

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112438.D
 Acq On : 7 Feb 2019 15:18
 Operator : JU/SJ
 Sample : K1389-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-5S

Manual Integrations
 APPROVED

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 2/11/2019 4:49:58 PM

Quant Time: Feb 09 03:32:27 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	155076	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	605507	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	286626	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	503884	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	356957	20.00	ng	-0.01
87) Perylene-d12	15.47	264	324140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	921660	126.24	ng	0.00
7) Phenol-d6	6.49	99	1161959	114.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	726782	69.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	333013	99.82	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1324429	65.35	ng	-0.02
79) Terphenyl-d14	12.94	244	1141143	60.21	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	23365	2.099	ng	Qvalue # 84
50) Dimethylphthalate	9.58	163	120754	5.422	ng	98
75) Fluoranthene	12.57	202	65807	2.342	ng	98
78) Pyrene	12.80	202	61324	2.481	ng	97
88) Benzo(b)fluoranthene	15.04	252	43160m	2.226	ng	

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

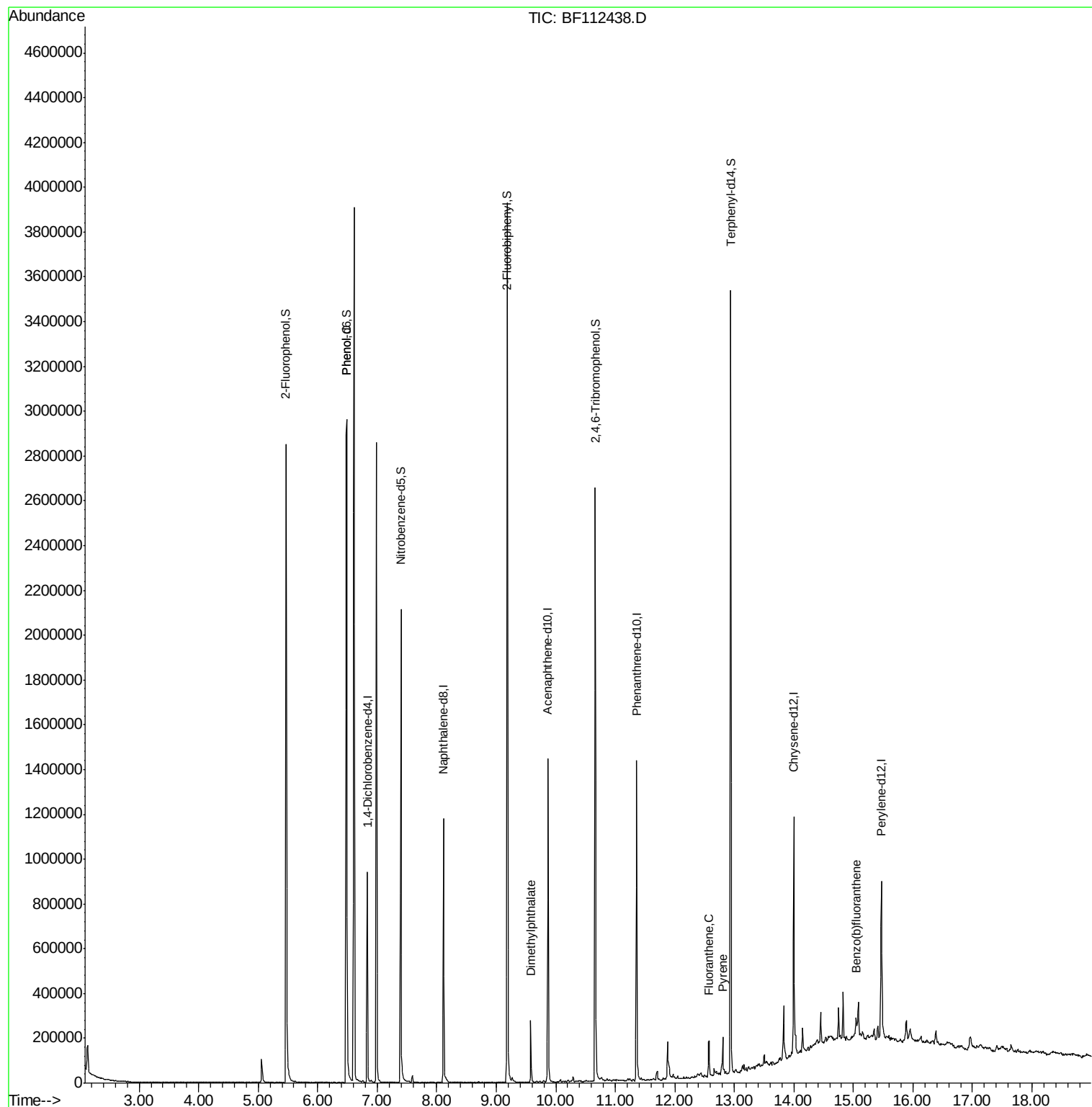
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112438.D
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ALS Vial : 8 Sample Multiplier: 1

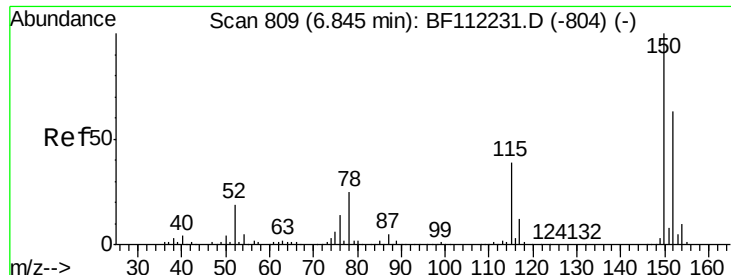
Instrument :
BNA_F
ClientSampleId :
M-5S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

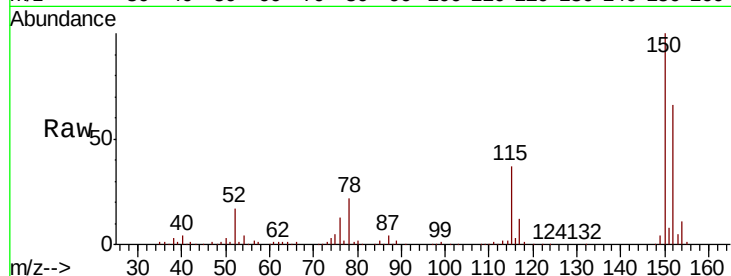
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112438.D
Acq: 7 Feb 2019 15:18

