

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)

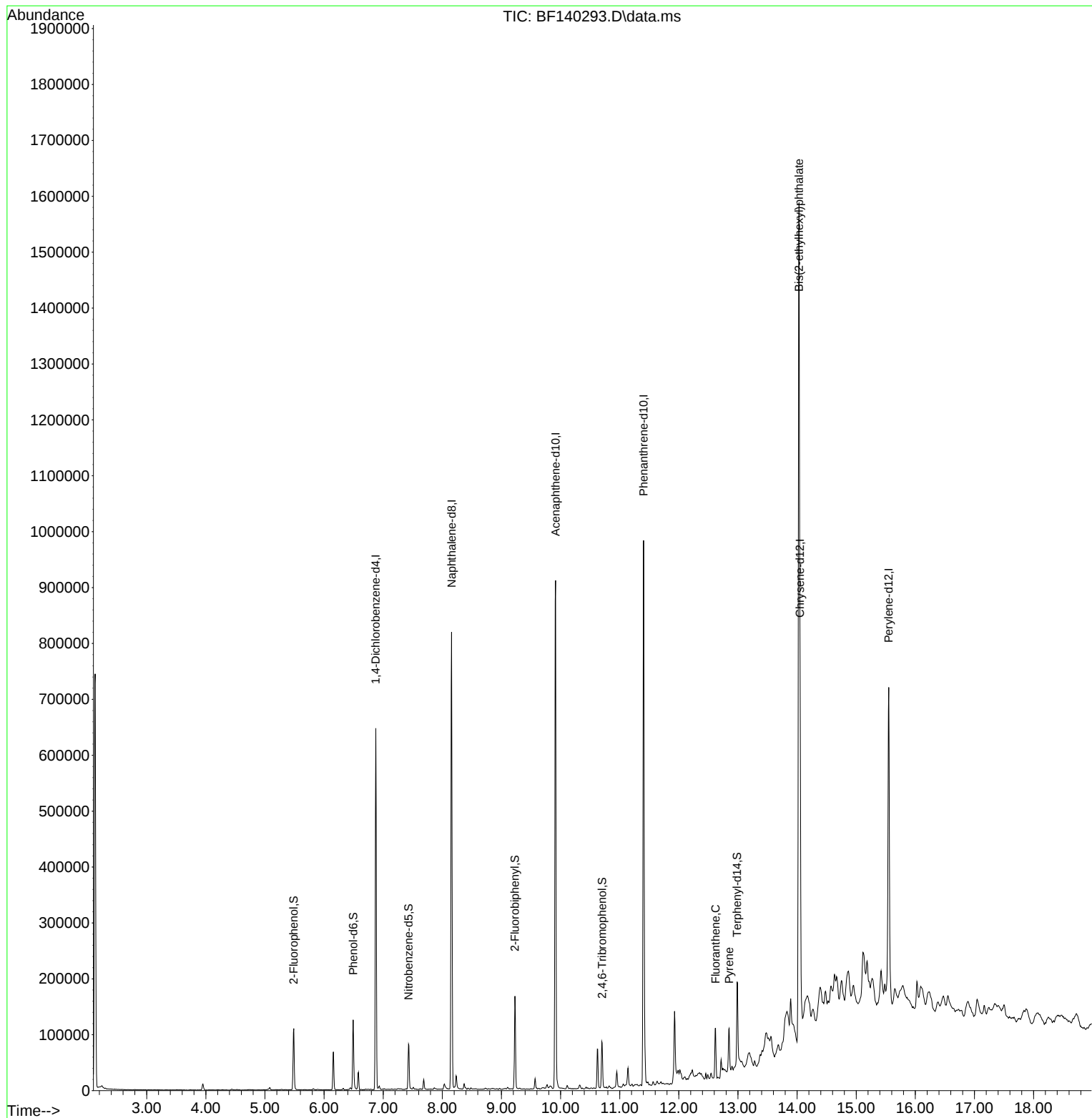
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	132204	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	492322	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	291280	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	516504	20.000	ng	0.00
76) Chrysene-d12	14.051	240	280401	20.000	ng	-0.01
86) Perylene-d12	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
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

