

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
 Data File : BF112585.D
 Acq On : 15 Feb 2019 18:14
 Operator : JU/SJ
 Sample : K1484-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-2-S

Manual Integrations
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Sohil
 2/18/2019 12:06:31 PM

Quant Time: Feb 16 00:48:57 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	84838	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	336879	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	175459	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	362821	20.00	ng	0.00
76) Chrysene-d12	14.01	240	306643	20.00	ng	0.00
87) Perylene-d12	15.49	264	260227	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	450046	112.68	ng	-0.01
7) Phenol-d6	6.48	99	569008	102.52	ng	-0.01
23) Nitrobenzene-d5	7.39	82	363265	62.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	211298	103.46	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	771157	62.16	ng	-0.02
79) Terphenyl-d14	12.94	244	961330	59.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	37990	2.787	ng	Qvalue 97
75) Fluoranthene	12.58	202	96369	4.763	ng	97
78) Pyrene	12.81	202	90380	4.257	ng	96
81) Benzo(a)anthracene	14.00	228	51337	2.848	ng	99
83) Chrysene	14.04	228	44224	2.570	ng	96
86) Indeno(1,2,3-cd)pyrene	16.99	276	29193	2.141	ng	96
88) Benzo(b)fluoranthene	15.06	252	62301m	4.003	ng	
90) Benzo(a)pyrene	15.43	252	43029	3.073	ng	# 95
92) Benzo(g,h,i)perylene	17.46	276	28162	2.645	ng	98

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

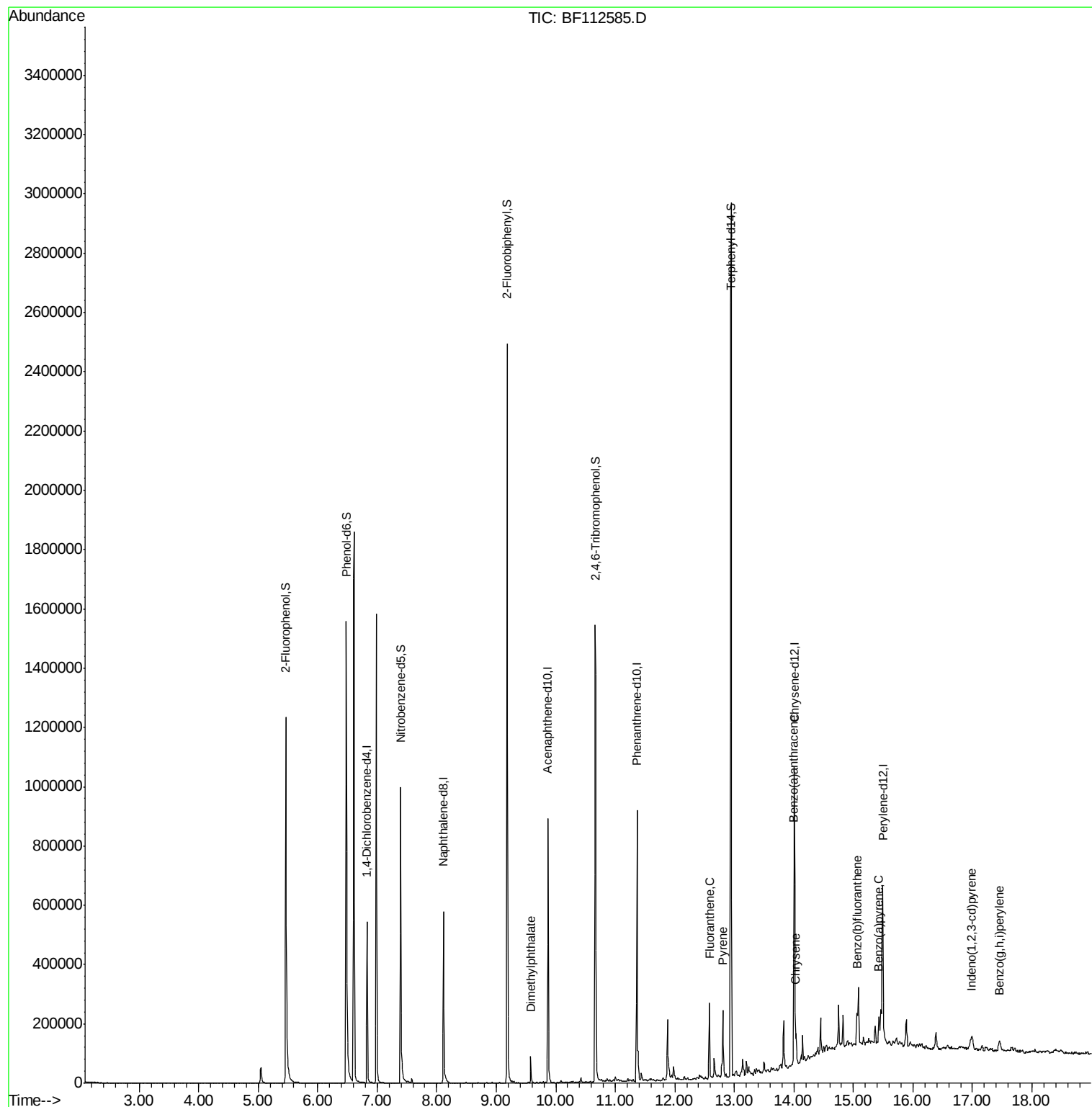
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
Data File : BF112585.D
Acq On : 15 Feb 2019 18:14
Operator : JU/SJ
Sample : K1484-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

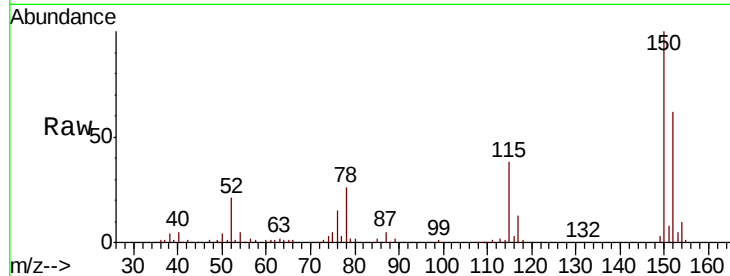
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112585.D
Acq: 15 Feb 2019 18:14

Instrument :
BNA_F
ClientSampled :
M-2-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	127.4	191.0
115	60.6	45.5	68.3

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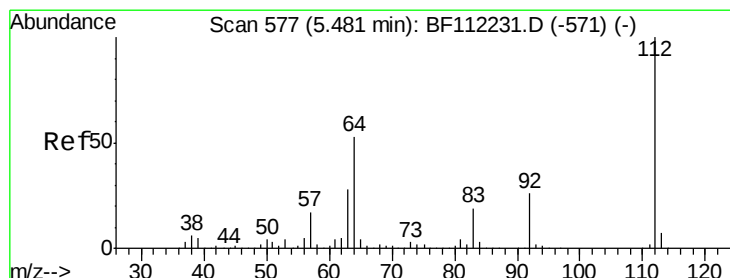
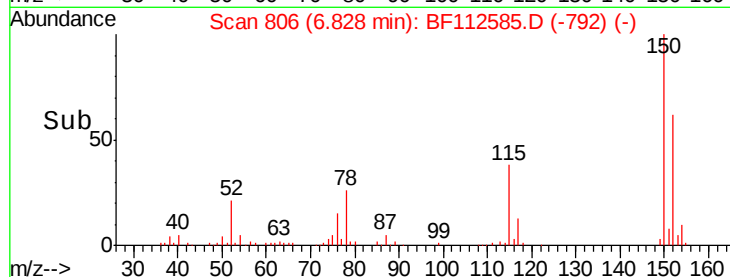
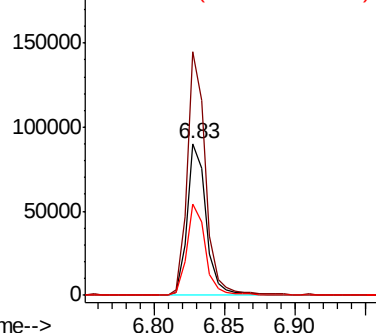


