

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
 Data File : BF137352.D
 Acq On : 08 Feb 2024 22:15
 Operator : CG\JU
 Sample : P1367-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-6-7-9

Quant Time: Feb 09 01:41:21 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	99600	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	383405	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	204619	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	339904	20.000	ng	0.00
76) Chrysene-d12	13.963	240	226853	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	246094	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	845691	140.106	ng	0.02
7) Phenol-d6	6.428	99	993502	115.335	ng	0.00
23) Nitrobenzene-d5	7.345	82	812200	94.844	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	281236	121.701	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1299146	87.279	ng	0.00
79) Terphenyl-d14	12.910	244	1323670	79.323	ng	-0.01

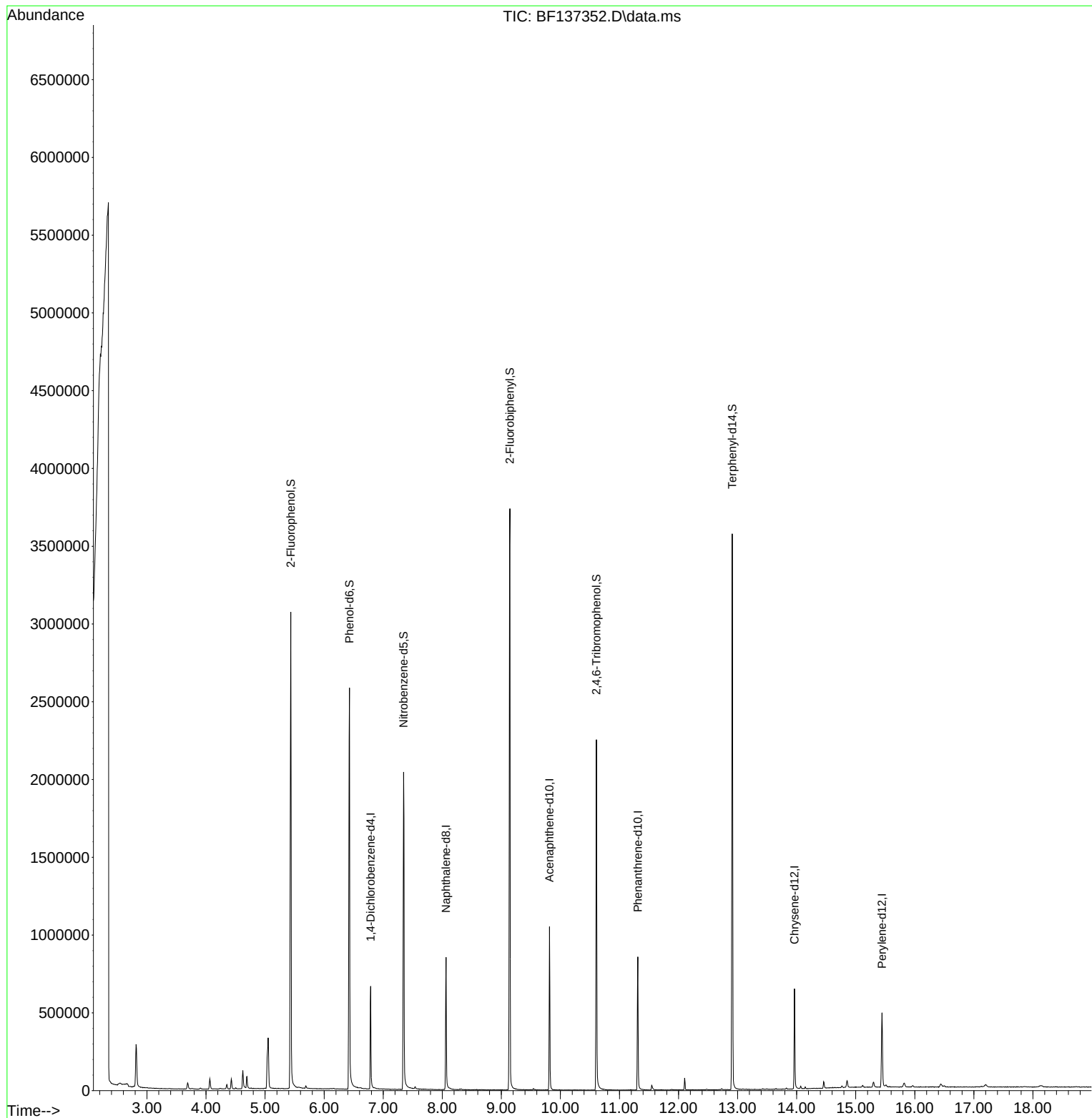
Target Compounds	Qvalue

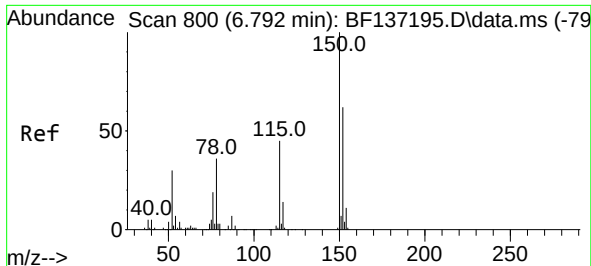
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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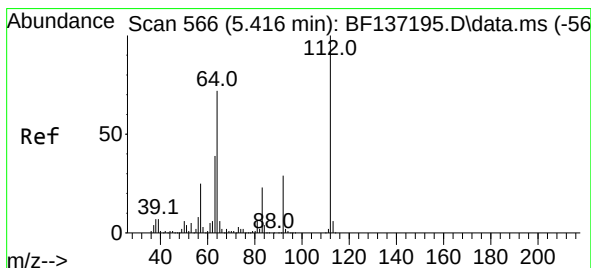
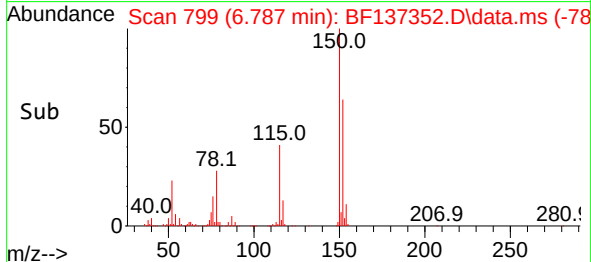
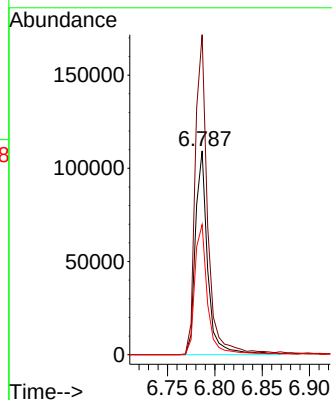
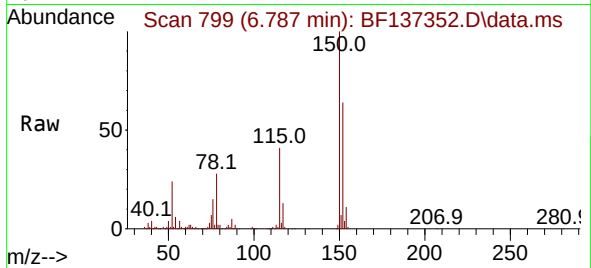




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137352.D
Acq: 08 Feb 2024 22:15

