

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
 Data File : BF137345.D
 Acq On : 08 Feb 2024 18:49
 Operator : CG\JU
 Sample : P1368-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-306P-GW-20240201-0

Quant Time: Feb 09 01:38:00 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	6.786	152	96577	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	367011	20.000	ng	#-0.01
39) Acenaphthene-d10	9.816	164	198211	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	324674	20.000	ng	0.00
76) Chrysene-d12	13.962	240	204915	20.000	ng	-0.01
86) Perylene-d12	15.445	264	243936	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	410732	70.176	ng	0.00
7) Phenol-d6	6.416	99	325284	38.944	ng	-0.01
23) Nitrobenzene-d5	7.345	82	741577	90.465	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	268927	120.137	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1233643	85.558	ng	0.00
79) Terphenyl-d14	12.910	244	1106546	73.410	ng	-0.01

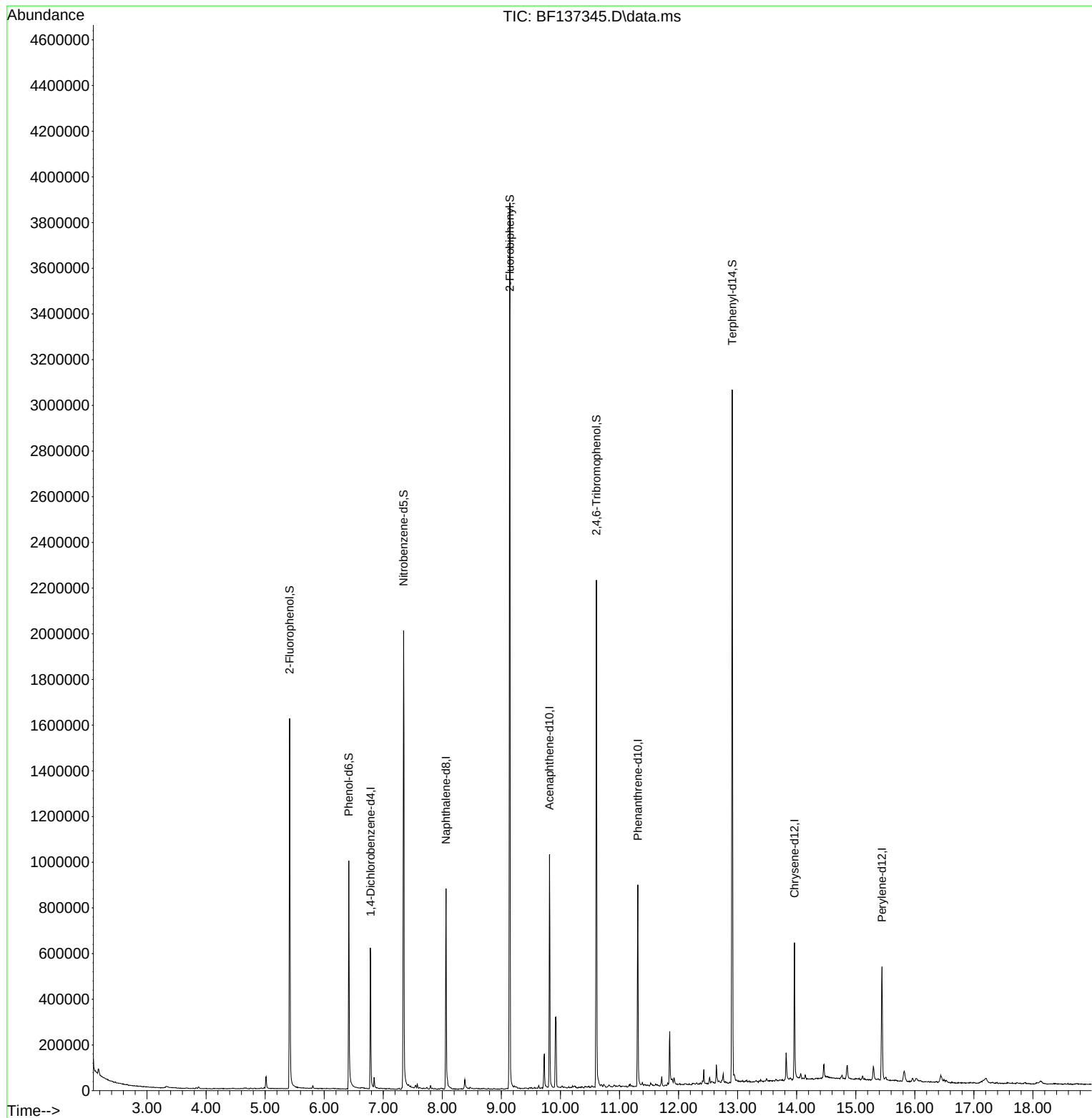
Target Compounds	Qvalue

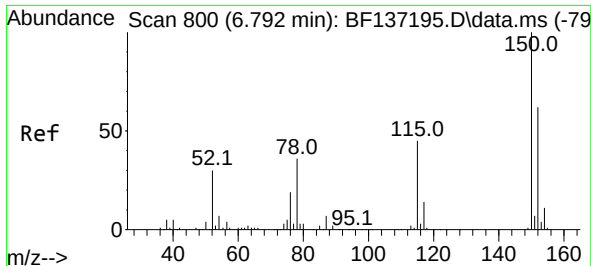
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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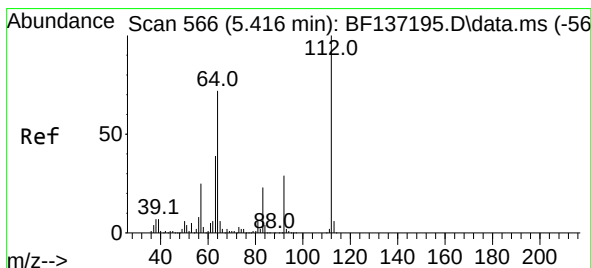
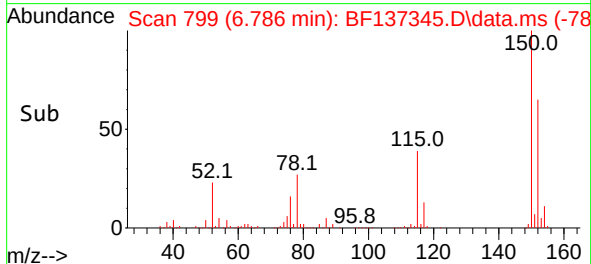
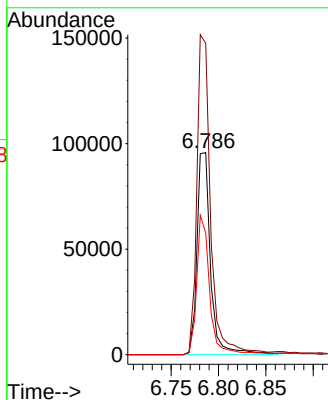
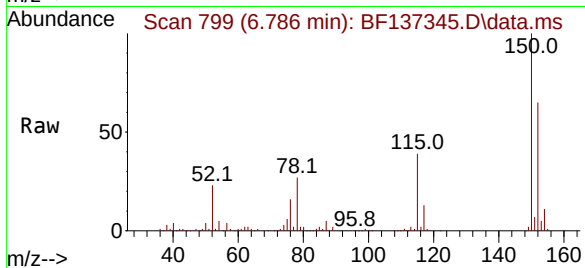




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137345.D
Acq: 08 Feb 2024 18:49

