

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
 Data File : BF137348.D
 Acq On : 08 Feb 2024 20:17
 Operator : CG\JU
 Sample : P1367-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-6-0-2

Quant Time: Feb 09 01:39:10 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	105549	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	400704	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	208654	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	353297	20.000	ng	0.00
76) Chrysene-d12	13.963	240	240768	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	269269	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	878852	137.394	ng	0.02
7) Phenol-d6	6.428	99	1036565	113.552	ng	0.00
23) Nitrobenzene-d5	7.351	82	797794	89.139	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	287018	121.802	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1286494	84.758	ng	0.00
79) Terphenyl-d14	12.910	244	1278289	72.176	ng	-0.01

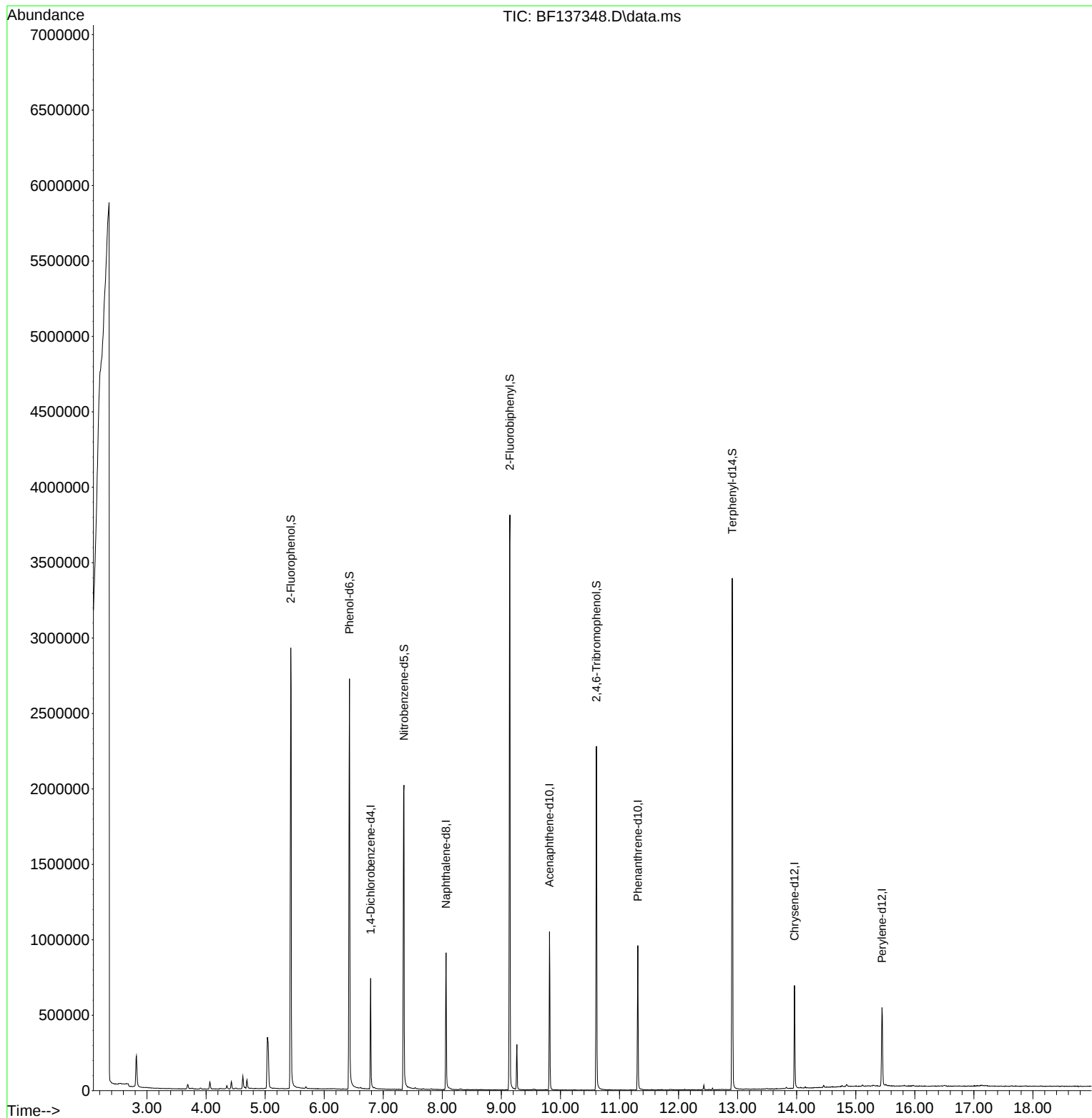
Target Compounds	Qvalue

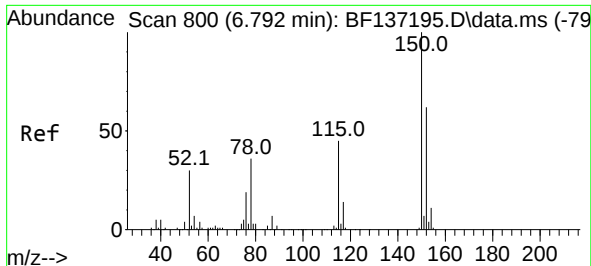
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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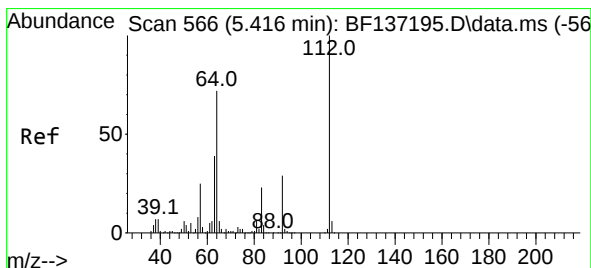
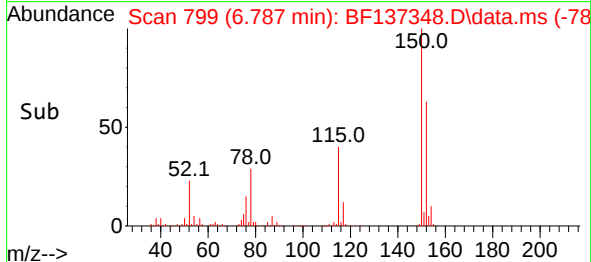
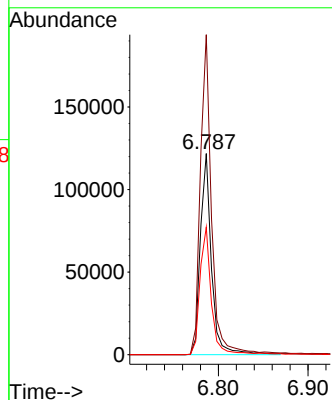
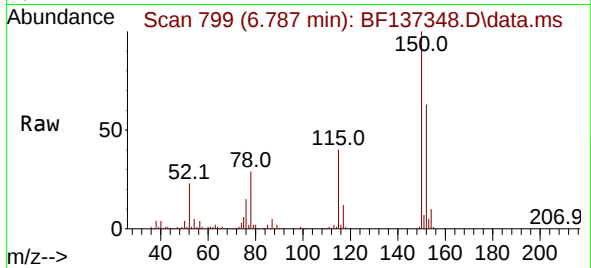




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF137348.D
Acq: 08 Feb 2024 20:17