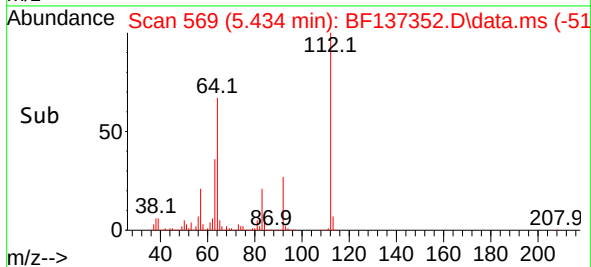
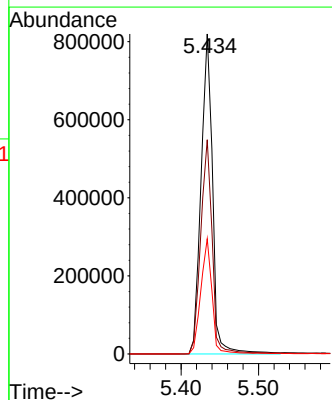
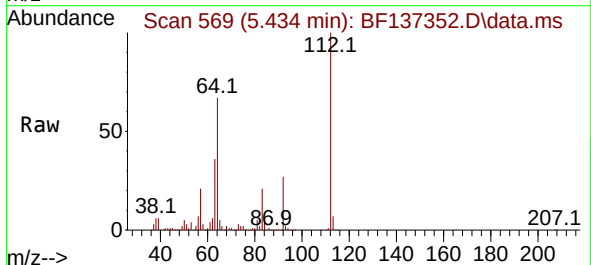
Instrument :
BNA_F
ClientSampleId :
EB-6-7-9

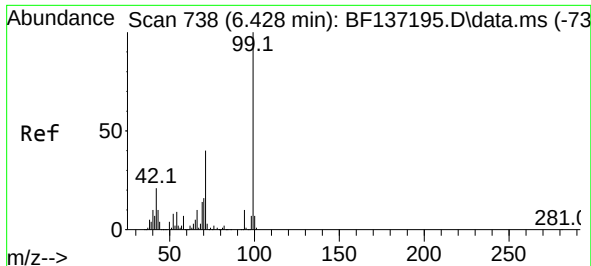
Tgt Ion:152 Resp: 99600
Ion Ratio Lower Upper
152 100
150 157.0 129.8 194.8
115 63.8 58.5 87.7



#5
2-Fluorophenol
Concen: 140.106 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137352.D
Acq: 08 Feb 2024 22:15

Tgt Ion:112 Resp: 845691
Ion Ratio Lower Upper
112 100
64 66.9 57.8 86.6
63 36.0 31.4 47.0

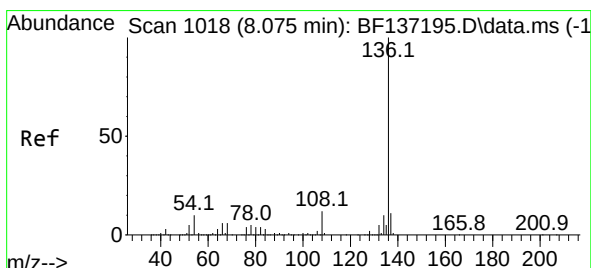
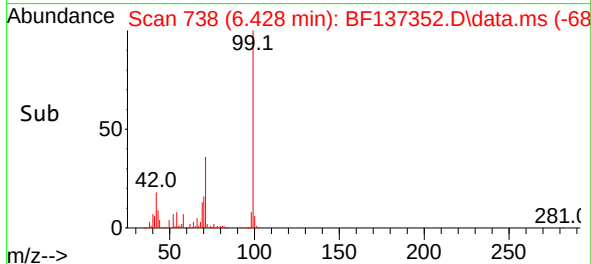
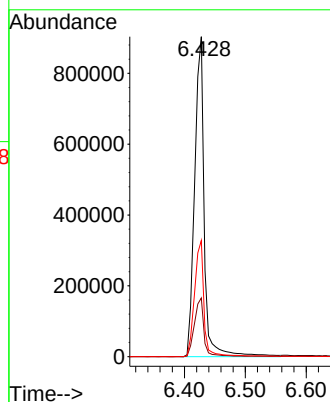
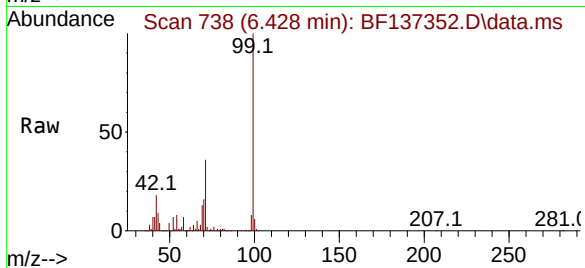




