

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
 Data File : BF140293.D
 Acq On : 08 Nov 2024 12:47
 Operator : RC/JU
 Sample : P4720-01DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-701-COMP-01DL

Quant Time: Nov 08 13:24:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

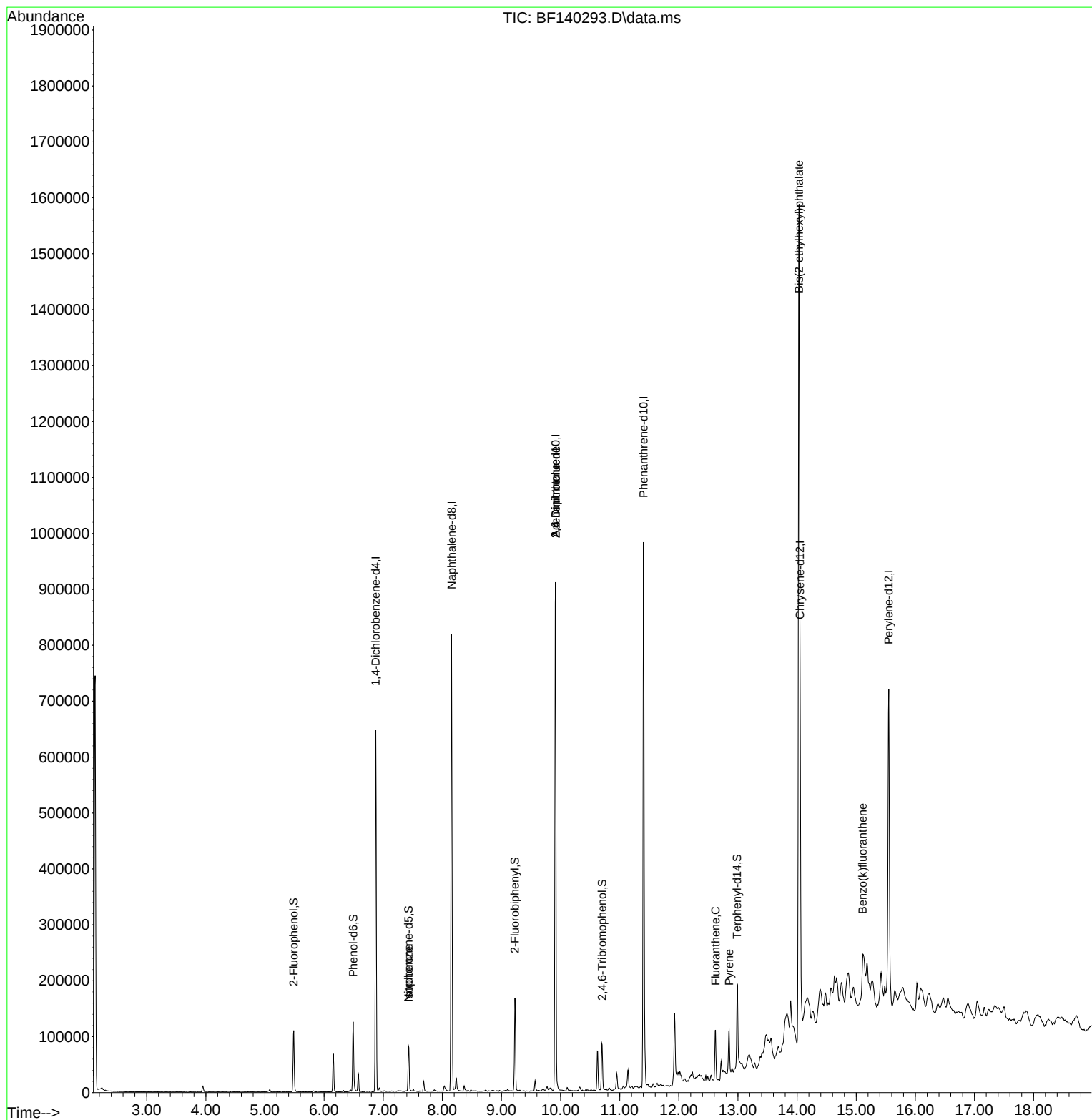
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	132204	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	492322	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	291280	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	516504	20.000	ng	0.00
76) Chrysene-d12	14.051	240	280401	20.000	ng	-0.01
86) Perylene-d12	15.551	264	325761	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	41419	5.192	ng	0.00
7) Phenol-d6	6.492	99	55040	5.364	ng	-0.01
23) Nitrobenzene-d5	7.428	82	36577	3.694	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	14487	5.032	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	74165	4.066	ng	-0.01
79) Terphenyl-d14	12.986	244	71648	4.186	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.428	82	35254	2.068	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	37486	8.890	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	37487	6.851	ng	# 19
75) Fluoranthene	12.621	202	51748	2.008	ng	98
78) Pyrene	12.851	202	47254	2.041	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	571651	48.925	ng	# 99
89) Benzo(k)fluoranthene	15.110	252	38691	2.140	ng	# 87

