

Data File : BF119272.D
Acq On : 7 Mar 2020 2:03
Operator : CG/JU
Sample : L1804-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20C093-20C006

Quant Time: Mar 09 04:04:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

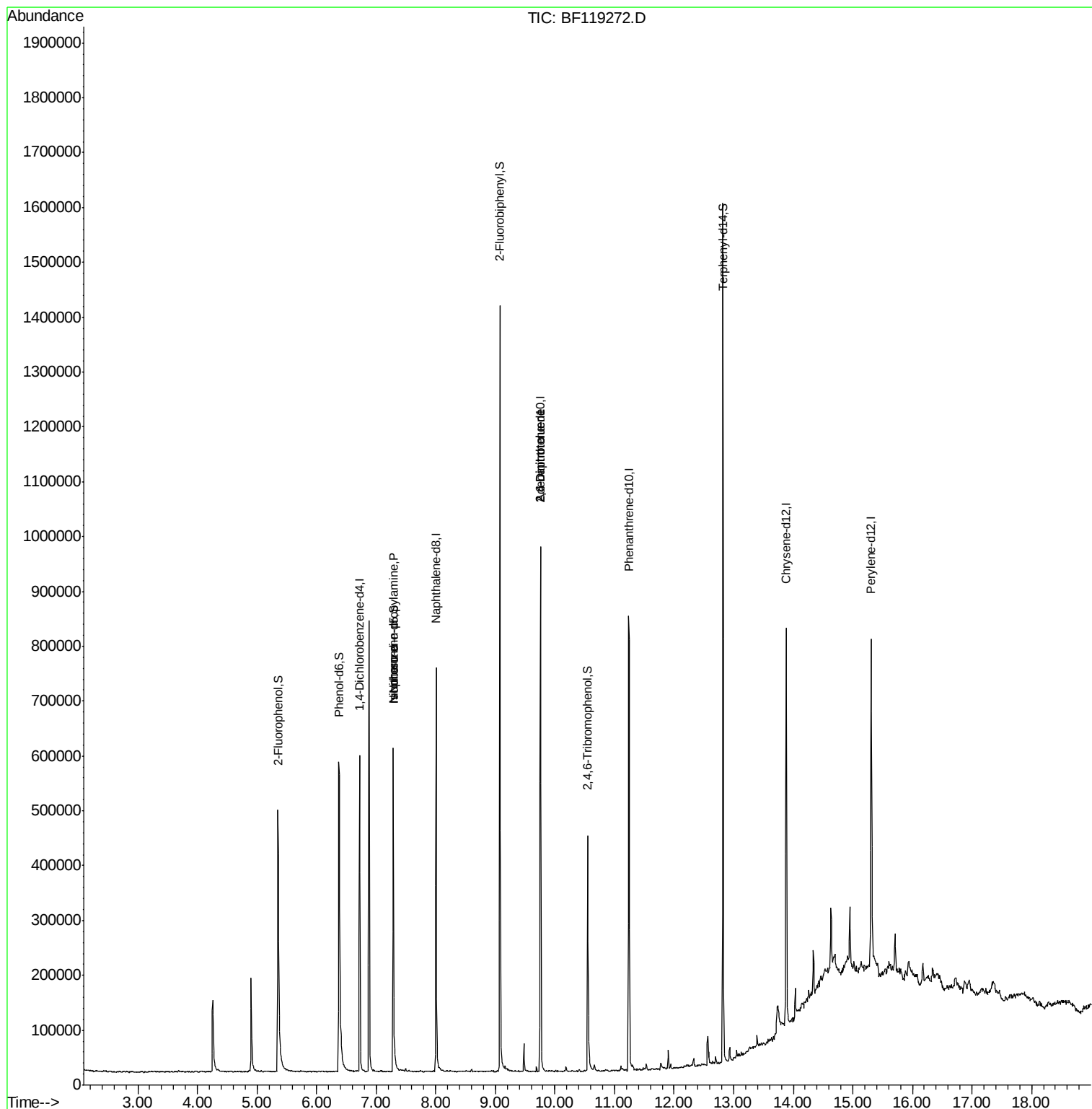
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	87654	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	342590	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	192023	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	348619	20.00	ng	0.00
76) Chrysene-d12	13.88	240	263224	20.00	ng	0.00
87) Perylene-d12	15.31	264	255646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	215226	41.03	ng	0.00
7) Phenol-d6	6.37	99	302124	47.36	ng	0.00
23) Nitrobenzene-d5	7.29	82	208149	32.08	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	69166	27.53	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	456226	35.00	ng	0.00
79) Terphenyl-d14	12.82	244	536416	35.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	27543	7.410	ng	# 74
25) Isophorone	7.29	82	208149	18.472	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	24706	7.573	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	24706	5.843	ng	# 21

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

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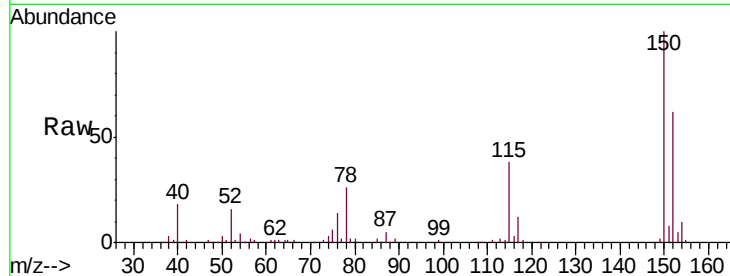


