

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114590.D
 Acq On : 25 May 2019 00:29
 Operator : JU/SJ
 Sample : K2954-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190332A-GLP-1

Quant Time: May 25 01:12:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

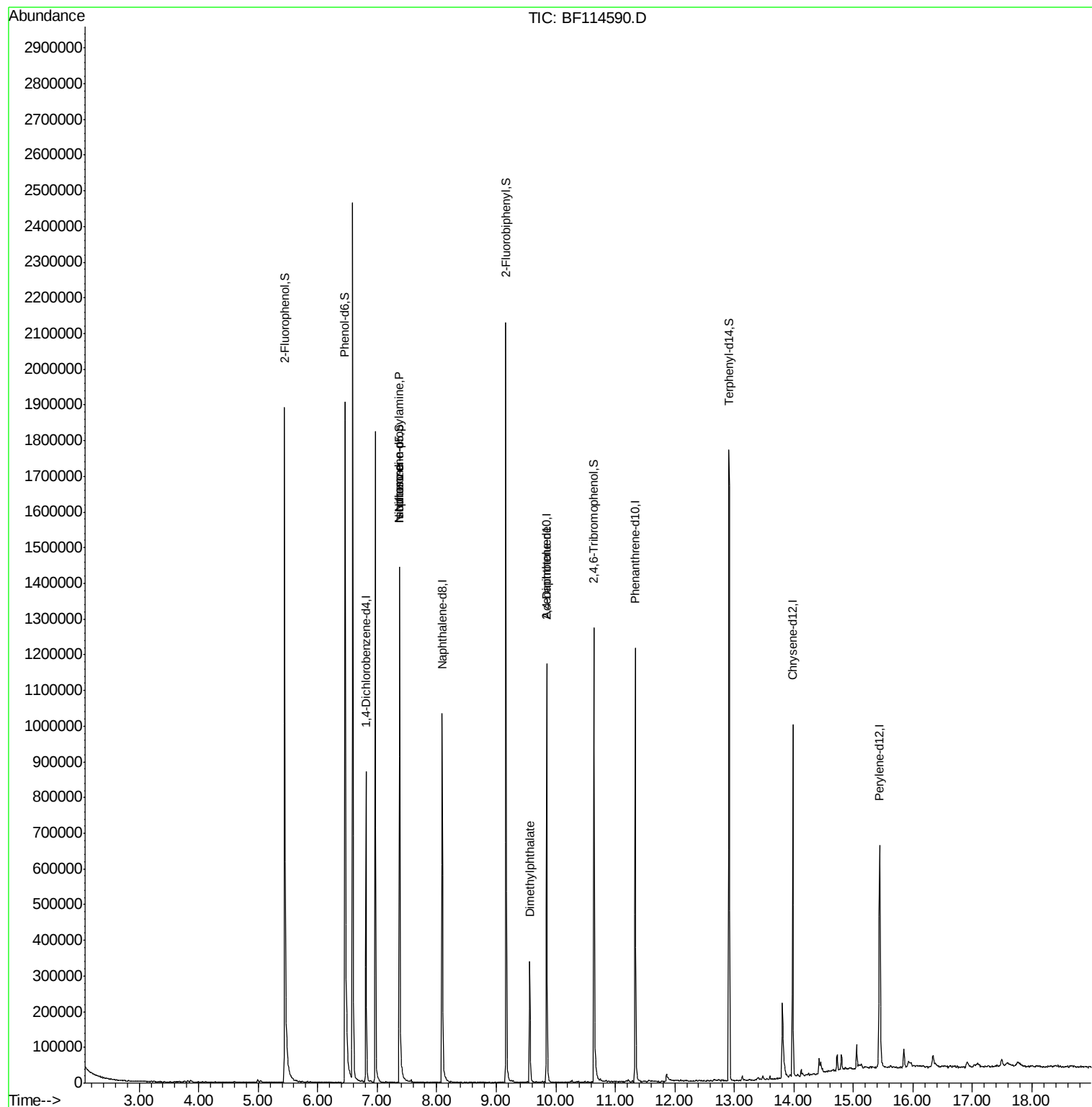
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	130379	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	500553	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	236520	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	491131	20.00	ng	0.00
76) Chrysene-d12	13.98	240	342941	20.00	ng	0.00
87) Perylene-d12	15.44	264	321068	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	637228	78.65	ng	0.00
7) Phenol-d6	6.46	99	829208	86.54	ng	0.00
23) Nitrobenzene-d5	7.37	82	485971	54.49	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	165141	67.54	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	709674	45.39	ng	-0.01
79) Terphenyl-d14	12.92	244	627907	37.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	62886	10.354	ng	# 74
25) Isophorone	7.37	82	485967	29.378	ng	# 64
50) Dimethylphthalate	9.56	163	144144	8.302	ng	99
57) 2,4-Dinitrotoluene	9.85	165	29062	5.560	ng	# 24

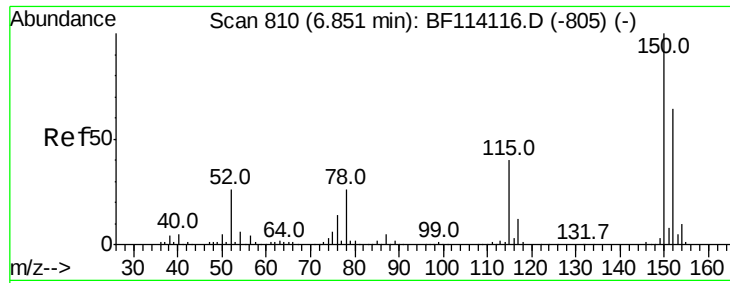
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 25 01:12:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