Instrument :
BNA_F
ClientSampled :
M-5S

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	127.4	191.0
115	56.5	45.5	68.3

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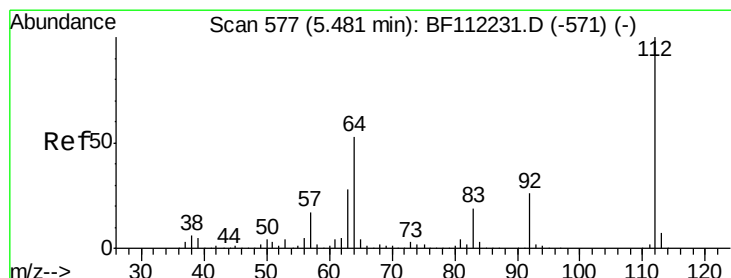
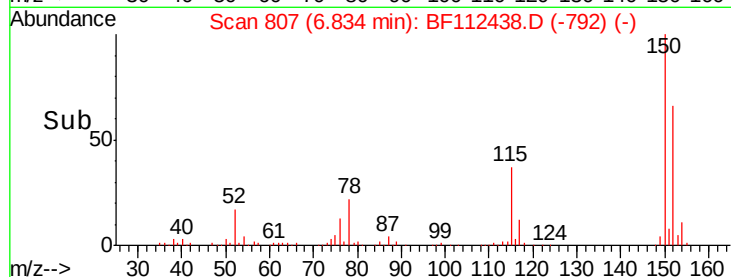
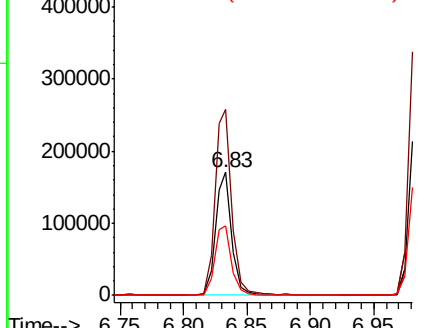


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

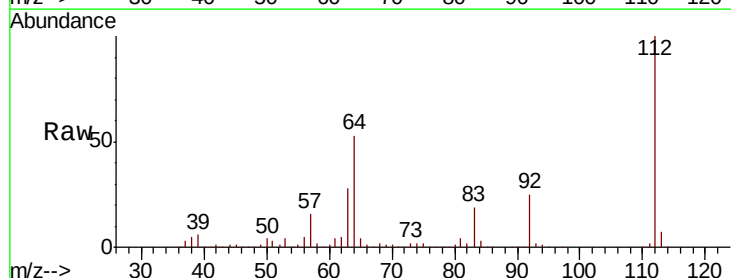
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.239 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112438.D
Acq: 7 Feb 2019 15:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	45.7	68.5
63	28.2	23.6	35.4

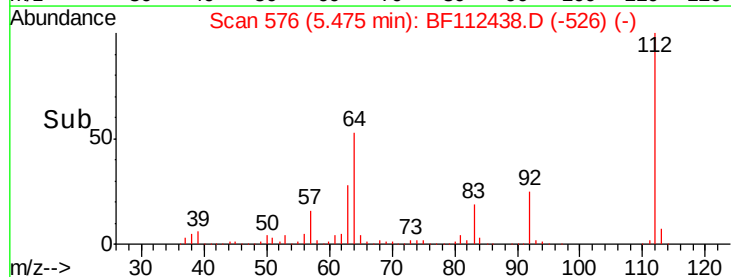
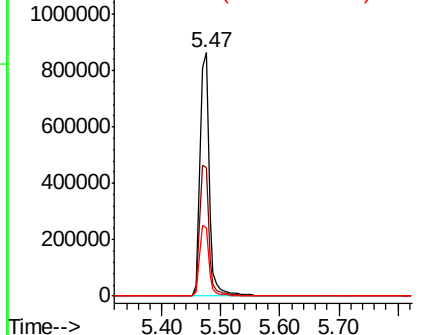


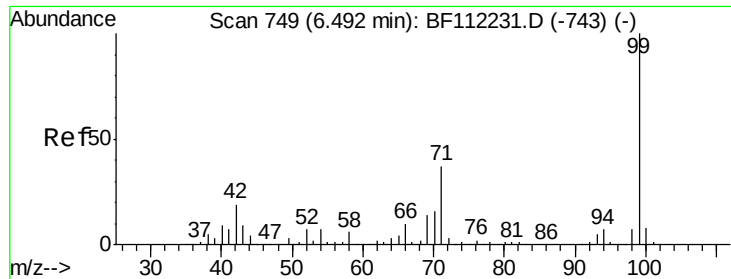
Abundance

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: 114.535 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112438.D

Acq: 7 Feb 2019 15:18

Instrument :

BNA_F

ClientSampled :