#1

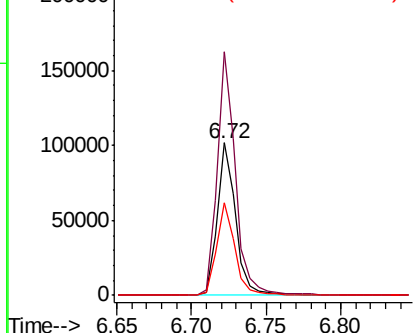
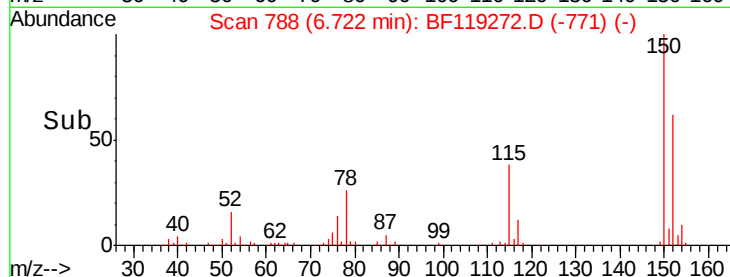
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF119272.D
 Acq: 7 Mar 2020 2:03

Instrument :
 BNA_F
 ClientSampleId :
 20C093-20C006

Tgt Ion:152 Resp: 87654
 Ion Ratio Lower Upper
 152 100
 150 160.0 123.0 184.6
 115 60.7 49.5 74.3



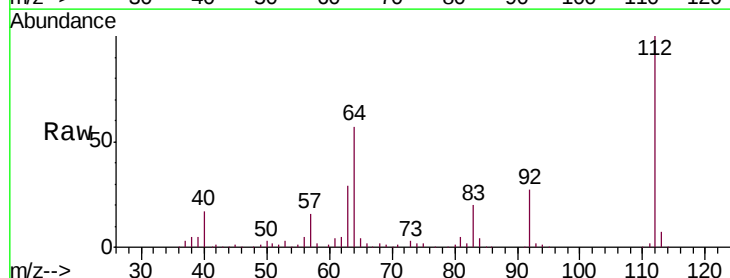
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



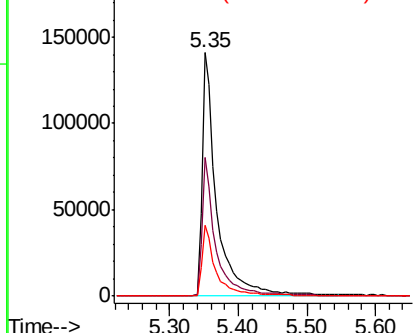
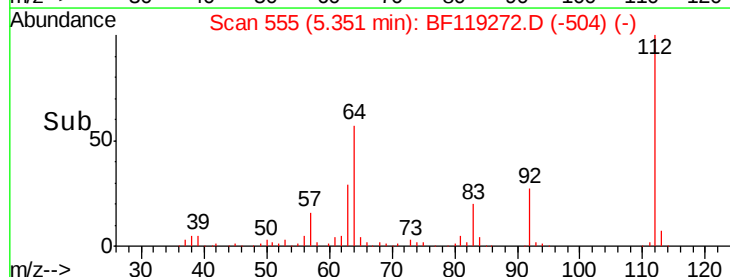
#5

2-Fluorophenol
 Concen: 41.034 ng
 RT: 5.35 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF119272.D
 Acq: 7 Mar 2020 2:03

Tgt Ion:112 Resp: 215226
 Ion Ratio Lower Upper
 112 100
 64 56.8 45.0 67.4
 63 29.1 24.2 36.4



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: 47.363 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119272.D

Acq: 7 Mar 2020 2:03

Instrument :

BNA_F

ClientSampleId :

20C093-20C006

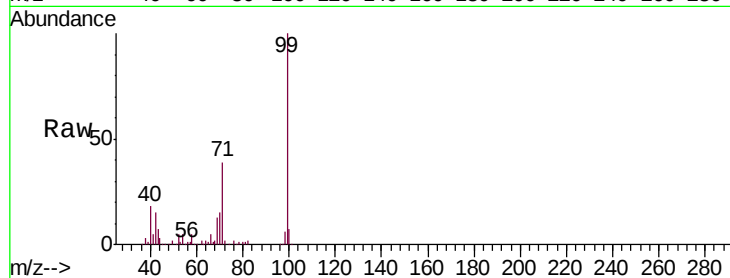
Tgt Ion: 99 Resp: 302124

Ion Ratio Lower Upper

99 100

42 14.7 12.6 18.8

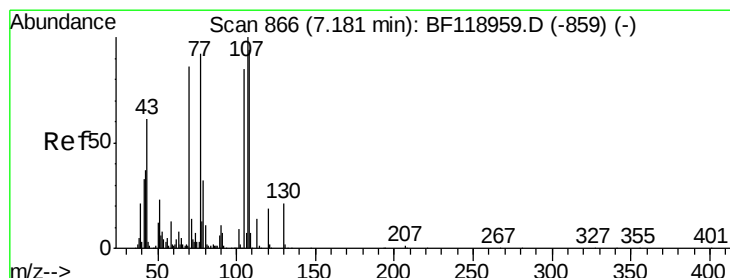
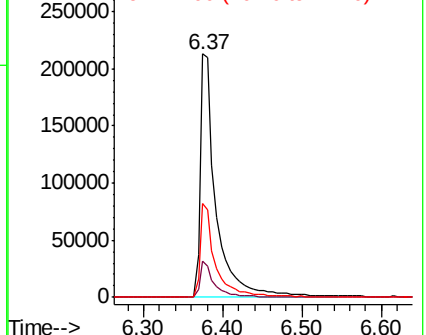
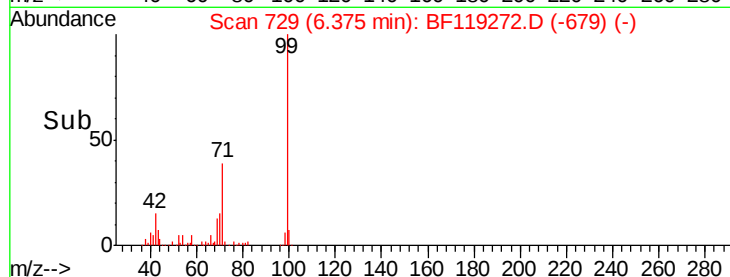
71 38.8 31.0 46.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.410 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119272.D

