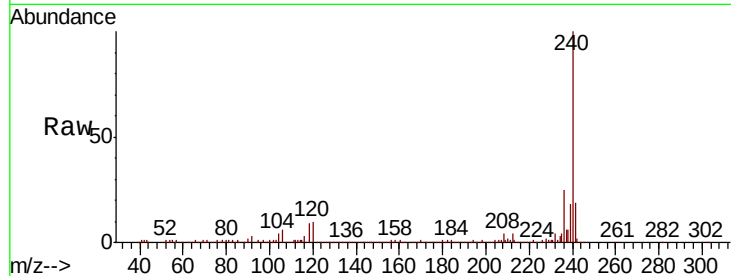
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

Instrument :
BNA_F
ClientSampleId :
SU-03-020819-B

Tot Ion	Ratio	Resp	Lower	Upper
240	100	334435		
120	9.7	9.0	13.6	
236	24.9	20.7	31.1	

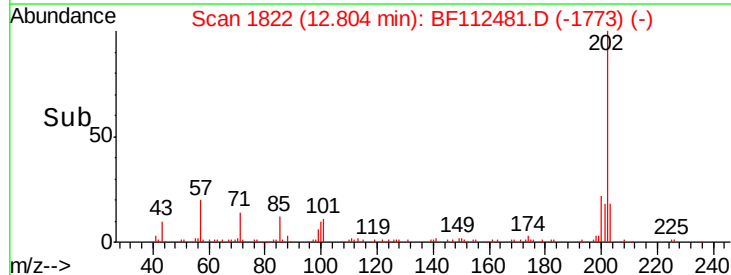
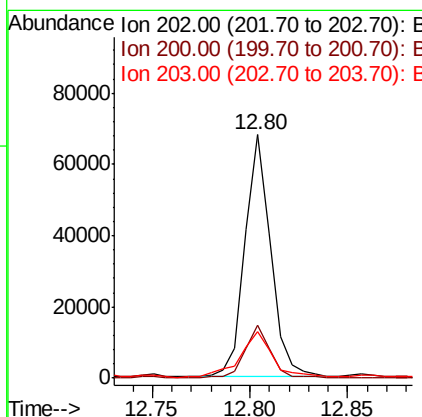
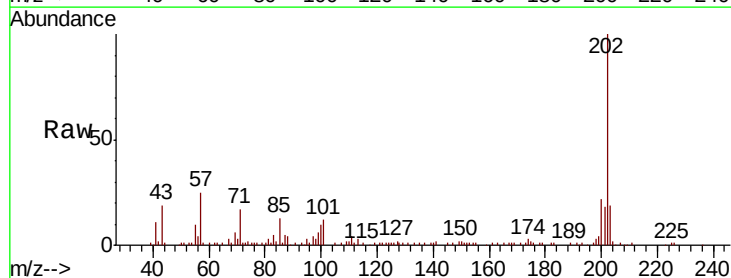
Manual Integrations
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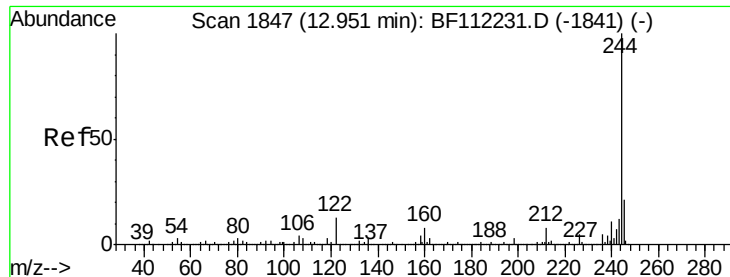
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#78
Pyrene
Concen: 2.718 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	62936		
200	21.9	17.7	26.5	
203	19.0	14.6	22.0	





#79

Terphenyl-d14

Concen: 65.250 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112481.D

Acq: 11 Feb 2019 15:28

Instrument :

BNA_F

ClientSampleId :

