

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137293.D
 Acq On : 06 Feb 2024 15:49
 Operator : CG\JU
 Sample : PB158779TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158779TB

Quant Time: Feb 06 16:14:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	63984	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	251830	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	153163	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	315173	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	278617	20.000	ng	0.00
86) Perylene-d12	15.457	264	255023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	579759	149.514	ng	0.02
7) Phenol-d6	6.428	99	762768	137.839	ng	0.00
23) Nitrobenzene-d5	7.351	82	512594	91.132	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	257562	148.901	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	951615	85.409	ng	0.00
79) Terphenyl-d14	12.921	244	1410467	68.820	ng	0.00

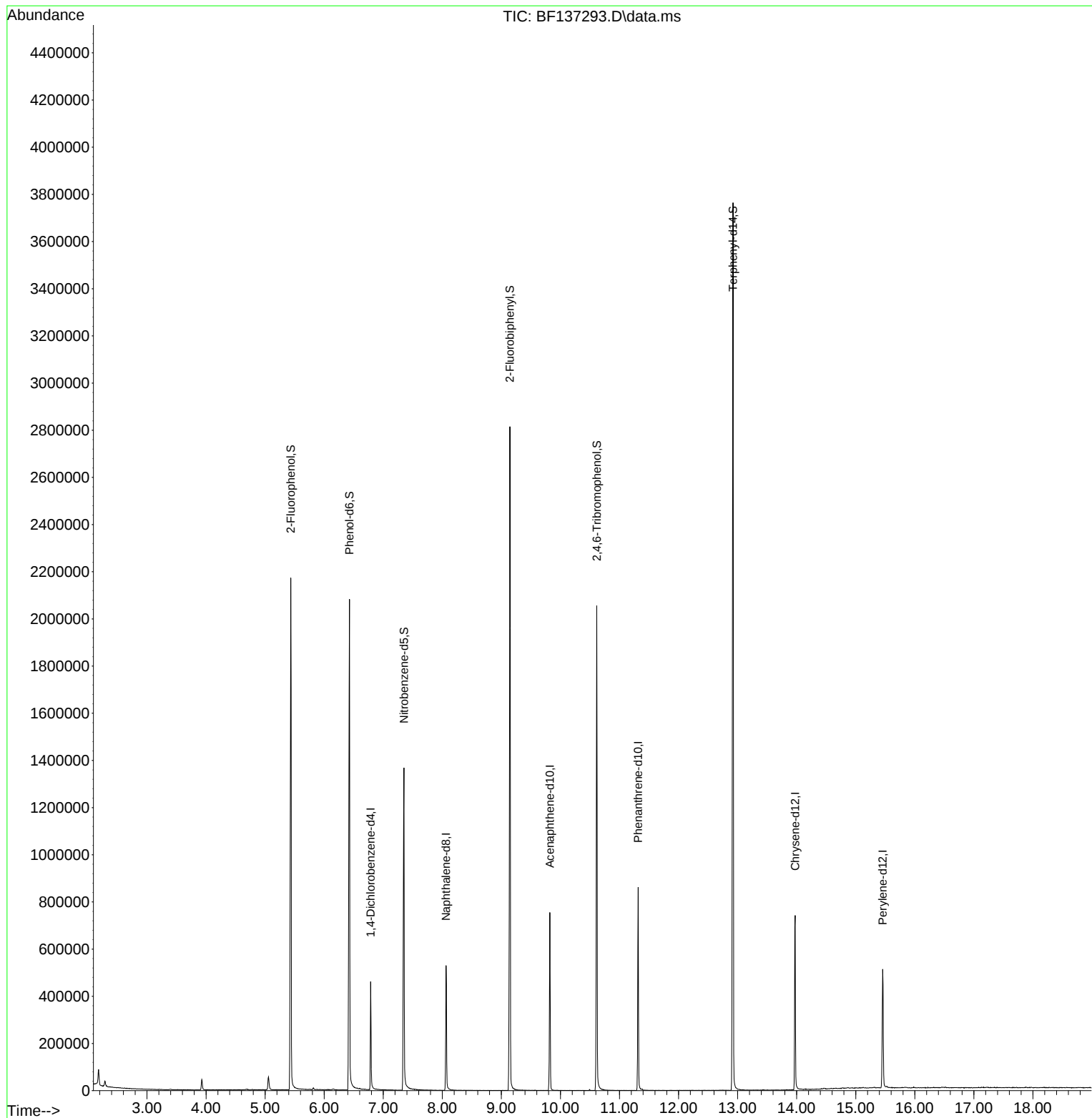
Target Compounds	Qvalue

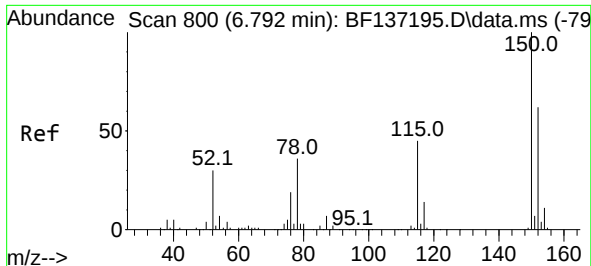
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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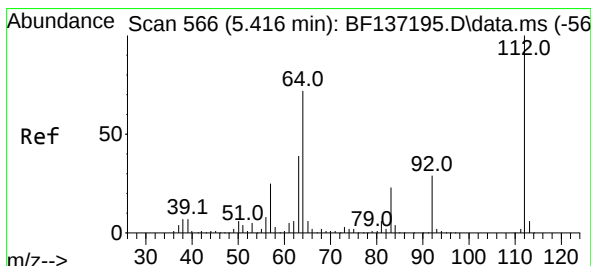
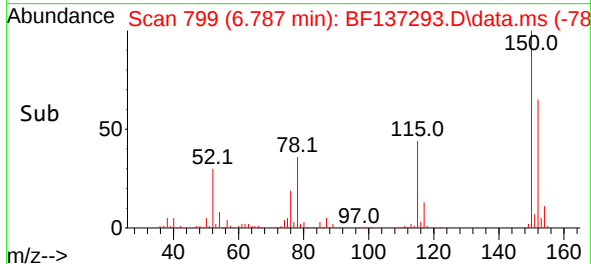
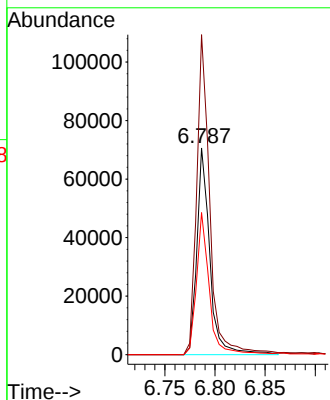
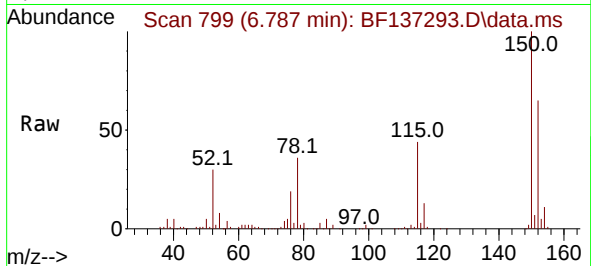




