

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137025.D
 Acq On : 10 Jan 2024 17:56
 Operator : CG\JU
 Sample : P1015-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-301P-25-27

Quant Time: Jan 11 00:01:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	46275	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	166742	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	77627	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	127861	20.000	ng	0.00
76) Chrysene-d12	13.969	240	116404	20.000	ng	0.00
86) Perylene-d12	15.463	264	135312	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	370067	124.778	ng	0.01
7) Phenol-d6	6.440	99	403568	105.015	ng	0.00
23) Nitrobenzene-d5	7.345	82	299016	91.764	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	119000	130.164	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	594251	102.961	ng	-0.01
79) Terphenyl-d14	12.910	244	570826	68.530	ng	0.00

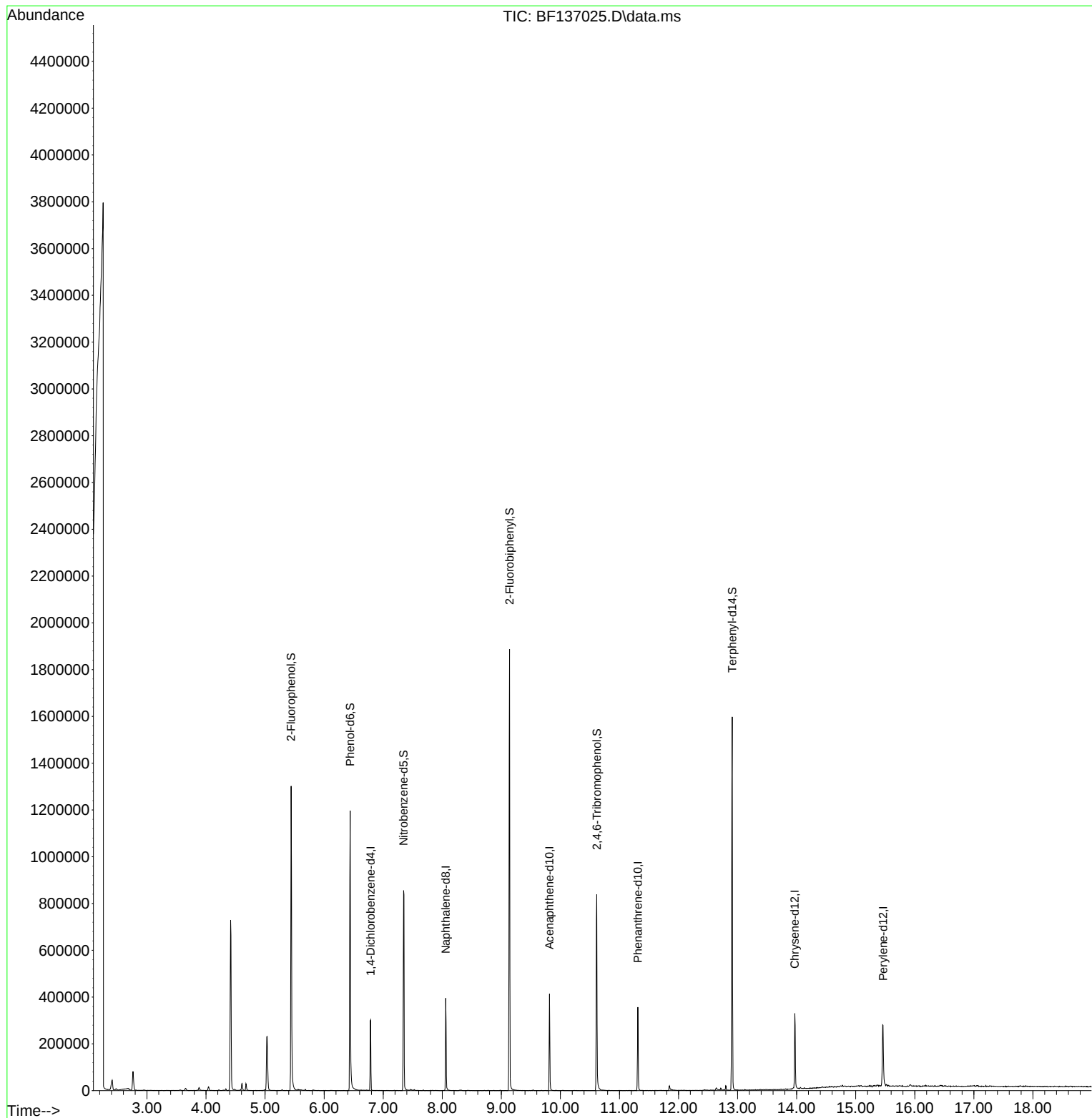
Target Compounds	Qvalue

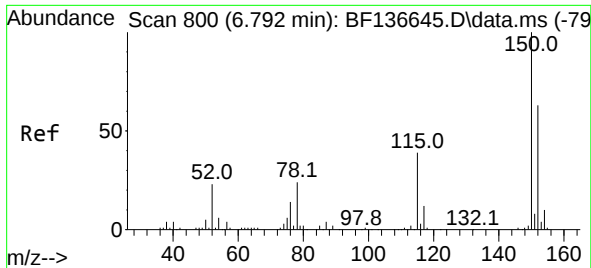
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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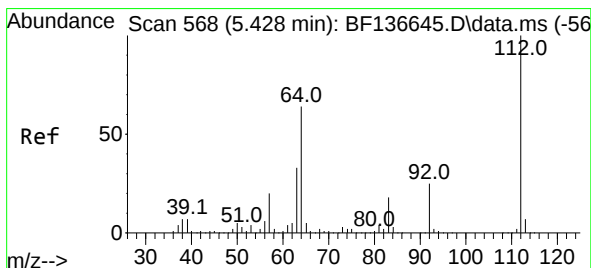
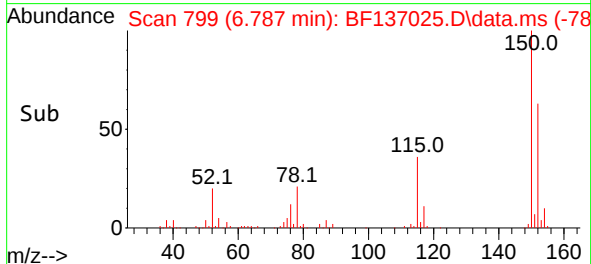
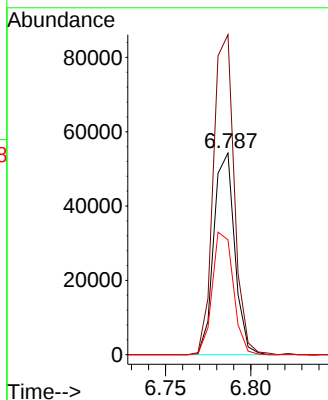
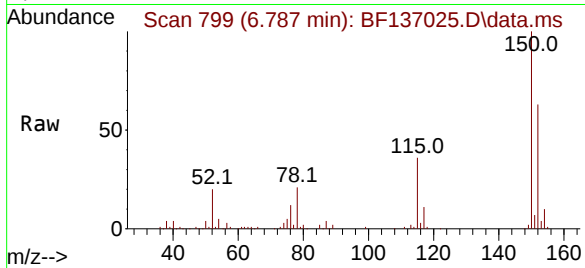




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF137025.D
 Acq: 10 Jan 2024 17:56