#7
Phenol-d6
Concen: 115.335 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137352.D
Acq: 08 Feb 2024 22:15

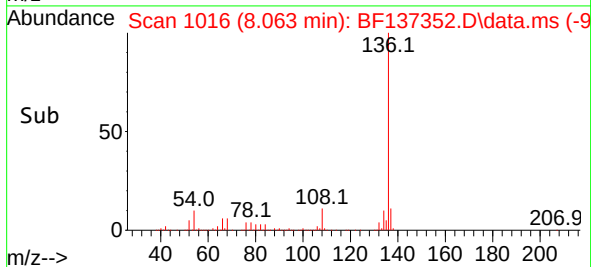
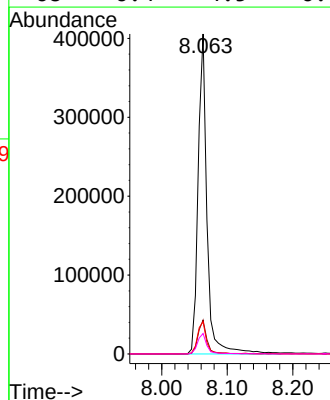
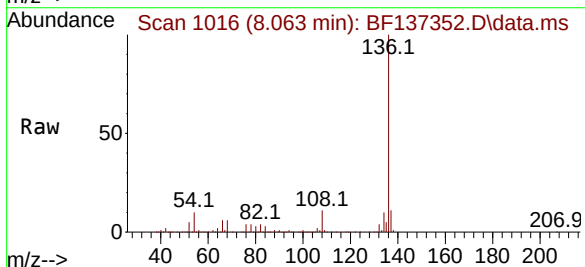
Instrument :
BNA_F
ClientSampleId :
EB-6-7-9

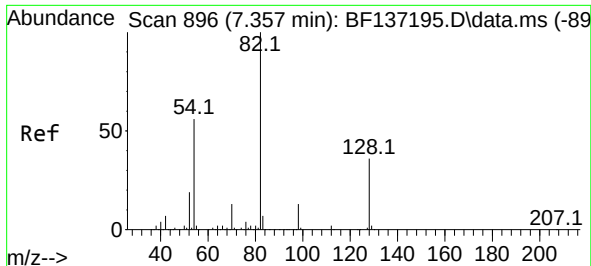
Tgt Ion: 99 Resp: 993502
Ion Ratio Lower Upper
99 100
42 18.3 16.4 24.6
71 36.3 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137352.D
Acq: 08 Feb 2024 22:15

Tgt Ion:136 Resp: 383405
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.0 7.8 11.8
68 6.4 4.5 6.7

