

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137101.D
 Acq On : 17 Jan 2024 19:05
 Operator : CG\JU
 Sample : P1140-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-309-0-2

Quant Time: Jan 18 01:17:15 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	6.786	152	61367	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	235978	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	115738	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	190233	20.000	ng	0.00
76) Chrysene-d12	13.974	240	114034	20.000	ng	0.00
86) Perylene-d12	15.462	264	107011	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	455175	115.730	ng	0.02
7) Phenol-d6	6.439	99	526262	103.264	ng	0.00
23) Nitrobenzene-d5	7.351	82	379046	82.195	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	165439	121.372	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	771282	89.630	ng	-0.01
79) Terphenyl-d14	12.910	244	643977	78.918	ng	0.00

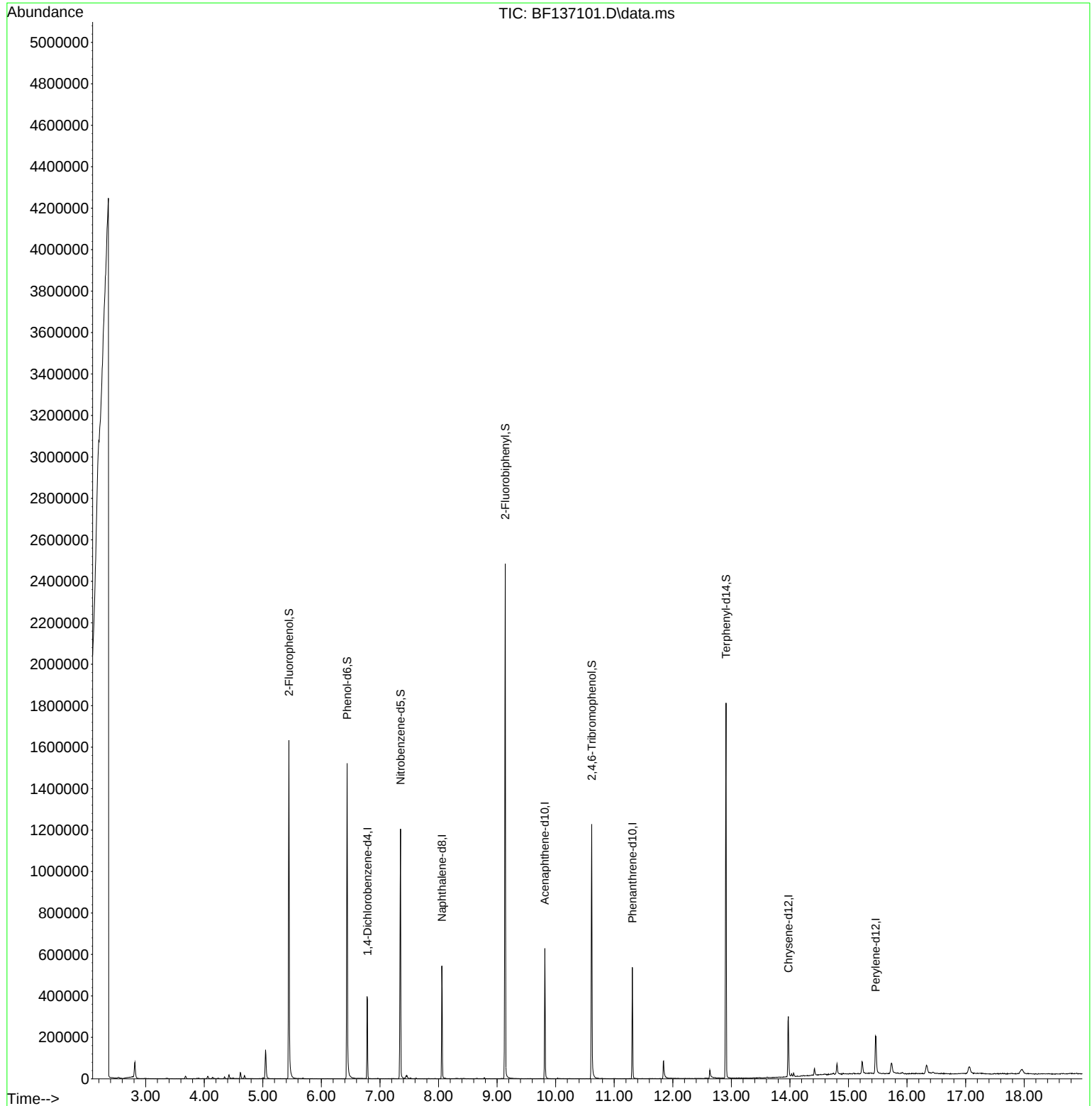
Target Compounds	Qvalue

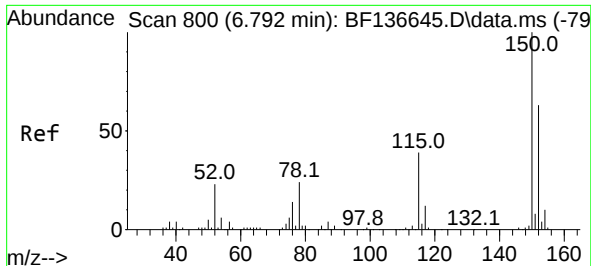
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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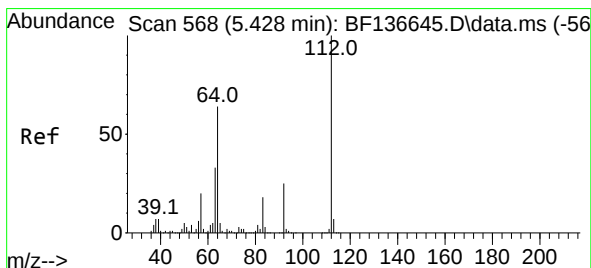
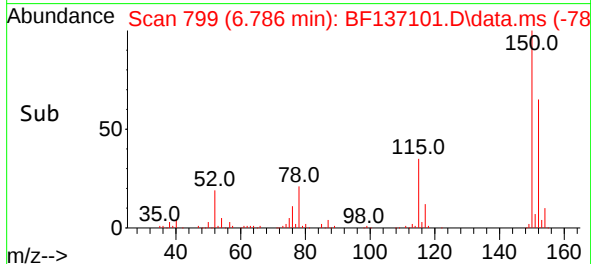
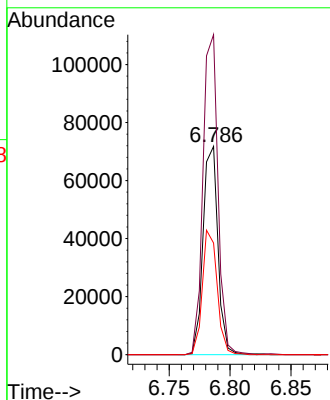
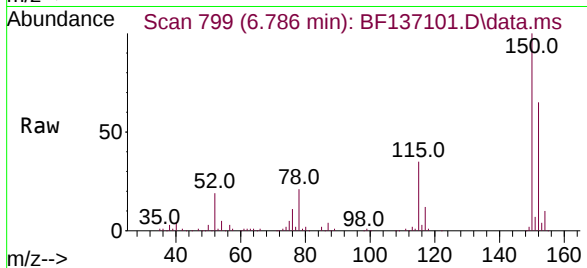




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

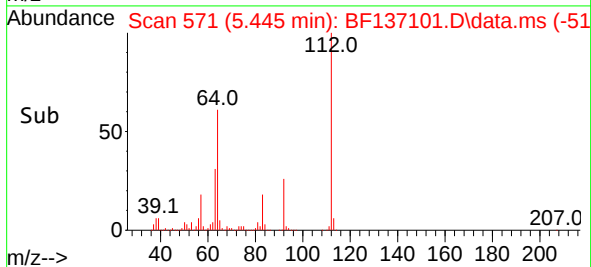
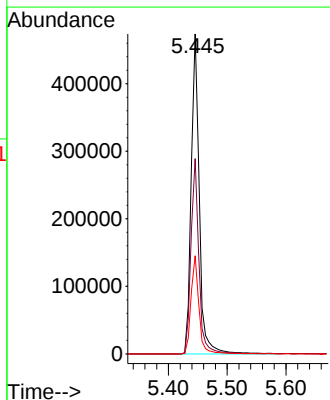
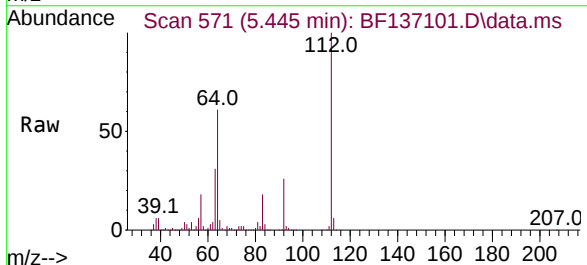
Instrument :
BNA_F
ClientSampleId :
MR-309-0-2