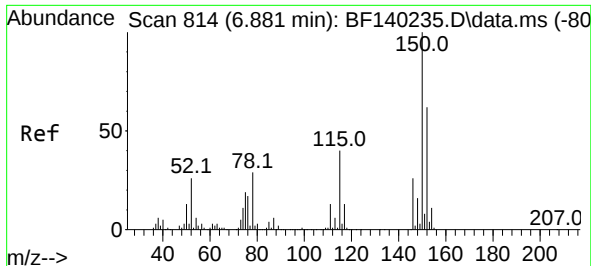
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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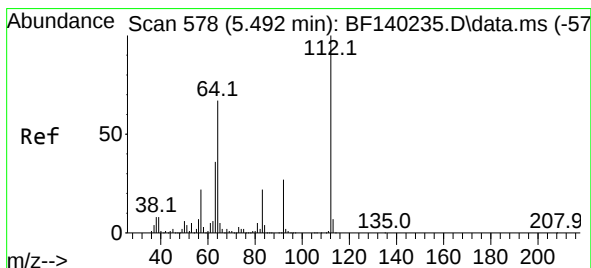
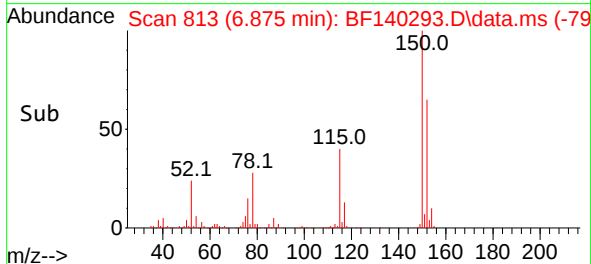
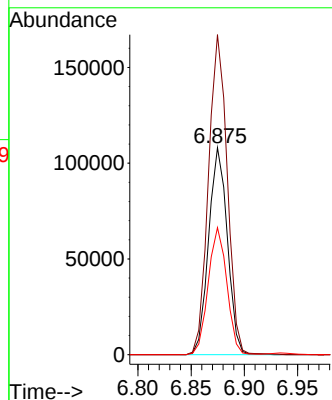
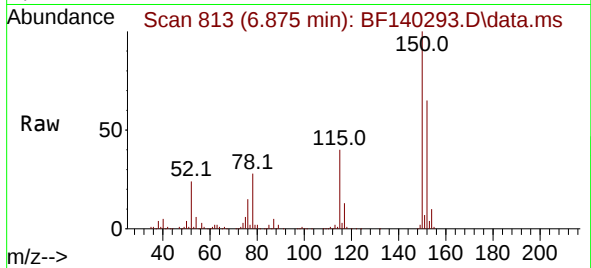




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47

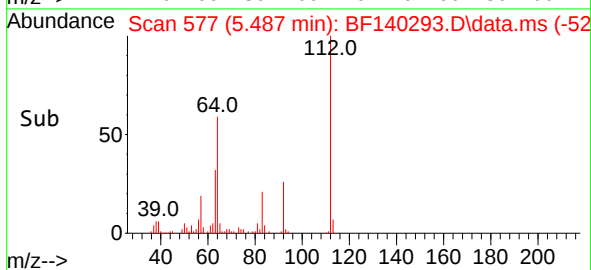
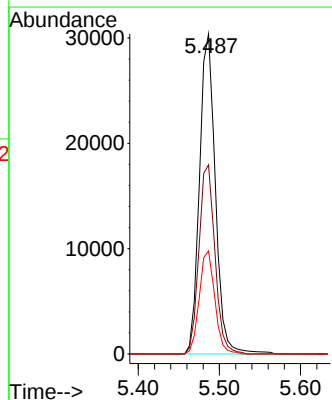
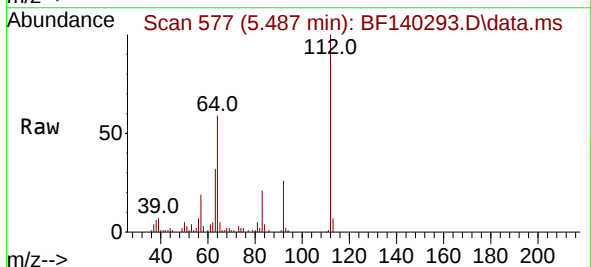
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01DL

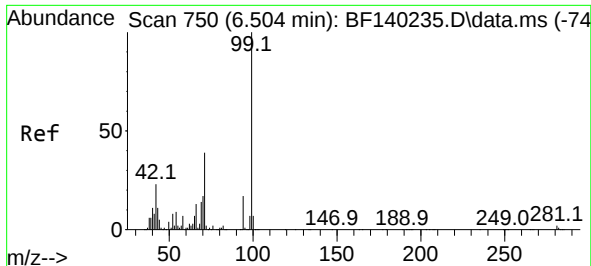
Tgt Ion:152 Resp: 132204
Ion Ratio Lower Upper
152 100
150 154.5 129.4 194.2
115 61.3 51.5 77.3



#5
2-Fluorophenol
Concen: 5.192 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47

Tgt Ion:112 Resp: 41419
Ion Ratio Lower Upper
112 100
64 59.1 53.4 80.2
63 32.2 28.9 43.3

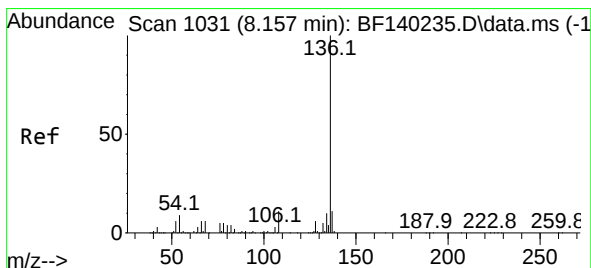
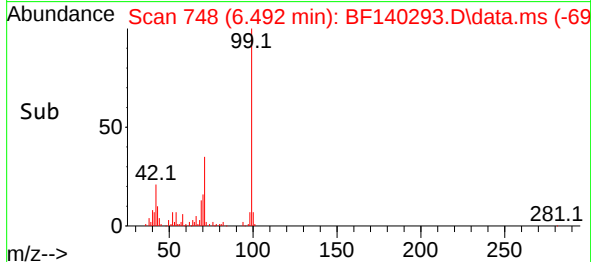
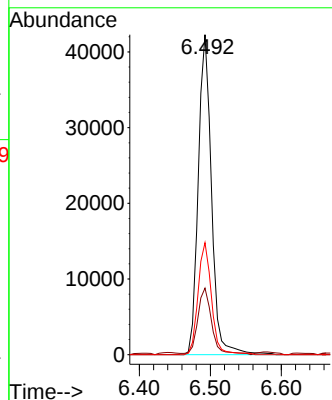
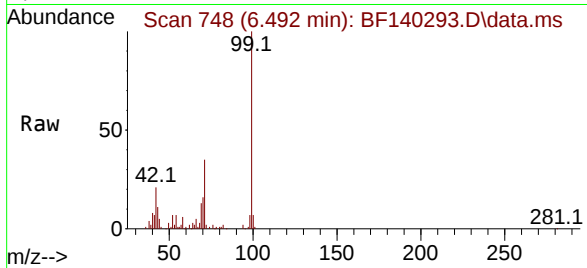