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

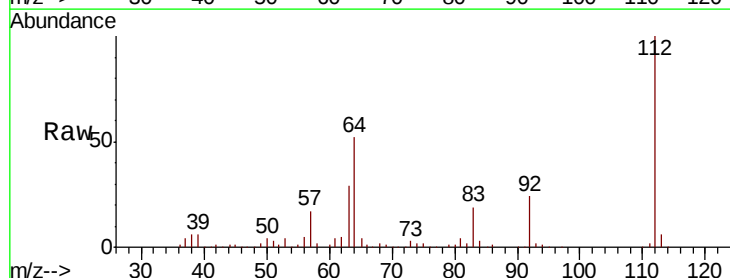
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.677 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112585.D
Acq: 15 Feb 2019 18:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	45.7	68.5
63	29.5	23.6	35.4

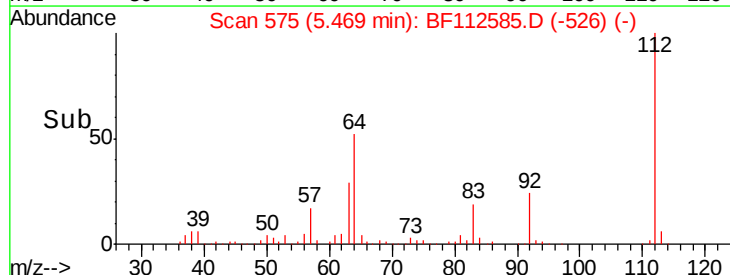
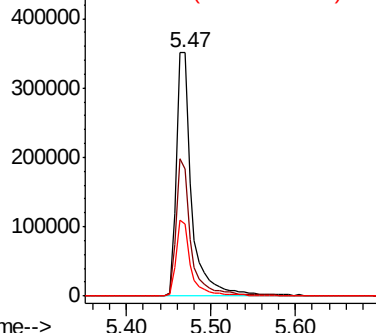


Abundance

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: 102.523 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112585.D

Acq: 15 Feb 2019 18:14

Instrument :

BNA_F

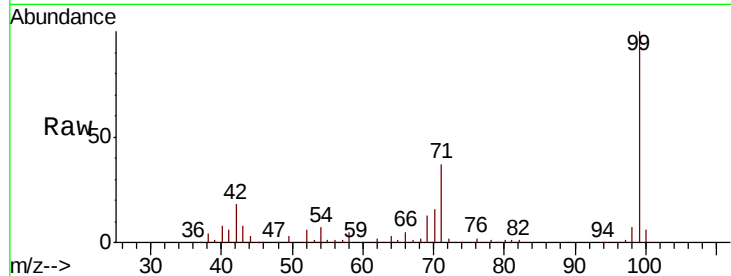
ClientSampled :

M-2-S

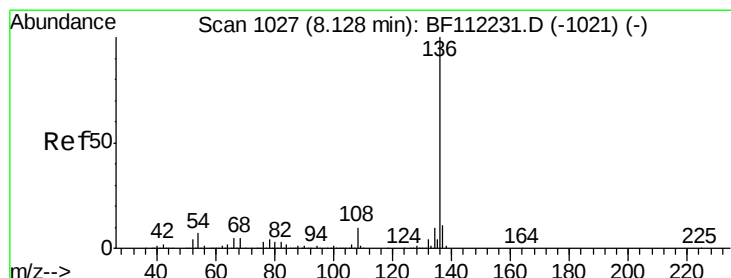
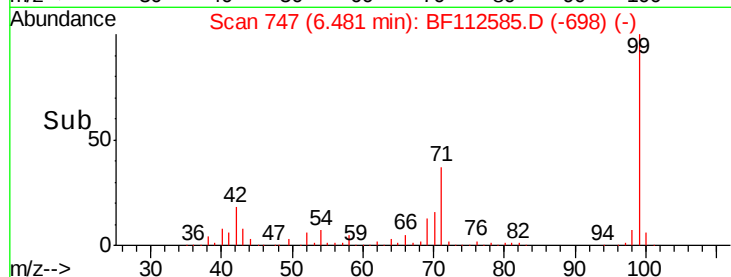
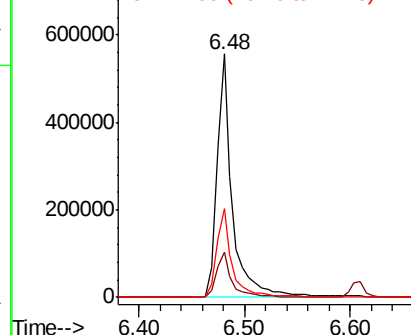
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		569008		
42	18.4	15.1	22.7		
71	36.6	26.9	40.3		

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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



#21

Naphthalene-d8

Concen: 20.000 ng

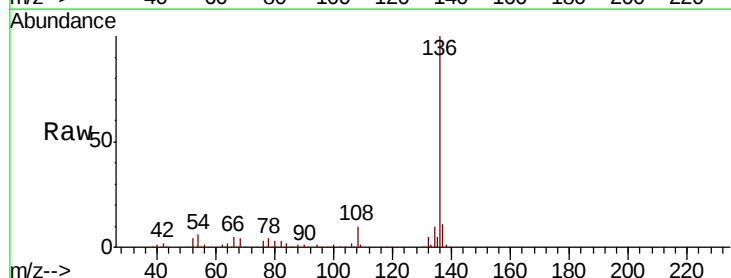
RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

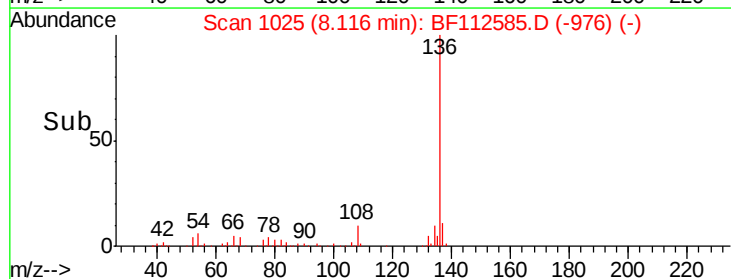
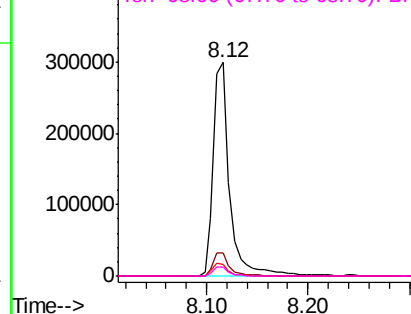
Lab File: BF112585.D

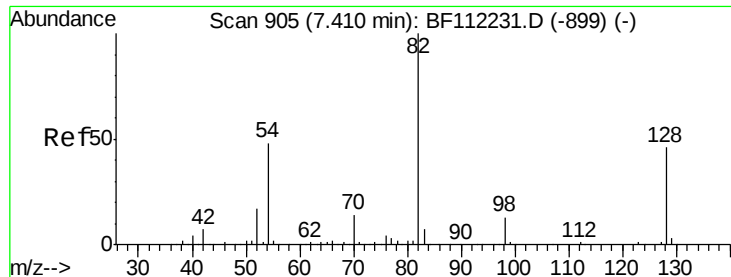
Acq: 15 Feb 2019 18:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		336879		
137	10.5	9.1	13.7		
54	5.7	5.9	8.9#		
68	4.0	5.1	7.7#		