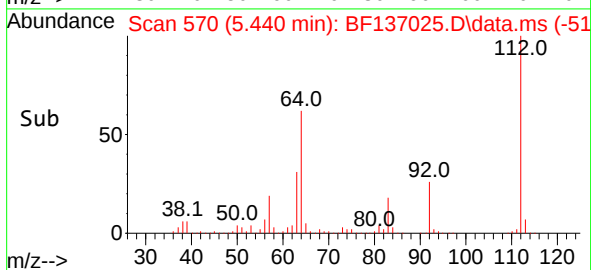
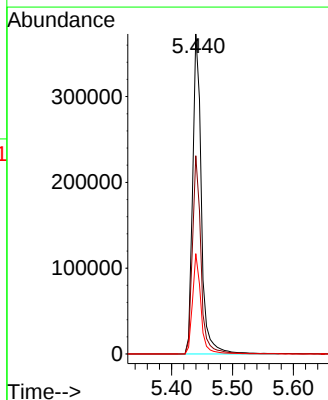
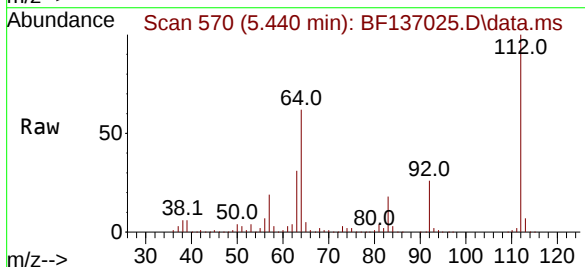
Instrument :
 BNA_F
 ClientSampleId :
 MR-301P-25-27

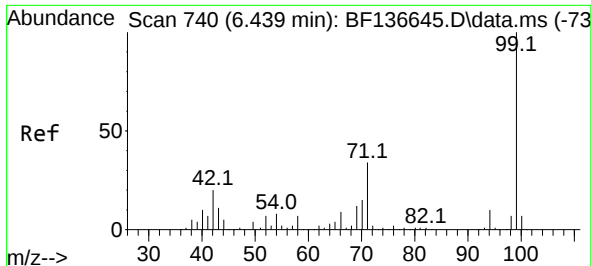
Tgt Ion:152 Resp: 46275
 Ion Ratio Lower Upper
 152 100
 150 158.7 127.0 190.6
 115 57.0 49.0 73.4



#5
 2-Fluorophenol
 Concen: 124.778 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF137025.D
 Acq: 10 Jan 2024 17:56

Tgt Ion:112 Resp: 370067
 Ion Ratio Lower Upper
 112 100
 64 62.0 51.1 76.7
 63 31.4 26.1 39.1





#7

Phenol-d6

Concen: 105.015 ng

RT: 6.440 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF137025.D

Acq: 10 Jan 2024 17:56

Instrument :

BNA_F

ClientSampleId :

MR-301P-25-27

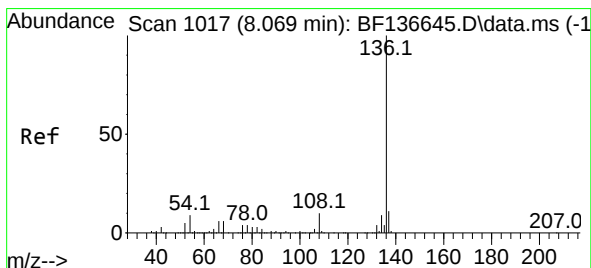
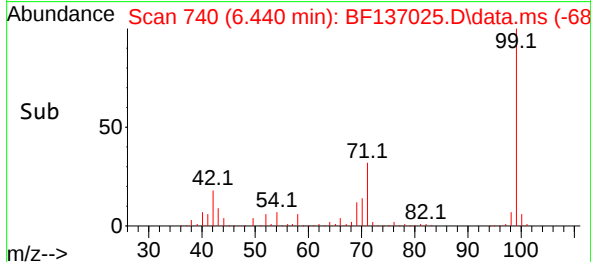
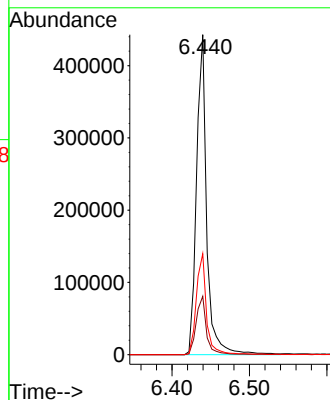
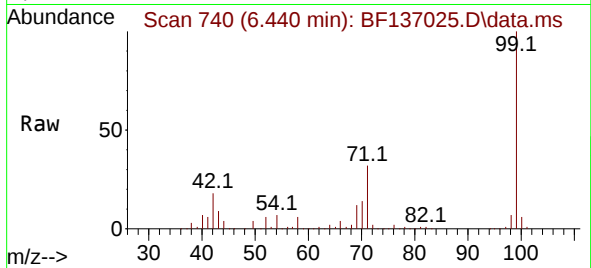
Tgt Ion: 99 Resp: 403568