M-5S

Tot Ion: 99 Resp: 1161959

Ion Ratio Lower Upper

99 100

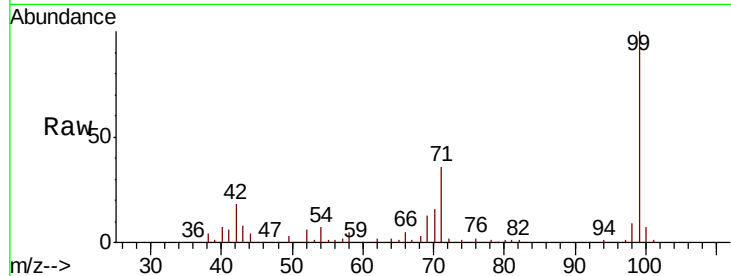
42 18.0 15.1 22.7

71 35.6 26.9 40.3

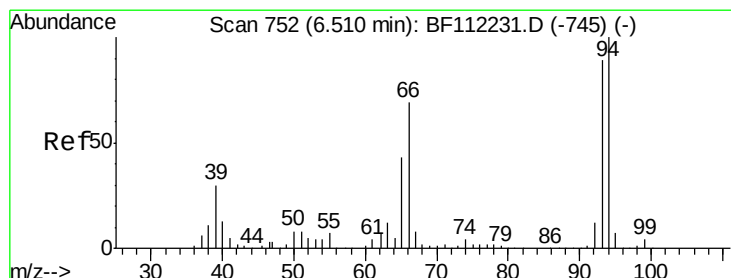
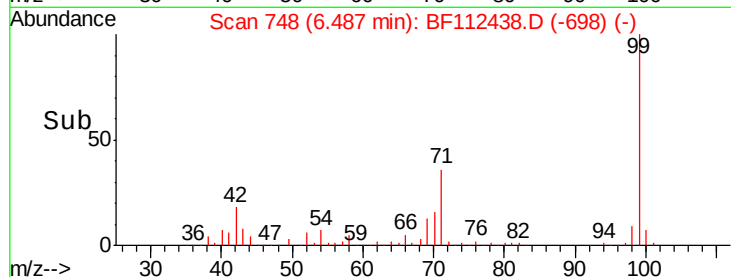
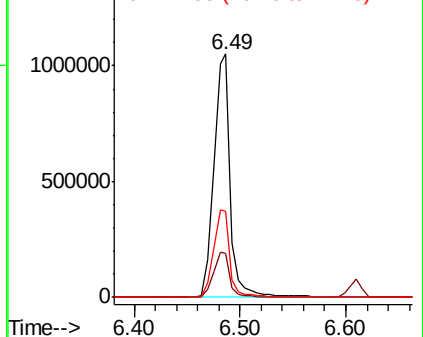
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.099 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112438.D

Acq: 7 Feb 2019 15:18

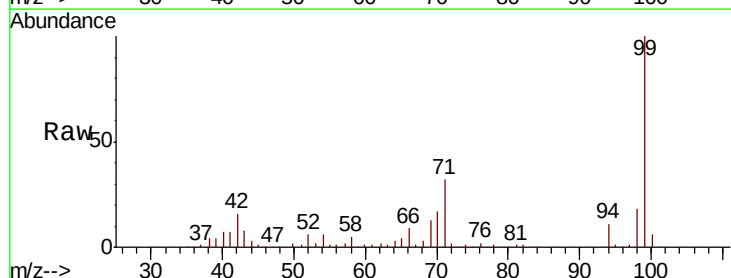
Tgt Ion: 94 Resp: 23365

Ion Ratio Lower Upper

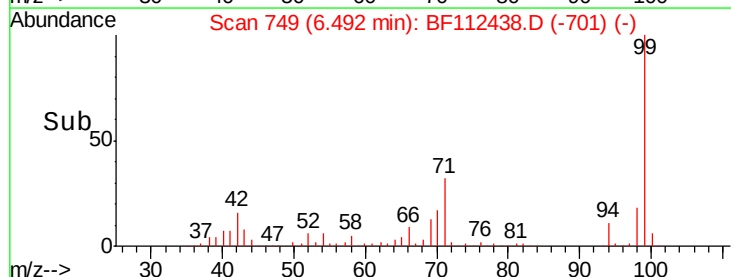
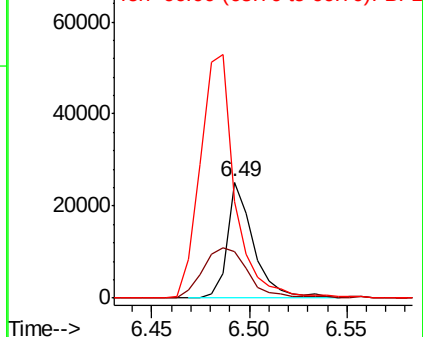
94 100

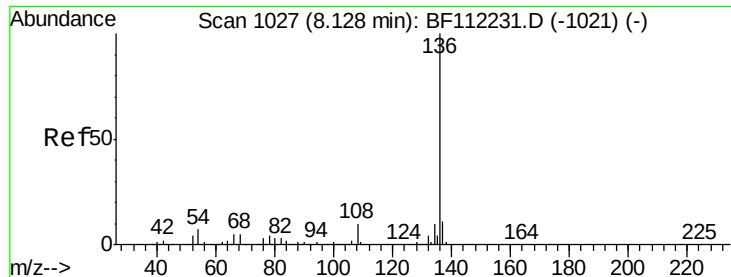
65 40.0 20.3 60.3

66 83.0 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: BF112438.D

Acq: 7 Feb 2019 15:18

Instrument :

BNA_F

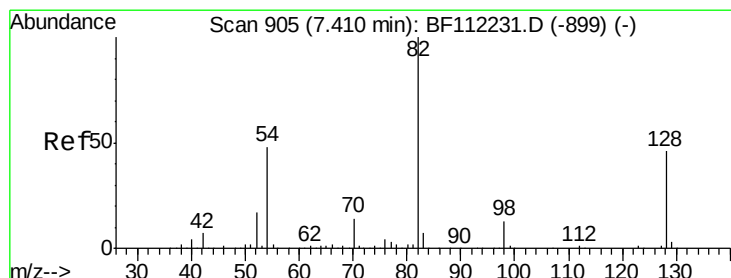
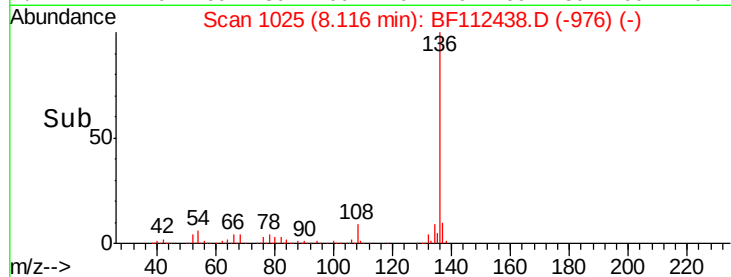
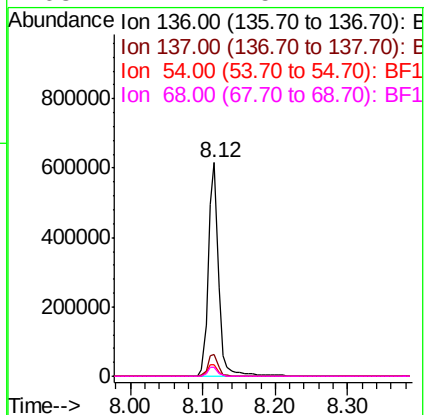
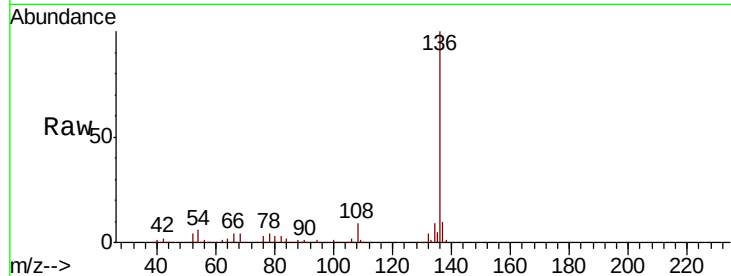
ClientSampled :