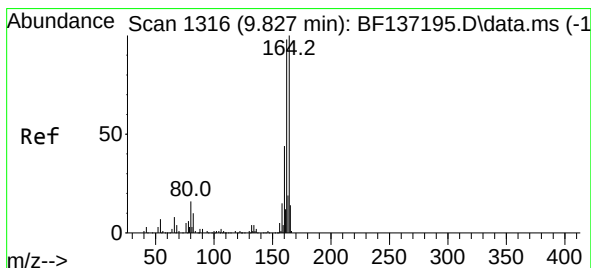
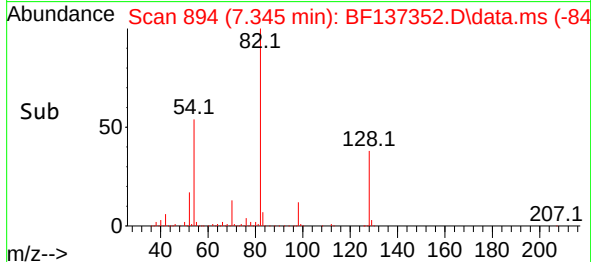
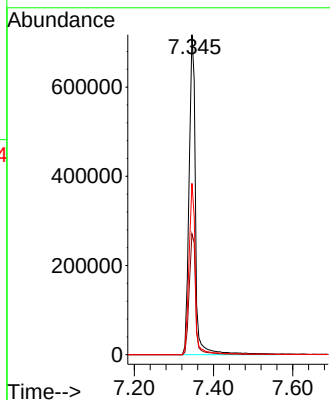
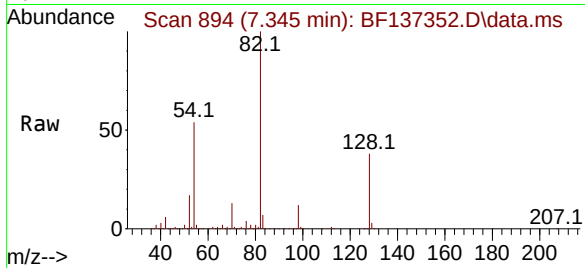




#23
Nitrobenzene-d5
Concen: 94.844 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137352.D
Acq: 08 Feb 2024 22:15

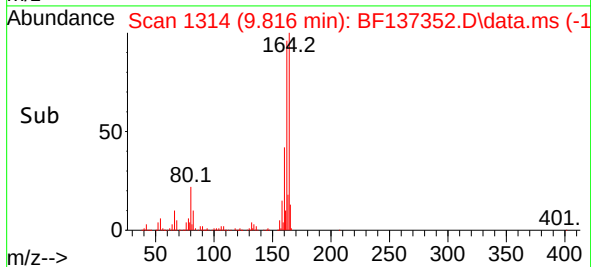
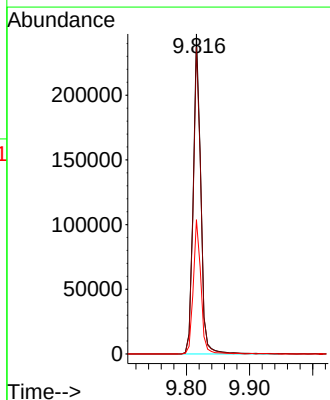
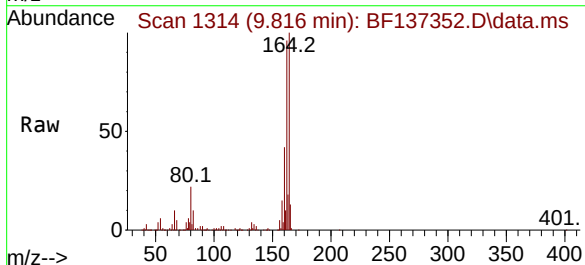
Instrument :
BNA_F
ClientSampleId :
EB-6-7-9

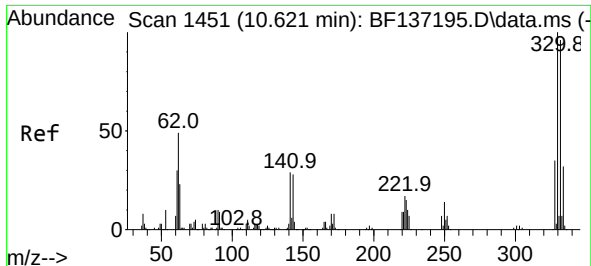
Tgt Ion: 82 Resp: 812200
Ion Ratio Lower Upper
82 100
128 37.8 29.1 43.7
54 53.6 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.011 min
Lab File: BF137352.D
Acq: 08 Feb 2024 22:15

Tgt Ion:164 Resp: 204619
Ion Ratio Lower Upper
164 100
162 95.9 78.3 117.5
160 41.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 121.701 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF137352.D