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





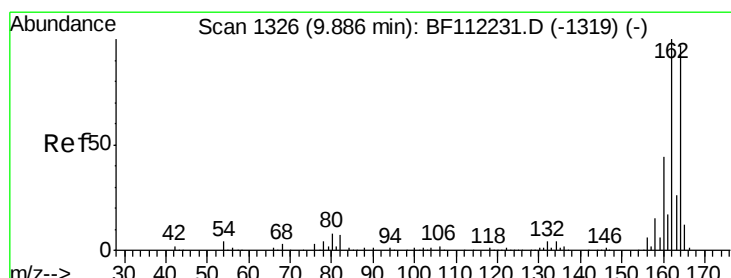
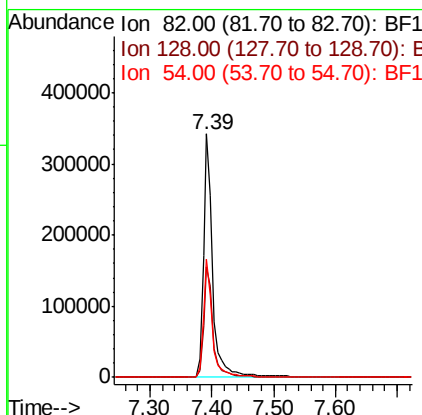
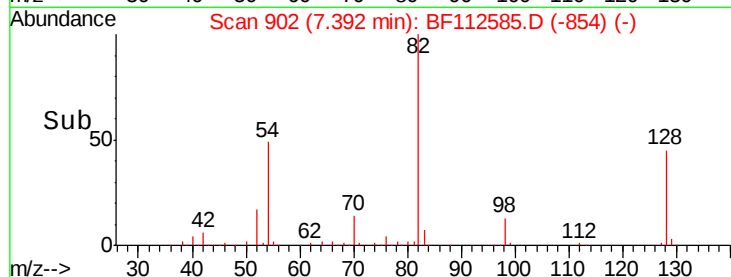
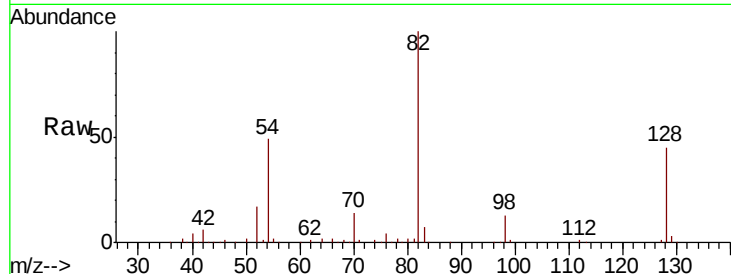
#23
 Nitrobenzene-d5
 Concen: 62.133 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112585.D
 Acq: 15 Feb 2019 18:14

Instrument :
 BNA_F
 ClientSampled :
 M-2-S

Tot Ion	82	Resp	363265
Ion Ratio	100	Lower	Upper
128	45.2	37.8	56.8
54	48.5	39.7	59.5

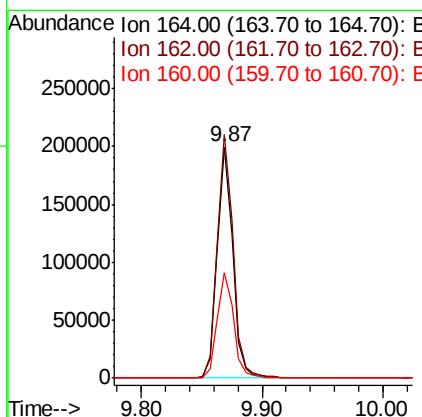
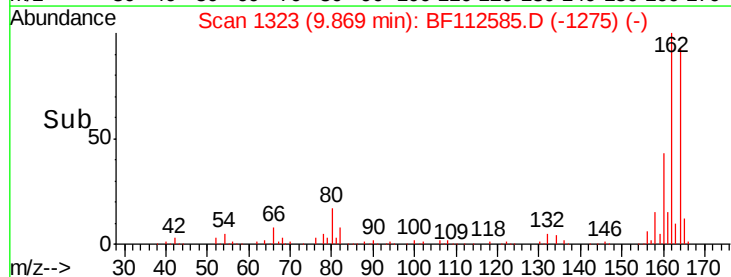
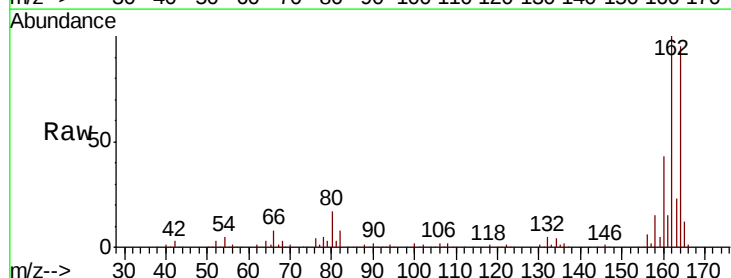
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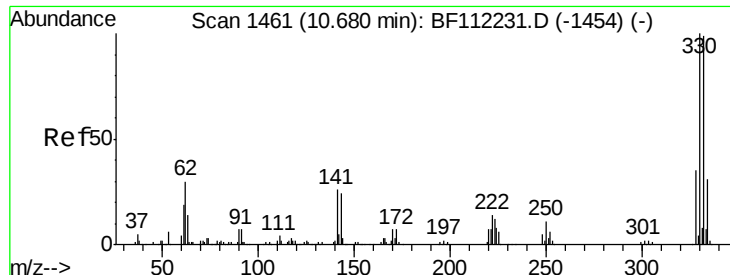
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112585.D
 Acq: 15 Feb 2019 18:14

Tgt Ion	164	Resp	175459
Ion Ratio	100	Lower	Upper
162	105.5	82.2	123.4
160	45.4	36.2	54.4





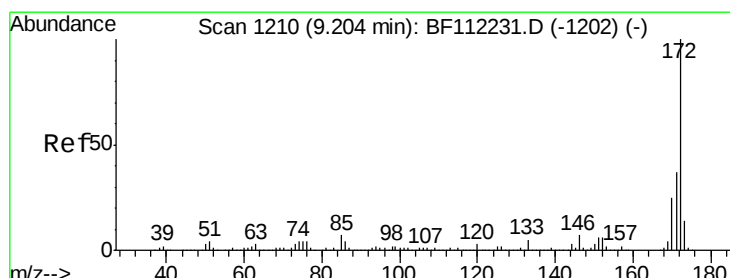
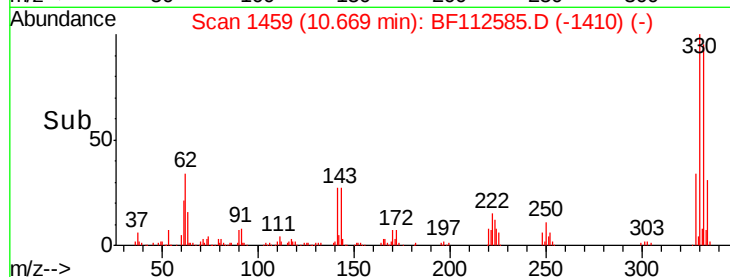
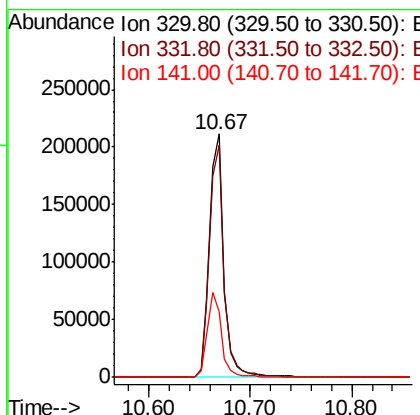
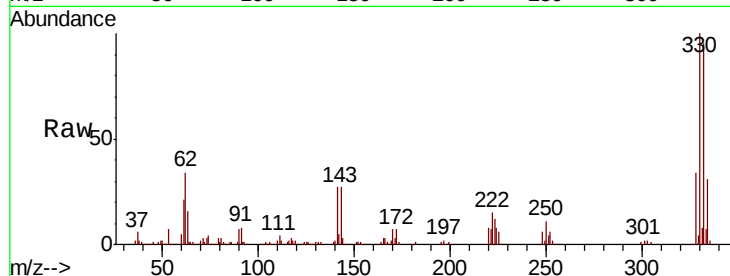
#42
 2,4,6-Tribromophenol
 Concen: 103.461 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112585.D
 Acq: 15 Feb 2019 18:14