M-5S

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.3	9.1	13.7
54	5.7	5.9	8.9#
68	4.4	5.1	7.7#

Manual Integrations
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#23

Nitrobenzene-d5

Concen: 69.160 ng

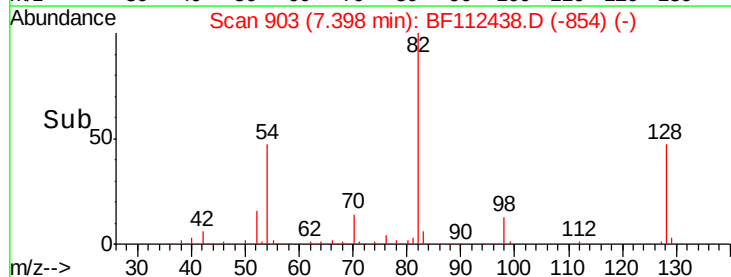
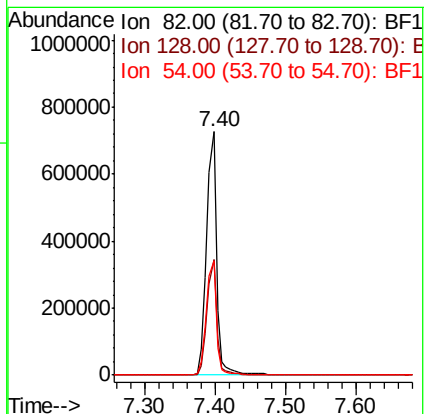
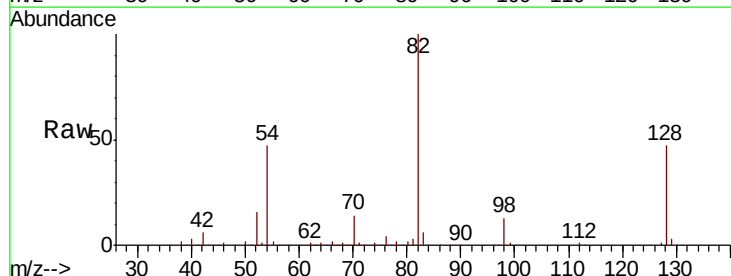
RT: 7.40 min Scan# 903

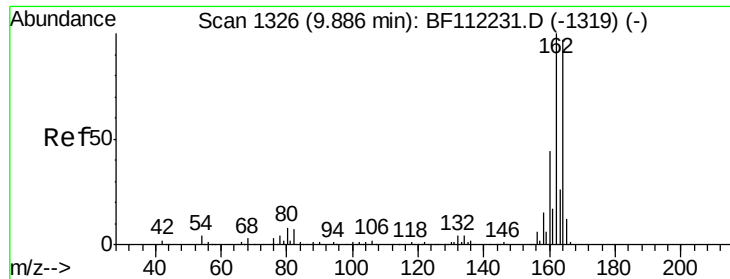
Delta R.T. -0.01 min

Lab File: BF112438.D

Acq: 7 Feb 2019 15:18

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	47.5	37.8	56.8
54	46.8	39.7	59.5





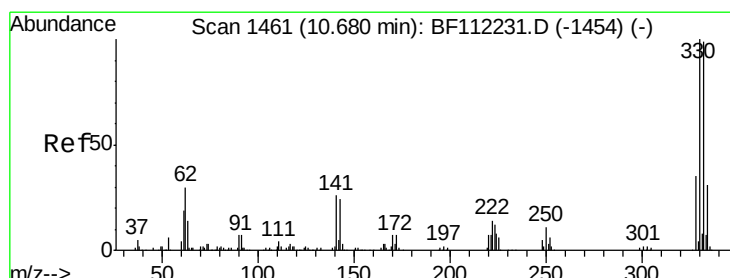
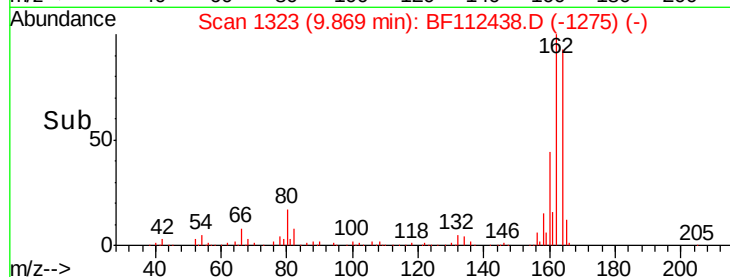
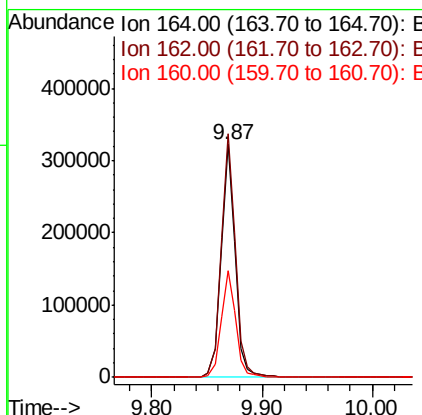
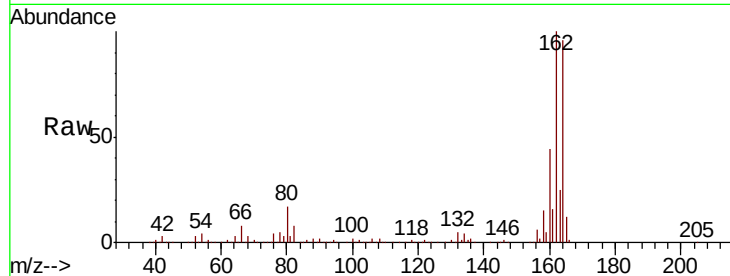
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112438.D
 Acq: 7 Feb 2019 15:18