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

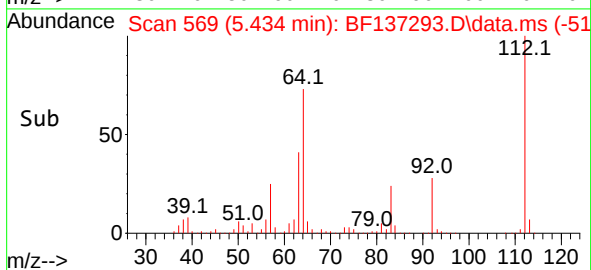
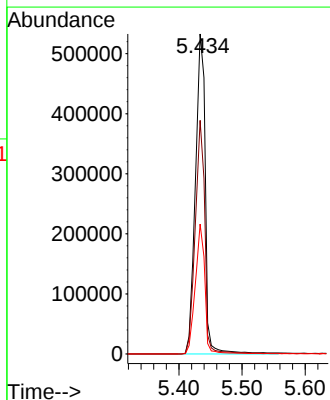
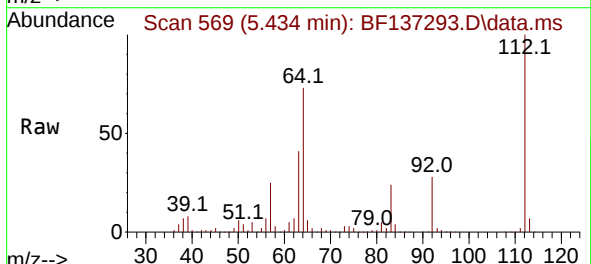
Instrument :
BNA_F
ClientSampleId :
PB158779TB

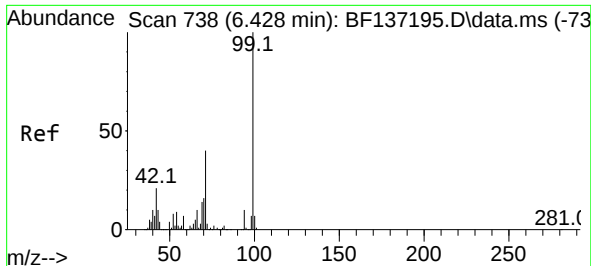
Tgt Ion:152 Resp: 63984
Ion Ratio Lower Upper
152 100
150 154.8 129.8 194.8
115 68.7 58.5 87.7



#5
2-Fluorophenol
Concen: 149.514 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

Tgt Ion:112 Resp: 579759
Ion Ratio Lower Upper
112 100
64 73.0 57.8 86.6
63 40.6 31.4 47.0





#7
Phenol-d6
Concen: 137.839 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

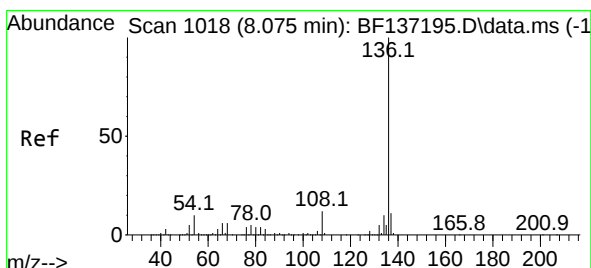
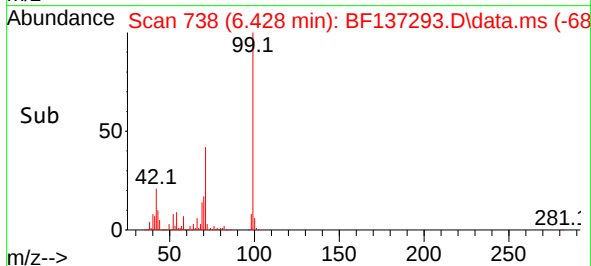
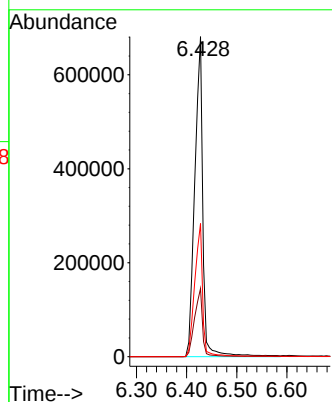
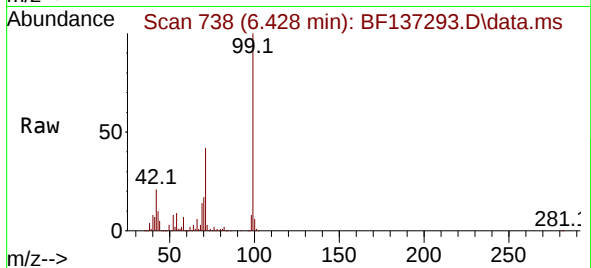
Instrument :