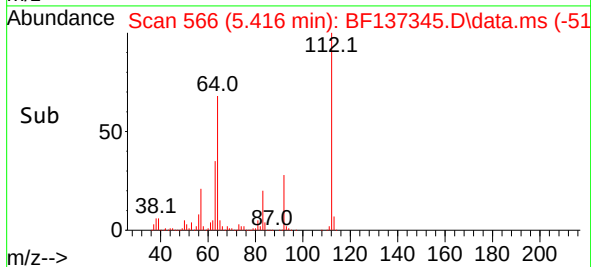
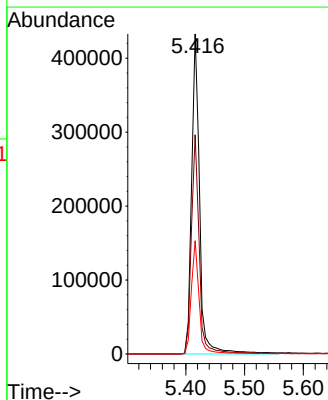
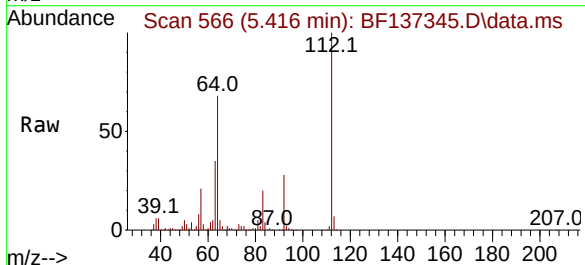
Instrument :
BNA_F
ClientSampleId :
MR-306P-GW-20240201-0

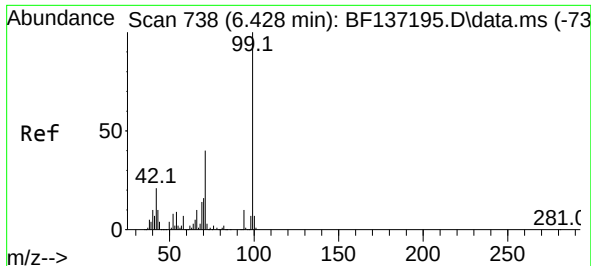
Tgt Ion:152 Resp: 96577
Ion Ratio Lower Upper
152 100
150 154.1 129.8 194.8
115 60.1 58.5 87.7



#5
2-Fluorophenol
Concen: 70.176 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF137345.D
Acq: 08 Feb 2024 18:49

Tgt Ion:112 Resp: 410732
Ion Ratio Lower Upper
112 100
64 68.5 57.8 86.6
63 35.4 31.4 47.0

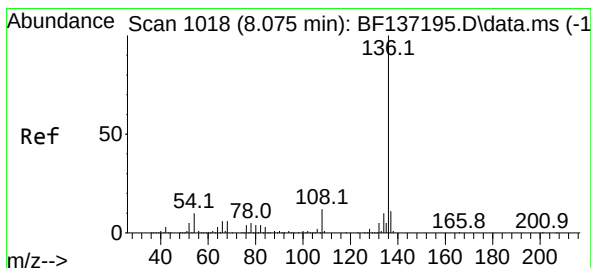
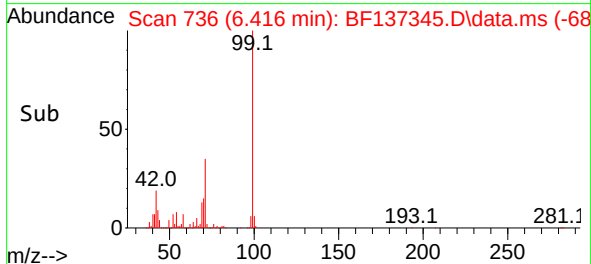
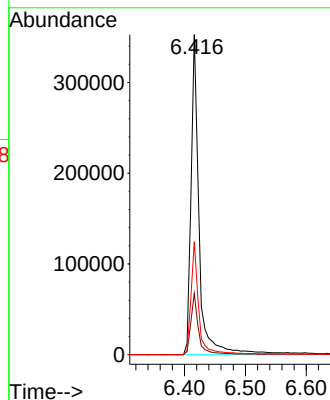
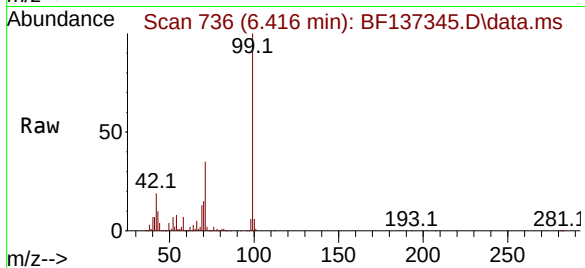