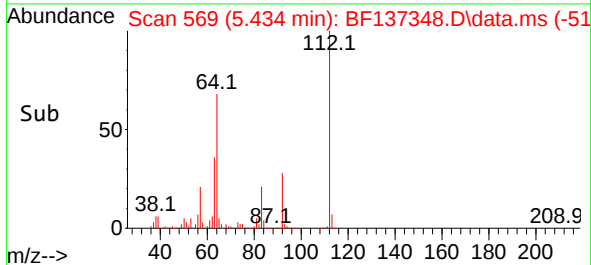
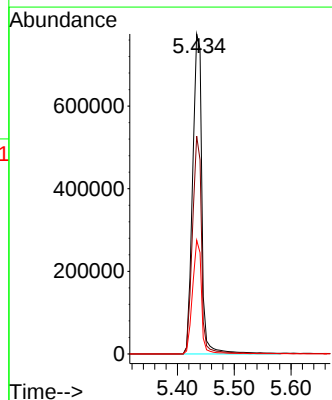
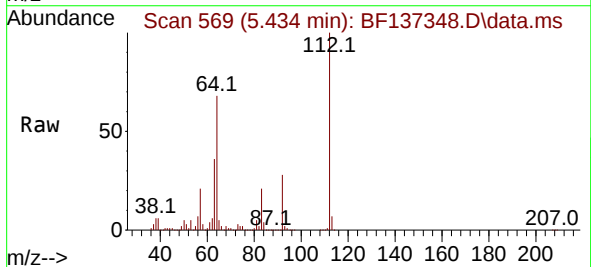
Instrument :
BNA_F
ClientSampleId :
EB-6-0-2

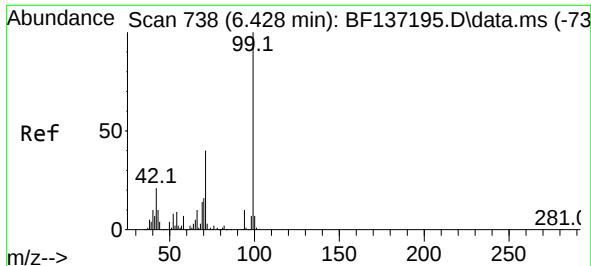
Tgt Ion:152 Resp: 105549
Ion Ratio Lower Upper
152 100
150 159.1 129.8 194.8
115 63.4 58.5 87.7



#5
2-Fluorophenol
Concen: 137.394 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137348.D
Acq: 08 Feb 2024 20:17

Tgt Ion:112 Resp: 878852
Ion Ratio Lower Upper
112 100
64 68.1 57.8 86.6
63 35.5 31.4 47.0

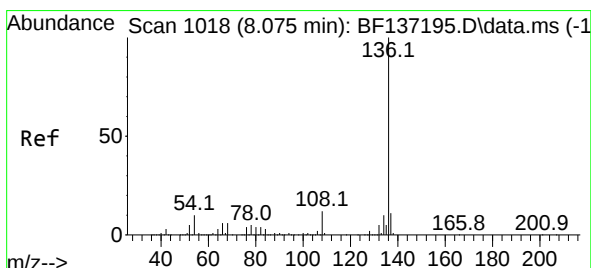
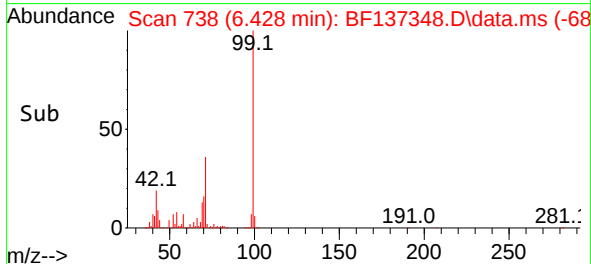
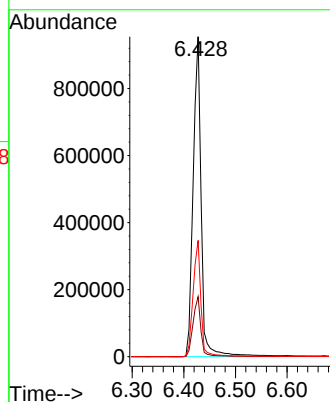
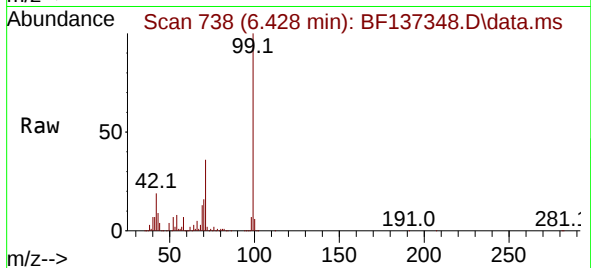