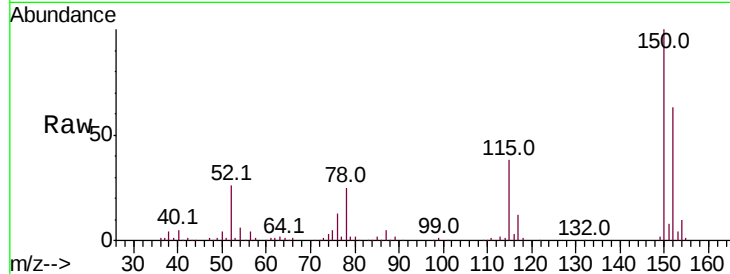


#1

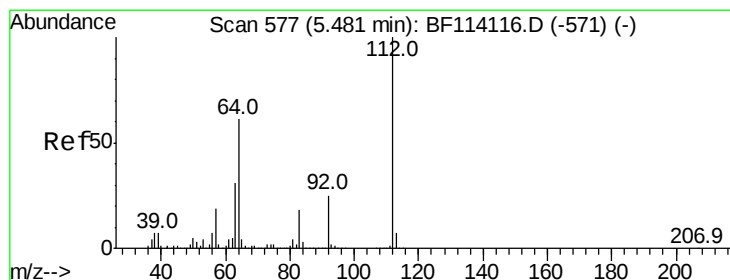
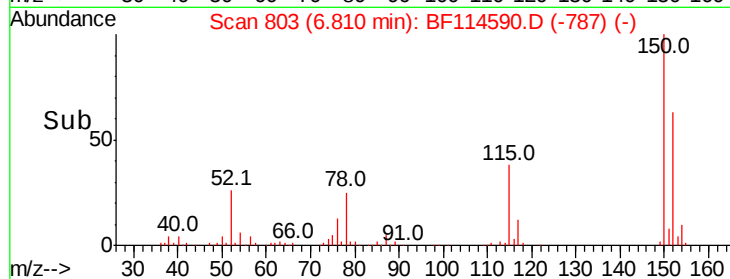
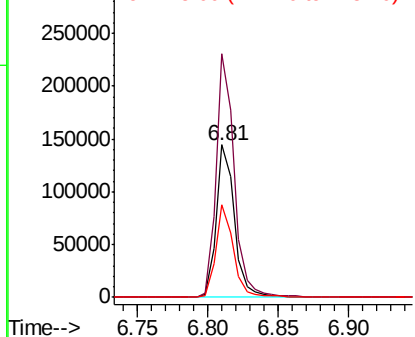
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114590.D
Acq: 25 May 2019 00:29

Instrument :
BNA_F
ClientSampleId :
20190332A-GLP-1

Tot Ion:152 Resp: 130379
Ion Ratio Lower Upper
152 100
150 159.6 124.3 186.5
115 60.9 49.1 73.7



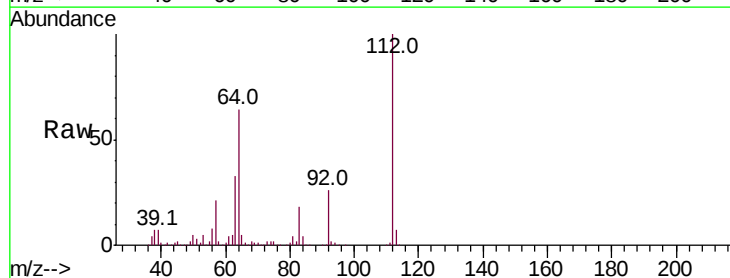
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



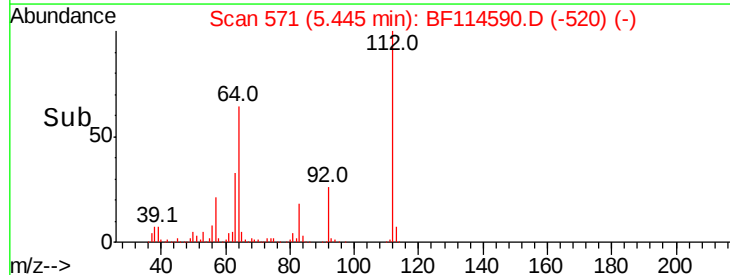
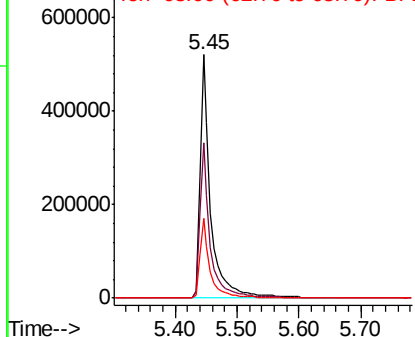
#5

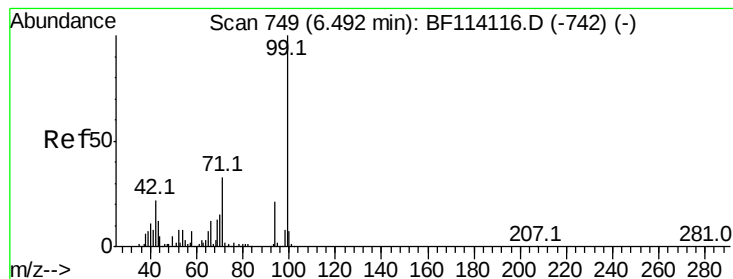
2-Fluorophenol
Concen: 78.653 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF114590.D
Acq: 25 May 2019 00:29

Tgt Ion:112 Resp: 637228
Ion Ratio Lower Upper
112 100
64 63.7 49.0 73.6
63 33.0 24.6 37.0



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: 86.536 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114590.D

Acq: 25 May 2019 00:29

Instrument :

BNA_F

ClientSampleId :