BNA_F

ClientSampleId :

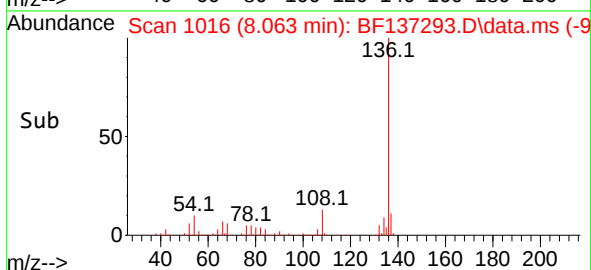
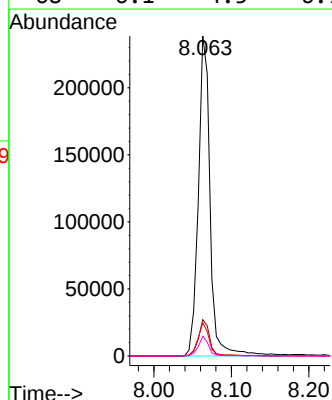
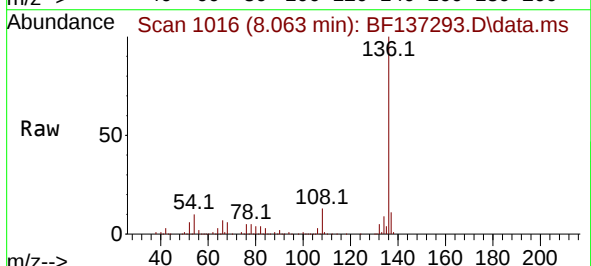
PB158779TB

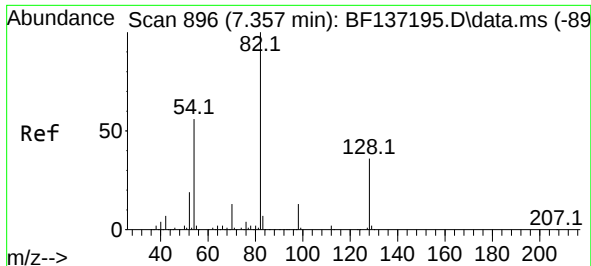
Tgt Ion: 99 Resp: 762768
Ion Ratio Lower Upper
99 100
42 21.3 16.4 24.6
71 41.6 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

Tgt Ion: 136 Resp: 251830
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 10.4 7.8 11.8
68 6.1 4.5 6.7