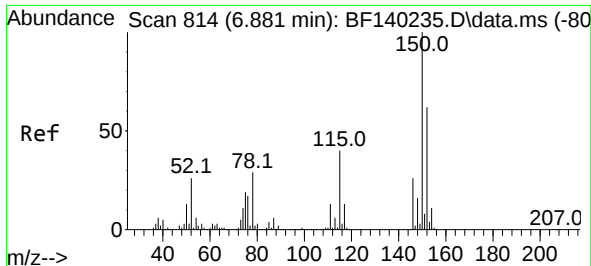
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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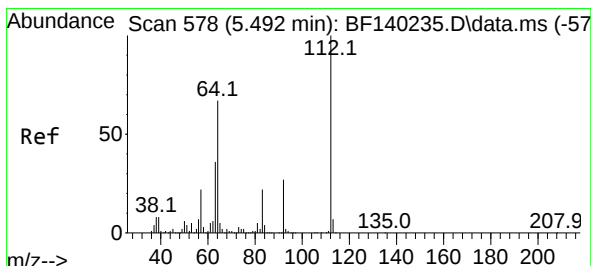
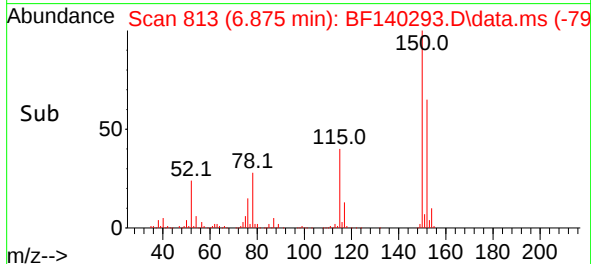
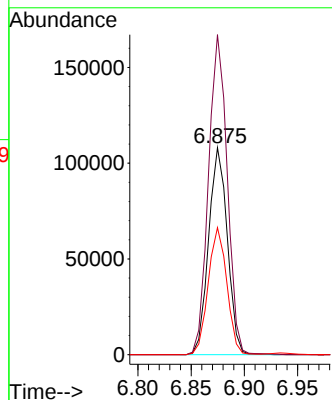
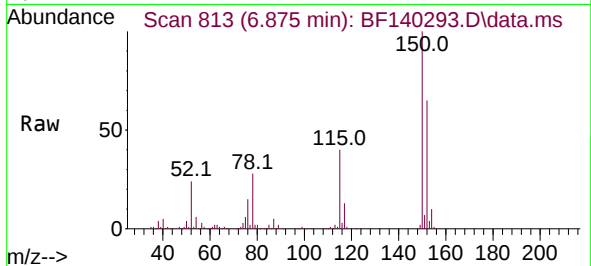




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47

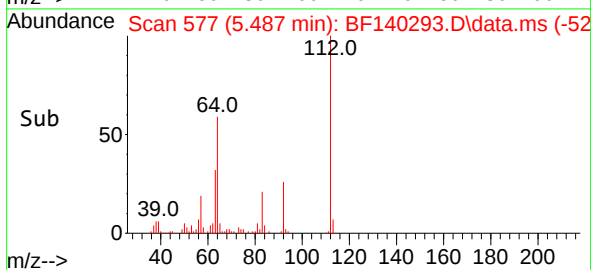
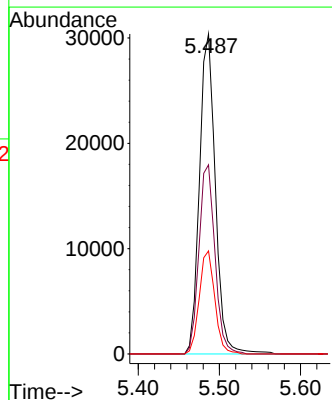
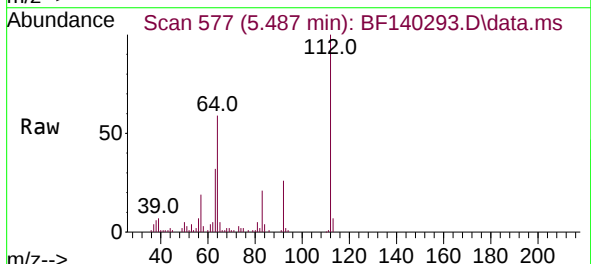
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01DL