Acq: 7 Mar 2020 2:03

Tgt Ion: 70 Resp: 27543

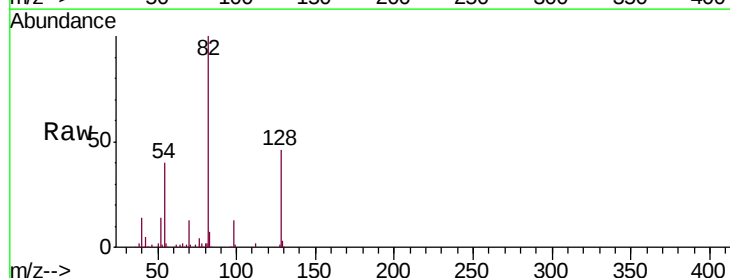
Ion Ratio Lower Upper

70 100

42 36.0 38.0 57.0#

101 0.0 8.2 12.4#

130 1.8 18.2 27.4#

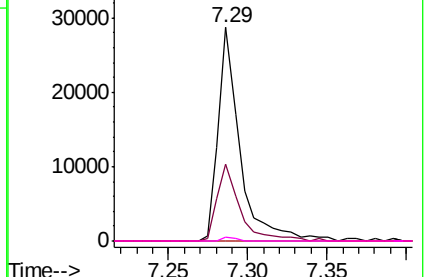
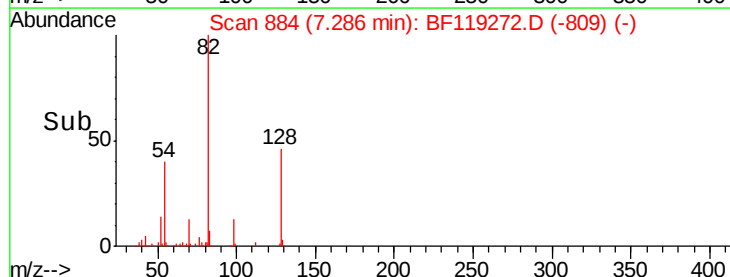


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

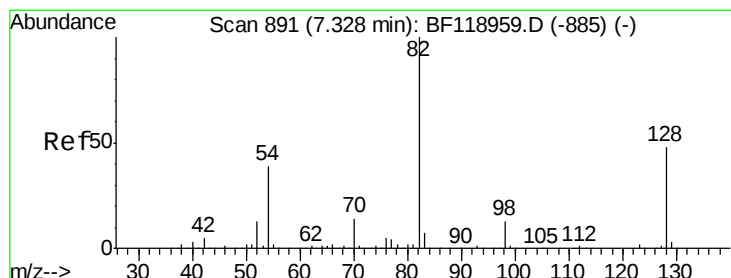
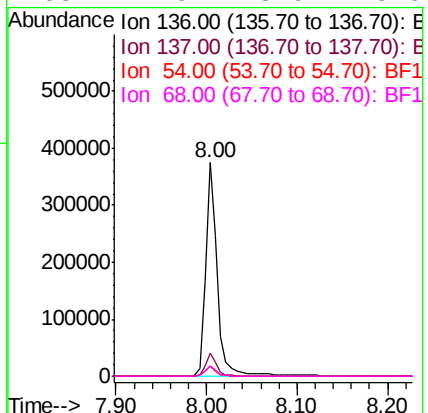
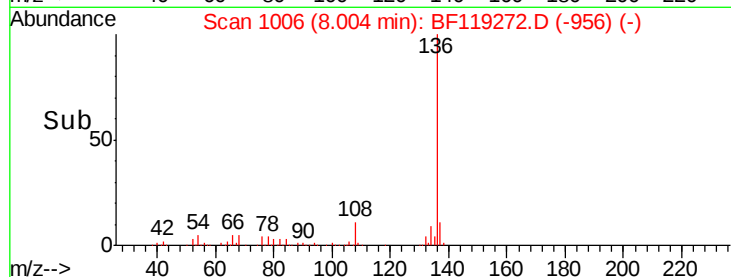
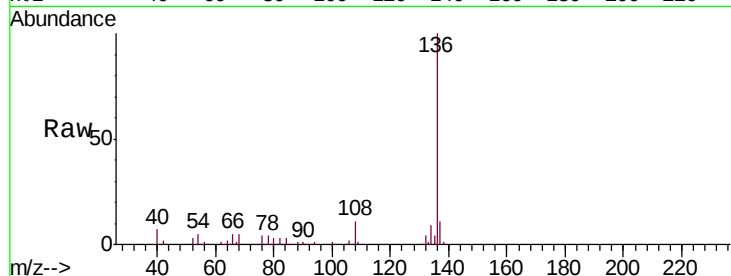




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119272.D
Acq: 7 Mar 2020 2:03