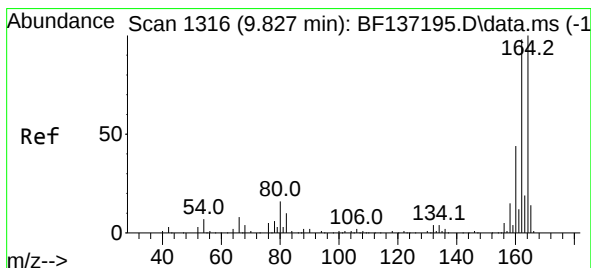
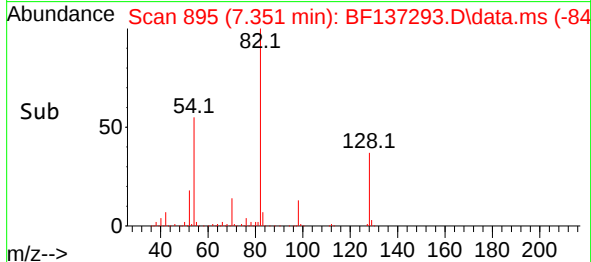
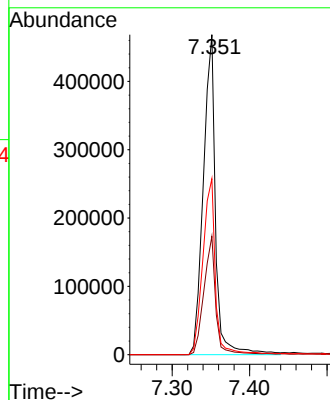
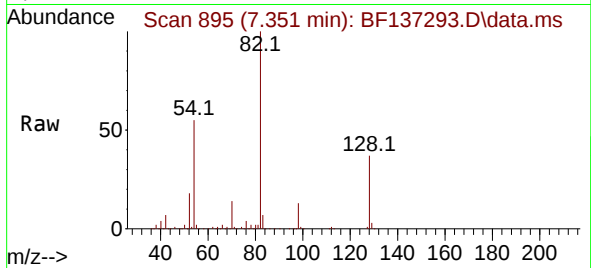




#23
Nitrobenzene-d5
Concen: 91.132 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

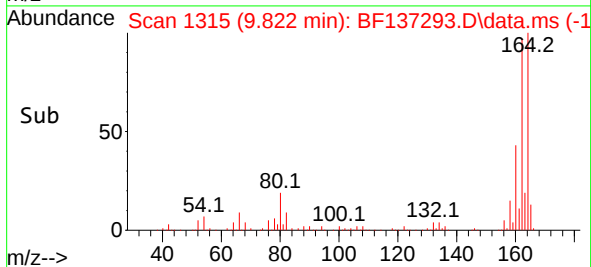
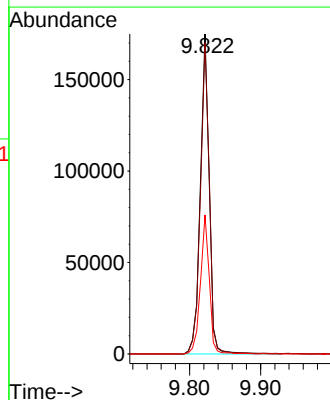
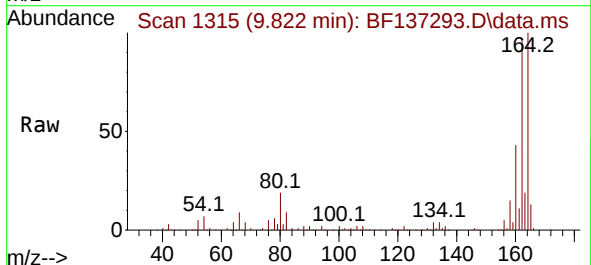
Instrument :
BNA_F
ClientSampleId :
PB158779TB

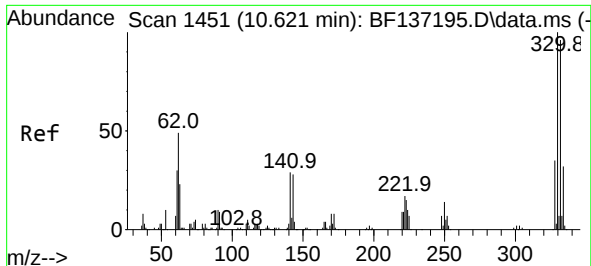
Tgt Ion: 82 Resp: 512594
Ion Ratio Lower Upper
82 100
128 37.0 29.1 43.7
54 55.0 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

Tgt Ion:164 Resp: 153163
Ion Ratio Lower Upper
164 100
162 97.3 78.3 117.5
160 43.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 148.901 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137293.D