#7
Phenol-d6
Concen: 38.944 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137345.D
Acq: 08 Feb 2024 18:49

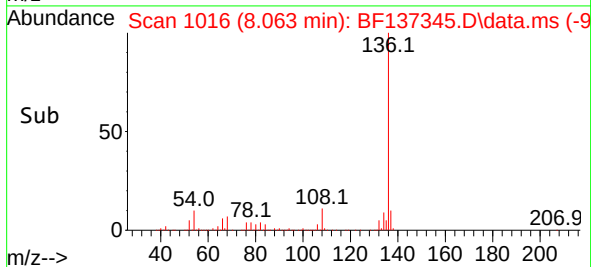
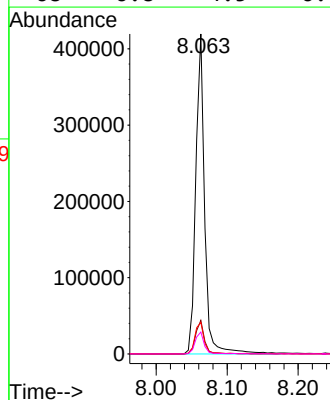
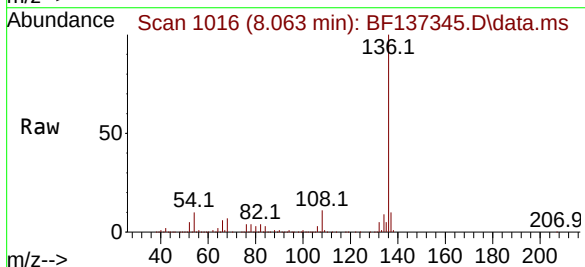
Instrument :
BNA_F
ClientSampleId :
MR-306P-GW-20240201-0

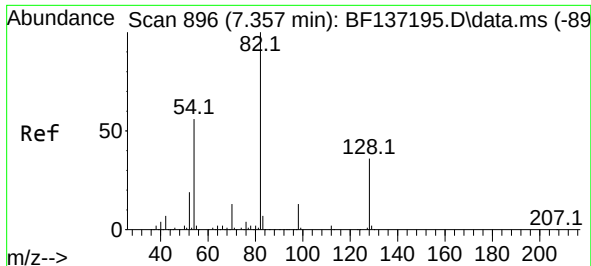
Tgt Ion: 99 Resp: 325284
Ion Ratio Lower Upper
99 100
42 19.2 16.4 24.6
71 35.3 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137345.D
Acq: 08 Feb 2024 18:49

Tgt Ion:136 Resp: 367011
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 9.9 7.8 11.8
68 6.8 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 90.465 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF137345.D

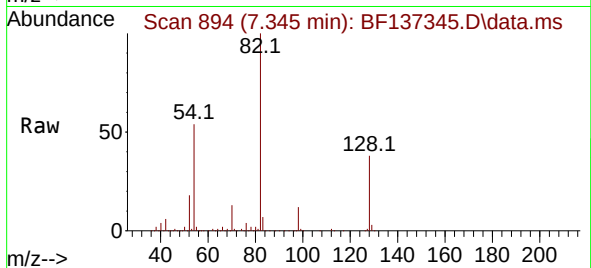
Acq: 08 Feb 2024 18:49

Instrument :

BNA_F

ClientSampleId :