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

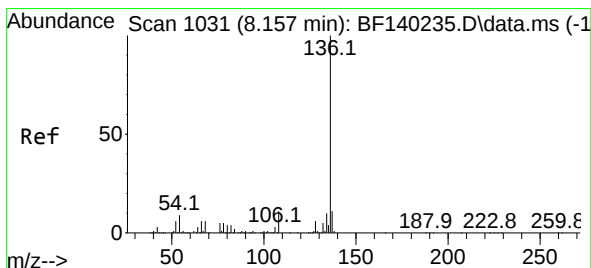
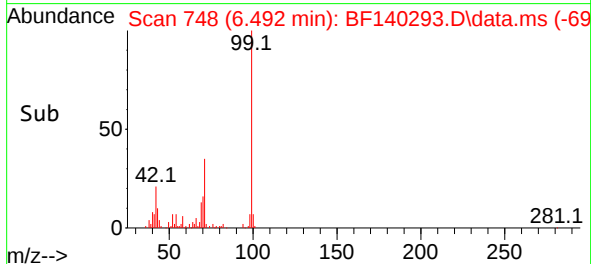
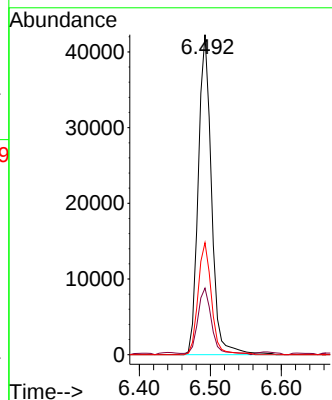
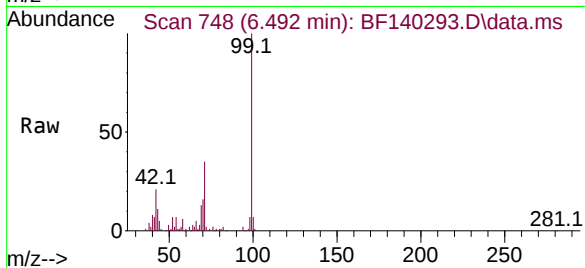




#7
Phenol-d6
Concen: 5.364 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47

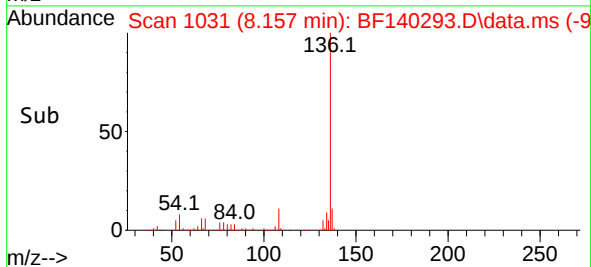
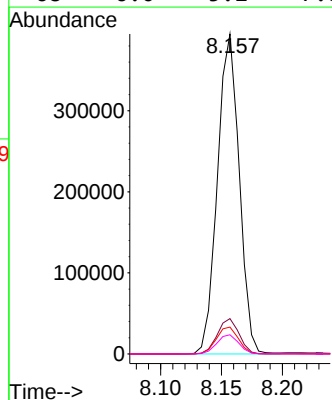
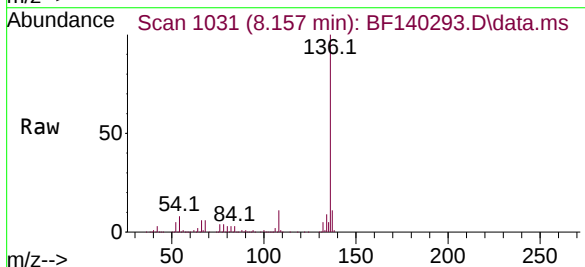
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01DL

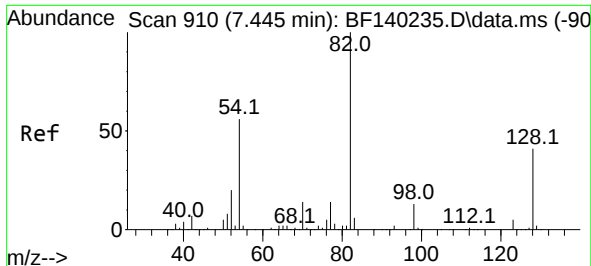
Tgt Ion: 99 Resp: 55040
Ion Ratio Lower Upper
99 100
42 20.8 18.2 27.2
71 35.0 30.9 46.3