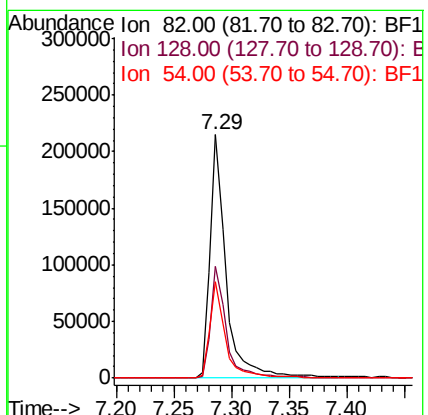
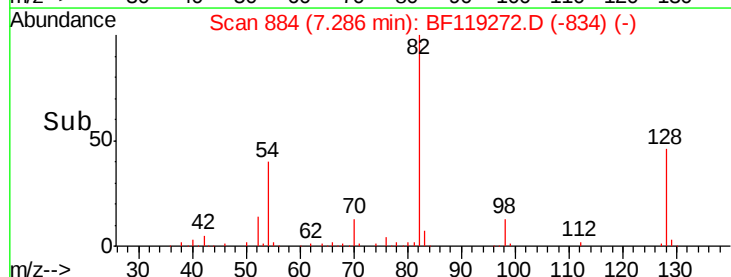
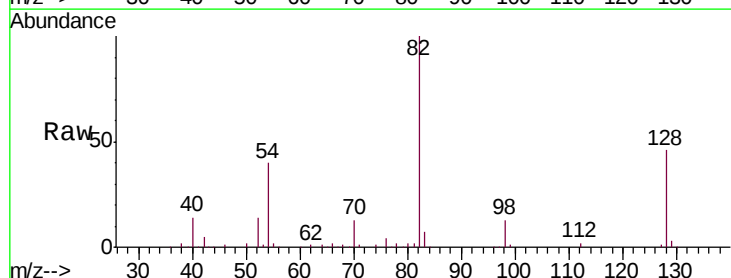
Instrument :
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20C093-20C006

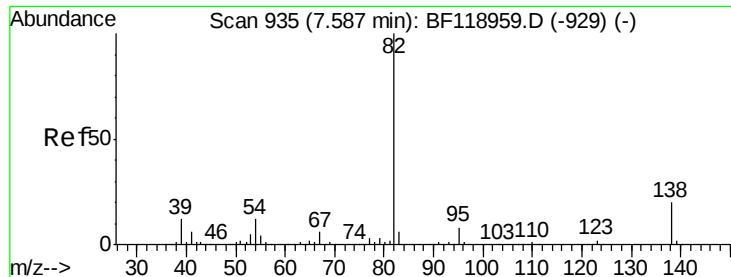
Tgt Ion:	136	Resp:	342590
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.1	3.8	5.6
68	4.9	3.9	5.9



#23
Nitrobenzene-d5
Concen: 32.080 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119272.D
Acq: 7 Mar 2020 2:03

Tgt Ion:	82	Resp:	208149
Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.9	56.9
54	39.5	33.4	50.2

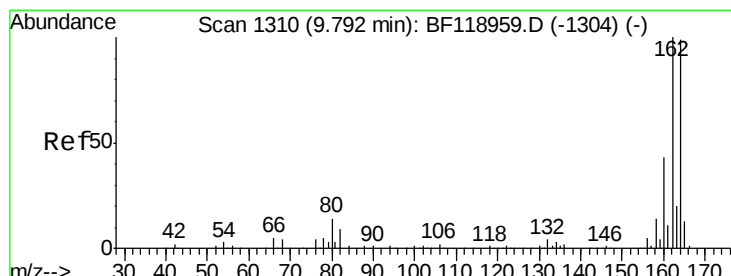
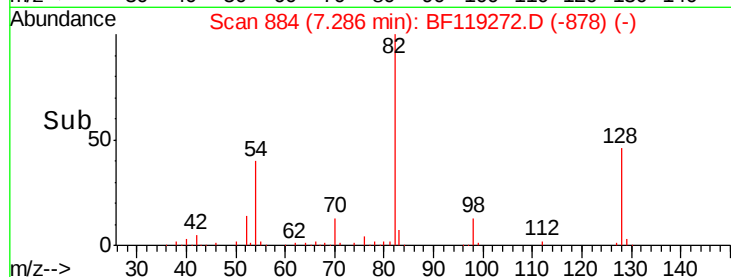
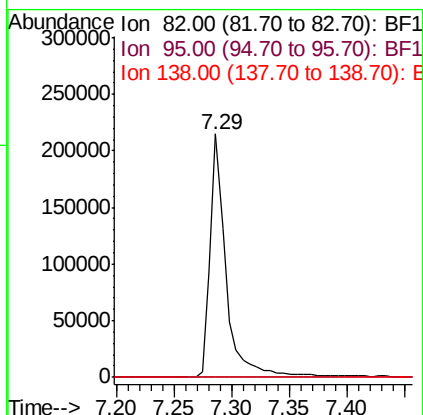
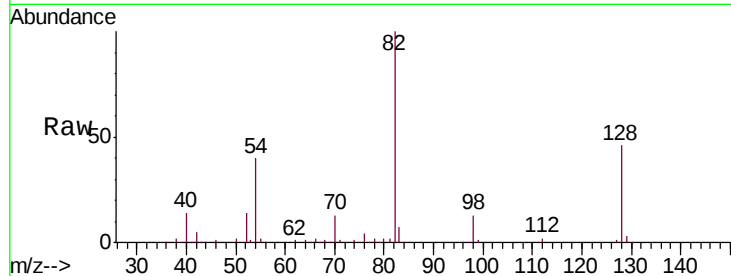




#25
Isophorone
Concen: 18.472 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF119272.D
Acq: 7 Mar 2020 2:03