MR-306P-GW-20240201-0



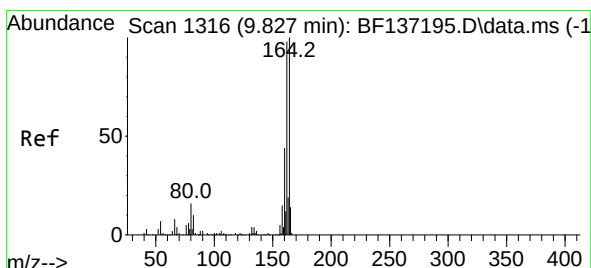
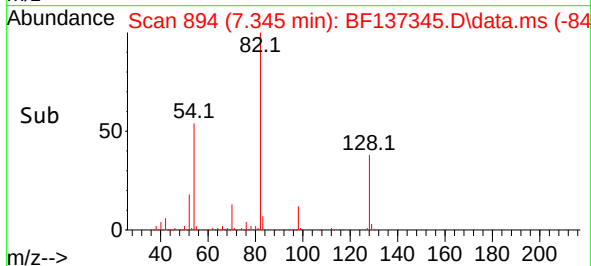
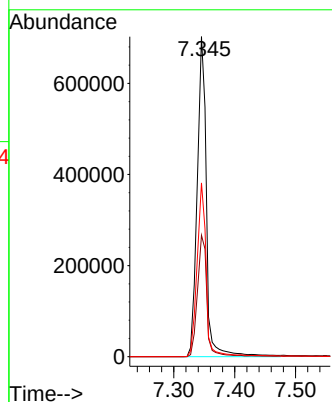
Tgt Ion: 82 Resp: 741577

Ion Ratio Lower Upper

82 100

128 38.0 29.1 43.7

54 54.3 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: BF137345.D

Acq: 08 Feb 2024 18:49

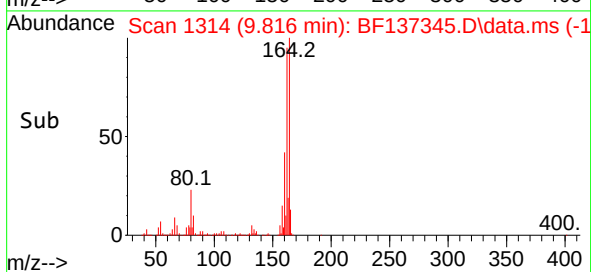
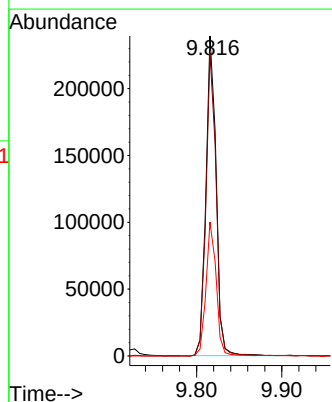
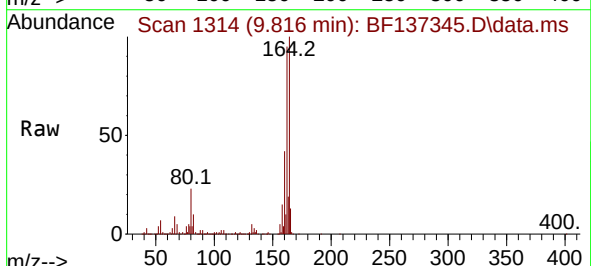
Tgt Ion: 164 Resp: 198211

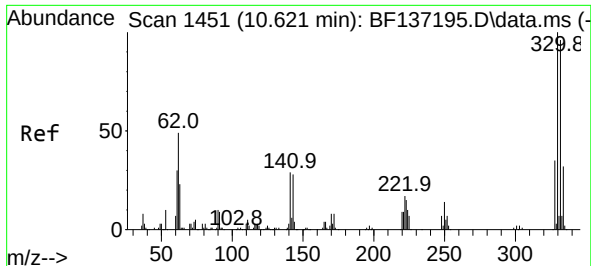
Ion Ratio Lower Upper

164 100

162 94.7 78.3 117.5

160 41.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 120.137 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF137345.D