Instrument :
 BNA_F
 ClientSampled :
 M-5S

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.2	123.4
160	46.1	36.2	54.4

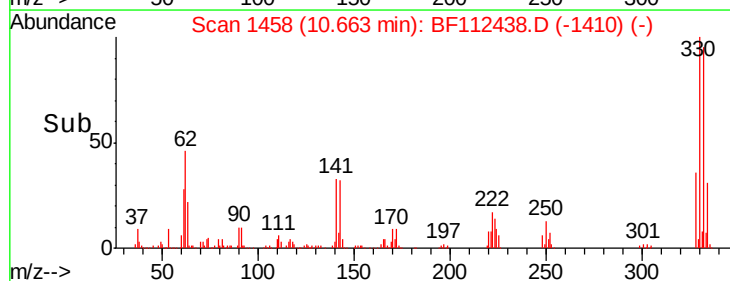
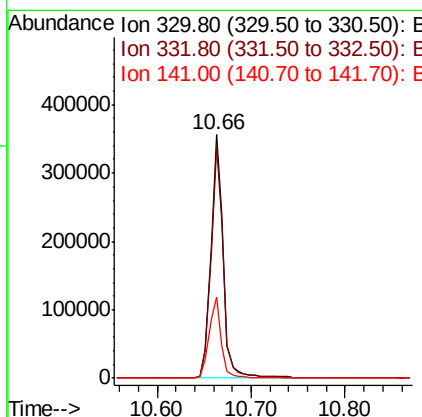
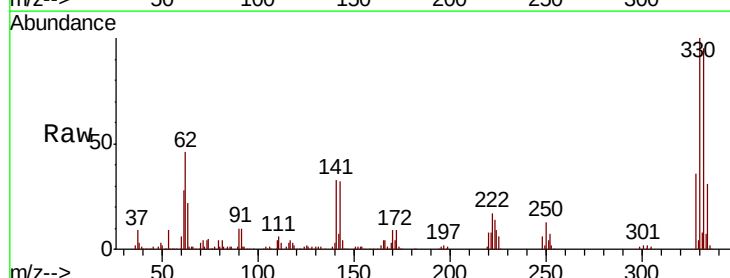
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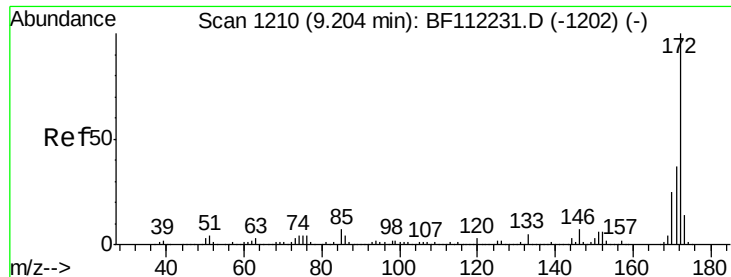
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#42
 2,4,6-Tribromophenol
 Concen: 99.817 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112438.D
 Acq: 7 Feb 2019 15:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	32.8	24.3	36.5





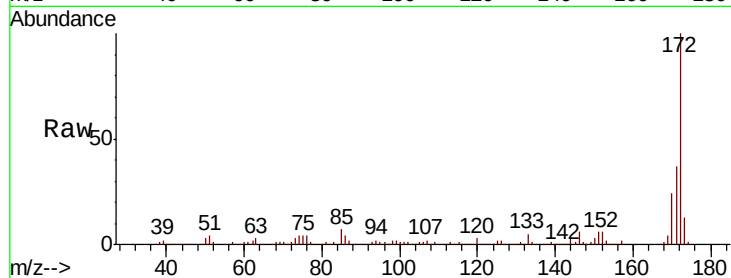
#45
2-Fluorobiphenyl
Concen: 65.353 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112438.D
Acq: 7 Feb 2019 15:18

Instrument :
BNA_F
ClientSampleId :
M-5S

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.2	20.2	30.4

Manual Integrations
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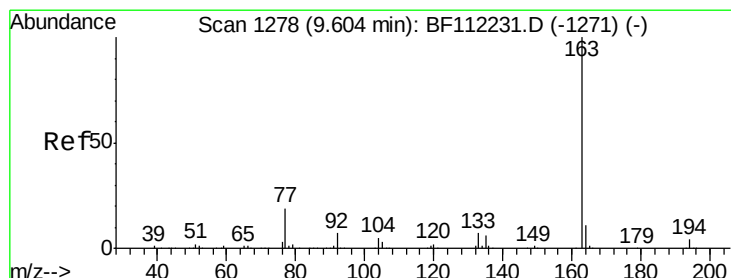
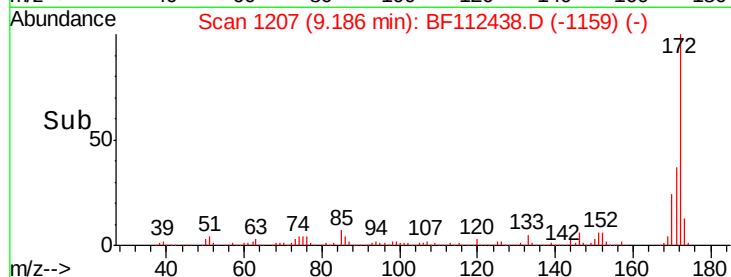
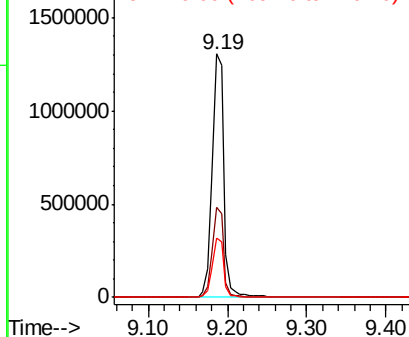


Abundance

Ion 172.00 (171.70 to 172.70): E

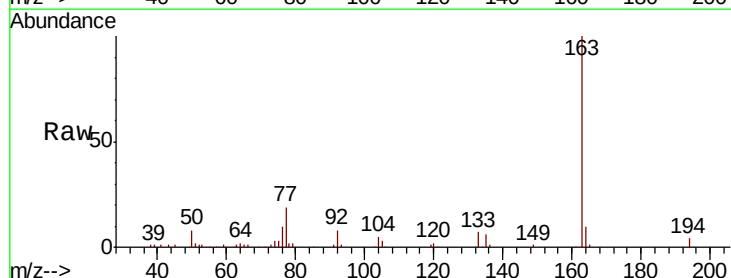
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.422 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112438.D
Acq: 7 Feb 2019 15:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.6	8.5	12.7