20190332A-GLP-1

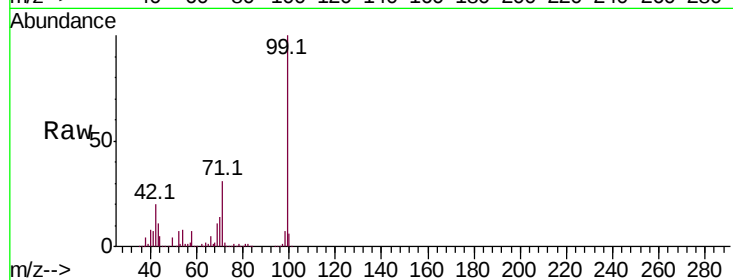
Tot Ion: 99 Resp: 829208

Ion Ratio Lower Upper

99 100

42 20.4 17.9 26.9

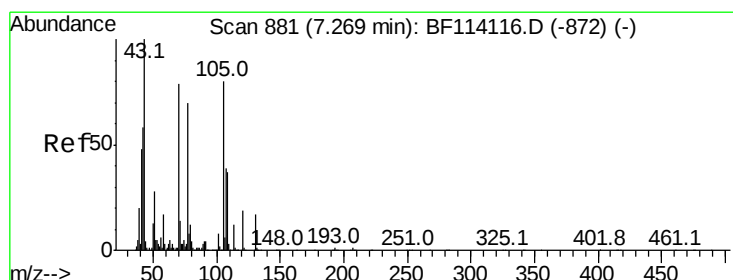
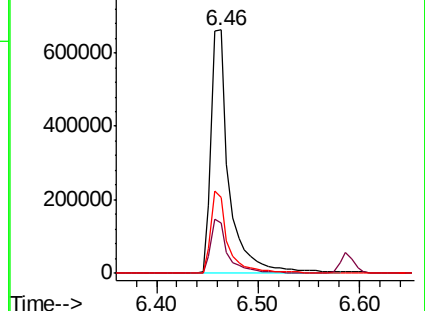
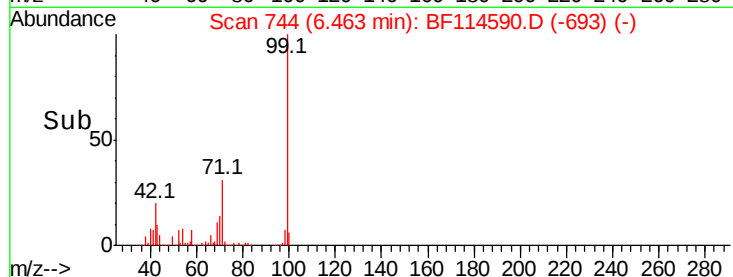
71 31.1 26.2 39.2



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: 10.354 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114590.D

Acq: 25 May 2019 00:29

Tgt Ion: 70 Resp: 62886

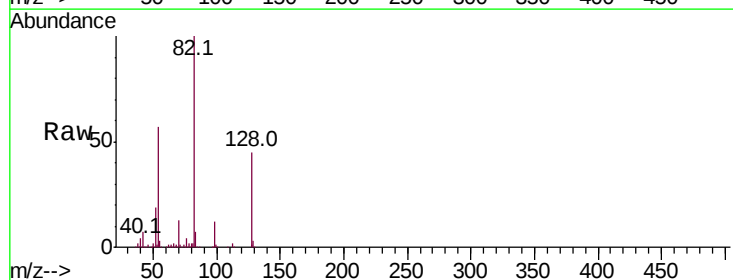
Ion Ratio Lower Upper

70 100

42 55.1 58.6 87.8#

101 0.0 7.8 11.8#

130 1.9 17.1 25.7#

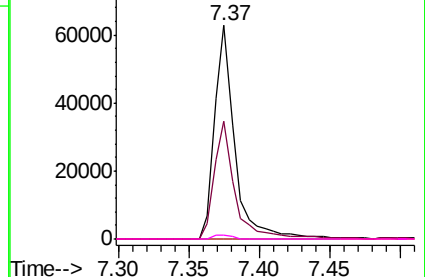
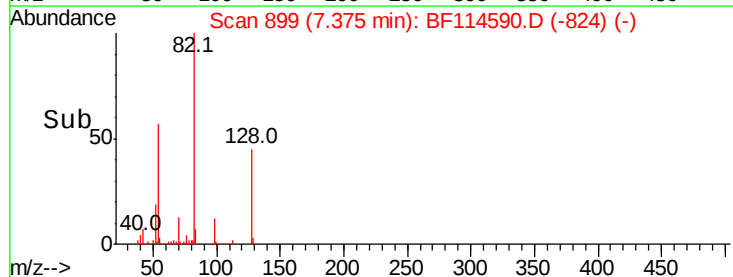