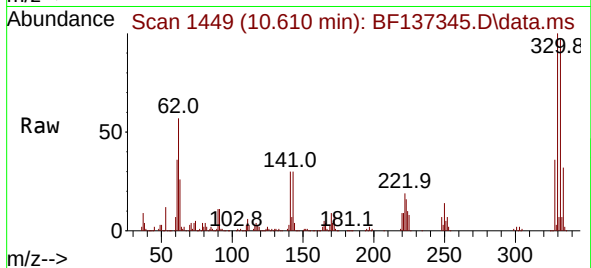
Acq: 08 Feb 2024 18:49

Instrument :

BNA_F

ClientSampleId :

MR-306P-GW-20240201-0



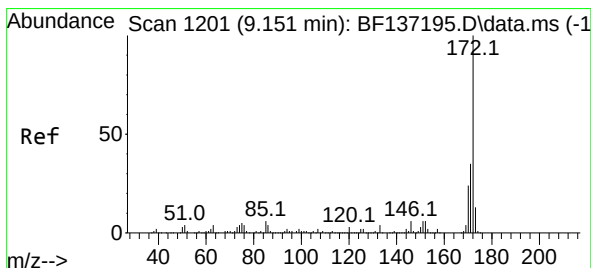
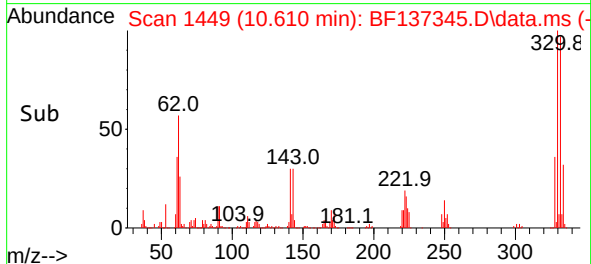
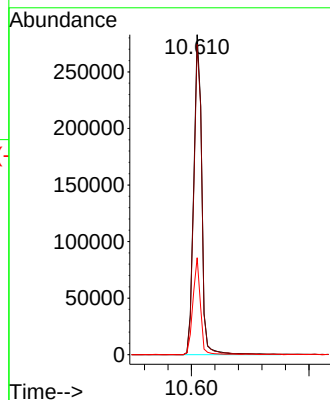
Tgt Ion:330 Resp: 268927

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 28.4 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 85.558 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137345.D

Acq: 08 Feb 2024 18:49

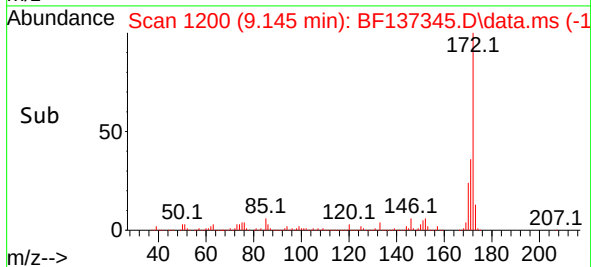
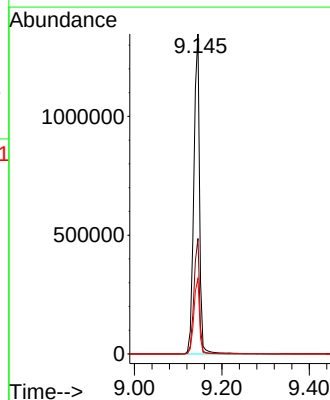
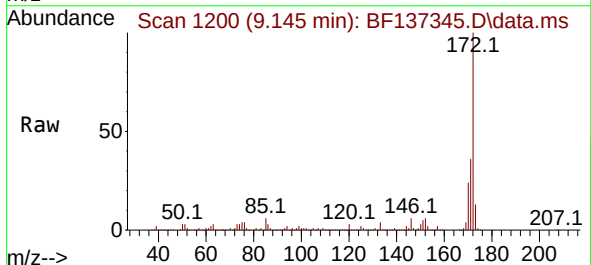
Tgt Ion:172 Resp: 1233643