#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

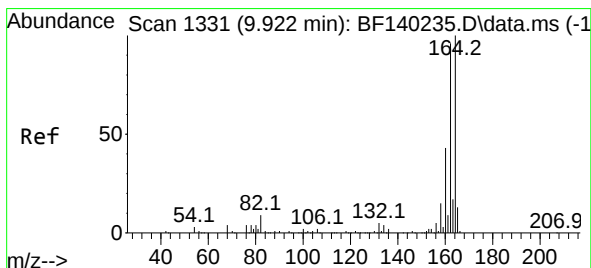
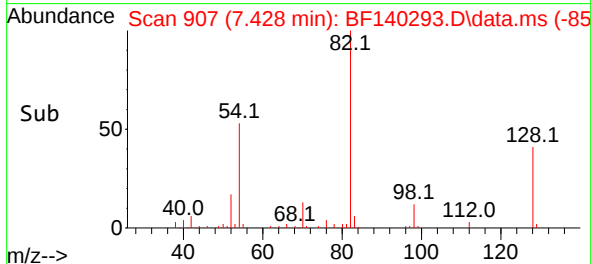
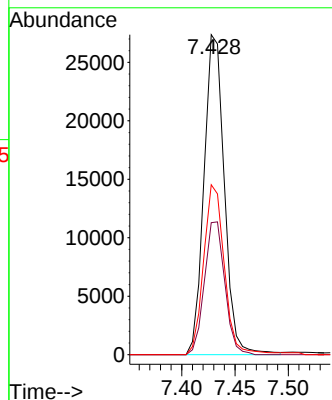
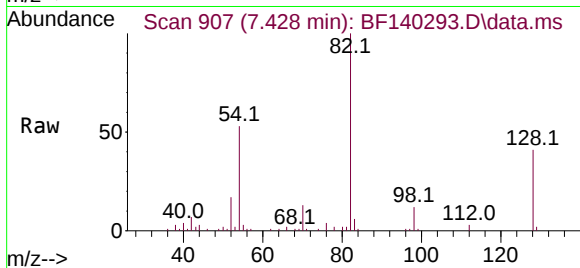




#23
Nitrobenzene-d5
Concen: 3.694 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47

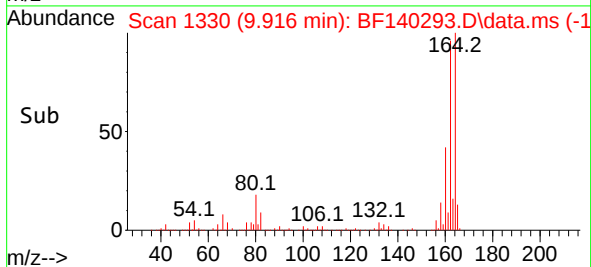
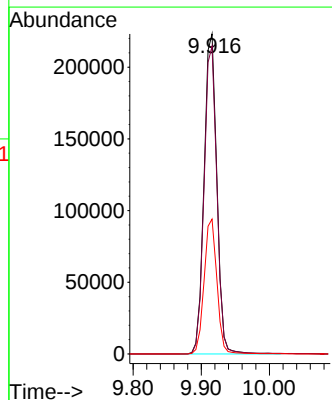
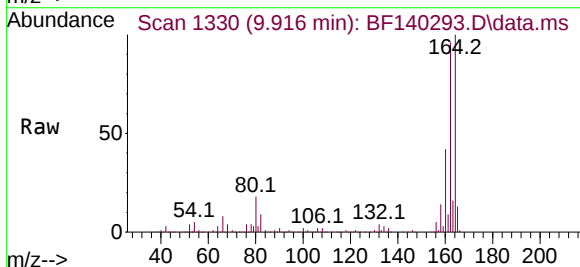
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01DL

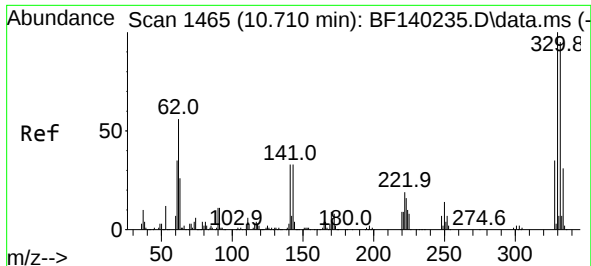
Tgt Ion: 82 Resp: 36577
Ion Ratio Lower Upper
82 100
128 41.3 32.8 49.2
54 53.1 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140293.D
Acq: 08 Nov 2024 12:47

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

Instrument :

BNA_F

ClientSampleId :