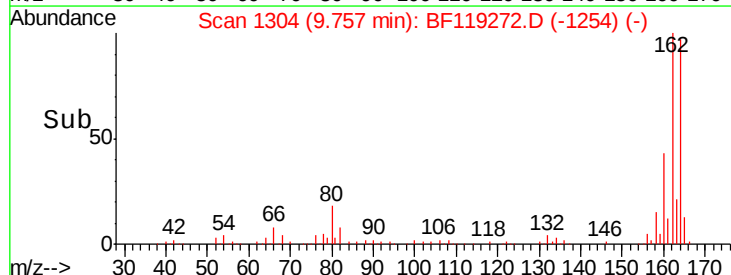
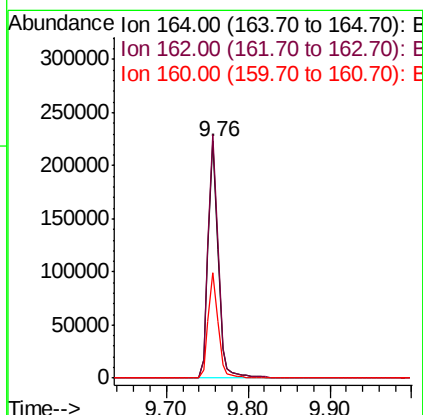
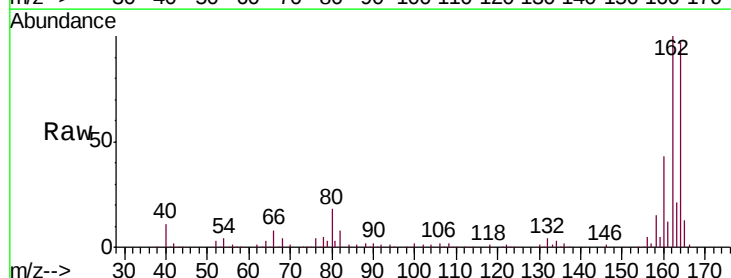
Instrument :
BNA_F
ClientSampleId :
20C093-20C006

Tgt Ion: 82 Resp: 208149
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119272.D
Acq: 7 Mar 2020 2:03

Tgt Ion: 164 Resp: 192023
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.8
160 44.3 36.0 54.0

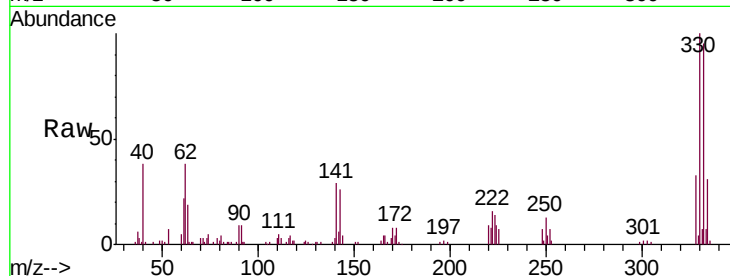




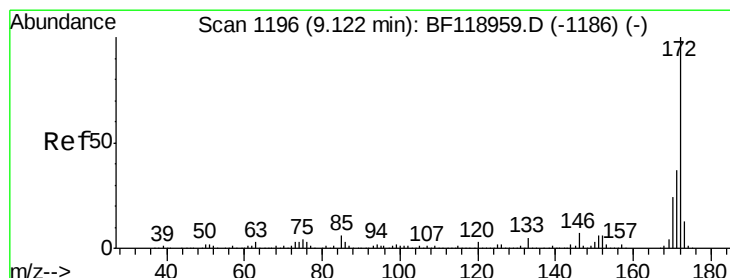
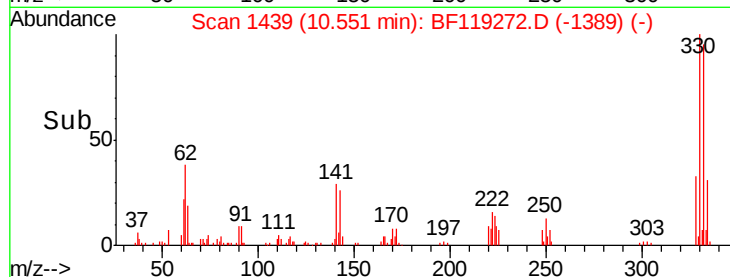
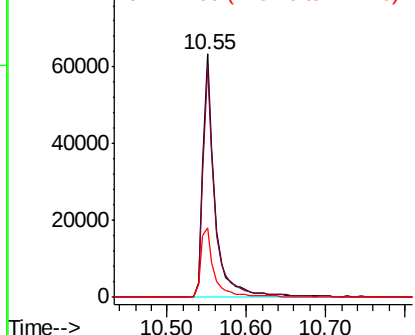
#42
 2,4,6-Tribromophenol
 Concen: 27.534 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119272.D
 Acq: 7 Mar 2020 2:03

Instrument :
 BNA_F
 ClientSampleId :
 20C093-20C006

Tgt Ion:330 Resp: 69166
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.0 114.0
 141 31.5 22.9 34.3