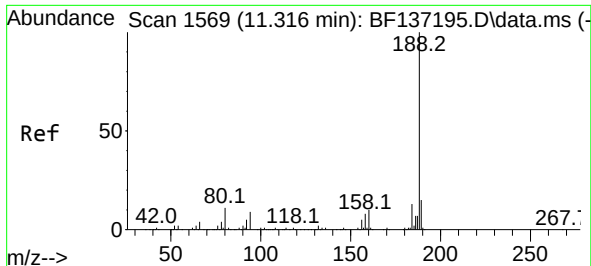
Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.6 19.1 28.7

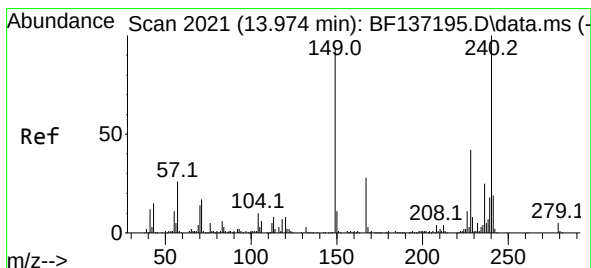
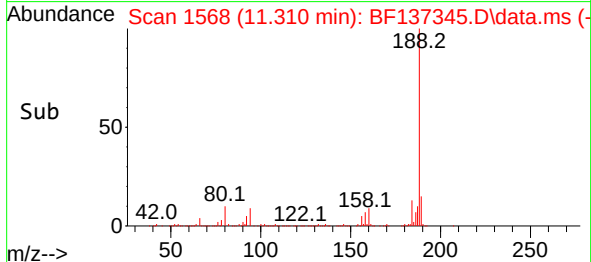
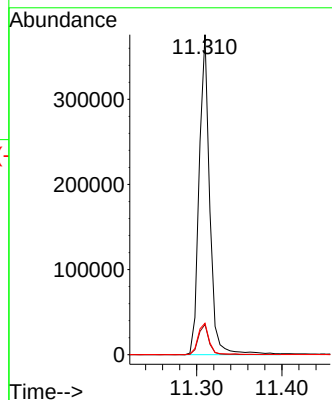
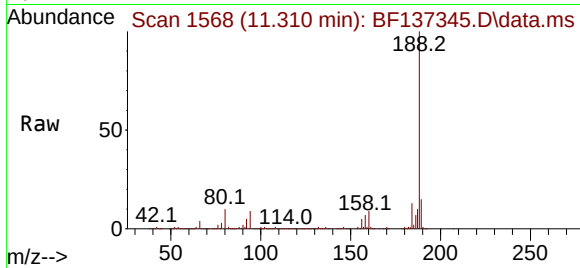




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137345.D
Acq: 08 Feb 2024 18:49