#7
Phenol-d6
Concen: 5.364 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47

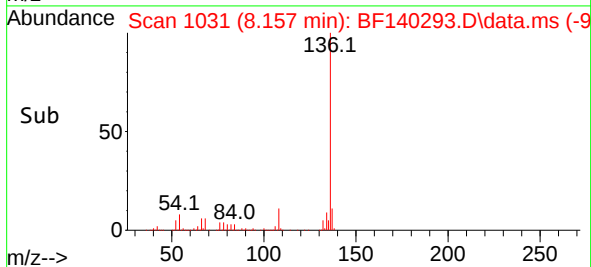
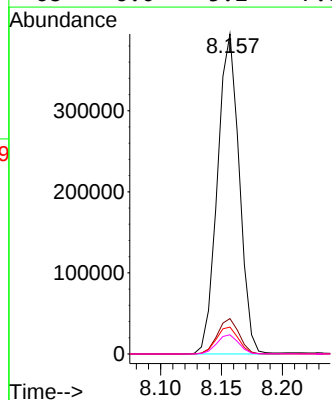
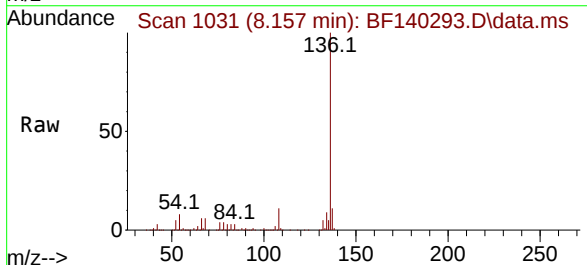
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01DL

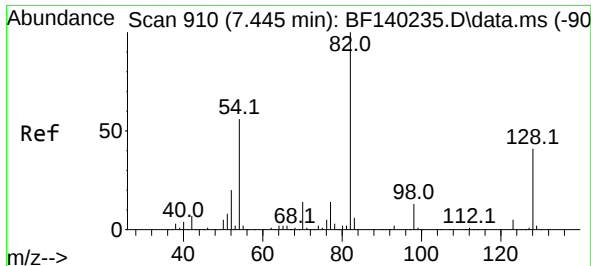
Tgt Ion: 99 Resp: 55040
Ion Ratio Lower Upper
99 100
42 20.8 18.2 27.2
71 35.0 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47

Tgt Ion: 136 Resp: 492322
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.4 7.7 11.5
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 3.694 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.018 min

Lab File: BF140293.D

Acq: 08 Nov 2024 12:47

Instrument :

BNA_F

ClientSampleId :

JC-701-COMP-01DL

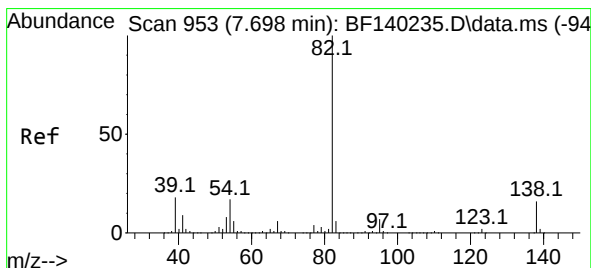
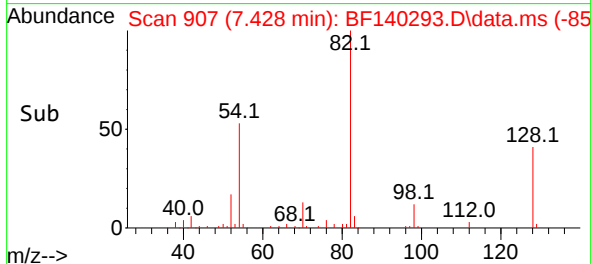
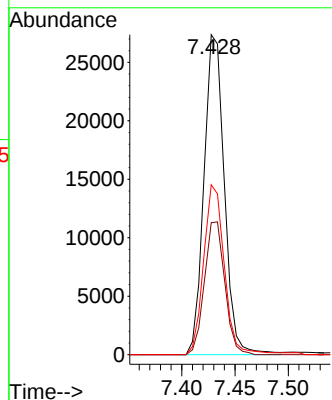
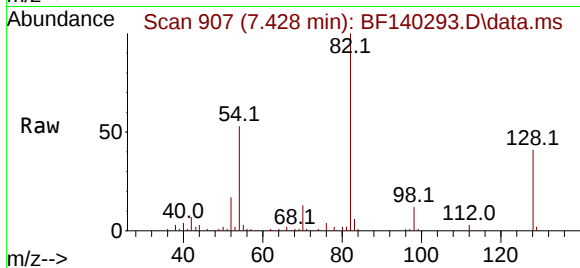
Tgt Ion: 82 Resp: 36577

Ion Ratio Lower Upper

82 100

128 41.3 32.8 49.2

54 53.1 44.3 66.5



#25

Isophorone

Concen: 2.068 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.271 min

Lab File: BF140293.D

Acq: 08 Nov 2024 12:47

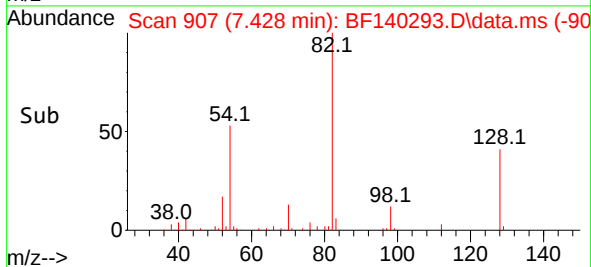
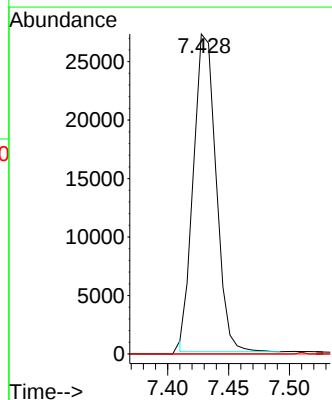
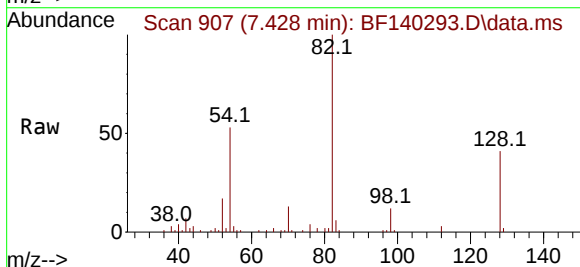
Tgt Ion: 82 Resp: 35254