Instrument :
 BNA_F
 ClientSampled :
 M-2-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	211298		
332	95.9	76.6	114.8	
141	34.0	24.3	36.5	

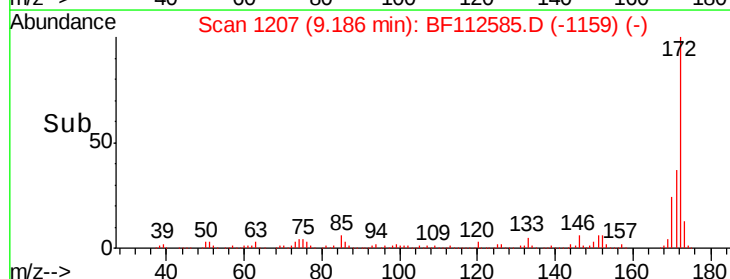
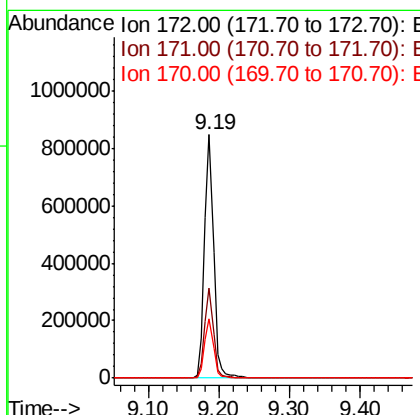
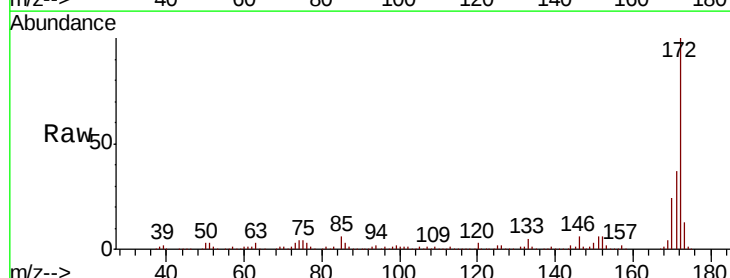
Manual Integrations
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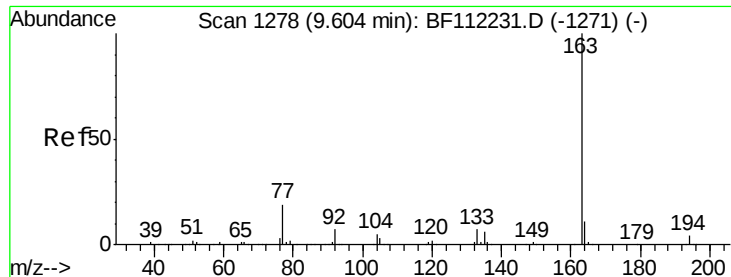
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#45
 2-Fluorobiphenyl
 Concen: 62.161 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112585.D
 Acq: 15 Feb 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	771157		
171	37.0	30.5	45.7	
170	24.4	20.2	30.4	





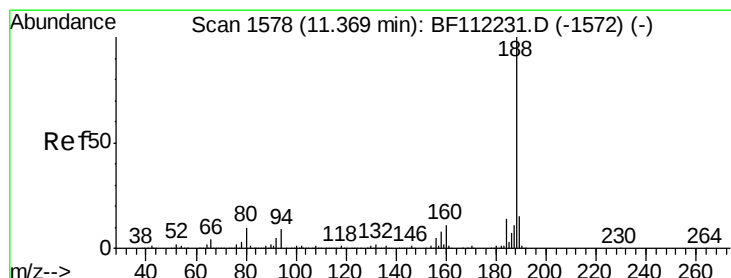
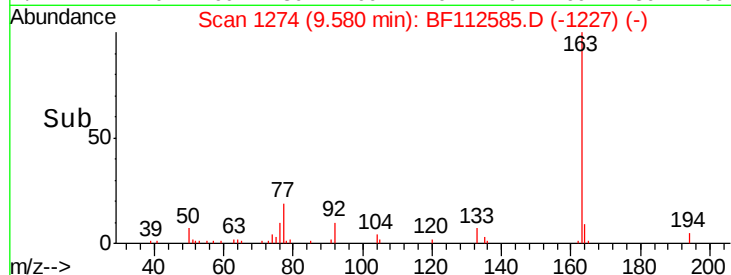
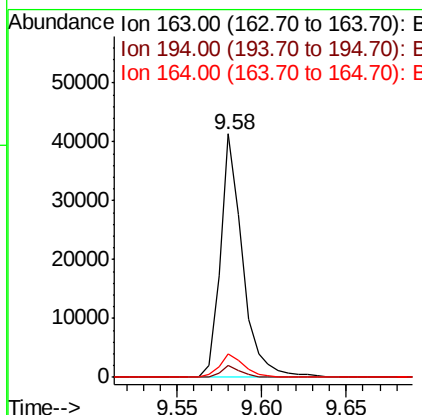
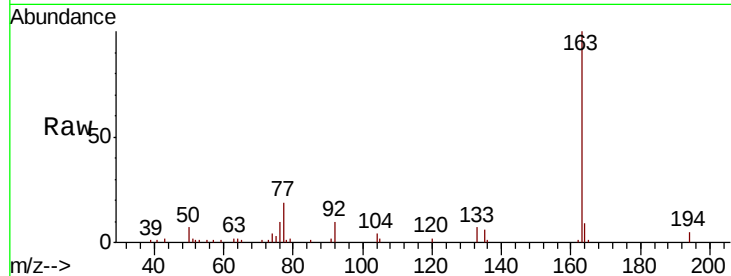
#50
Dimethylphthalate
Concen: 2.787 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112585.D
Acq: 15 Feb 2019 18:14

Instrument :
BNA_F
ClientSampled :
M-2-S

Tot Ion	Ratio	Resp	Lower	Upper
163	100	37990		
194	4.8		3.3	4.9
164	9.4		8.5	12.7