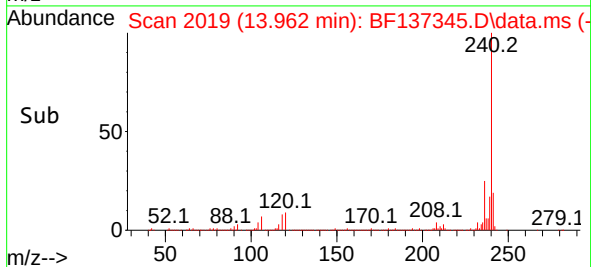
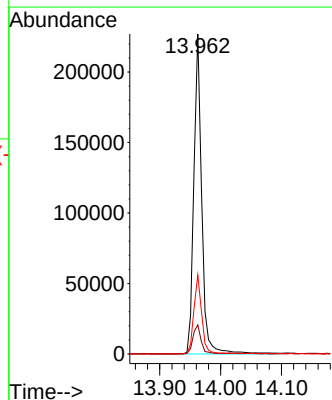
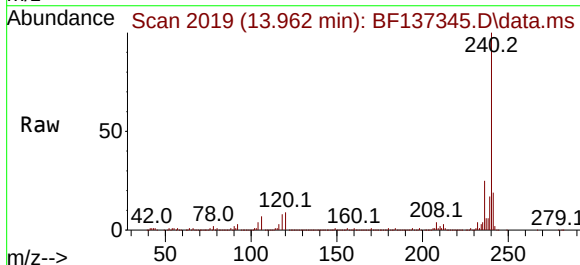
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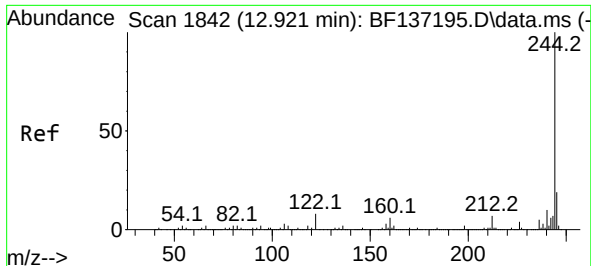
Tgt Ion:188 Resp: 324674
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 9.9 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137345.D
Acq: 08 Feb 2024 18:49

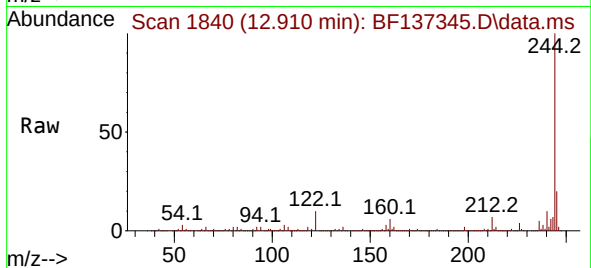
Tgt Ion:240 Resp: 204915
Ion Ratio Lower Upper
240 100
120 9.1 6.3 9.5
236 24.7 20.3 30.5



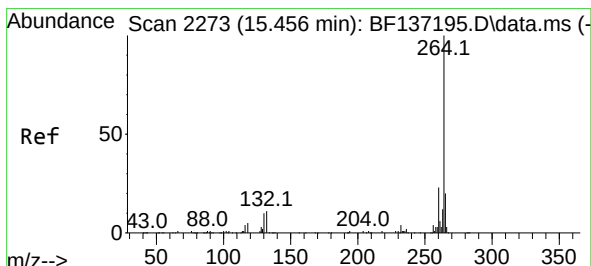
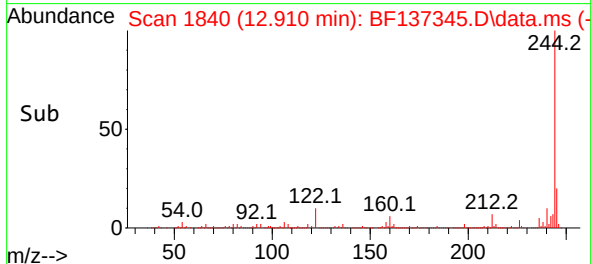
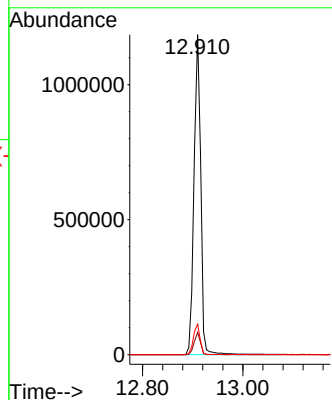


#79
 Terphenyl-d14
 Concen: 73.410 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF137345.D
 Acq: 08 Feb 2024 18:49

Instrument :
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Tgt Ion:244 Resp: 1106546
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 9.6 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: BF137345.D
 Acq: 08 Feb 2024 18:49

Tgt Ion:264 Resp: 243936
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.4
 265 21.5 16.2 24.2