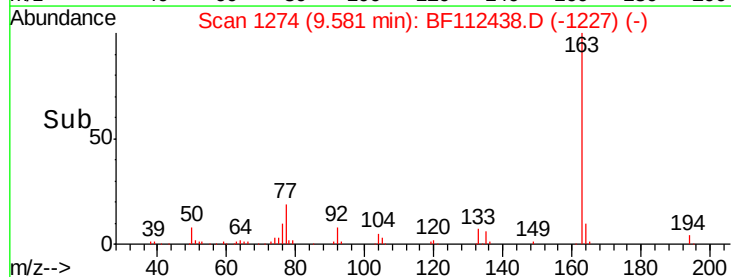
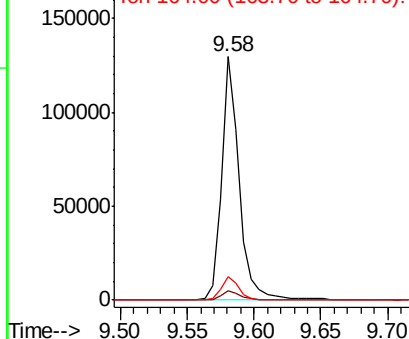


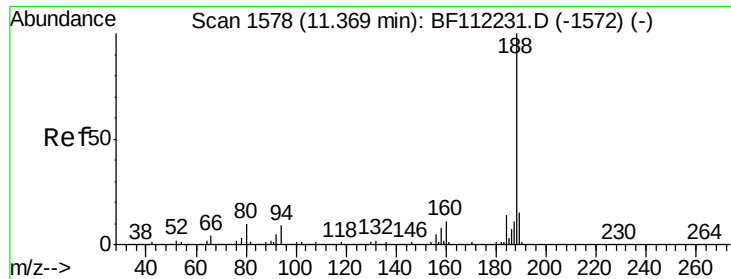
Abundance

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





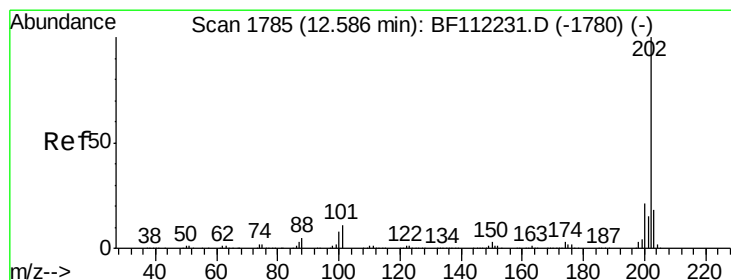
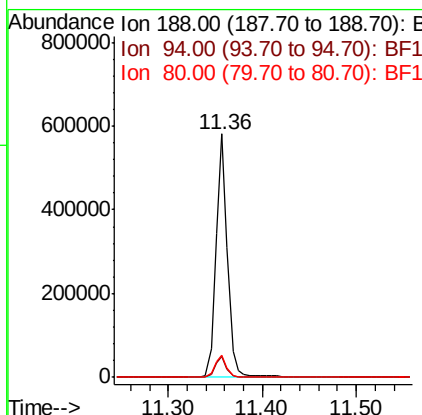
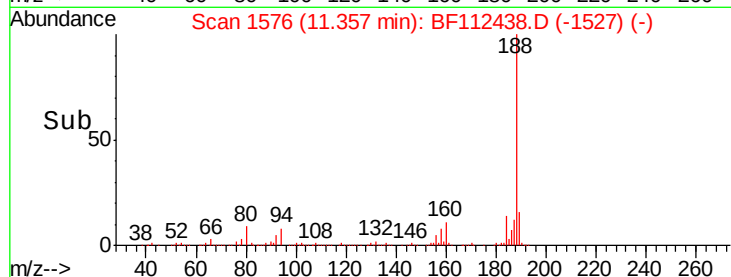
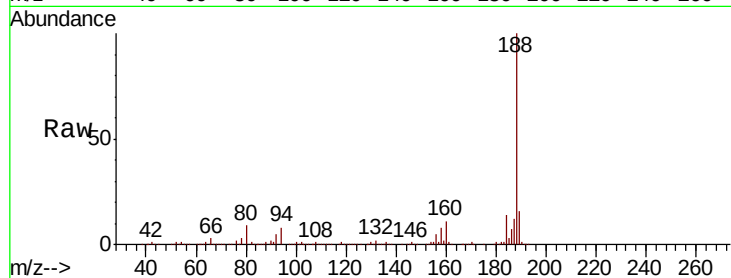
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112438.D
Acq: 7 Feb 2019 15:18

Instrument :
BNA_F
ClientSampleId :
M-5S

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	8.2	12.2
80	9.2	8.9	13.3

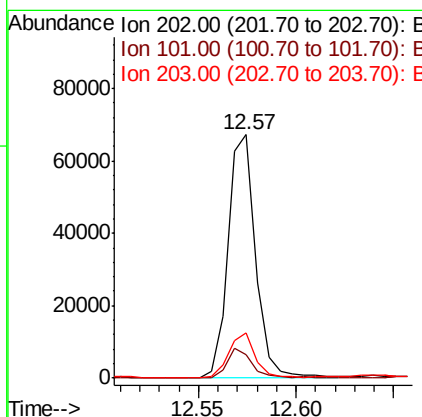
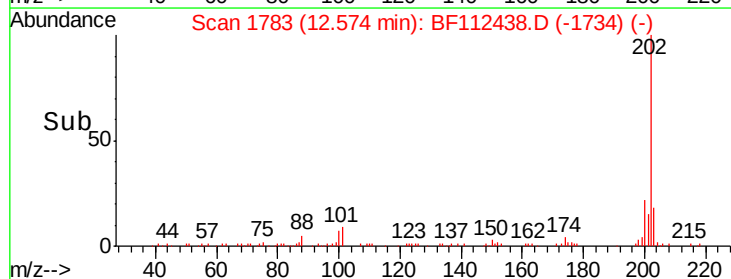
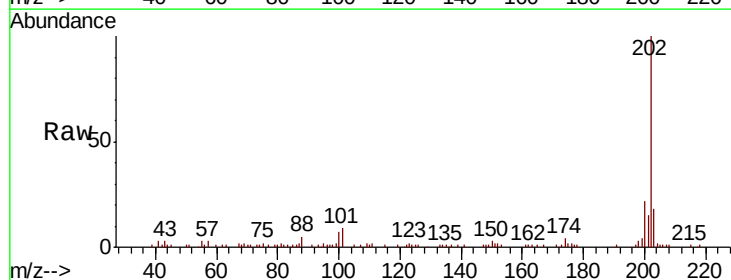
Manual Integrations
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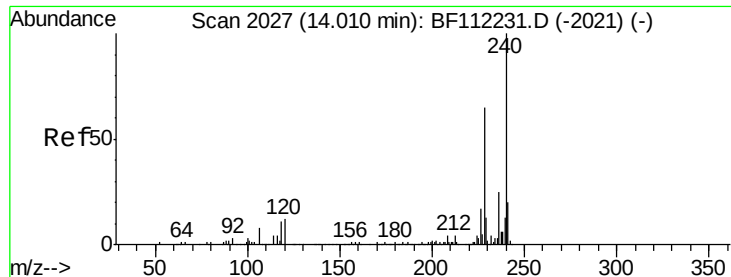
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#75
Fluoranthene
Concen: 2.342 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112438.D
Acq: 7 Feb 2019 15:18