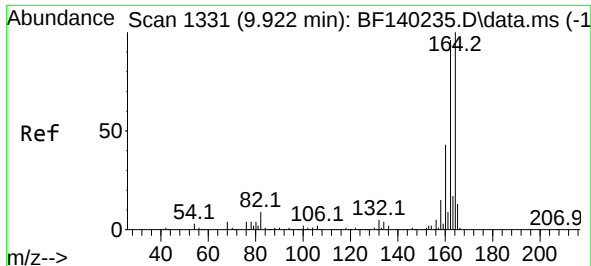
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

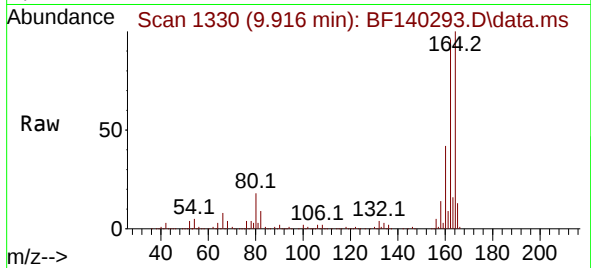
138 0.0 12.9 19.3#



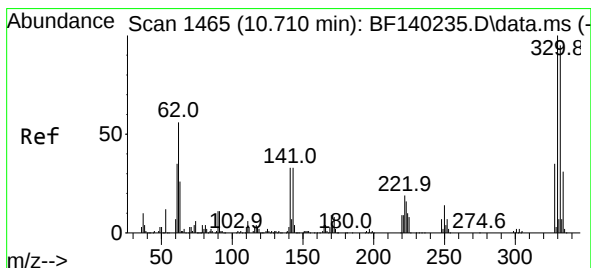
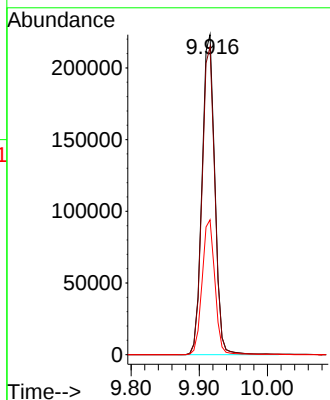
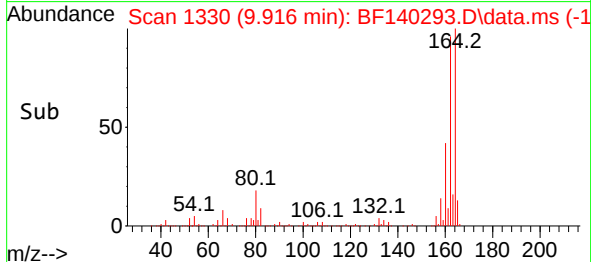


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47

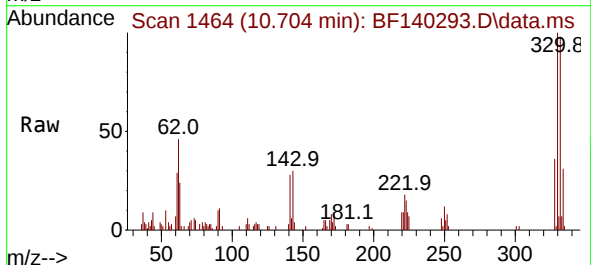
Instrument :
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ClientSampleId :
JC-701-COMP-01DL



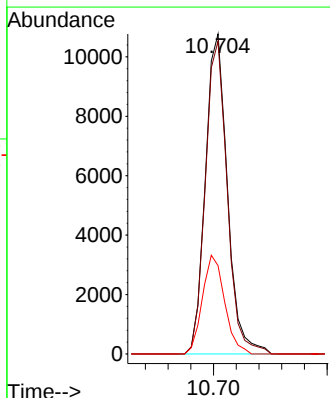
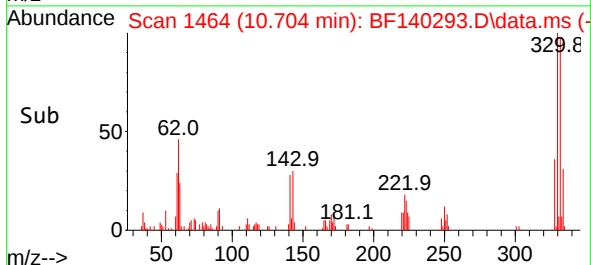
Tgt Ion:164 Resp: 291280
Ion Ratio Lower Upper
164 100
162 96.2 77.0 115.4
160 42.2 34.1 51.1

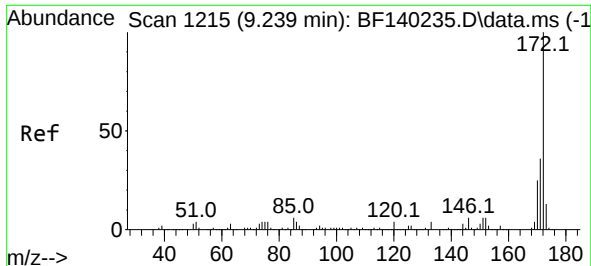


#42
2,4,6-Tribromophenol
Concen: 5.032 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47



Tgt Ion:330 Resp: 14487
Ion Ratio Lower Upper
330 100
332 96.7 76.4 114.6
141 31.1 27.0 40.4