Acq: 08 Feb 2024 22:15

Instrument :

BNA_F

ClientSampleId :

EB-6-7-9

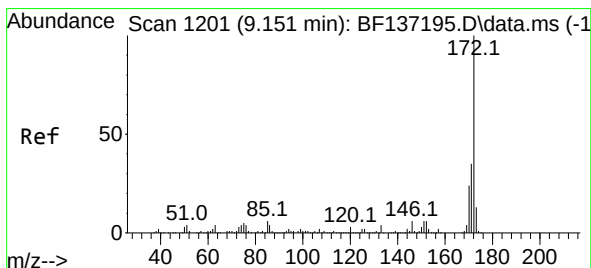
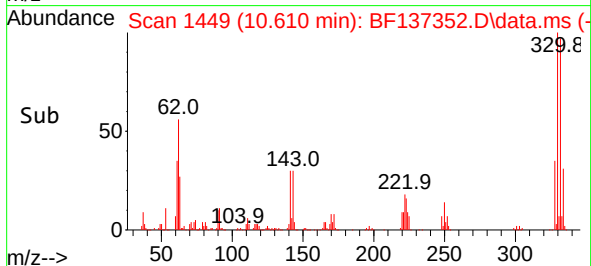
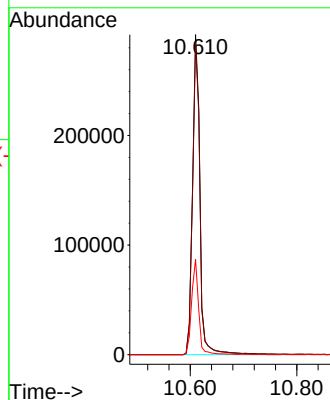
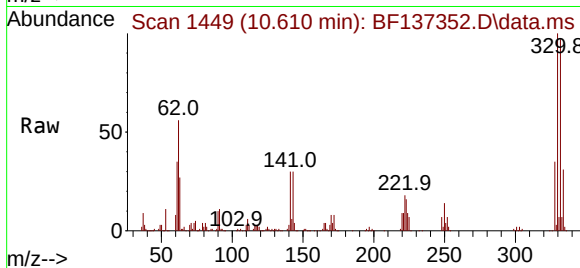
Tgt Ion:330 Resp: 281236

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 28.4 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 87.279 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137352.D

Acq: 08 Feb 2024 22:15

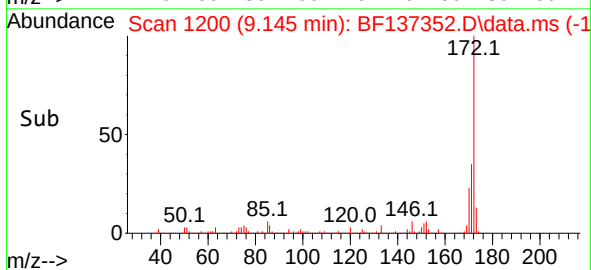
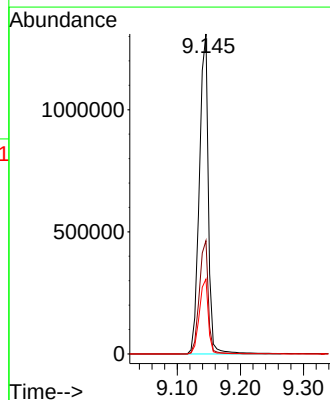
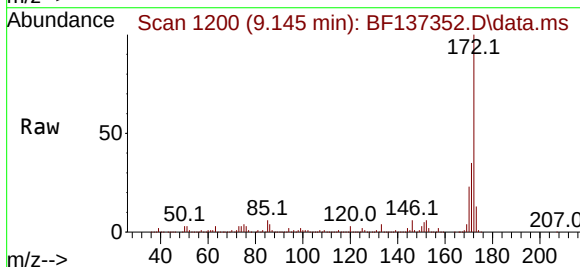
Tgt Ion:172 Resp: 1299146