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

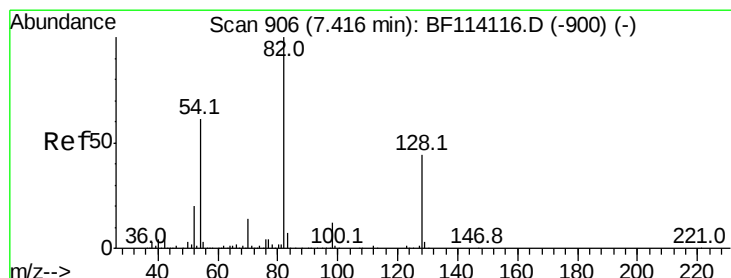
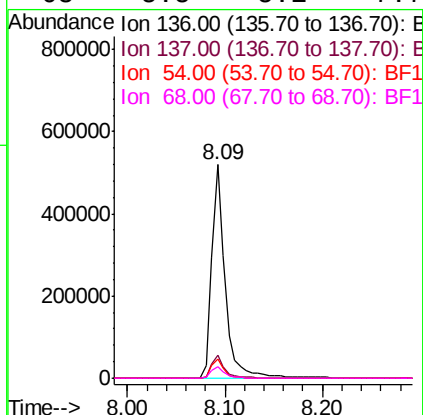
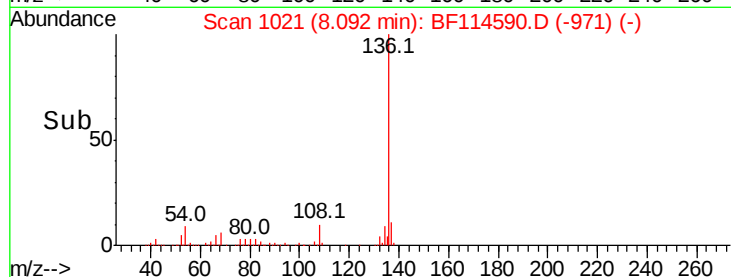
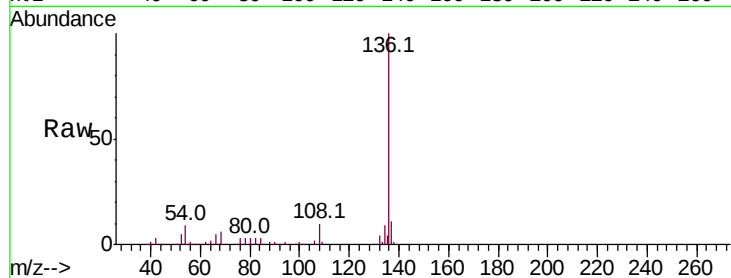




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114590.D
Acq: 25 May 2019 00:29

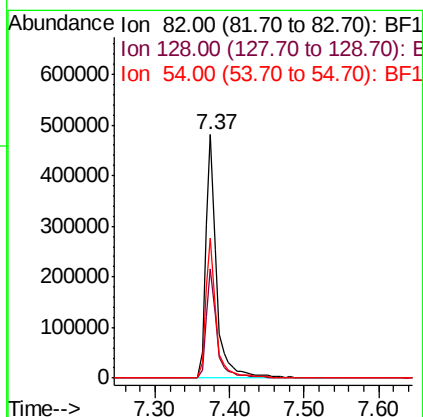
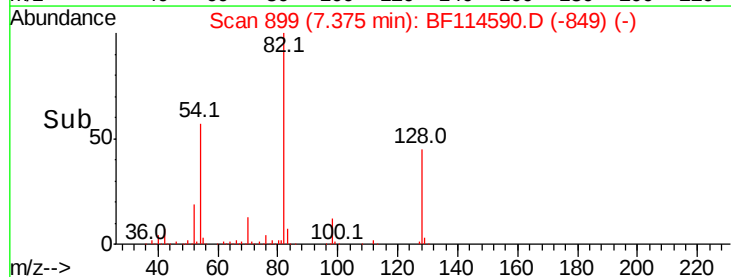
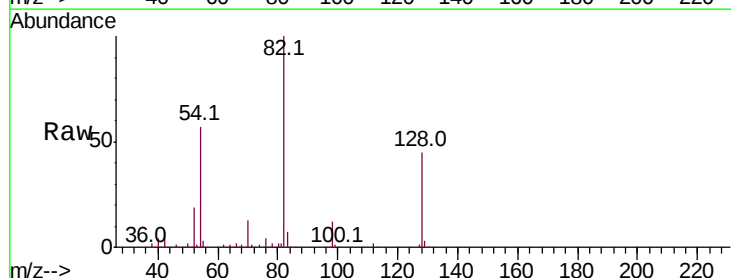
Instrument :
BNA_F
ClientSampleId :
20190332A-GLP-1

Tot Ion:136	Resp:	500553
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	9.0	7.8 11.8
68	5.5	5.1 7.7



#23
Nitrobenzene-d5
Concen: 54.485 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114590.D
Acq: 25 May 2019 00:29

Tgt Ion: 82	Resp:	485971
Ion Ratio	Lower	Upper
82	100	
128	44.9	35.5 53.3
54	57.4	48.5 72.7





#25

Isophorone

Concen: 29.378 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114590.D

Acq: 25 May 2019 00:29

Instrument :

BNA_F

ClientSampleId :