#45

2-Fluorobiphenyl

Concen: 4.066 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140293.D

Acq: 08 Nov 2024 12:47

Instrument :

BNA_F

ClientSampleId :

JC-701-COMP-01DL

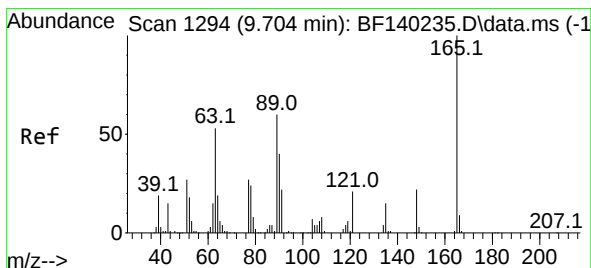
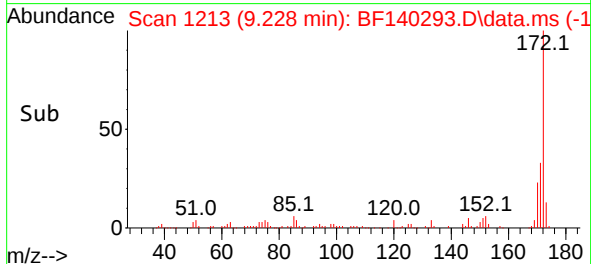
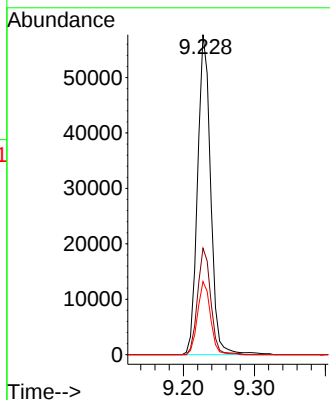
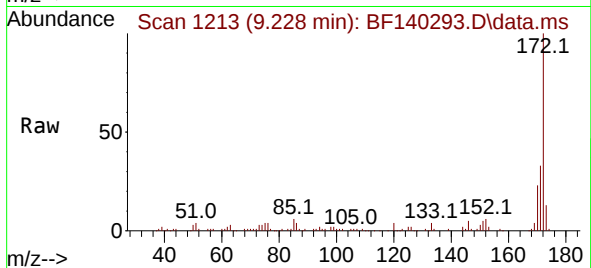
Tgt Ion:172 Resp: 74165

Ion Ratio Lower Upper

172 100

171 33.2 28.8 43.2

170 22.8 19.6 29.4



#51

2,6-Dinitrotoluene

Concen: 8.890 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.212 min

Lab File: BF140293.D

Acq: 08 Nov 2024 12:47

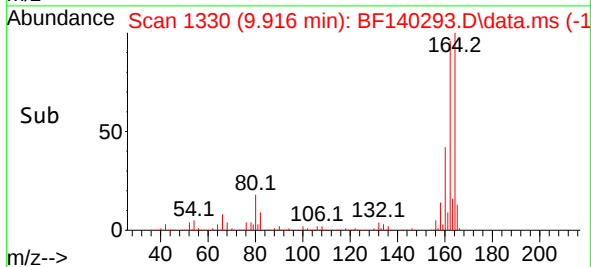
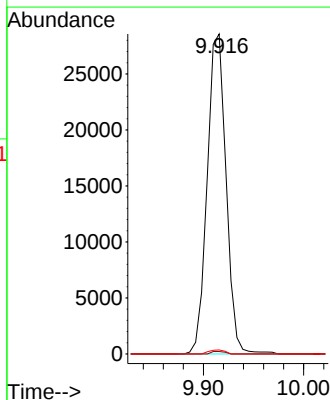
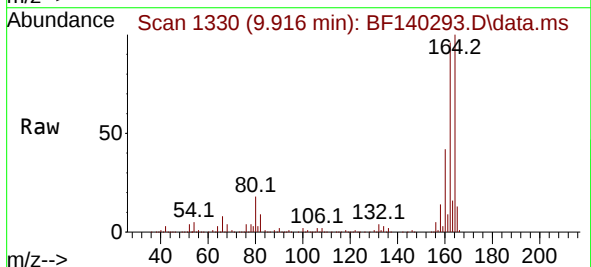
Tgt Ion:165 Resp: 37486