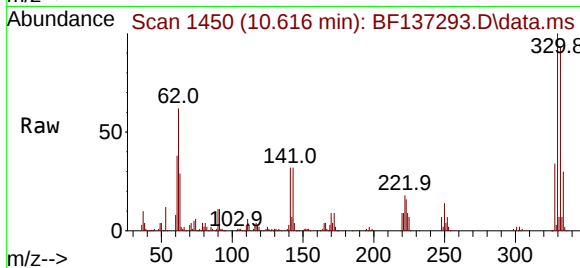
Acq: 06 Feb 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB158779TB



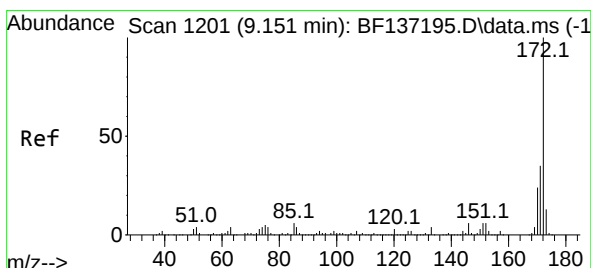
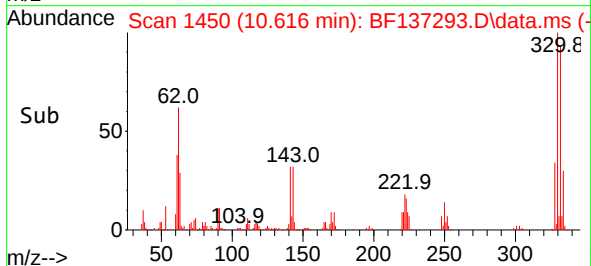
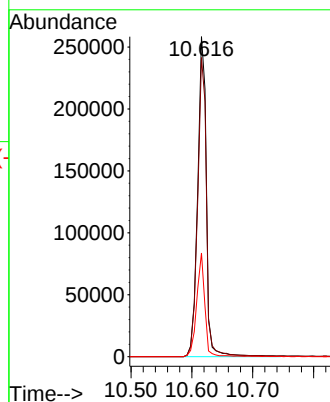
Tgt Ion:330 Resp: 257562

Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

141 30.3 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 85.409 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137293.D

Acq: 06 Feb 2024 15:49

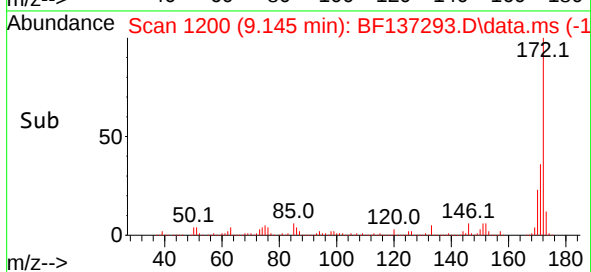
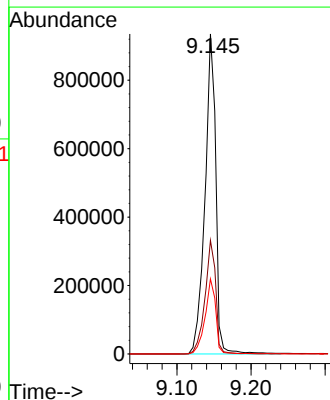
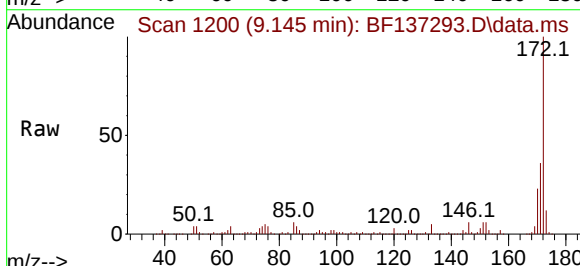
Tgt Ion:172 Resp: 951615