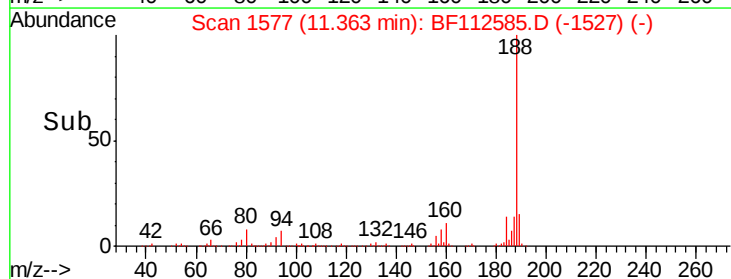
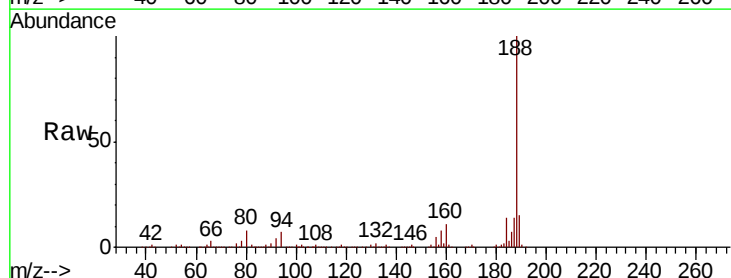
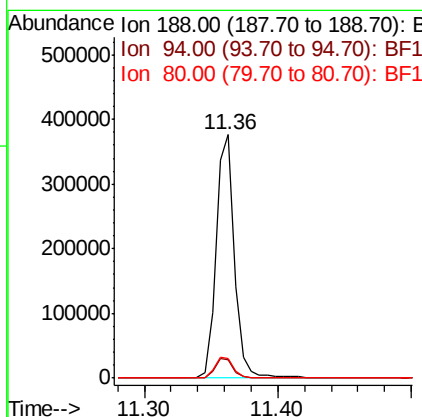
Manual Integrations
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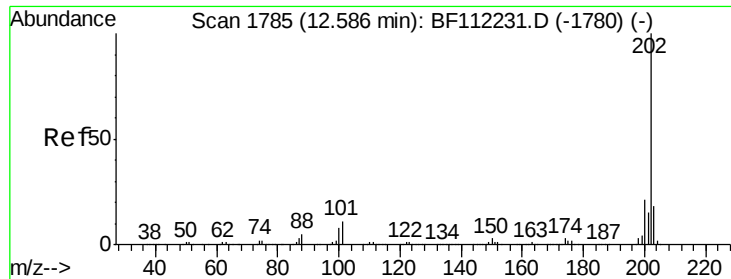
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112585.D
Acq: 15 Feb 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	362821		
94	7.4		8.2	12.2#
80	7.9		8.9	13.3#





#75

Fluoranthene

Concen: 4.763 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112585.D

Acq: 15 Feb 2019 18:14

Instrument :

BNA_F

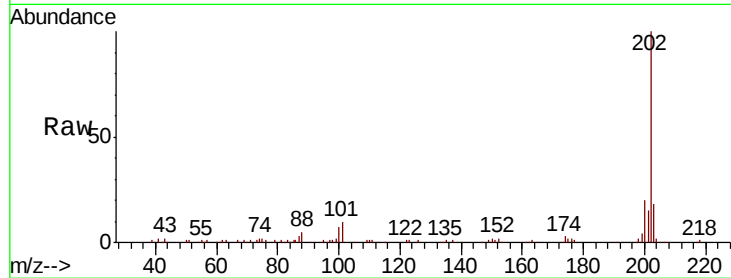
ClientSampleId :

M-2-S

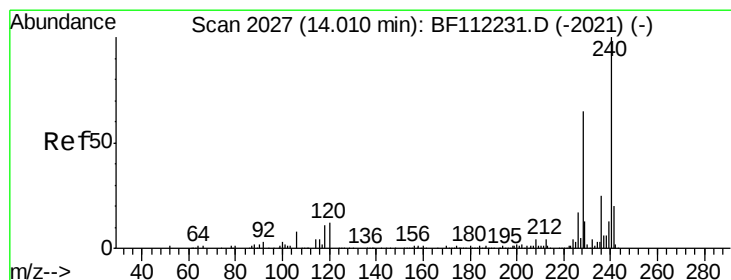
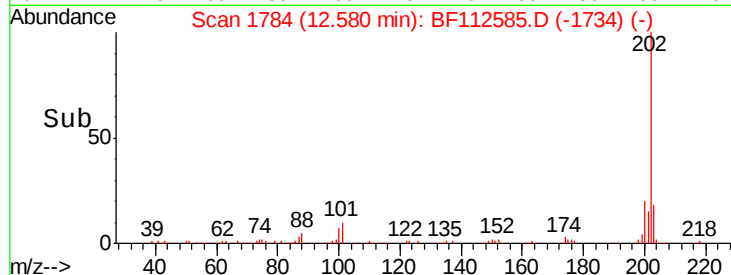
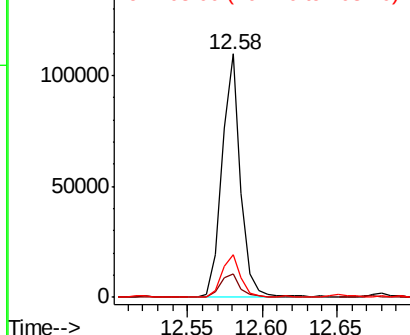
Tot Ion:	202	Resp:	96369
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	31.8
203	17.6	0.0	38.4

Manual Integrations
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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: 14.01 min Scan# 2027

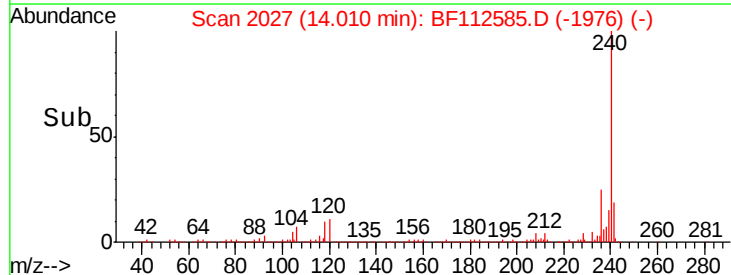
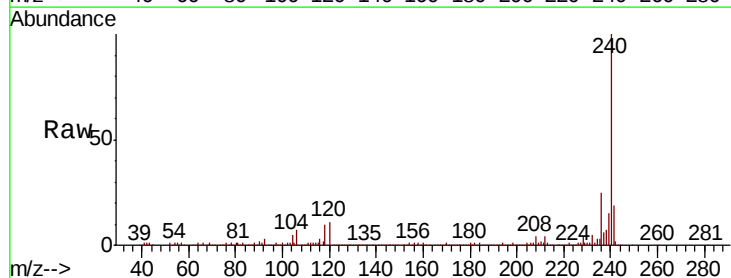
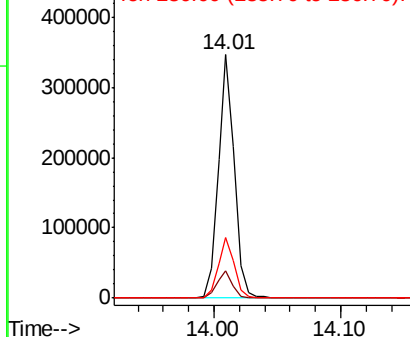
Delta R.T. 0.00 min

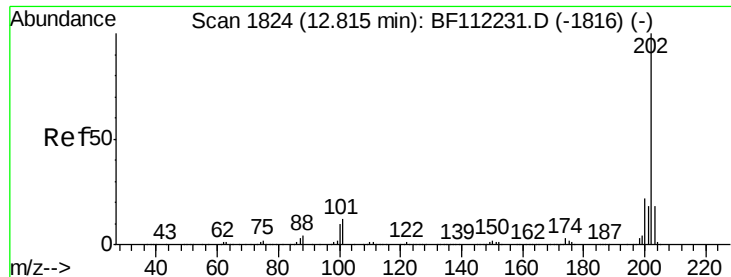
Lab File: BF112585.D

Acq: 15 Feb 2019 18:14

Tgt Ion:	240	Resp:	306643
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.0	13.6
236	25.0	20.7	31.1