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.4	0.0	31.8
203	18.3	0.0	38.4





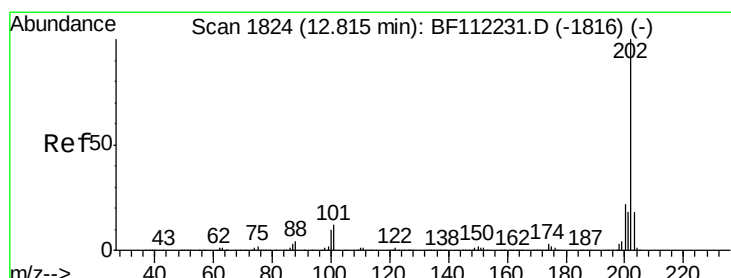
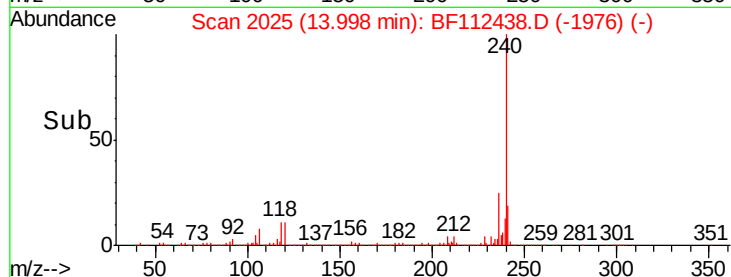
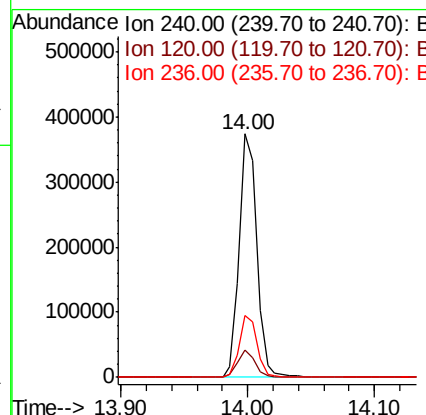
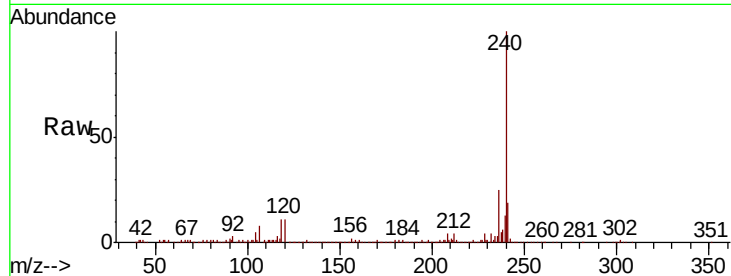
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112438.D
Acq: 7 Feb 2019 15:18

Instrument :
BNA_F
ClientSampled :
M-5S

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.0	13.6
236	25.3	20.7	31.1

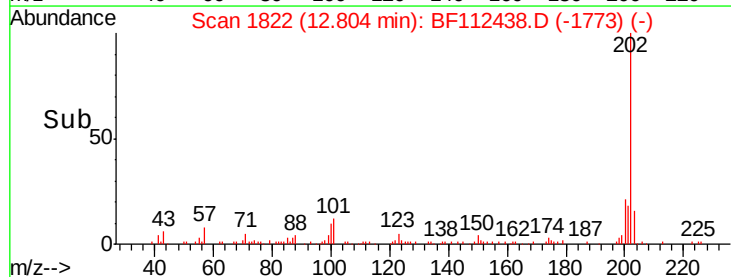
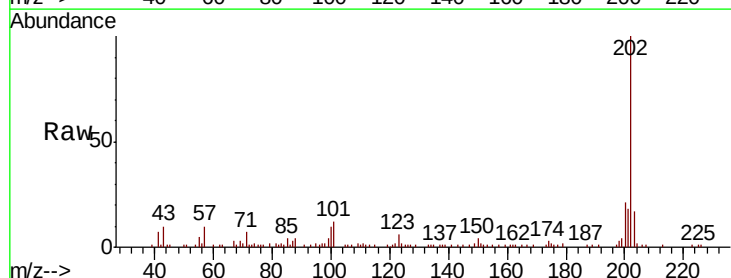
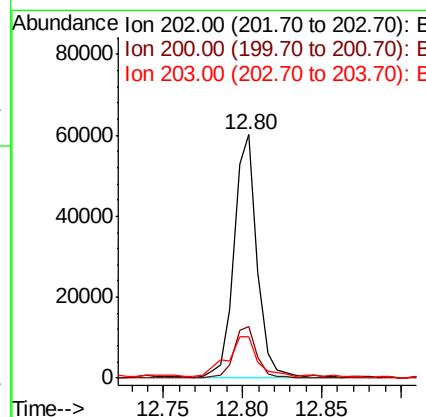
Manual Integrations
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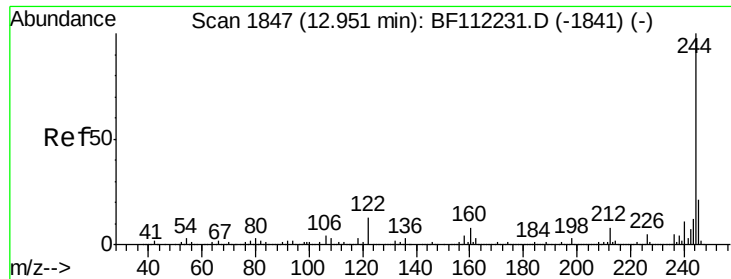
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#78
Pyrene
Concen: 2.481 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112438.D
Acq: 7 Feb 2019 15:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	17.0	14.6	22.0