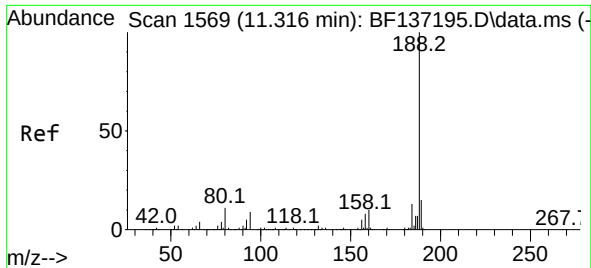
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 19.1 28.7

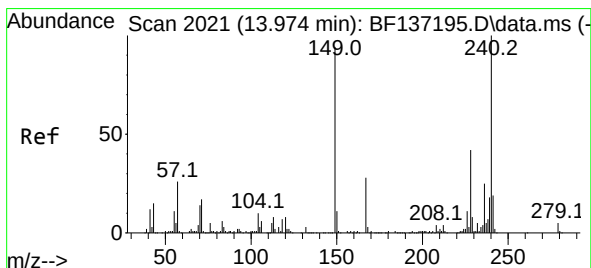
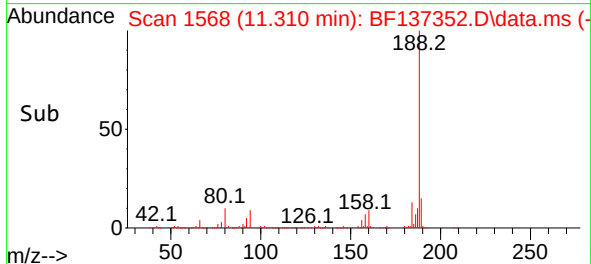
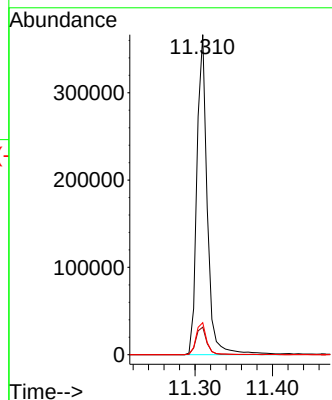
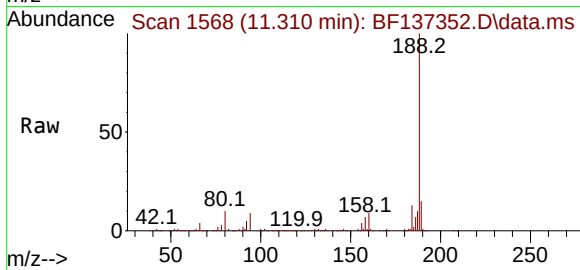




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137352.D
Acq: 08 Feb 2024 22:15