20190332A-GLP-1

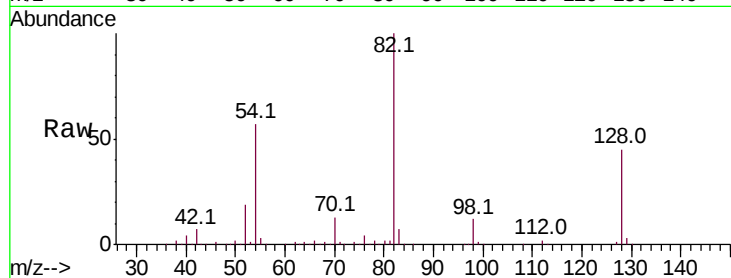
Tot Ion: 82 Resp: 485967

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

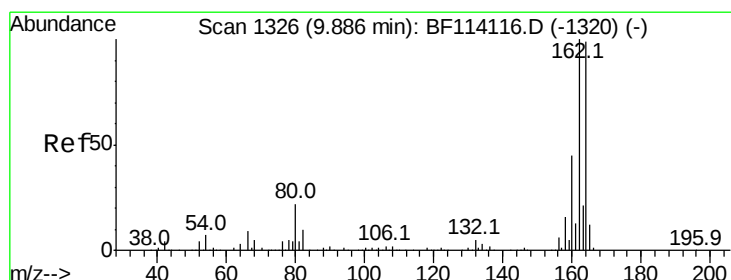
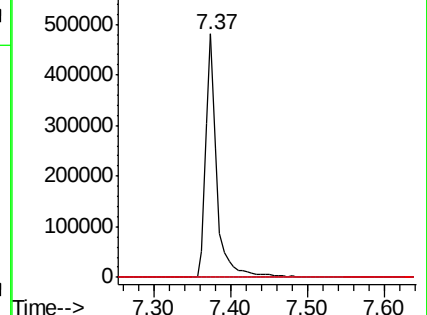
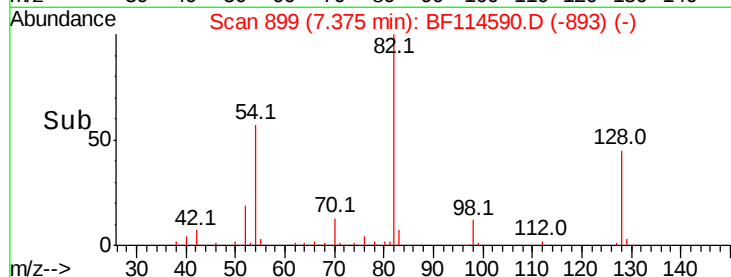
138 0.0 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF114590.D

Acq: 25 May 2019 00:29

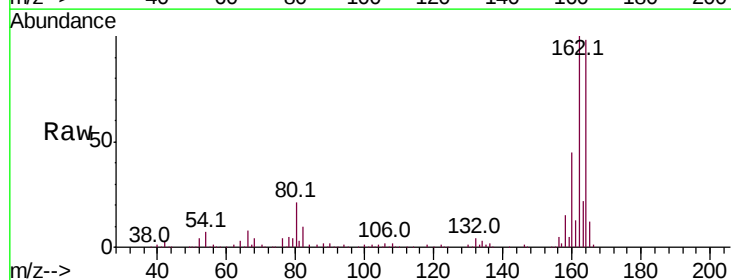
Tgt Ion:164 Resp: 236520

Ion Ratio Lower Upper

164 100

162 102.0 80.6 120.8

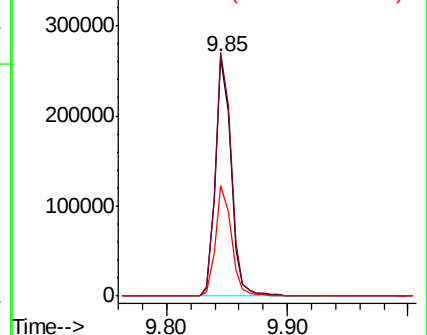
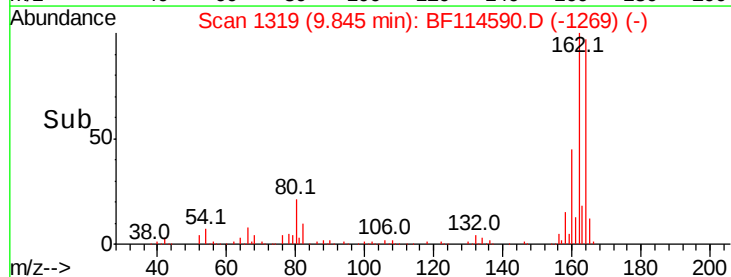
160 46.3 36.5 54.7



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

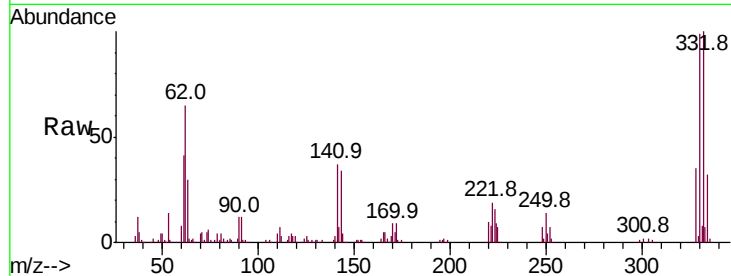




#42
 2,4,6-Tribromophenol
 Concen: 67.536 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114590.D
 Acq: 25 May 2019 00:29

Instrument :
 BNA_F
 ClientSampleId :
 20190332A-GLP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.8	81.4	122.2
141	34.2	26.6	40.0

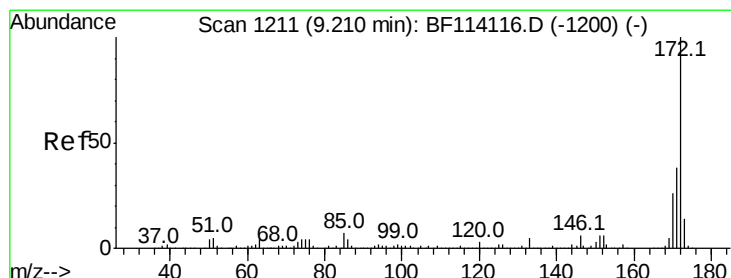
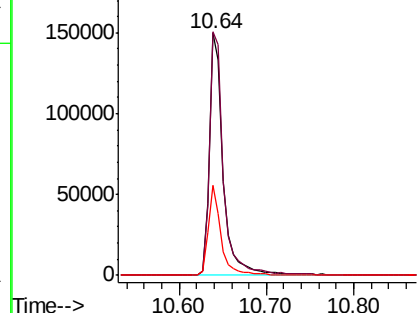
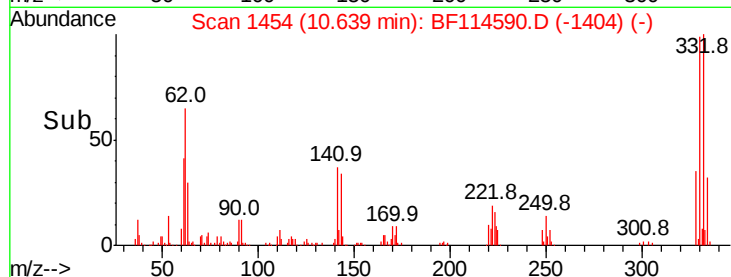