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





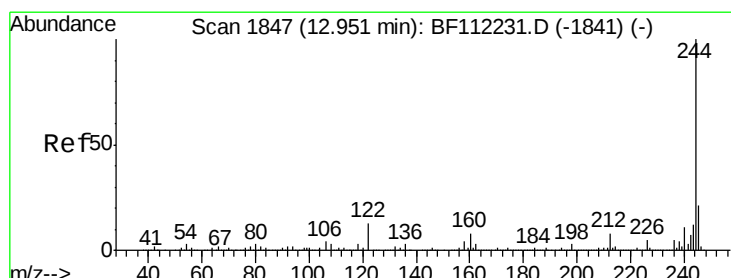
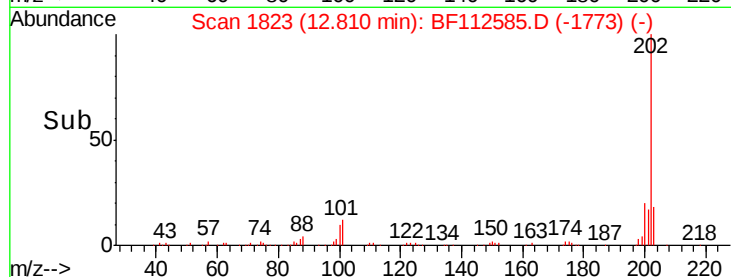
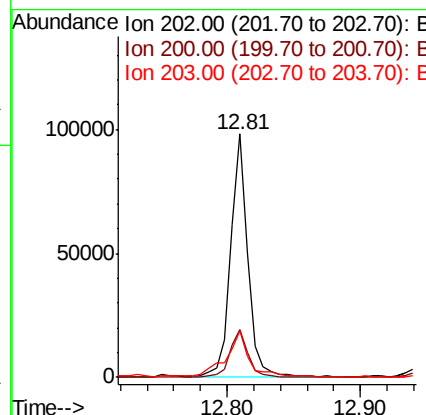
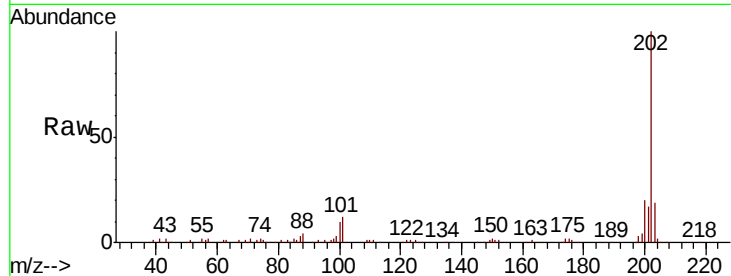
#78
Pvrene
Concen: 4.257 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112585.D
Acq: 15 Feb 2019 18:14

Instrument :
BNA_F
ClientSampled :
M-2-S

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.7	26.5
203	19.0	14.6	22.0

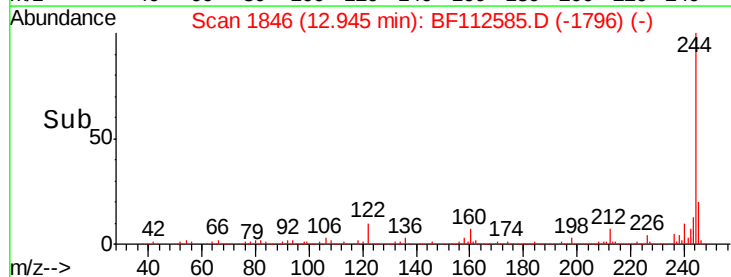
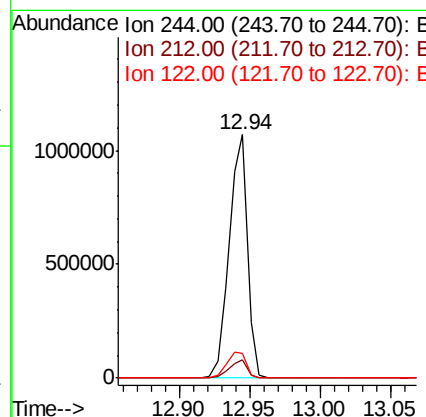
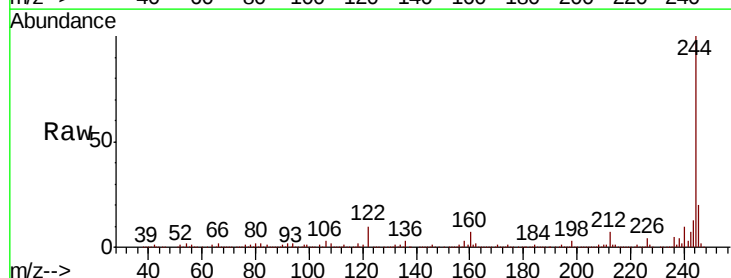
Manual Integrations
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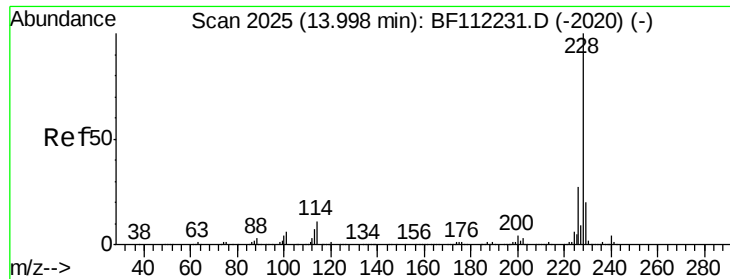
Sohil
2/18/2019 12:06:31 PM



#79
Terphenyl-d14
Concen: 59.046 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112585.D
Acq: 15 Feb 2019 18:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.3	9.8	14.6





#81

Benzo(a)anthracene

Concen: 2.848 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112585.D

Acq: 15 Feb 2019 18:14

Instrument :

BNA_F

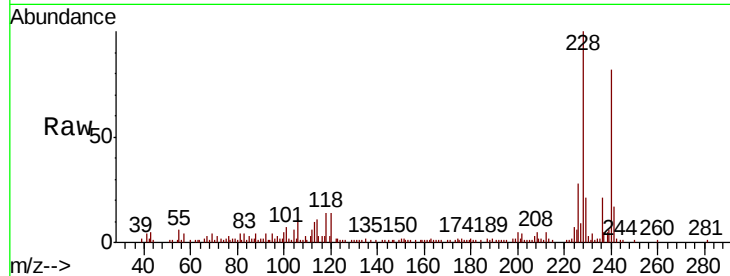
ClientSampled :

M-2-S

Tot Ion:	228	Resp:	51337
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	34.0
229	21.4	16.5	24.7