JC-701-COMP-01DL

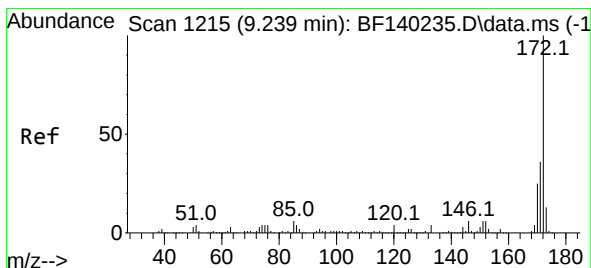
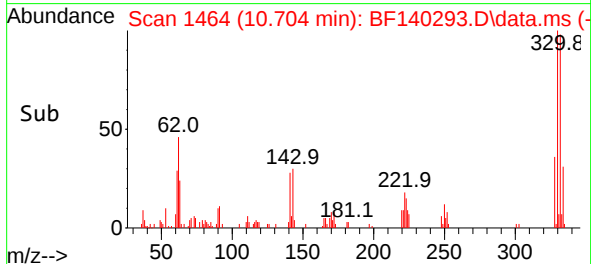
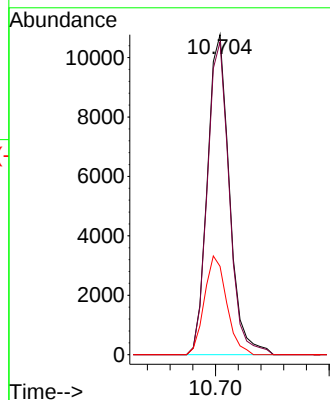
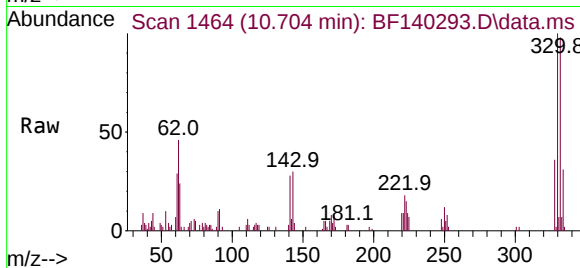
Tgt Ion:330 Resp: 14487

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# 1213

Delta R.T. -0.012 min

Lab File: BF140293.D

Acq: 08 Nov 2024 12:47

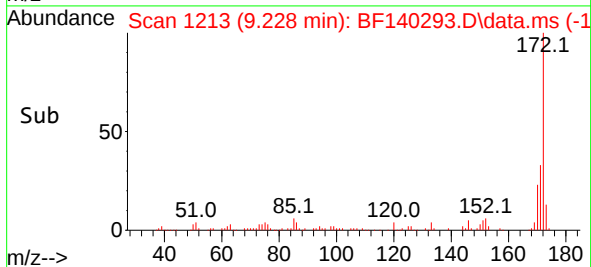
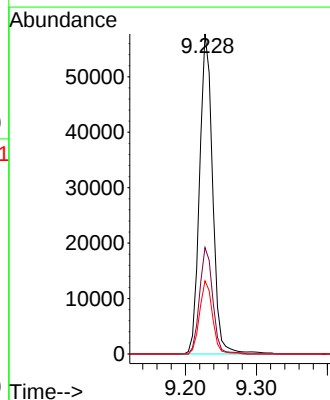
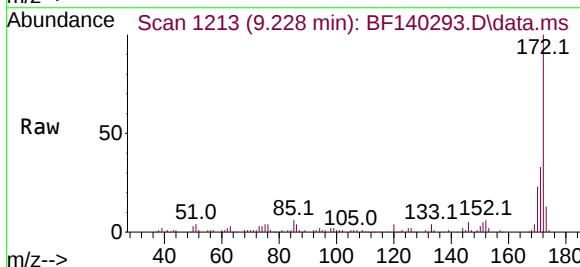
Tgt Ion:172 Resp: 74165

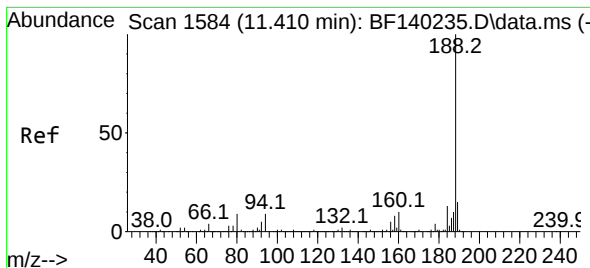
Ion Ratio Lower Upper

172 100

171 33.2 28.8 43.2

170 22.8 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140293.D

Acq: 08 Nov 2024 12:47

Instrument :

BNA_F

ClientSampleId :