Abundance

Ion 329.80 (329.50 to 330.50): E

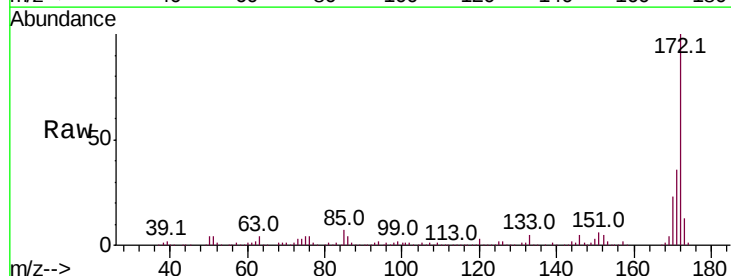
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 45.387 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114590.D
 Acq: 25 May 2019 00:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.7	46.1
170	23.4	20.5	30.7

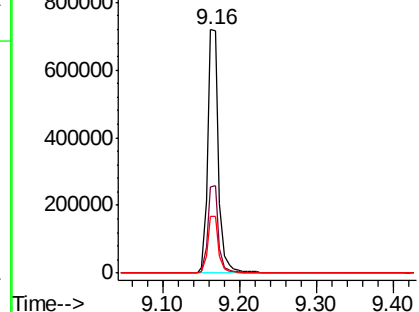
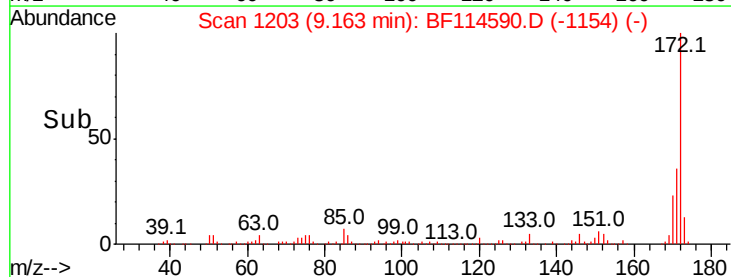


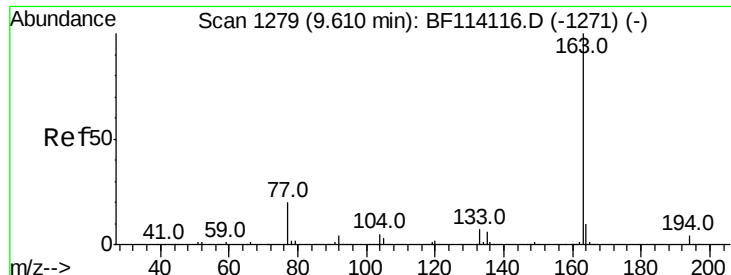
Abundance

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

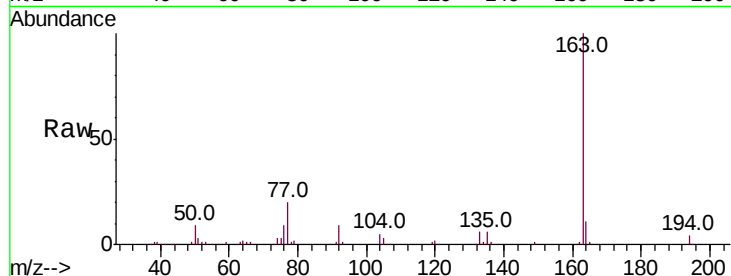




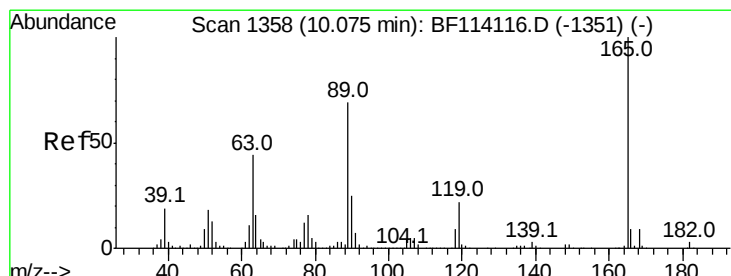
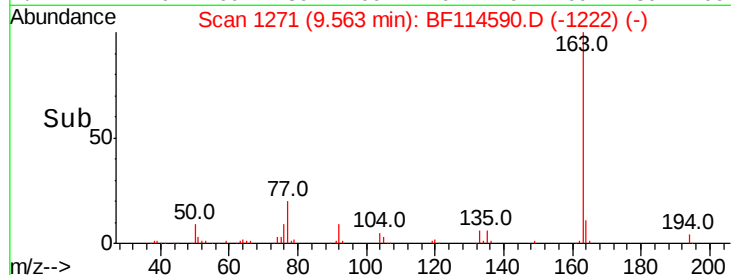
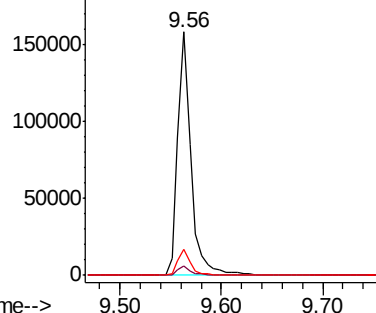
#50
Dimethylphthalate
Concen: 8.302 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114590.D
Acq: 25 May 2019 00:29

Instrument :
BNA_F
ClientSampleId :
20190332A-GLP-1

Tot Ion:163 Resp: 144144
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.5 8.2 12.2