SU-03-020819-B

Tot Ion:244 Resp: 1158617

Ion Ratio Lower Upper

244 100

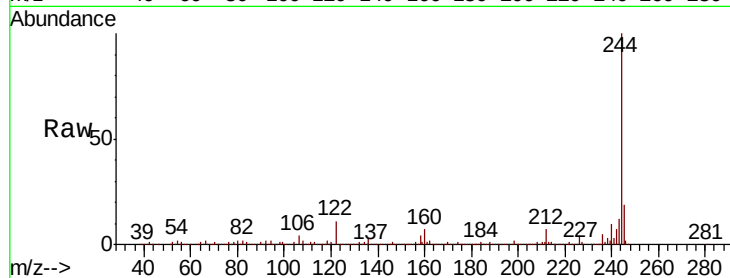
212 7.3 5.9 8.9

122 11.2 9.8 14.6

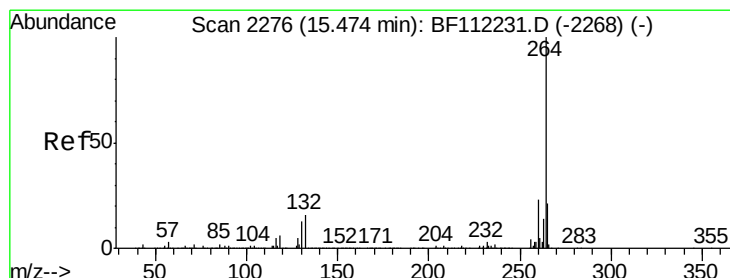
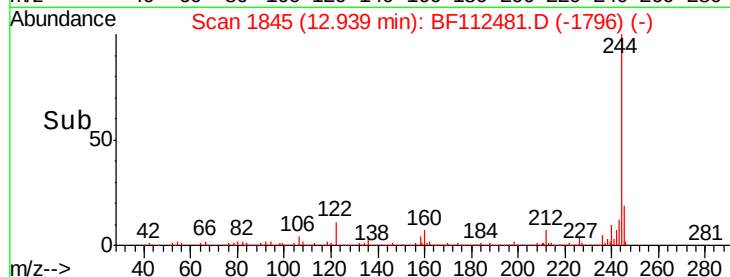
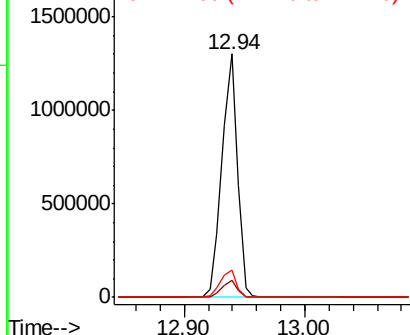
Manual Integrations
APPROVED

Sohil

2/12/2019 11:57:03 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: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112481.D

Acq: 11 Feb 2019 15:28

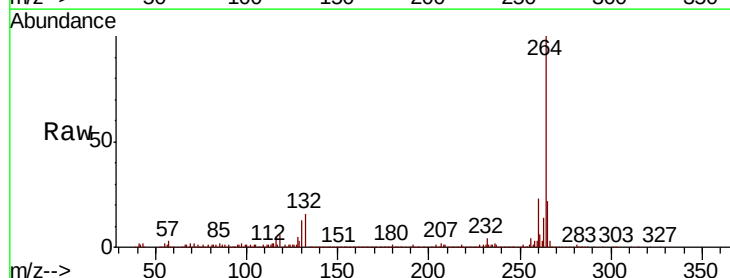
Tgt Ion:264 Resp: 334061

Ion Ratio Lower Upper

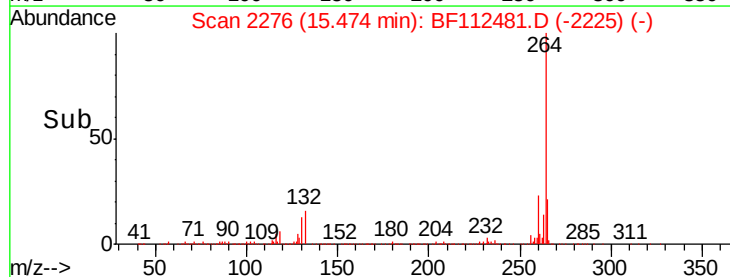
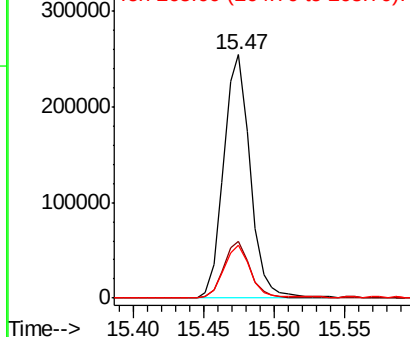
264 100

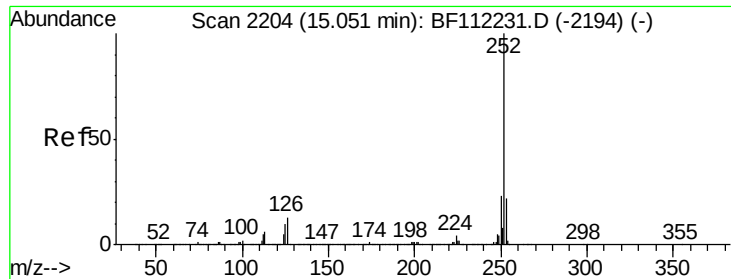
260 23.2 18.2 27.2

265 21.5 17.0 25.4



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: 2.171 ng/ml
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF112481.D
 Acq: 11 Feb 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-020819-B

Tot Ion:	252	Resp:	43373
Ion Ratio	Lower	Upper	
252	100		
253	25.6	18.0	27.0
125	15.6	8.7	13.1#

Manual Integrations
 APPROVED

Sohil
 2/12/2019 11:57:03 AM