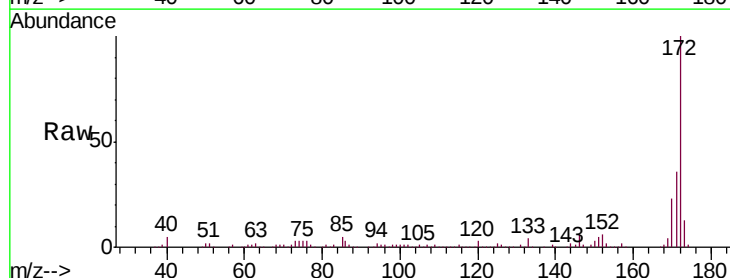


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

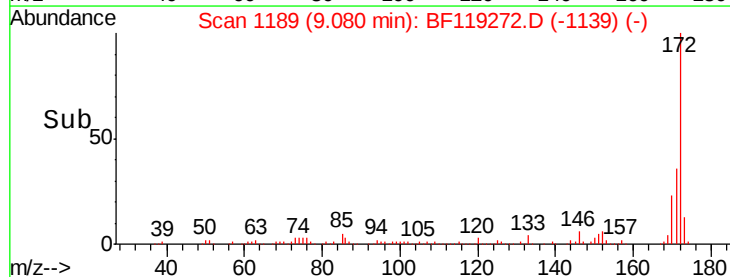
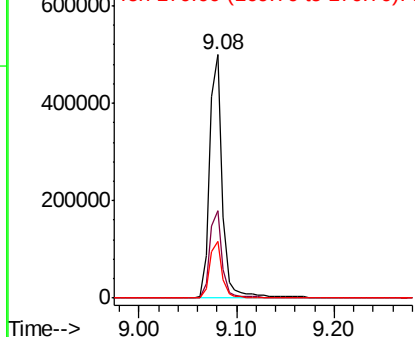


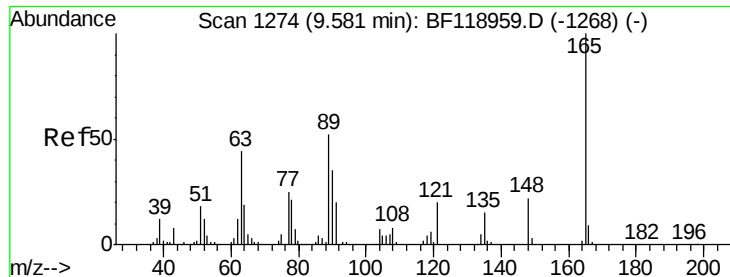
#45
 2-Fluorobiphenyl
 Concen: 35.001 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119272.D
 Acq: 7 Mar 2020 2:03

Tgt Ion:172 Resp: 456226
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.6 45.8
 170 23.4 20.2 30.2



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

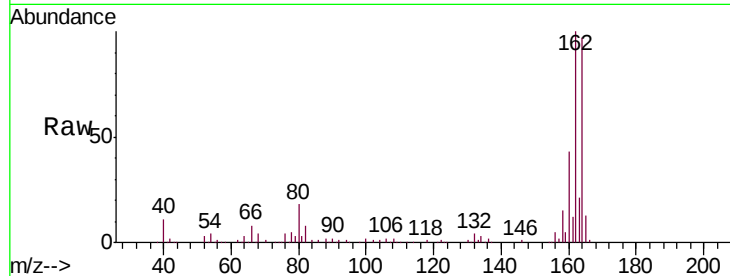




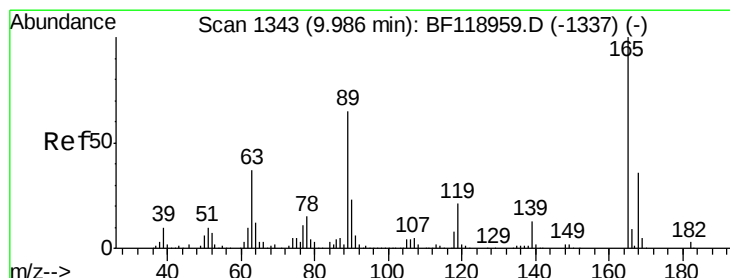
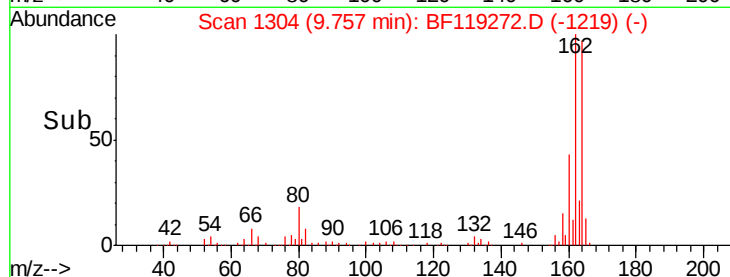
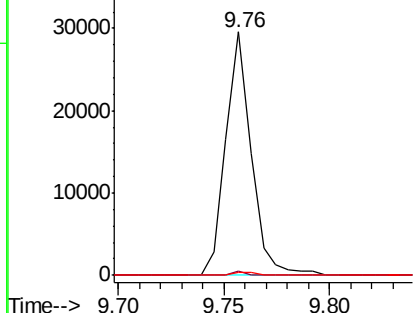
#51
 2,6-Dinitrotoluene
 Concen: 7.573 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119272.D
 Acq: 7 Mar 2020 2:03