JC-701-COMP-01DL

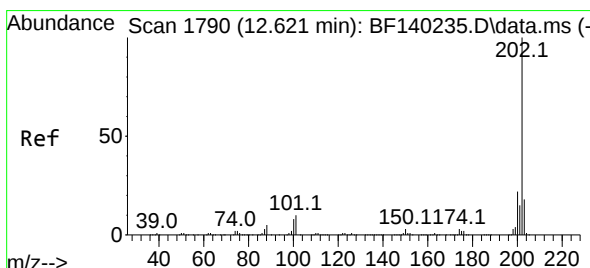
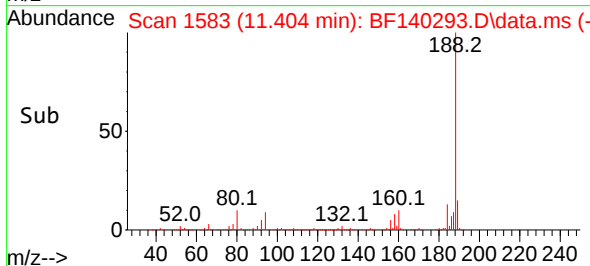
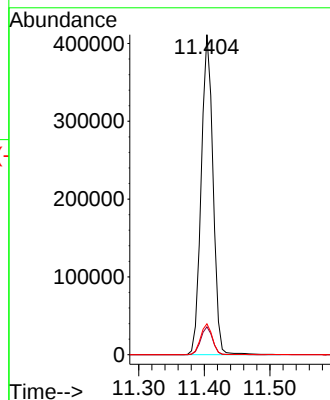
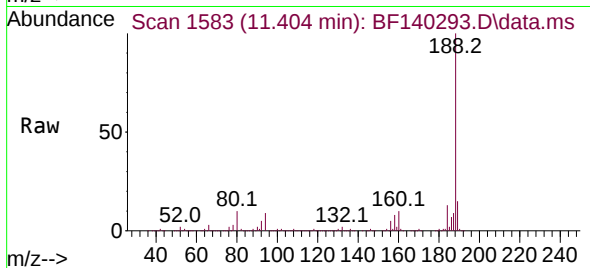
Tgt Ion:188 Resp: 516504

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# 1790

Delta R.T. -0.000 min

Lab File: BF140293.D

Acq: 08 Nov 2024 12:47

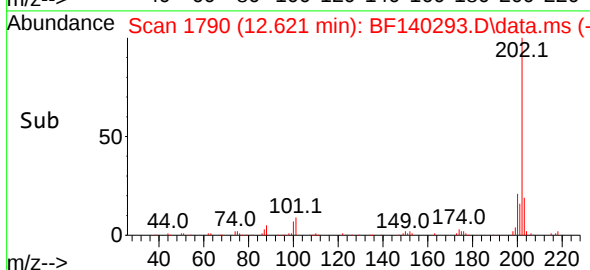
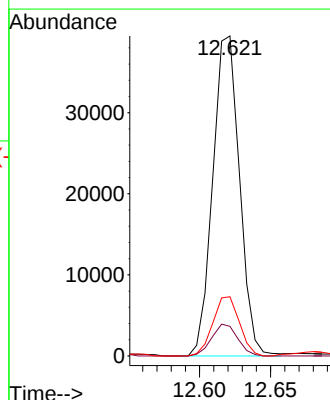
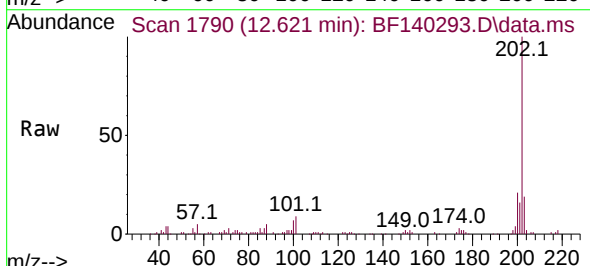
Tgt Ion:202 Resp: 51748

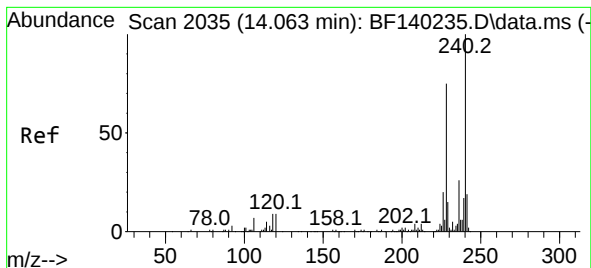
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