#7
Phenol-d6
Concen: 113.552 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137348.D
Acq: 08 Feb 2024 20:17

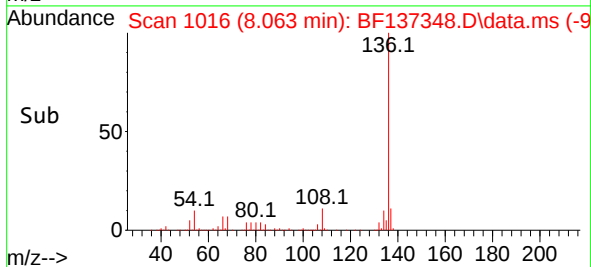
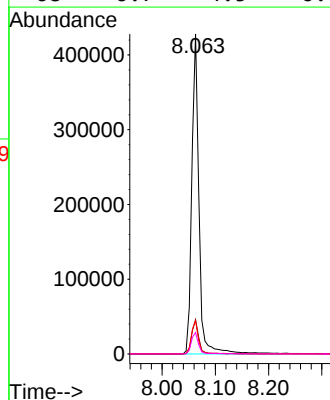
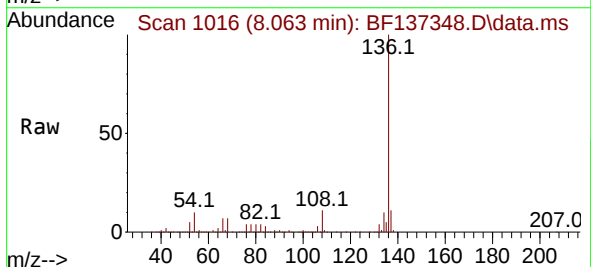
Instrument :
BNA_F
ClientSampleId :
EB-6-0-2

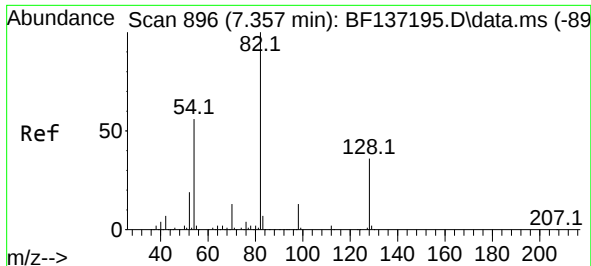
Tgt Ion: 99 Resp: 1036565
Ion Ratio Lower Upper
99 100
42 18.7 16.4 24.6
71 36.4 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137348.D
Acq: 08 Feb 2024 20:17

Tgt Ion:136 Resp: 400704
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.4 7.8 11.8
68 6.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 89.139 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137348.D

Acq: 08 Feb 2024 20:17

Instrument :

BNA_F

ClientSampleId :