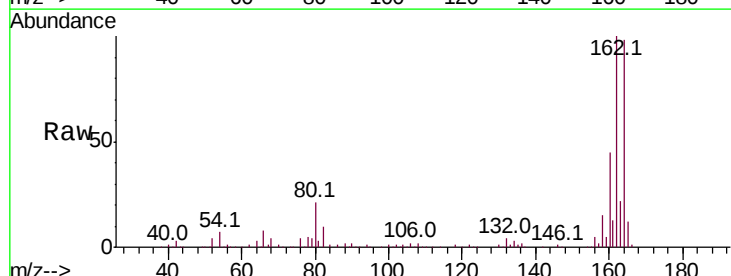


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

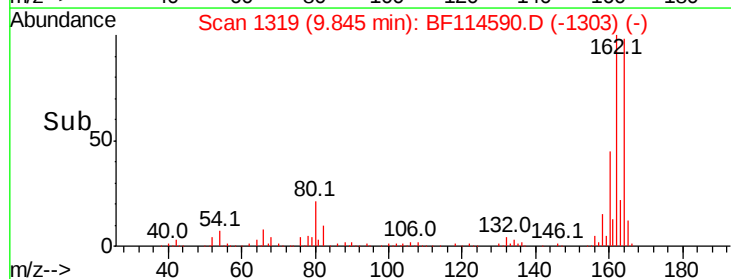
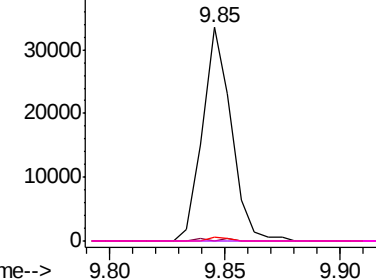


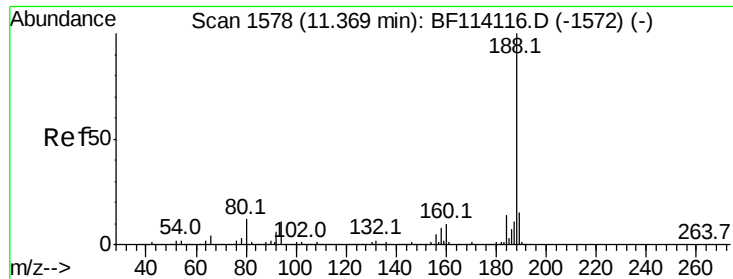
#57
2,4-Dinitrotoluene
Concen: 5.560 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF114590.D
Acq: 25 May 2019 00:29

Tgt Ion:165 Resp: 29062
Ion Ratio Lower Upper
165 100
63 0.0 35.5 53.3#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#



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

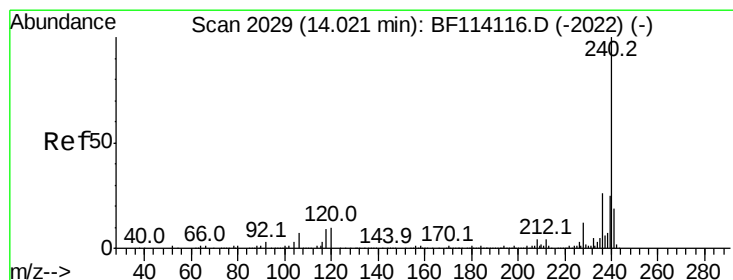
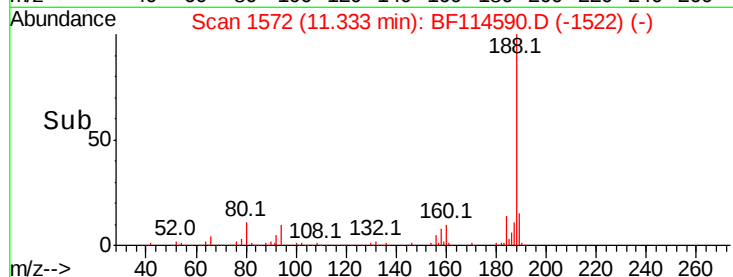
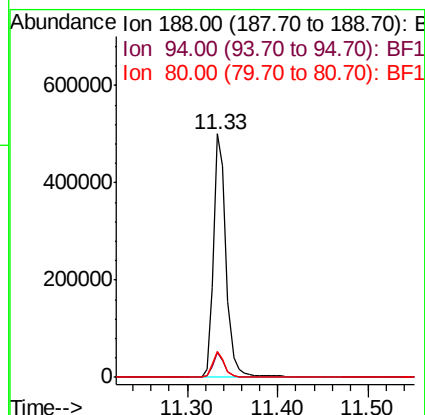
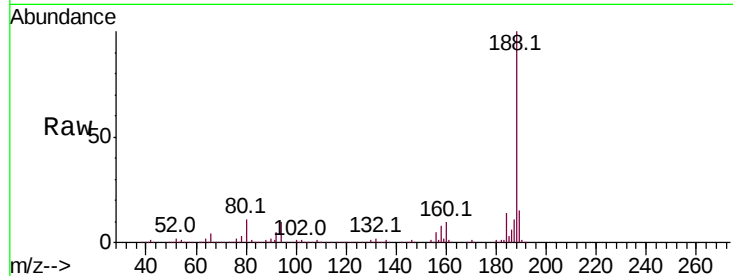




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114590.D
Acq: 25 May 2019 00:29