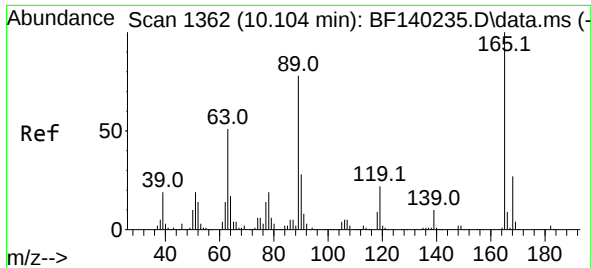
Ion Ratio Lower Upper

165 100

63 0.8 48.8 73.2#

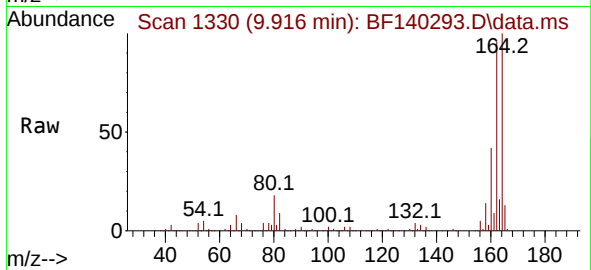
89 1.2 48.1 72.1#



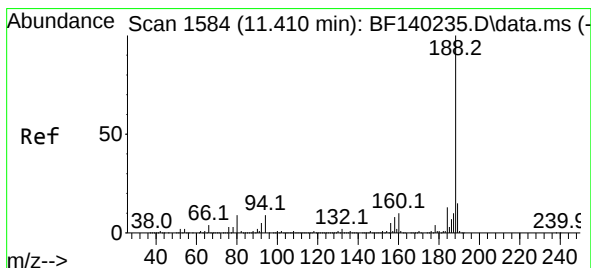
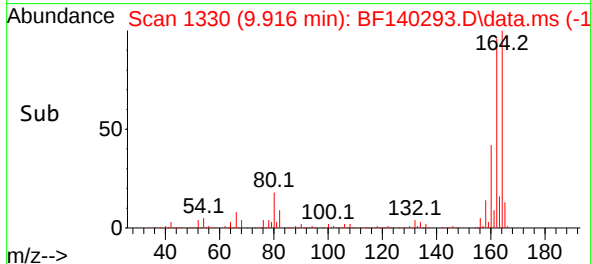
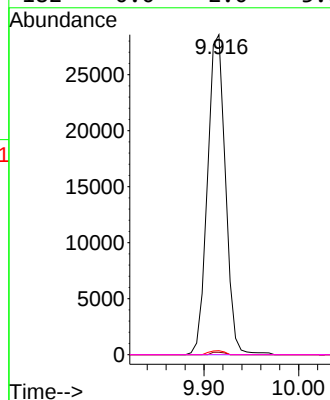


#57
2,4-Dinitrotoluene
Concen: 6.851 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47

Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01DL

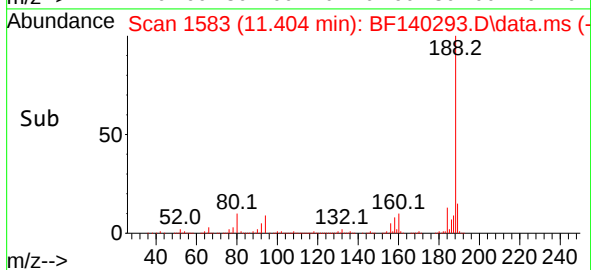
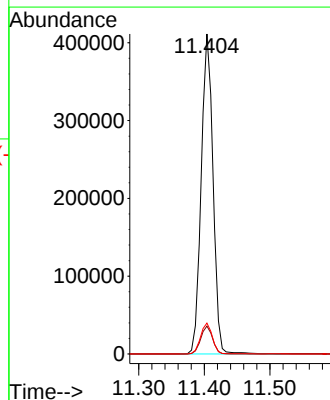
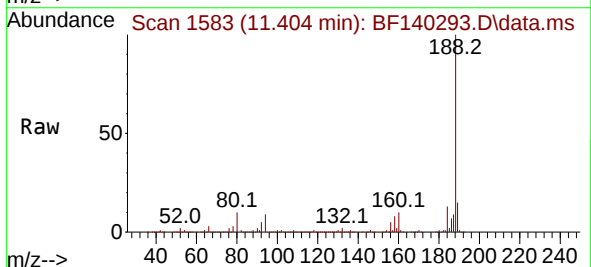


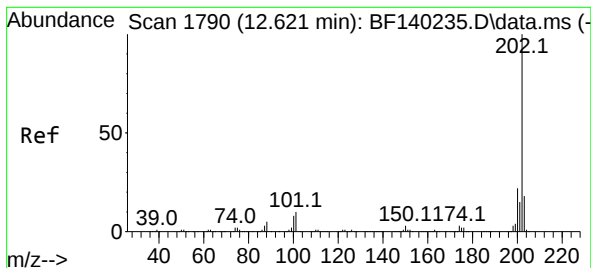
Tgt Ion:165 Resp: 37487
Ion Ratio Lower Upper
165 100
63 0.8 41.3 61.9#
89 1.2 62.6 94.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47

Tgt Ion:188 Resp: 516504
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.7 7.5 11.3

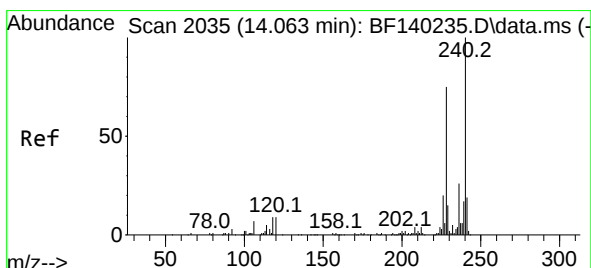
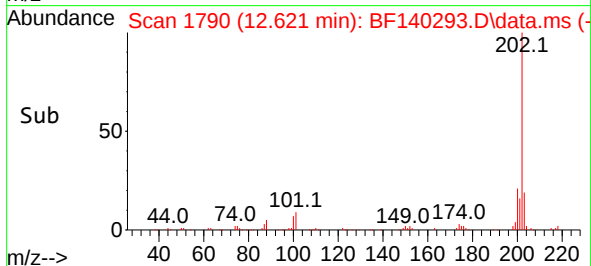
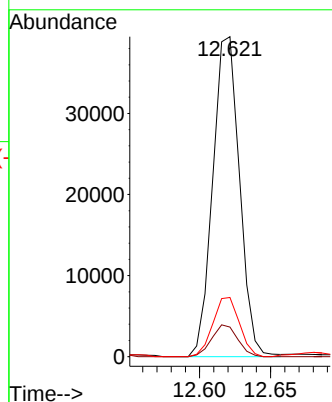
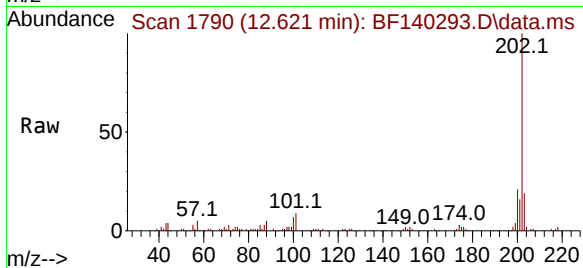




#75
Fluoranthene
Concen: 2.008 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47