EB-6-0-2

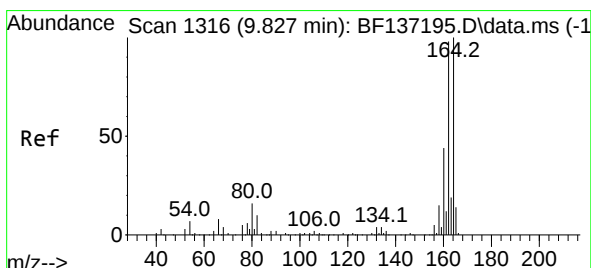
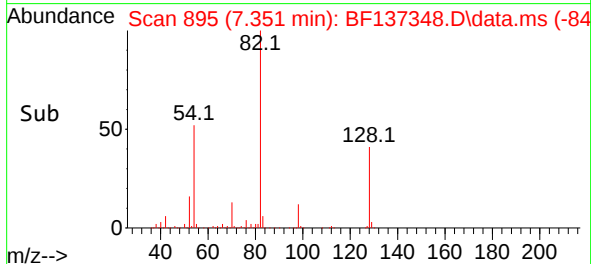
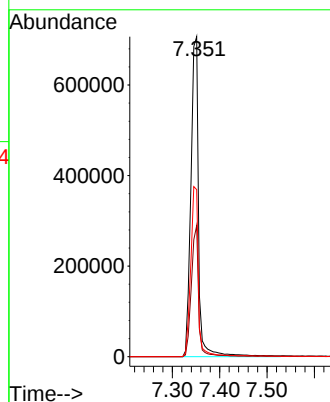
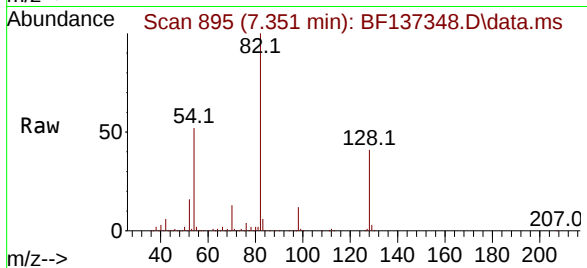
Tgt Ion: 82 Resp: 797794

Ion Ratio Lower Upper

82 100

128 40.9 29.1 43.7

54 52.2 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: BF137348.D

Acq: 08 Feb 2024 20:17

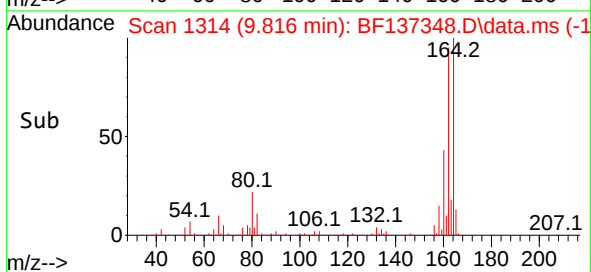
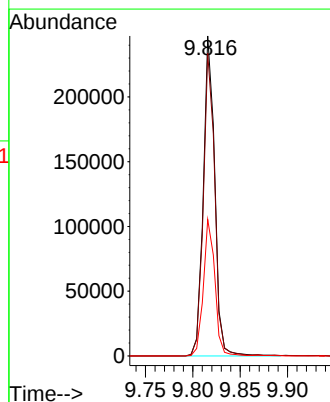
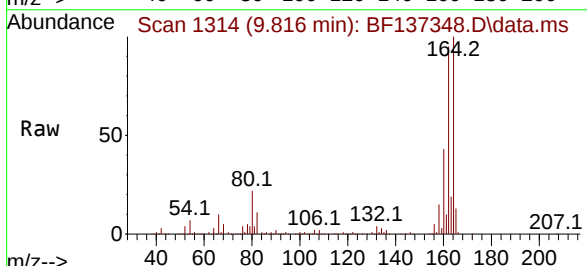
Tgt Ion: 164 Resp: 208654

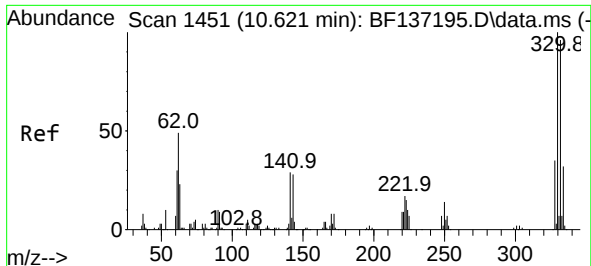
Ion Ratio Lower Upper

164 100

162 94.6 78.3 117.5

160 42.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 121.802 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF137348.D