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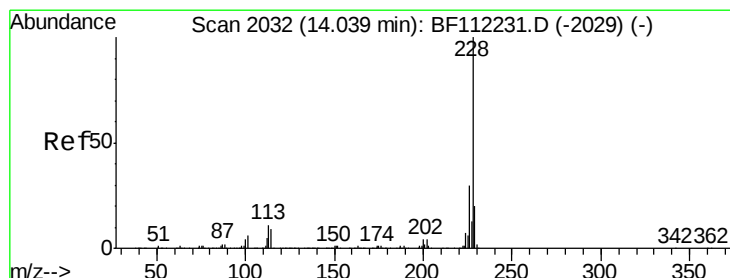
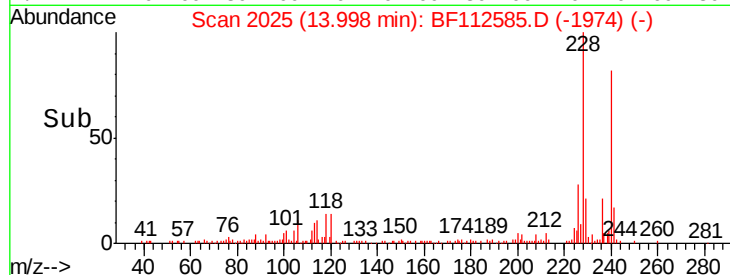
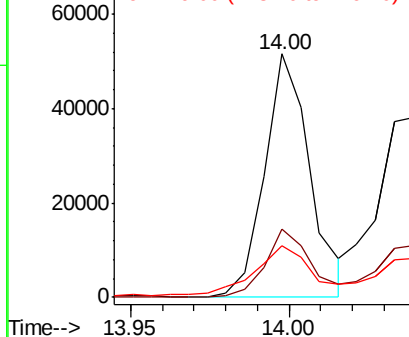


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 2.570 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF112585.D

Acq: 15 Feb 2019 18:14

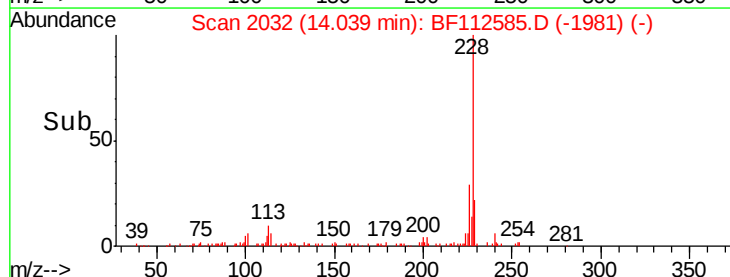
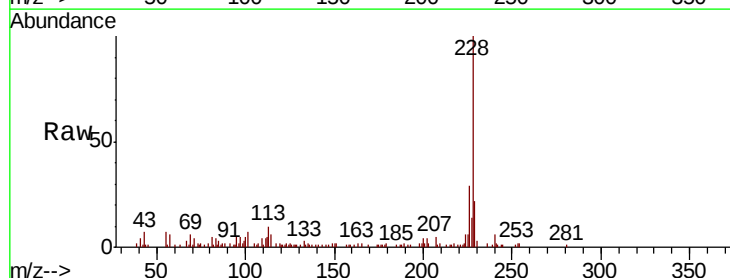
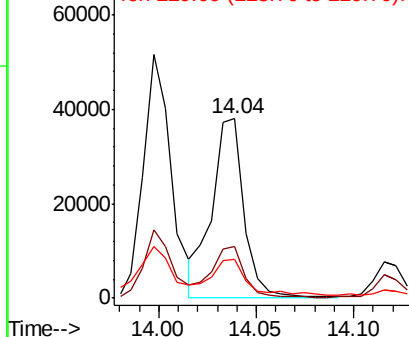
Tgt Ion:	228	Resp:	44224
Ion Ratio	Lower	Upper	
228	100		
226	28.6	25.0	37.6
229	21.7	16.6	24.8

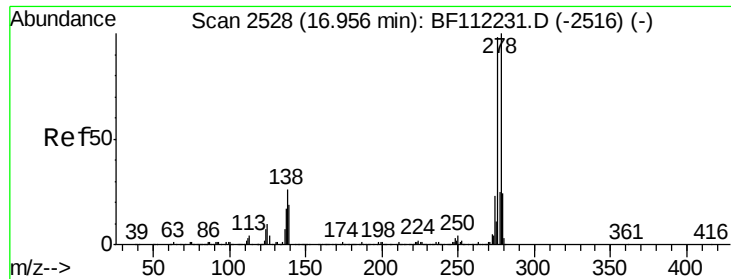
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





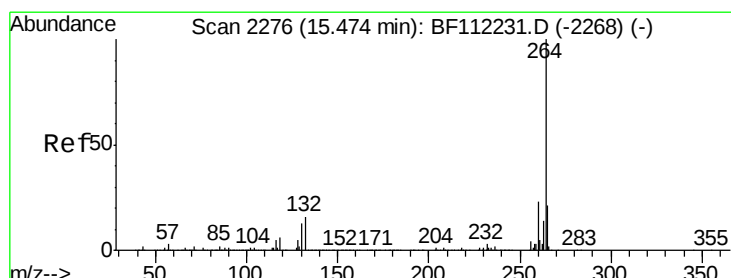
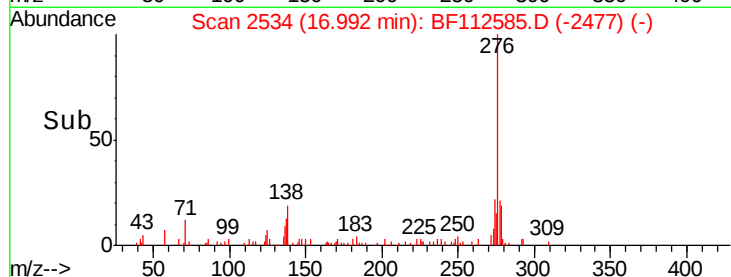
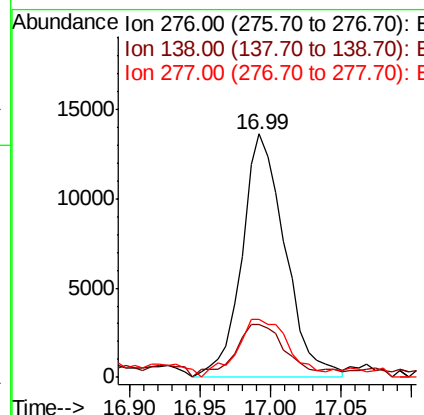
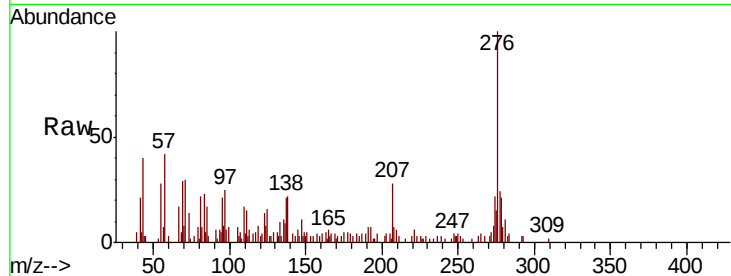
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.141 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.04 min
Lab File: BF112585.D
Acq: 15 Feb 2019 18:14

Instrument :
BNA_F
ClientSampleId :
M-2-S

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	22.6	34.0
277	28.7	20.3	30.5