Ion Ratio Lower Upper

99 100

42 18.3 16.1 24.1

71 31.6 27.4 41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF137025.D

Acq: 10 Jan 2024 17:56

Tgt Ion:136 Resp: 166742

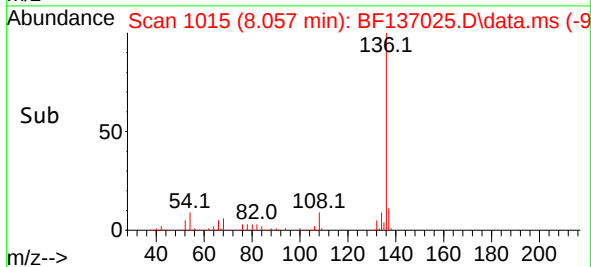
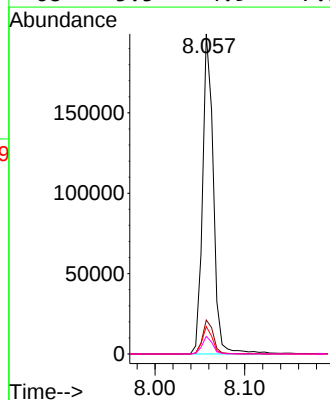
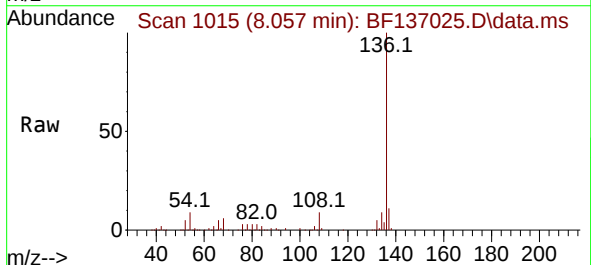
Ion Ratio Lower Upper

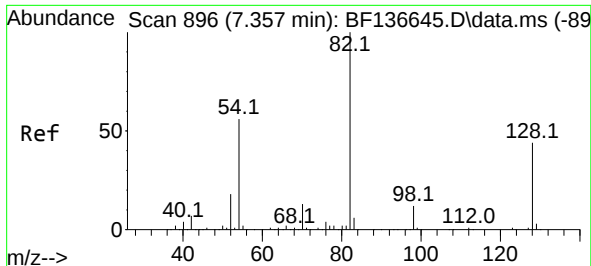
136 100

137 10.6 9.0 13.4

54 8.5 7.2 10.8

68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 91.764 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137025.D

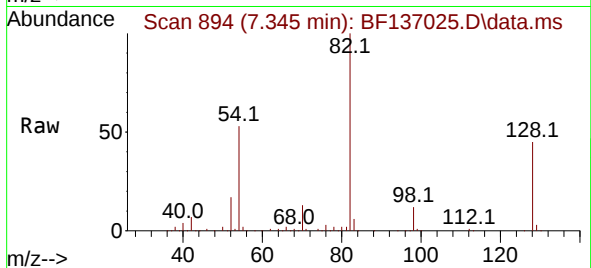
Acq: 10 Jan 2024 17:56

Instrument :