Instrument :
 BNA_F
 ClientSampleId :
 20C093-20C006

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.3	38.3	57.5#



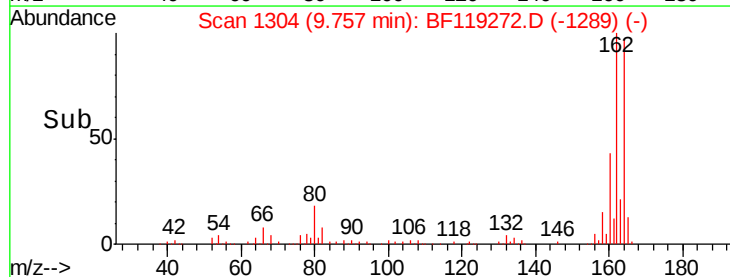
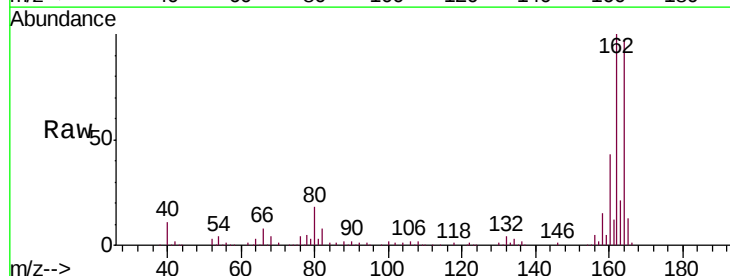
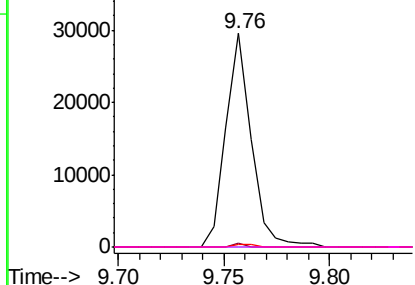
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

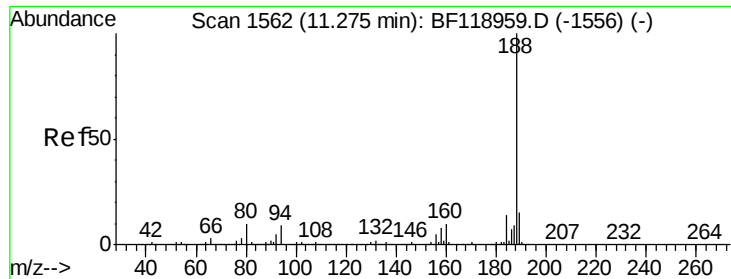


#57
 2,4-Dinitrotoluene
 Concen: 5.843 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119272.D
 Acq: 7 Mar 2020 2:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.3	63.5#
89	1.3	60.2	90.4#
182	0.0	2.3	3.5#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

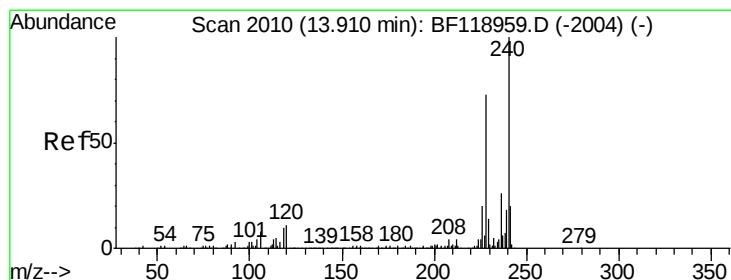
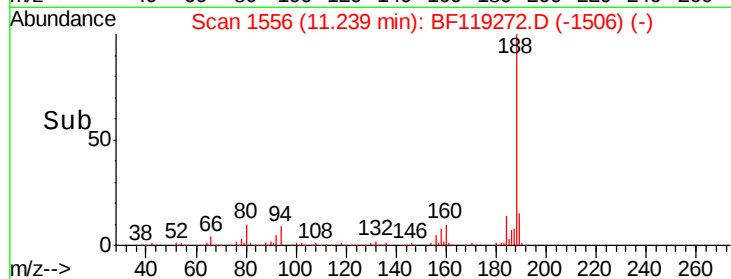
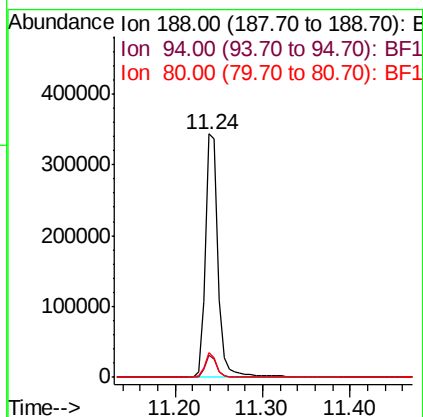
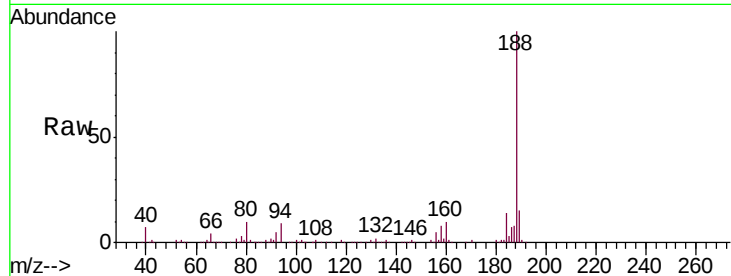




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119272.D
Acq: 7 Mar 2020 2:03