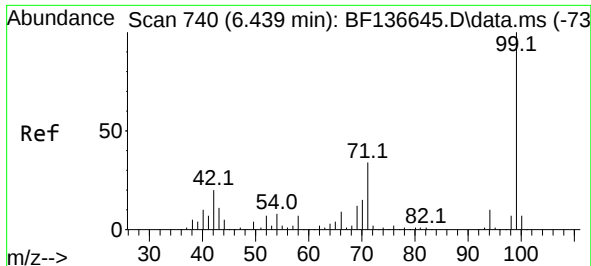
Tgt Ion:152 Resp: 61367
Ion Ratio Lower Upper
152 100
150 153.7 127.0 190.6
115 53.6 49.0 73.4



#5
2-Fluorophenol
Concen: 115.730 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

Tgt Ion:112 Resp: 455175
Ion Ratio Lower Upper
112 100
64 61.0 51.1 76.7
63 30.7 26.1 39.1

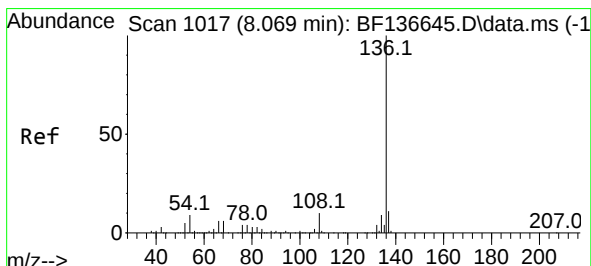
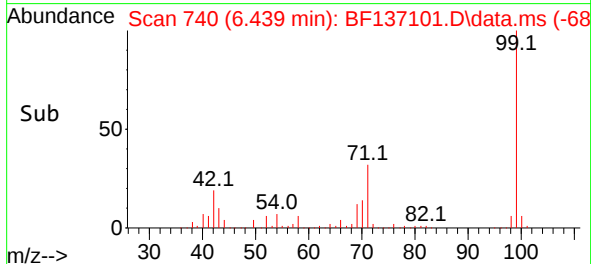
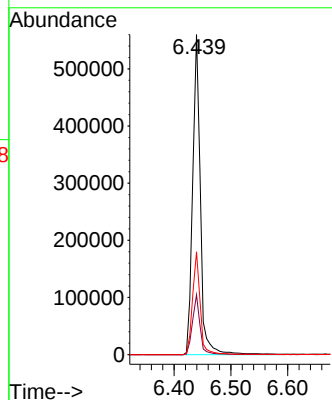
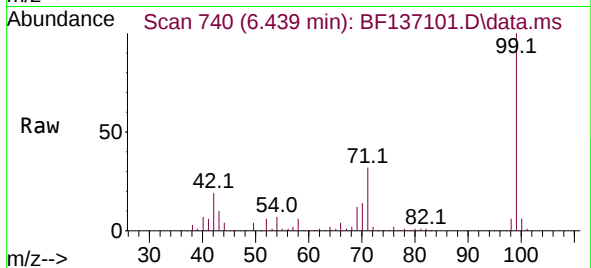




#7
Phenol-d6
Concen: 103.264 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