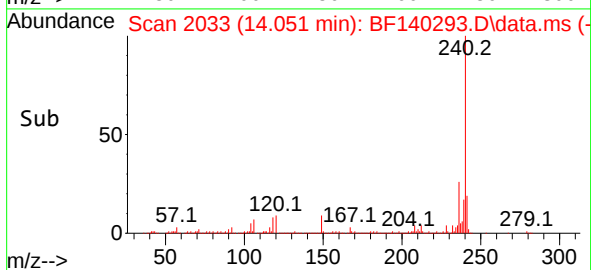
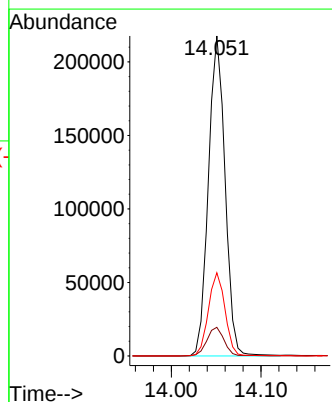
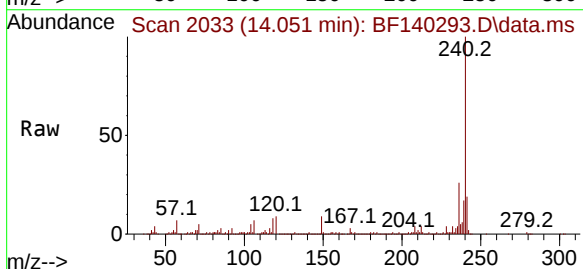
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ClientSampleId :
JC-701-COMP-01DL

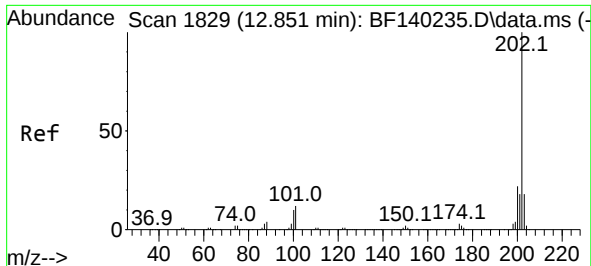
Tgt Ion:202 Resp: 51748
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.4
203 18.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47

Tgt Ion:240 Resp: 280401
Ion Ratio Lower Upper
240 100
120 9.0 7.5 11.3
236 26.0 20.9 31.3

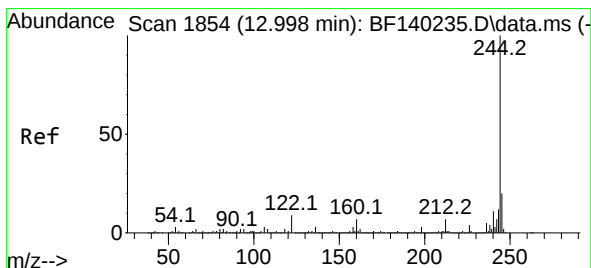
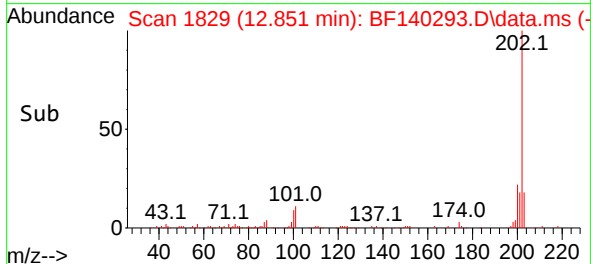
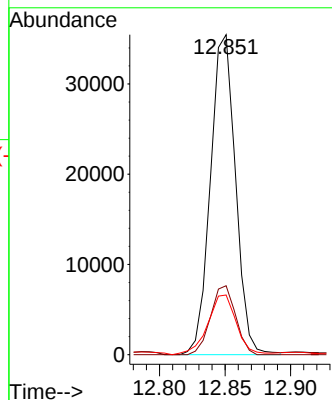
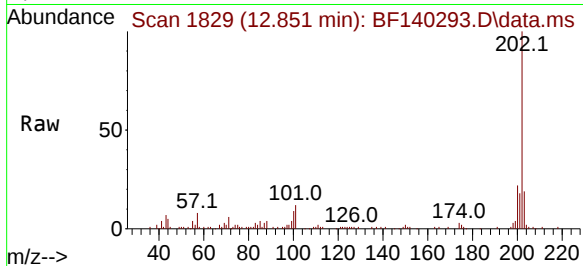




#78
Pyrene
Concen: 2.041 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47

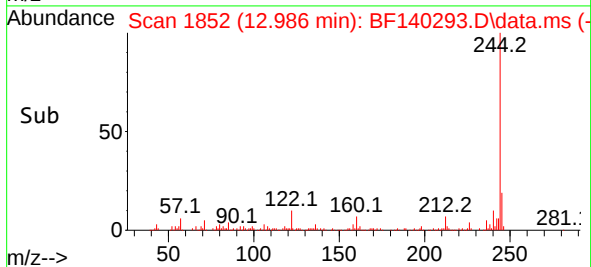
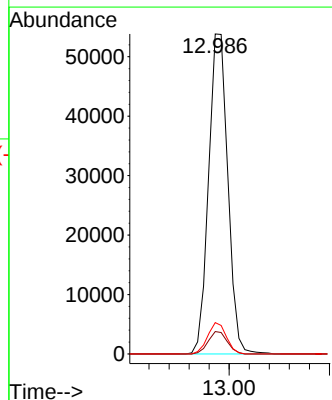
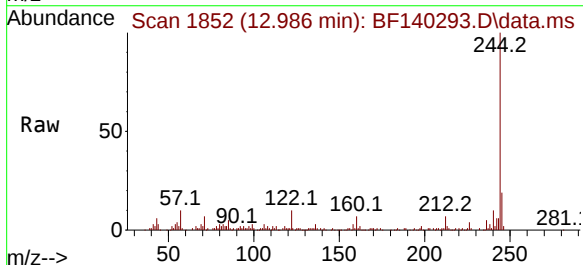
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01DL

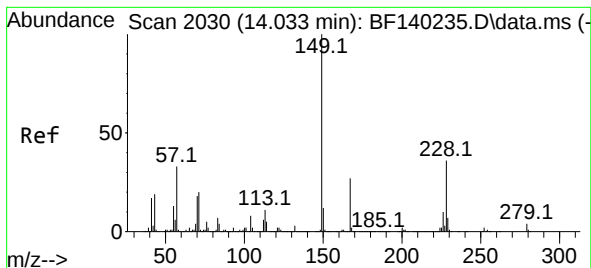
Tgt Ion:202 Resp: 47254
Ion Ratio Lower Upper
202 100
200 21.5 17.5 26.3
203 18.6 14.4 21.6