JC-701-COMP-01DL

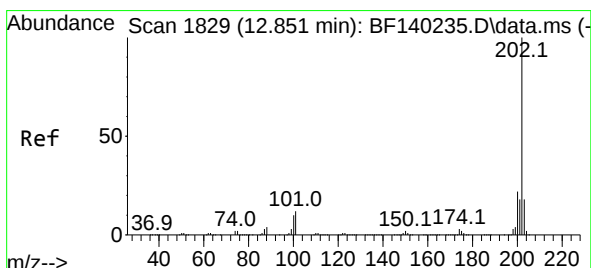
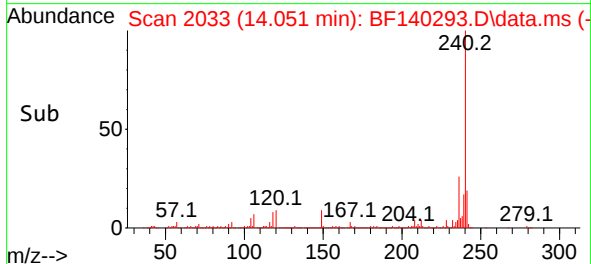
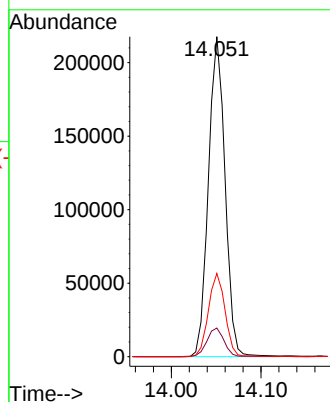
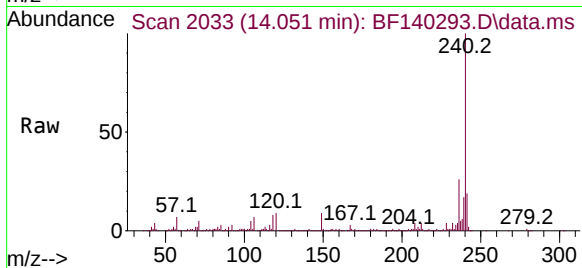
Tgt Ion:240 Resp: 280401

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

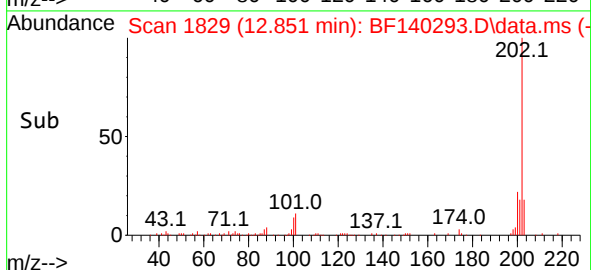
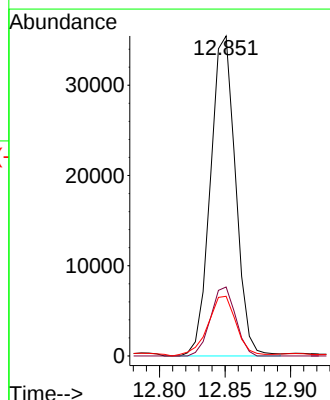
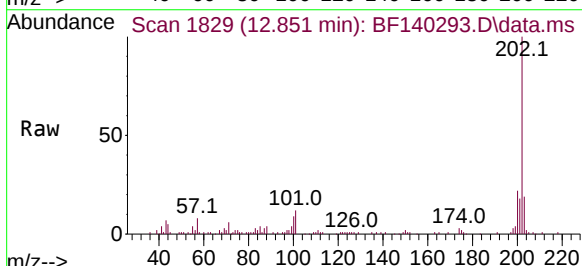
Tgt Ion:202 Resp: 47254

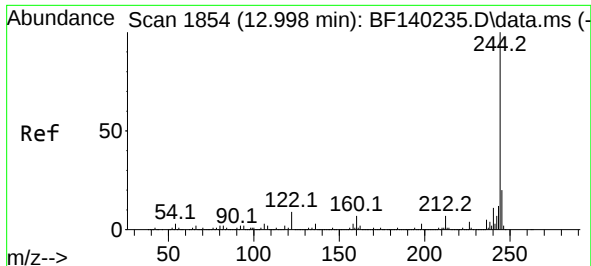
Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