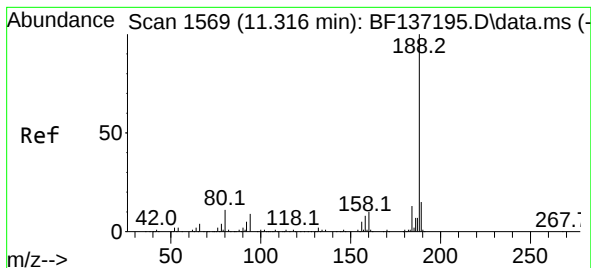
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137293.D

Acq: 06 Feb 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB158779TB

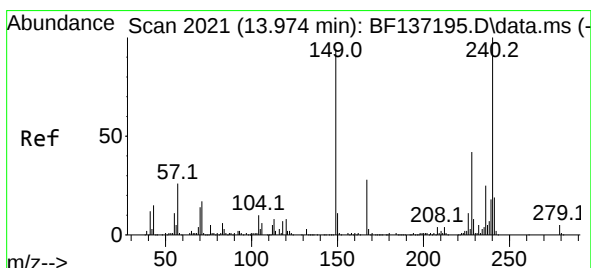
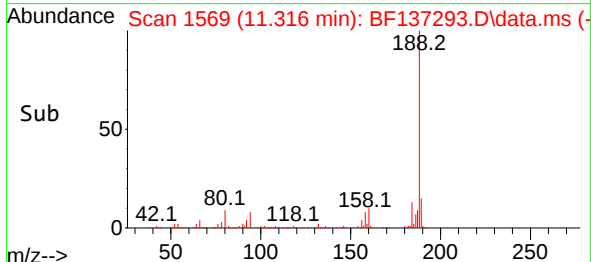
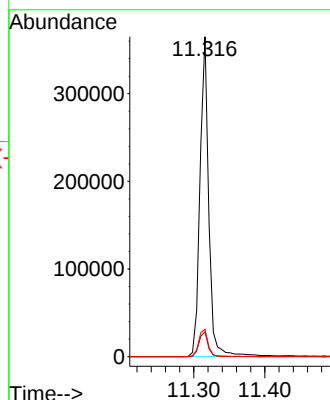
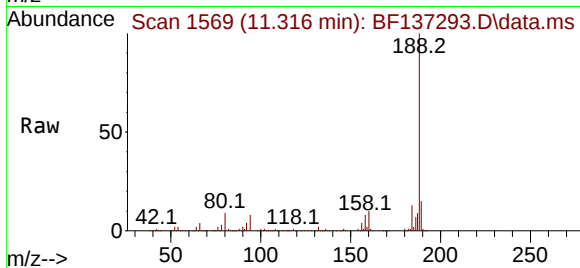
Tgt Ion:188 Resp: 315173

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.4

80 8.6 8.8 13.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF137293.D

Acq: 06 Feb 2024 15:49

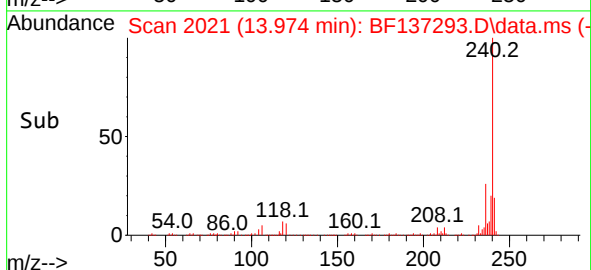
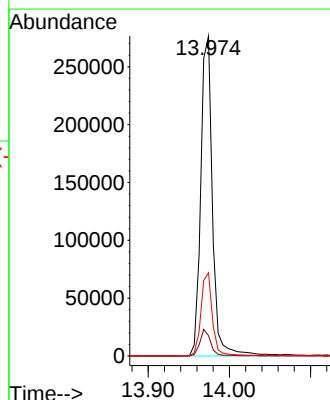
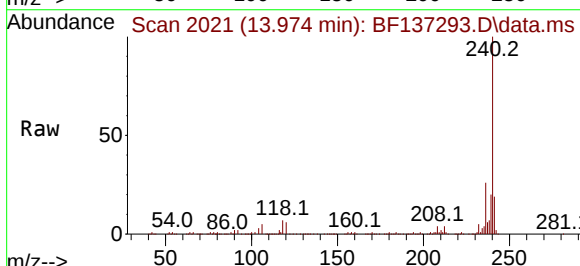
Tgt Ion:240 Resp: 278617