#79
Terphenyl-d14
Concen: 4.186 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.012 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47

Tgt Ion:244 Resp: 71648
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.8 7.6 11.4

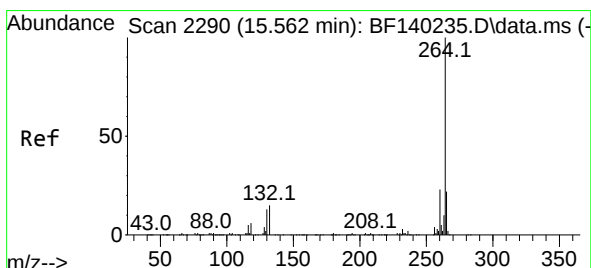
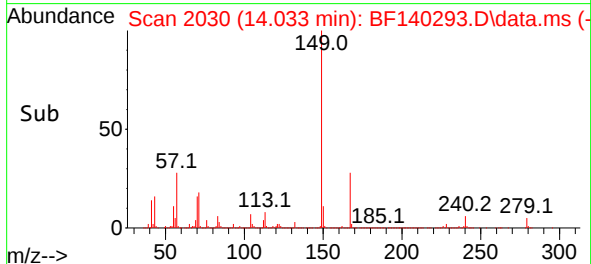
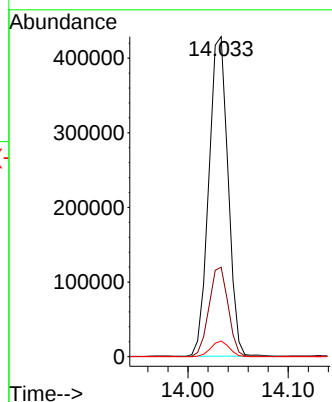
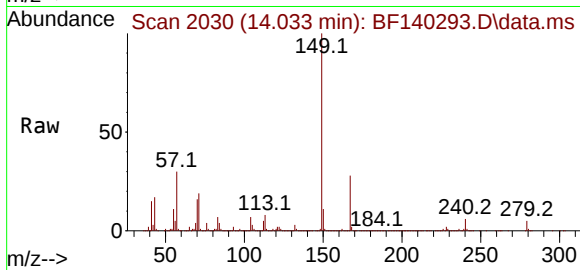




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.925 ng
 RT: 14.033 min Scan# 2030
 Delta R.T. -0.000 min
 Lab File: BF140293.D
 Acq: 08 Nov 2024 12:47

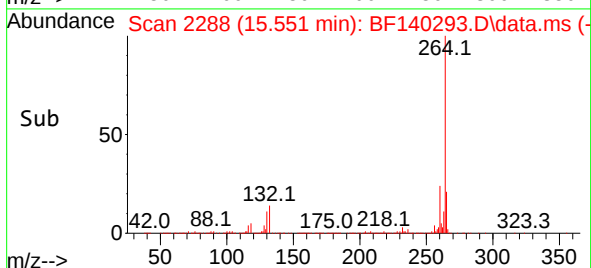
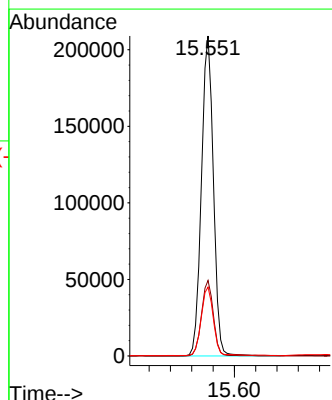
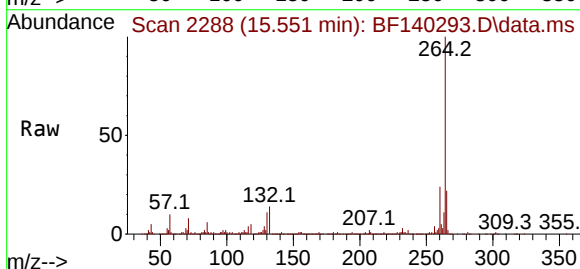
Instrument :
 BNA_F
 ClientSampleId :
 JC-701-COMP-01DL

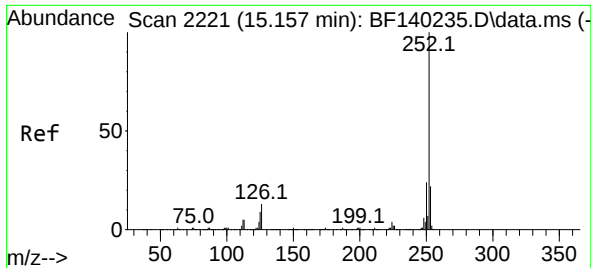
Tgt Ion:149 Resp: 571651
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.8 32.8
 279 4.9 3.2 4.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. -0.012 min
 Lab File: BF140293.D
 Acq: 08 Nov 2024 12:47

Tgt Ion:264 Resp: 325761
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.5 17.3 25.9





#89

Benzo(k)fluoranthene

Concen: 2.140 ng

RT: 15.110 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF140293.D

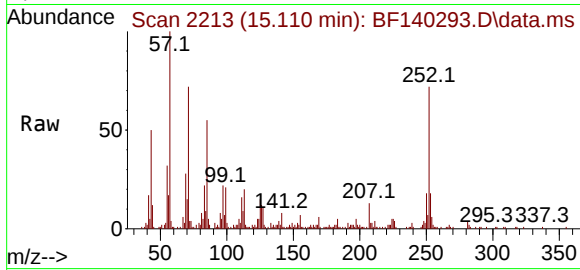
Acq: 08 Nov 2024 12:47

Instrument :

BNA_F

ClientSampleId :

JC-701-COMP-01DL



Tgt Ion:252 Resp: 38691

Ion Ratio Lower Upper

252 100

253 24.6 17.8 26.8

125 20.6 7.2 10.8#