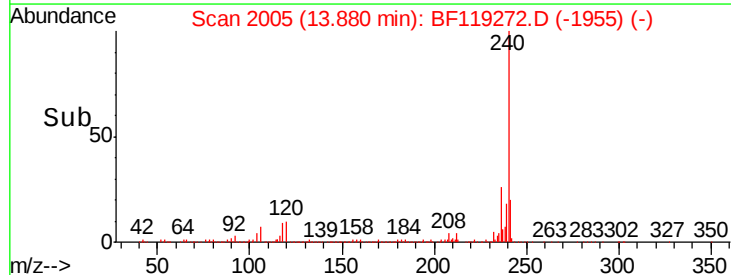
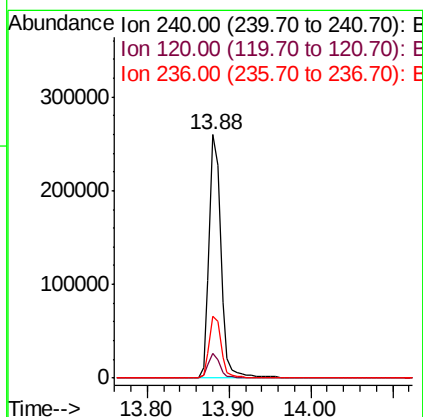
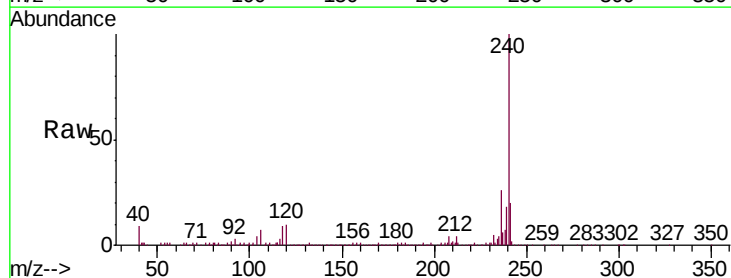
Instrument :
BNA_F
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20C093-20C006

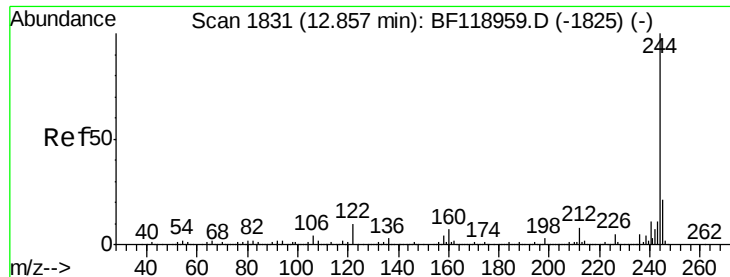
Tgt Ion:188 Resp: 348619
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 10.4 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119272.D
Acq: 7 Mar 2020 2:03

Tgt Ion:240 Resp: 263224
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 25.5 21.0 31.4





#79

Terphenyl-d14

Concen: 35.085 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119272.D

Acq: 7 Mar 2020 2:03

Instrument :

BNA_F

ClientSampleId :

20C093-20C006

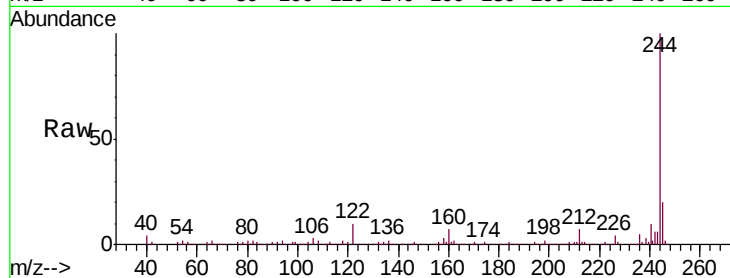
Tgt Ion:244 Resp: 536416

Ion Ratio Lower Upper

244 100

212 7.1 6.6 10.0

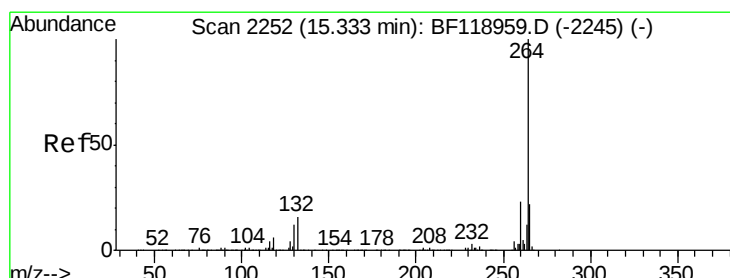
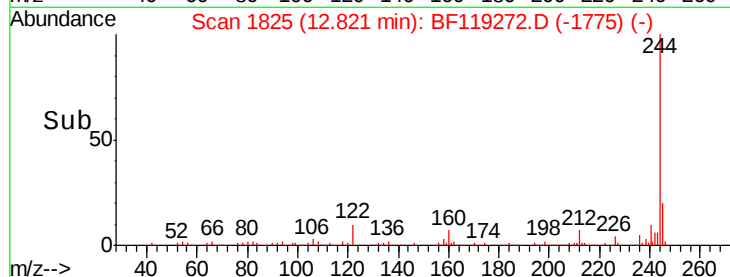
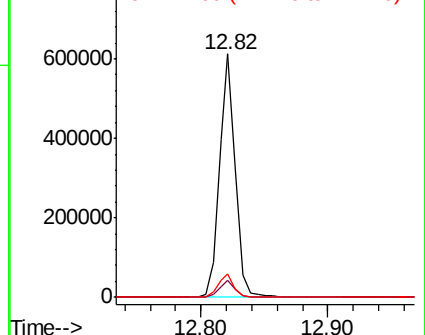
122 9.6 8.2 12.2



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: 15.31 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BF119272.D

Acq: 7 Mar 2020 2:03

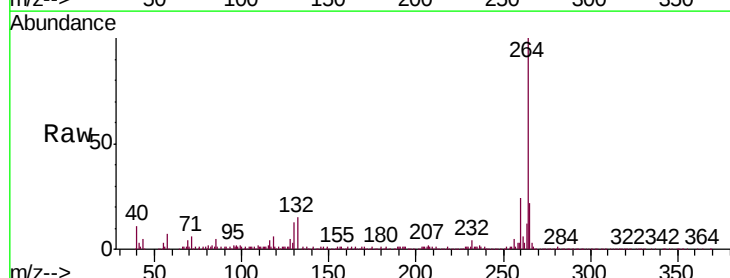
Tgt Ion:264 Resp: 255646

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.7 17.7 26.5



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