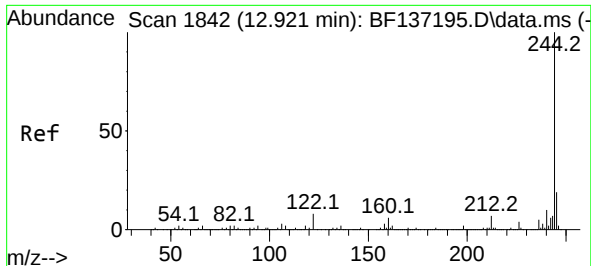
Ion Ratio Lower Upper

240 100

120 6.4 6.3 9.5

236 26.0 20.3 30.5





#79

Terphenyl-d14

Concen: 68.820 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF137293.D

Acq: 06 Feb 2024 15:49

Instrument :

BNA_F

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PB158779TB

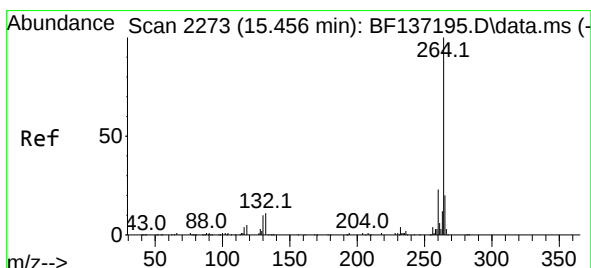
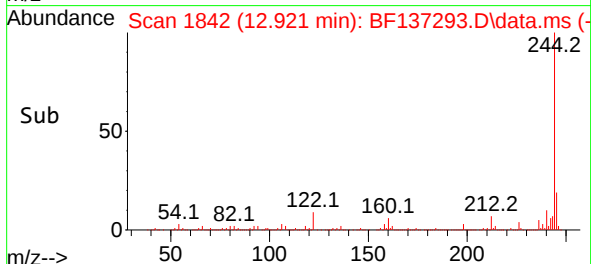
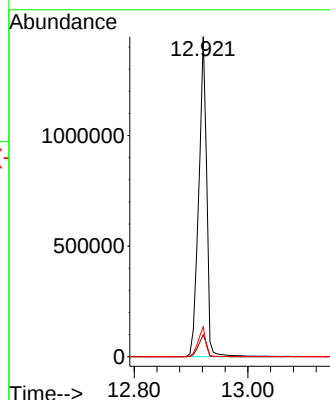
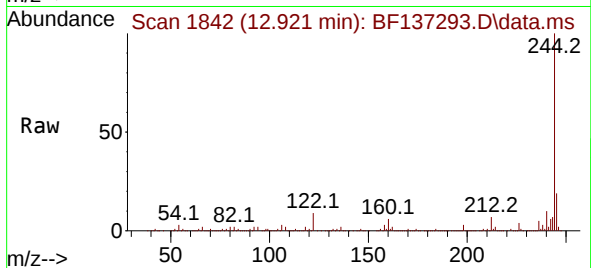
Tgt Ion:244 Resp: 1410467

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.3 6.2 9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF137293.D

Acq: 06 Feb 2024 15:49

Tgt Ion:264 Resp: 255023

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.4

265 22.3 16.2 24.2