BNA_F

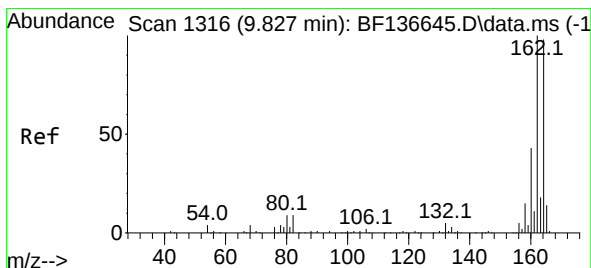
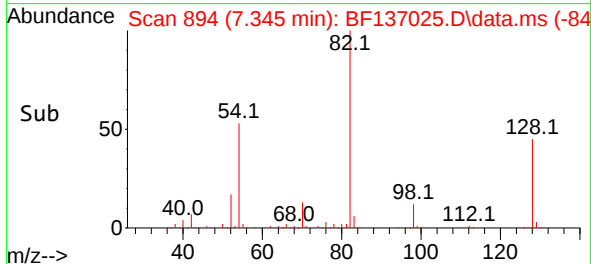
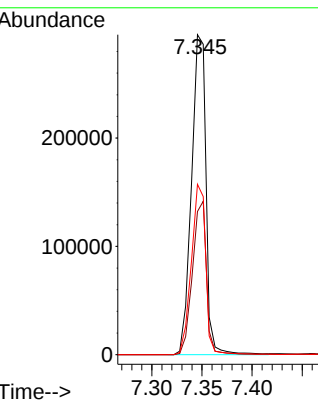
ClientSampleId :

MR-301P-25-27



Tgt Ion: 82 Resp: 299016

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.3	52.9
54	53.3	44.5	66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

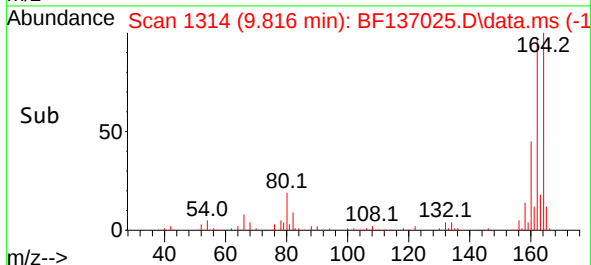
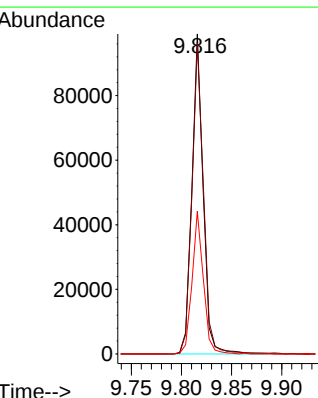
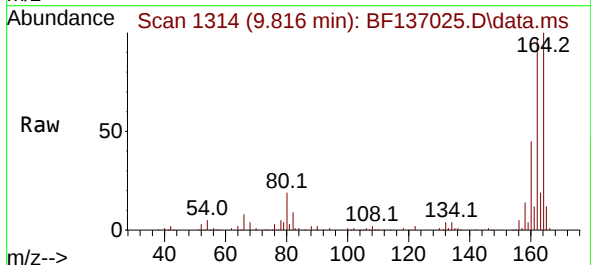
Delta R.T. -0.012 min

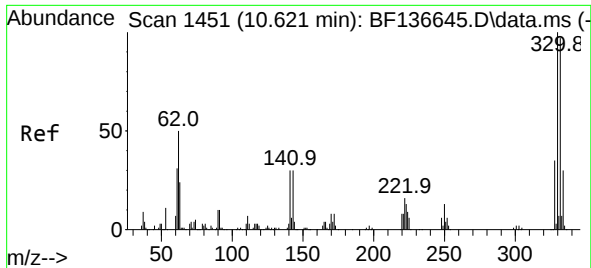
Lab File: BF137025.D

Acq: 10 Jan 2024 17:56

Tgt Ion: 164 Resp: 77627

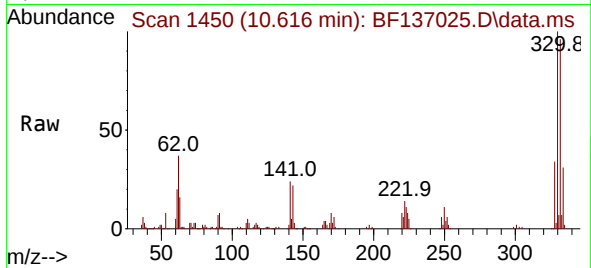
Ion	Ratio	Lower	Upper
164	100		
162	97.0	81.6	122.4
160	44.6	34.9	52.3