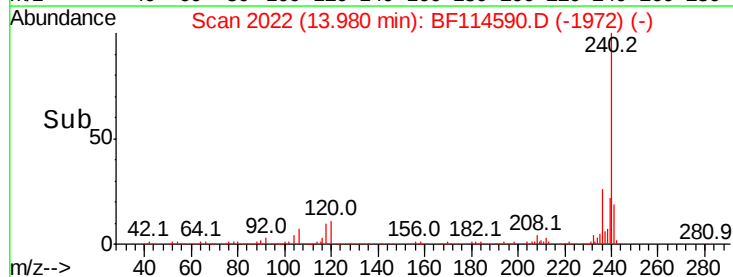
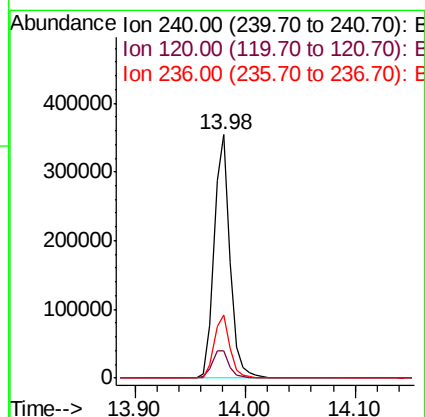
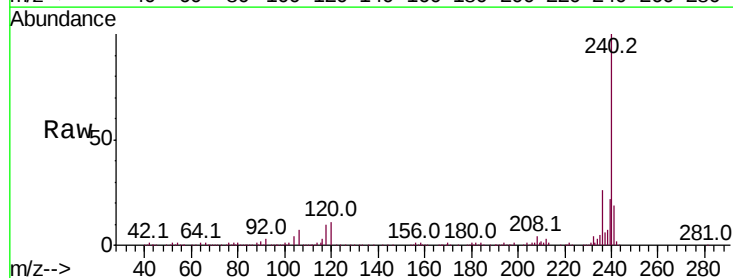
Instrument :
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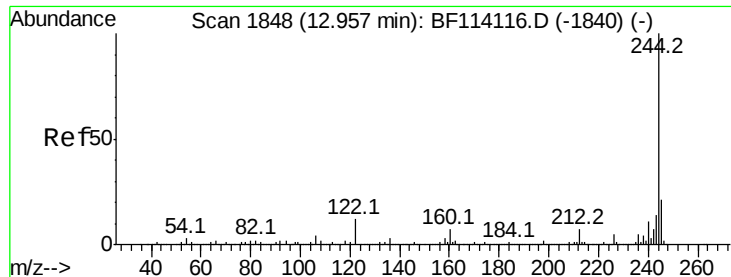
Tot Ion:188 Resp: 491131
Ion Ratio Lower Upper
188 100
94 10.0 8.4 12.6
80 10.7 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114590.D
Acq: 25 May 2019 00:29

Tgt Ion:240 Resp: 342941
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 26.1 20.8 31.2

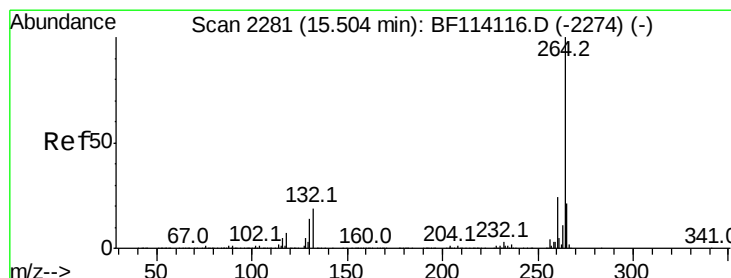
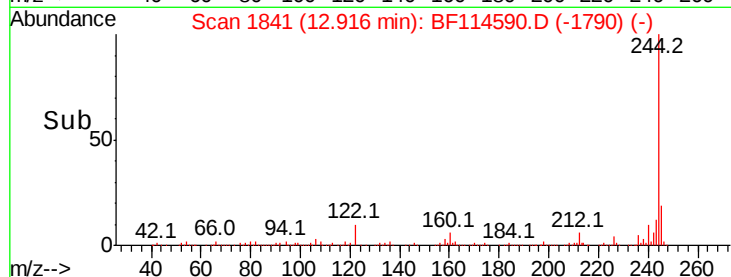
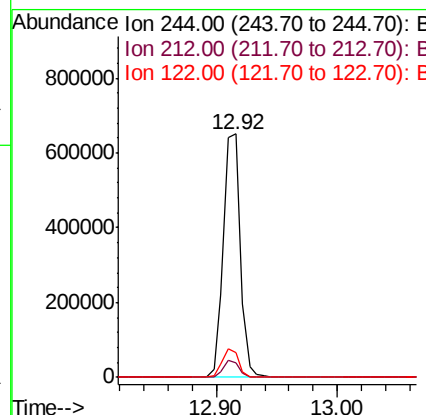
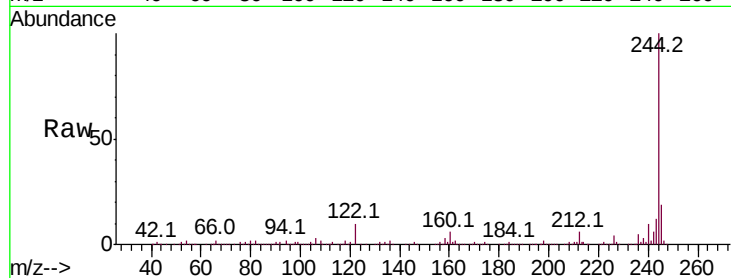




#79
 Terphenyl-d14
 Concen: 37.744 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114590.D
 Acq: 25 May 2019 00:29

Instrument :
 BNA_F
 ClientSampleId :
 20190332A-GLP-1

Tot Ion:244 Resp: 627907
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.8 8.6
 122 10.1 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF114590.D
 Acq: 25 May 2019 00:29

Tgt Ion:264 Resp: 321068
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 21.6 16.9 25.3