203 18.6 14.4 21.6

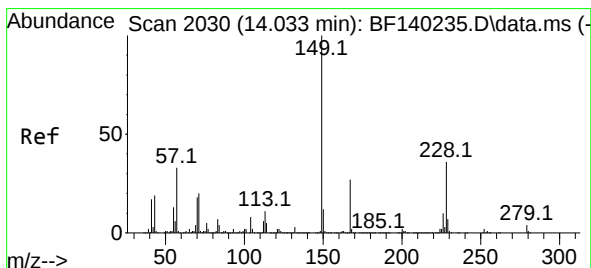
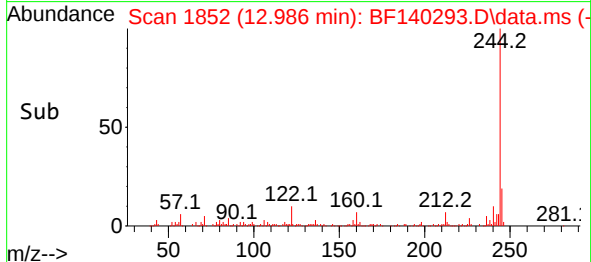
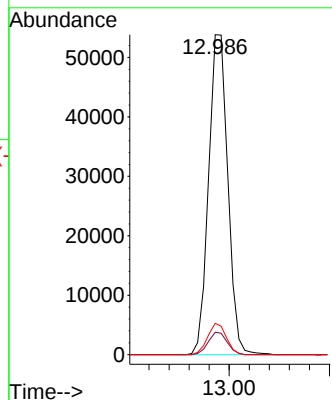
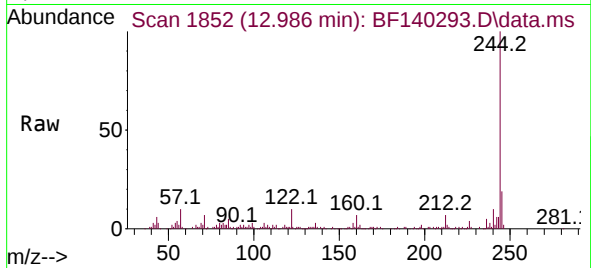




#79
 Terphenyl-d14
 Concen: 4.186 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.012 min
 Lab File: BF140293.D
 Acq: 08 Nov 2024 12:47

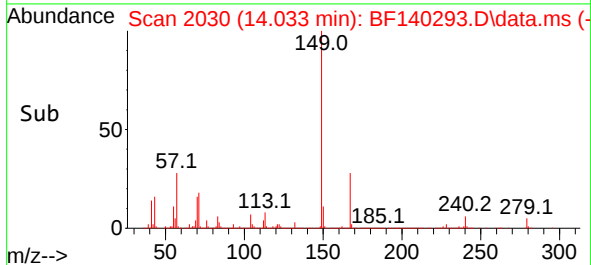
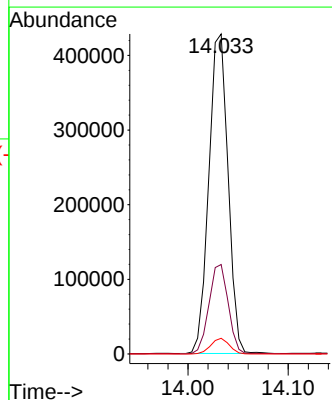
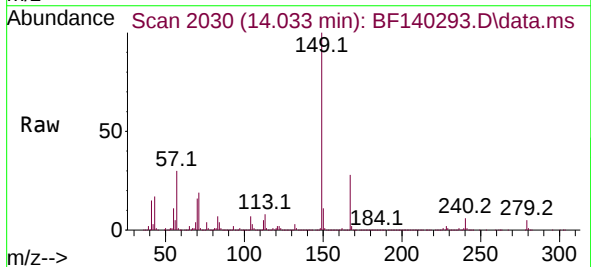
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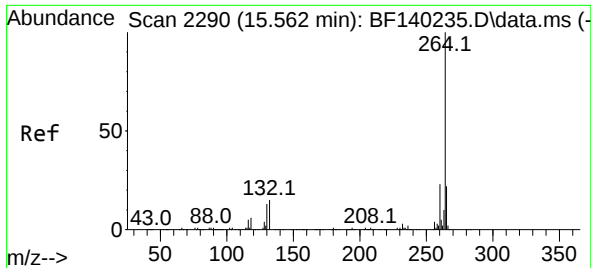
Tgt Ion:244 Resp: 71648
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.8 7.6 11.4



#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

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# 21

Delta R.T. -0.012 min

Lab File: BF140293.D

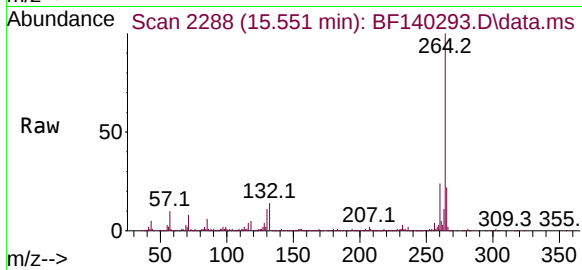
Acq: 08 Nov 2024 12:47

Instrument :

BNA_F

ClientSampleId :

JC-701-COMP-01DL



Tgt Ion:264 Resp: 325761

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.5 17.3 25.9