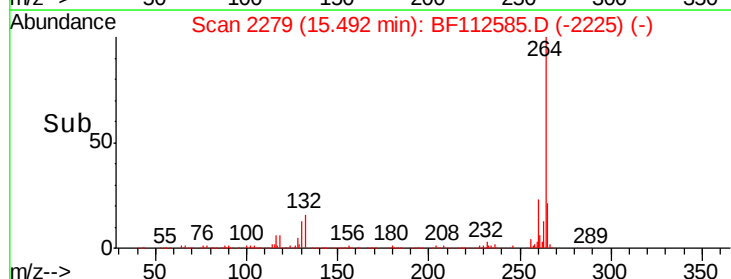
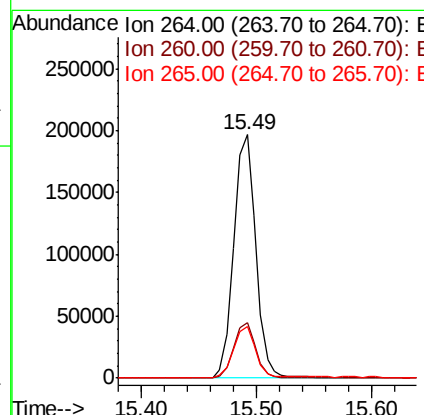
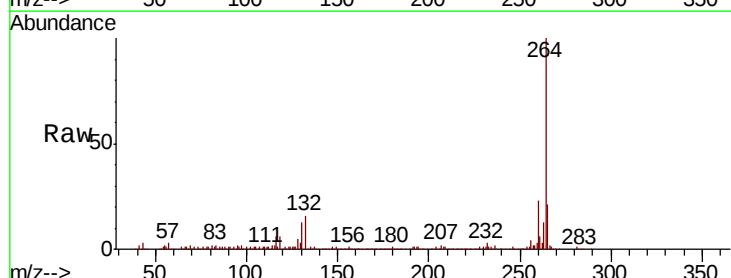
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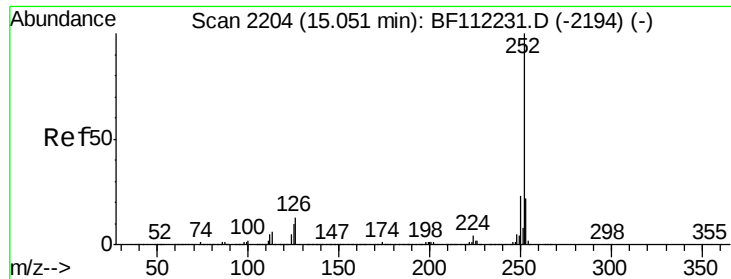
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF112585.D
Acq: 15 Feb 2019 18:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	21.3	17.0	25.4





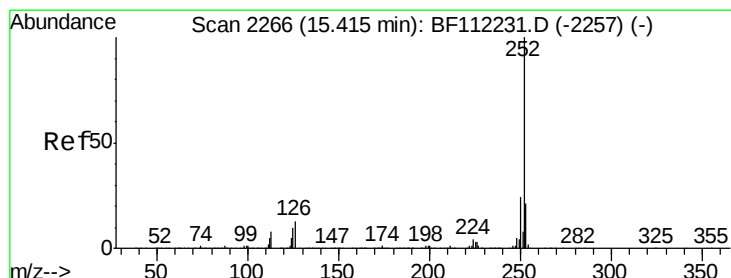
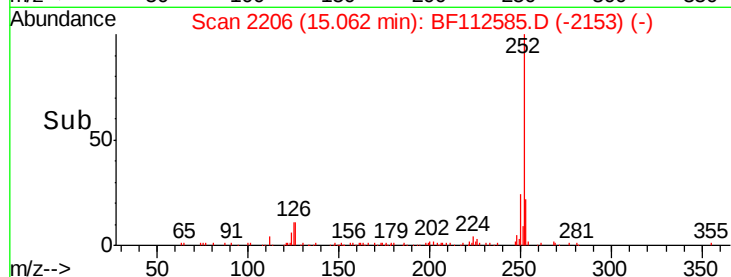
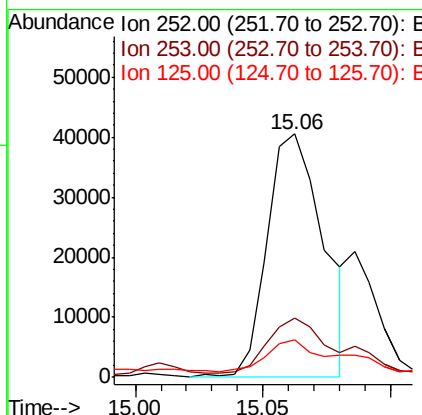
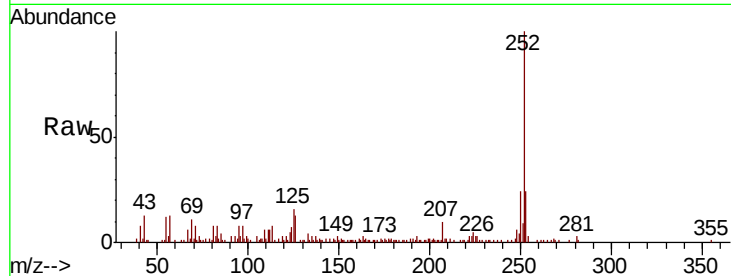
#88
Benzo(b)fluoranthene
Concen: 4.003 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF112585.D
Acq: 15 Feb 2019 18:14

Instrument :
BNA_F
ClientSampled :
M-2-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	15.6	8.7	13.1

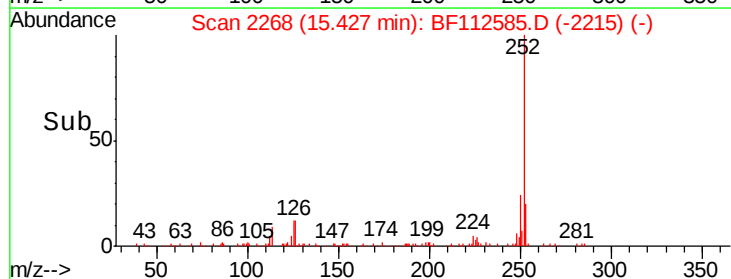
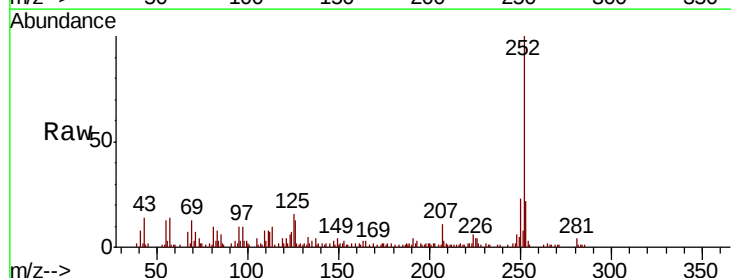
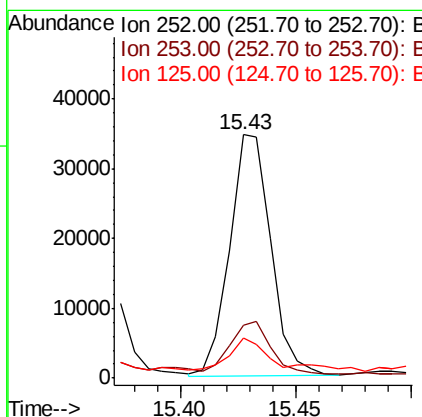
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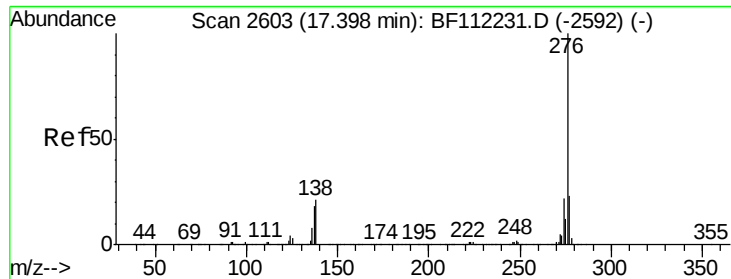
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#90
Benzo(a)pyrene
Concen: 3.073 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF112585.D
Acq: 15 Feb 2019 18:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	16.2	9.0	13.4





#92
 Benzo(a,h,i)perylene
 Concen: 2.645 ng
 RT: 17.46 min Scan# 2613
 Delta R.T. 0.06 min
 Lab File: BF112585.D
 Acq: 15 Feb 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 M-2-S

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.4	29.0
138	23.3	19.1	28.7

Manual Integrations
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