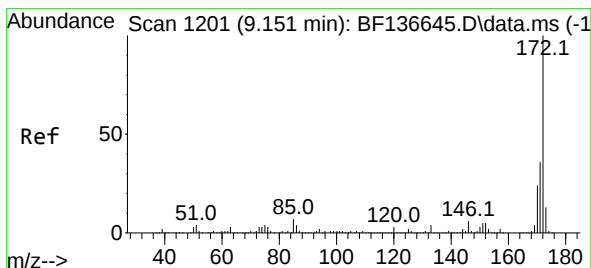
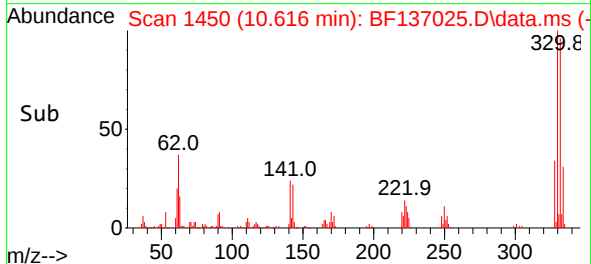
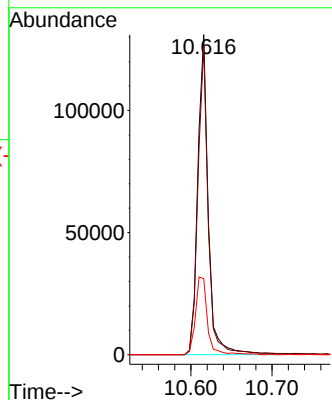


#42
2,4,6-Tribromophenol
Concen: 130.164 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

Instrument :
BNA_F
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MR-301P-25-27

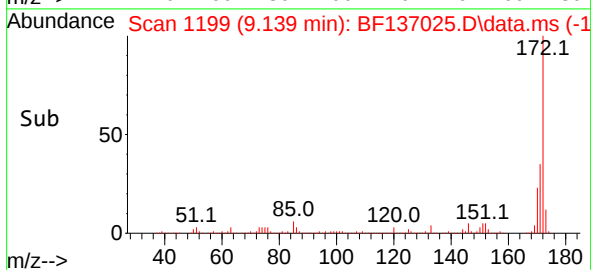
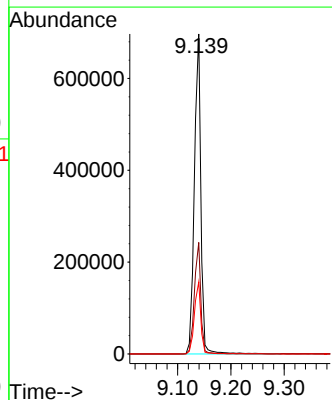
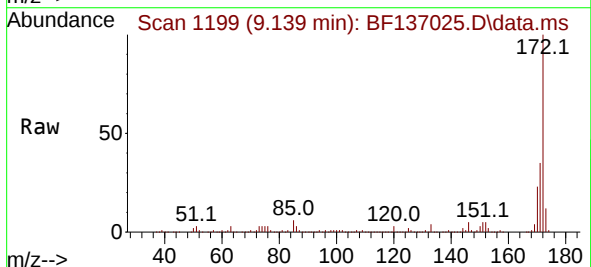