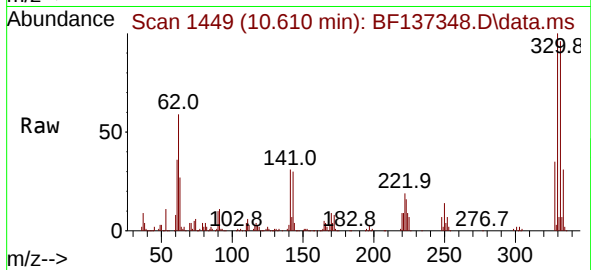
Acq: 08 Feb 2024 20:17

Instrument :

BNA_F

ClientSampleId :

EB-6-0-2



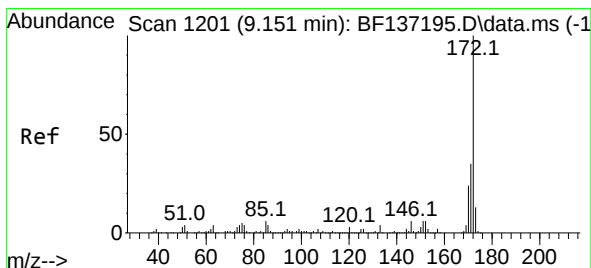
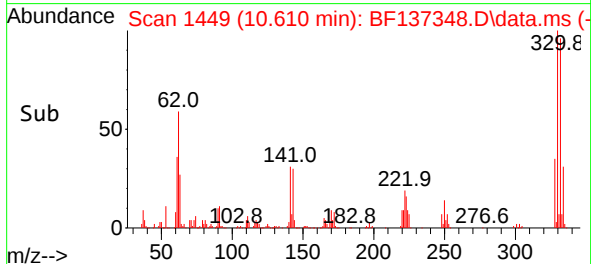
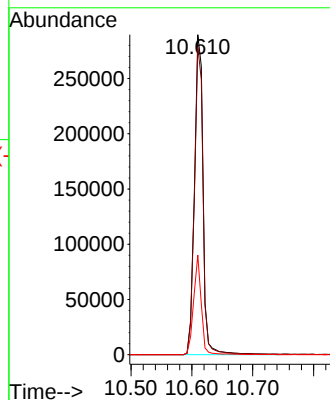
Tgt Ion:330 Resp: 287018

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 27.7 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 84.758 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137348.D

Acq: 08 Feb 2024 20:17

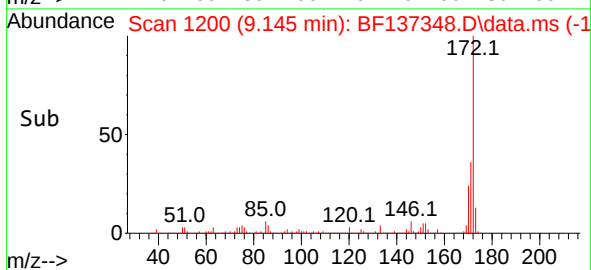
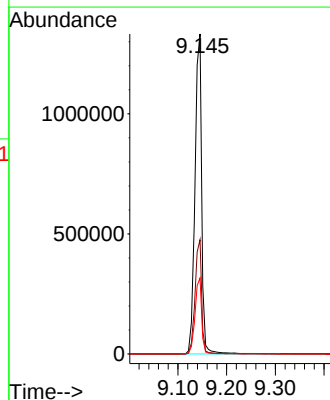
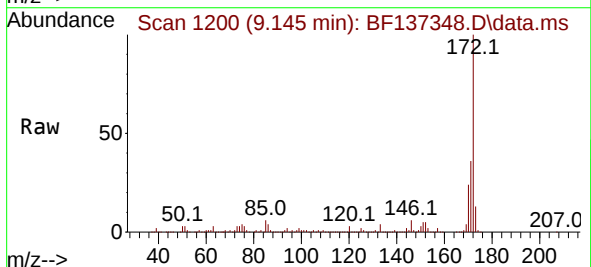
Tgt Ion:172 Resp: 1286494