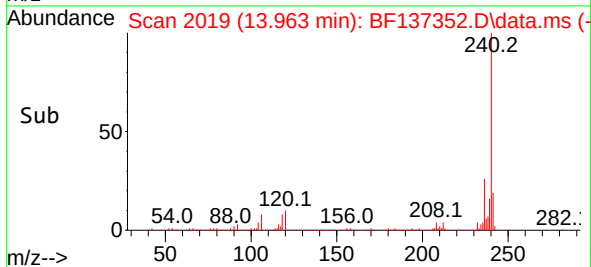
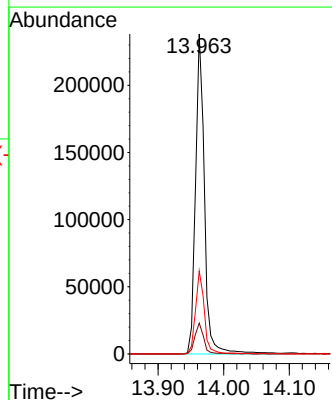
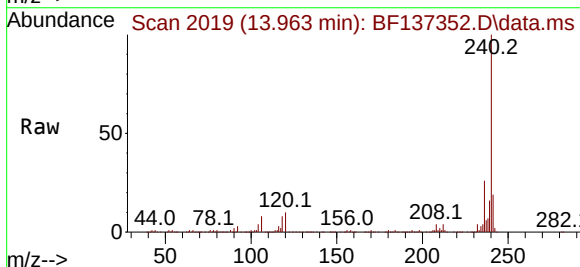
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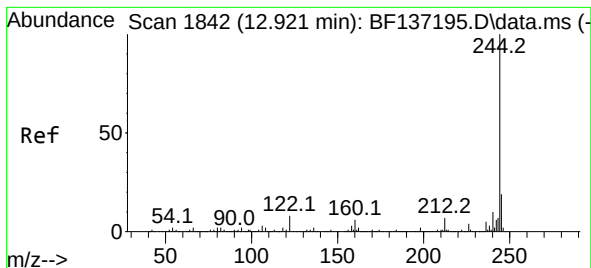
Tgt Ion:188 Resp: 339904
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 10.0 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137352.D
Acq: 08 Feb 2024 22:15

Tgt Ion:240 Resp: 226853
Ion Ratio Lower Upper
240 100
120 9.7 6.3 9.5#
236 26.0 20.3 30.5





#79

Terphenyl-d14

Concen: 79.323 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF137352.D

Acq: 08 Feb 2024 22:15

Instrument :

BNA_F

ClientSampleId :

EB-6-7-9

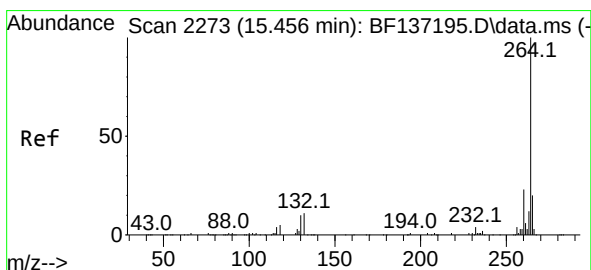
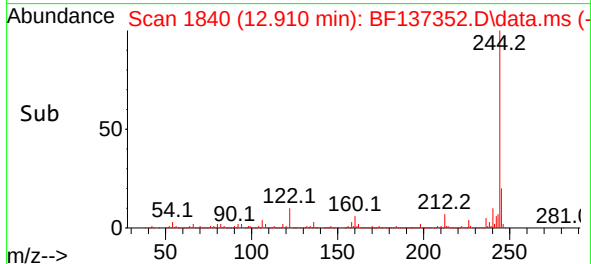
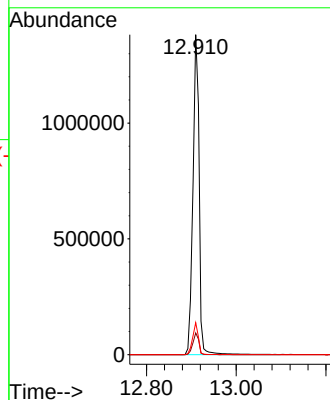
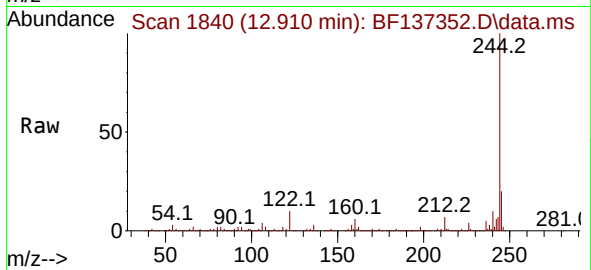
Tgt Ion:244 Resp: 1323670

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 10.0 6.2 9.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF137352.D

Acq: 08 Feb 2024 22:15

Tgt Ion:264 Resp: 246094

Ion Ratio Lower Upper

264 100

260 21.6 18.2 27.4

265 20.6 16.2 24.2