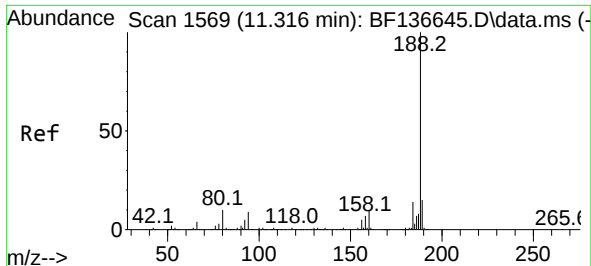
Tgt Ion:330 Resp: 119000
Ion Ratio Lower Upper
330 100
332 94.7 77.4 116.0
141 27.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 102.961 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

Tgt Ion:172 Resp: 594251
Ion Ratio Lower Upper
172 100
171 34.9 29.0 43.6
170 22.5 19.0 28.4

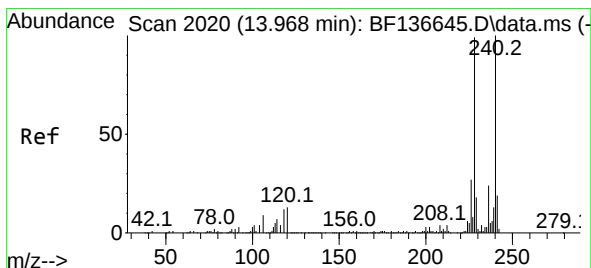
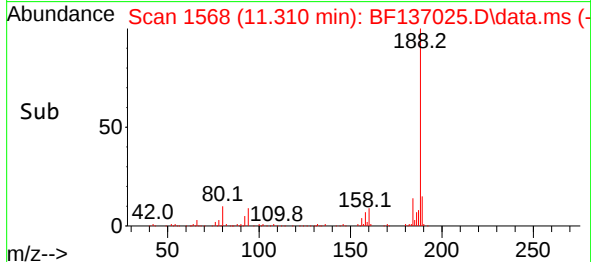
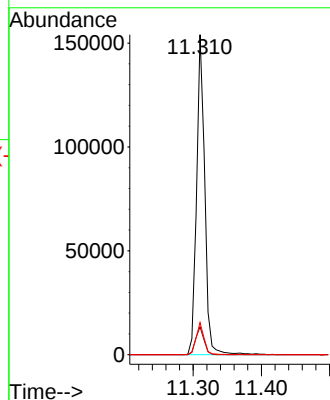
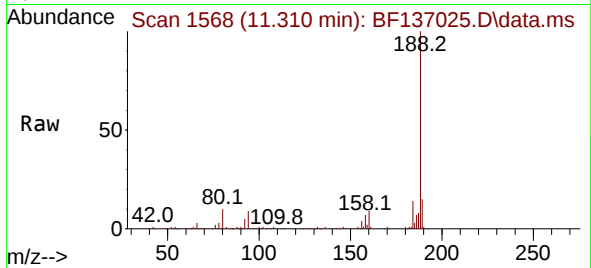




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

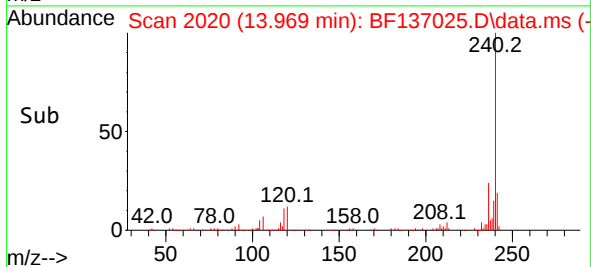
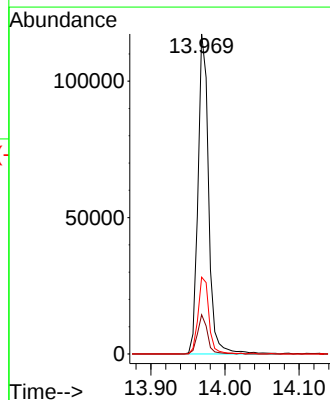
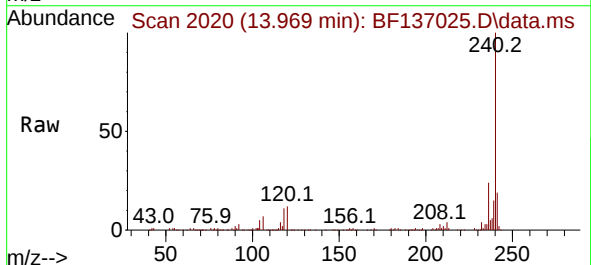
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ClientSampleId :
MR-301P-25-27