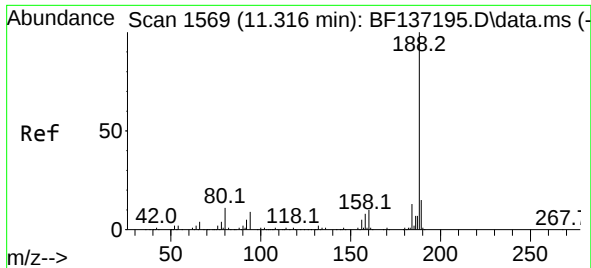
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.8 19.1 28.7

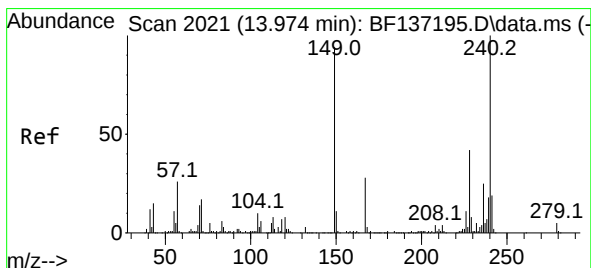
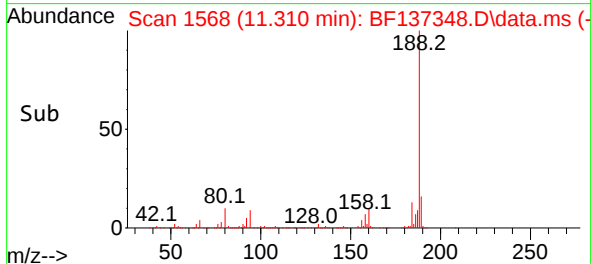
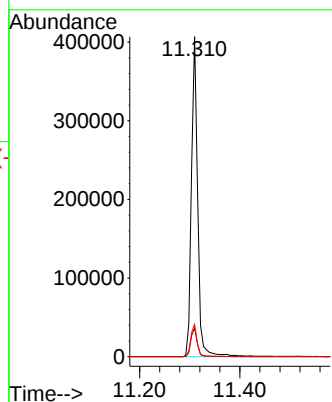
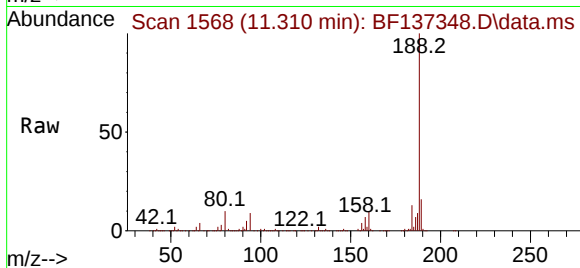




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137348.D
Acq: 08 Feb 2024 20:17