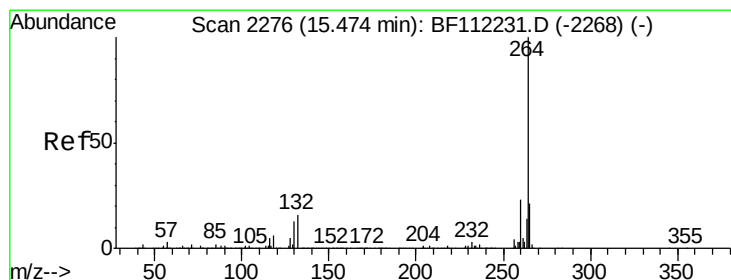
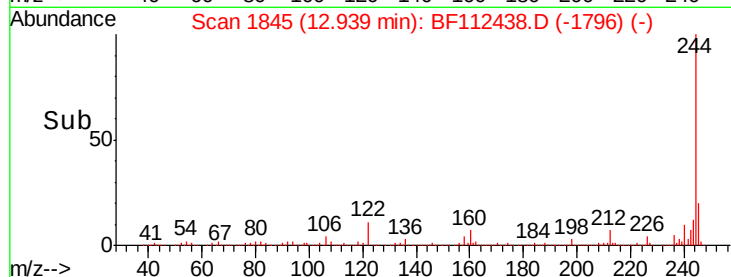
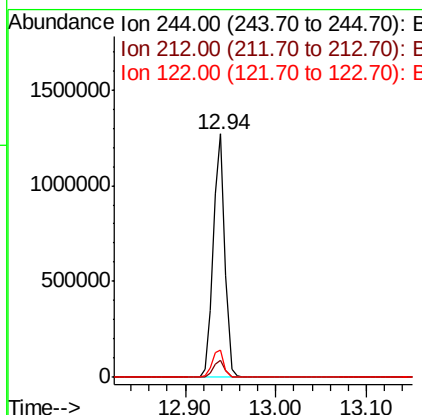
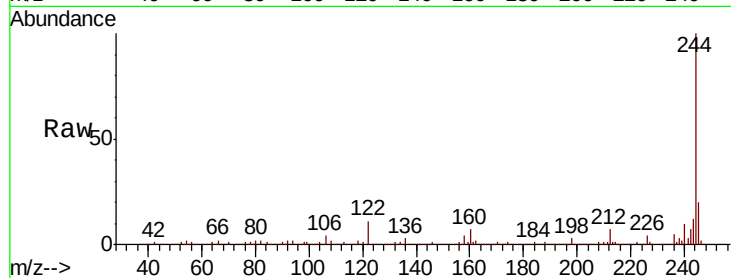
#79
 Terphenyl-d14
 Concen: 60.211 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112438.D
 Acq: 7 Feb 2019 15:18

Instrument :
 BNA_F
 ClientSampleId :
 M-5S

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.3	9.8	14.6

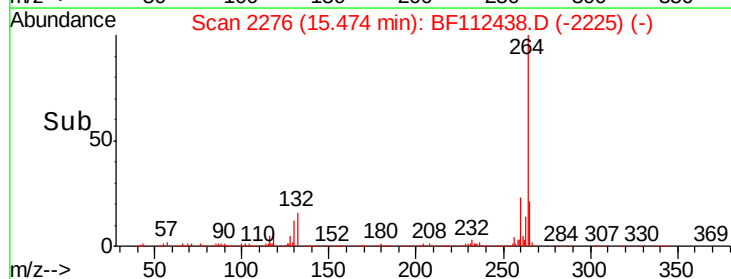
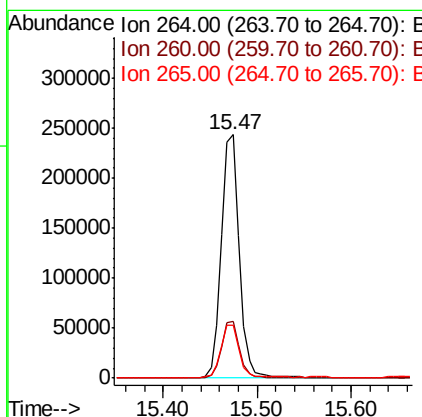
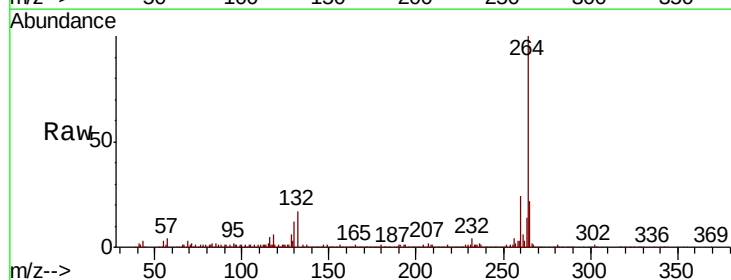
Manual Integrations
 APPROVED

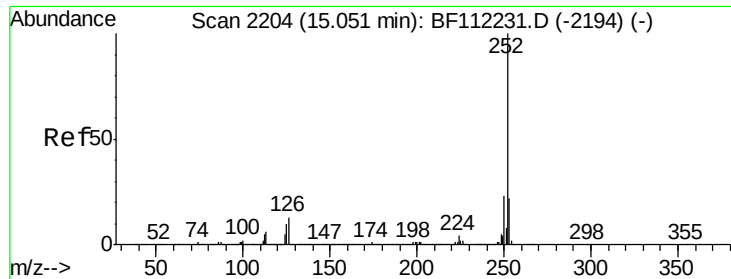
Sohil
 2/11/2019 4:49:58 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112438.D
 Acq: 7 Feb 2019 15:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	21.6	17.0	25.4





#88
 Benzo(b)fluoranthene
 Concen: 2.226 ng/ml
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF112438.D
 Acq: 7 Feb 2019 15:18

Instrument :
 BNA_F
 ClientSampleId :
 M-5S

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.0	27.0
125	16.6	8.7	13.1

Manual Integrations
 APPROVED

Sohil
 2/11/2019 4:49:58 PM