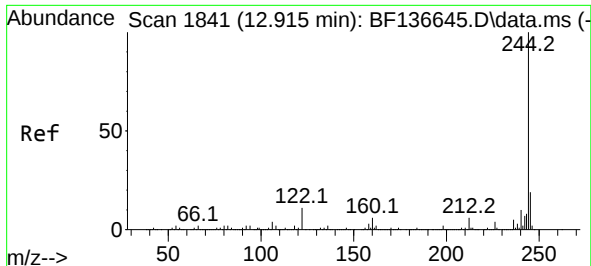
Tgt Ion:188 Resp: 127861
Ion Ratio Lower Upper
188 100
94 8.6 7.5 11.3
80 10.0 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

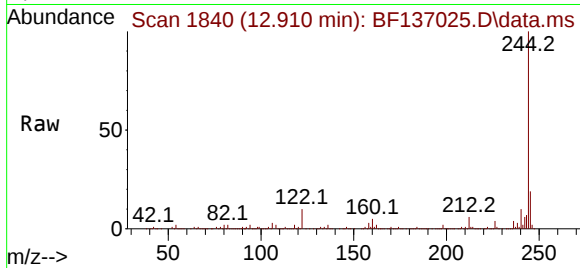
Tgt Ion:240 Resp: 116404
Ion Ratio Lower Upper
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120 12.3 10.3 15.5
236 24.0 19.4 29.2



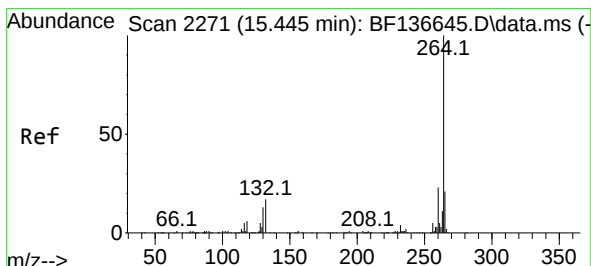
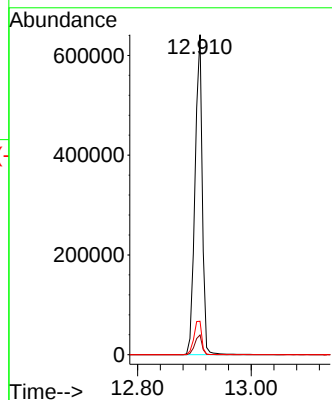
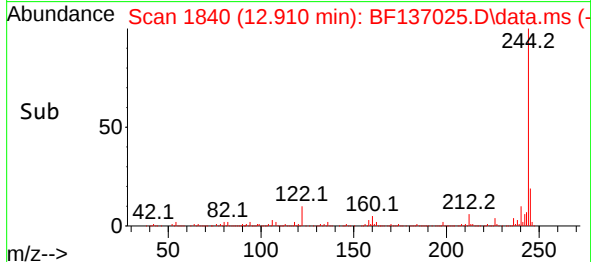


#79
 Terphenyl-d14
 Concen: 68.530 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137025.D
 Acq: 10 Jan 2024 17:56

Instrument :
 BNA_F
 ClientSampleId :
 MR-301P-25-27



Tgt Ion:244 Resp: 570826
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. 0.018 min
 Lab File: BF137025.D
 Acq: 10 Jan 2024 17:56

Tgt Ion:264 Resp: 135312
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.3 27.5
 265 20.9 17.0 25.6