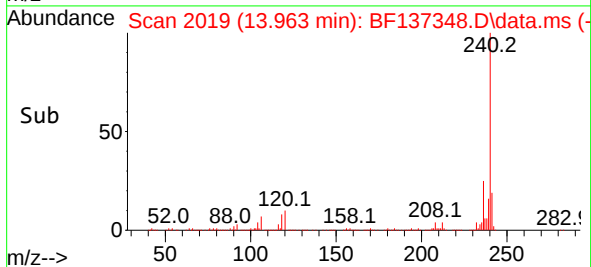
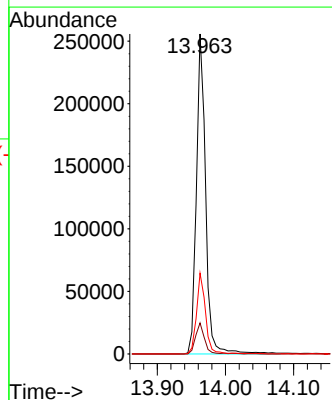
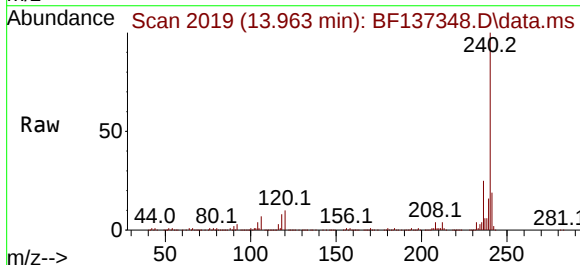
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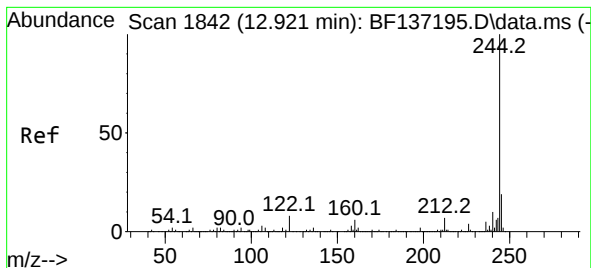
Tgt Ion:188 Resp: 353297
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 10.1 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137348.D
Acq: 08 Feb 2024 20:17

Tgt Ion:240 Resp: 240768
Ion Ratio Lower Upper
240 100
120 9.7 6.3 9.5#
236 25.3 20.3 30.5





#79

Terphenyl-d14

Concen: 72.176 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF137348.D

Acq: 08 Feb 2024 20:17

Instrument :

BNA_F

ClientSampleId :

EB-6-0-2

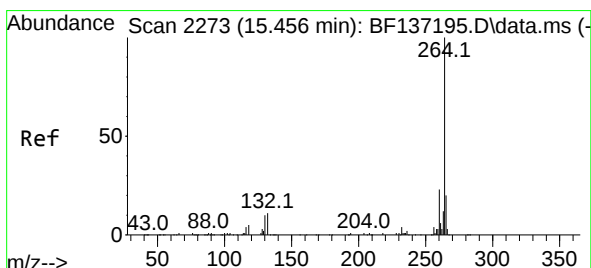
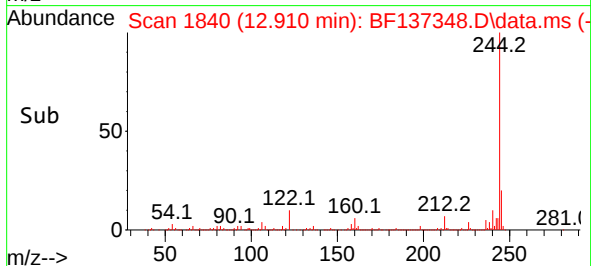
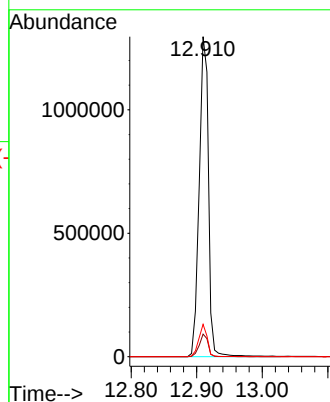
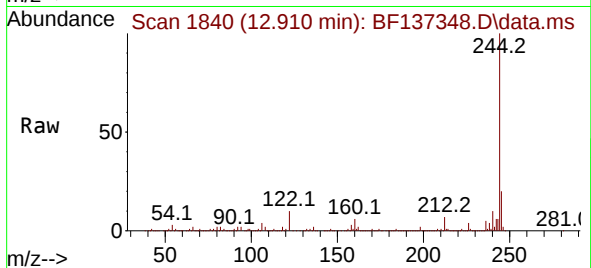
Tgt Ion:244 Resp: 1278289

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 10.1 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: BF137348.D

Acq: 08 Feb 2024 20:17

Tgt Ion:264 Resp: 269269

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 21.4 16.2 24.2