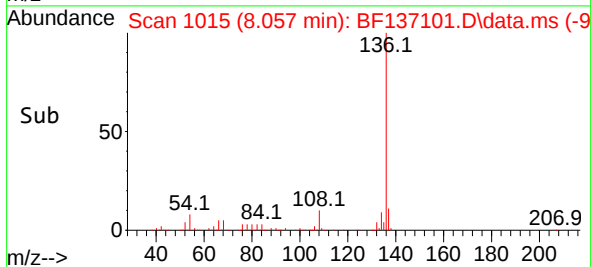
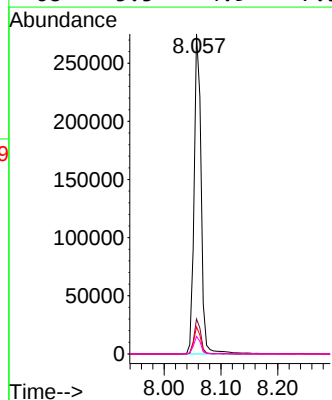
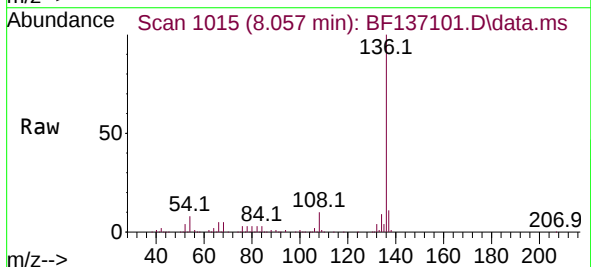
Instrument :
BNA_F
ClientSampleId :
MR-309-0-2

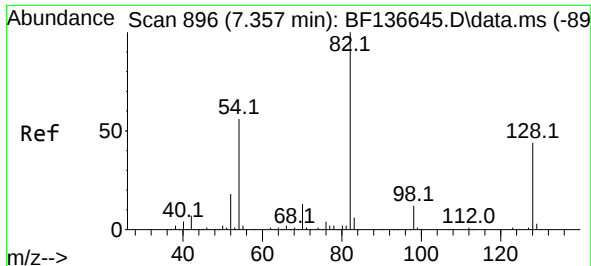
Tgt Ion:	99	Resp:	526262
Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.1	24.1
71	32.1	27.4	41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

Tgt Ion:	136	Resp:	235978
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.4	7.2	10.8
68	5.5	4.9	7.3

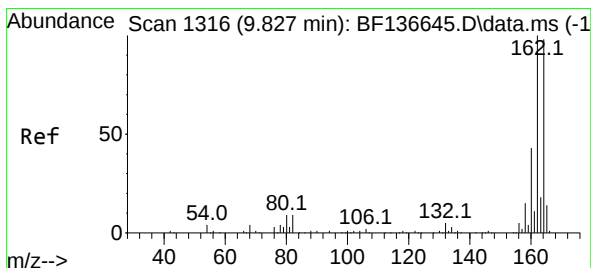
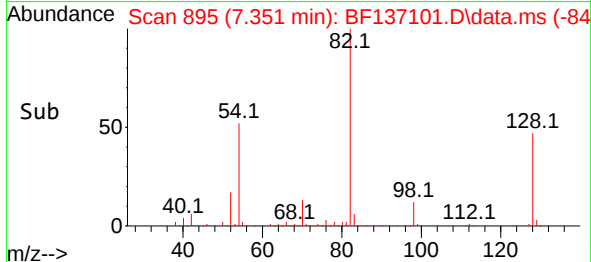
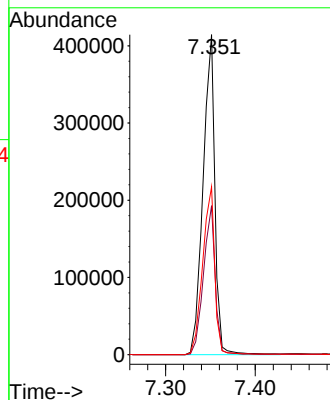
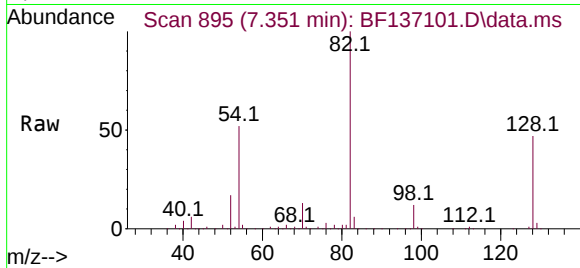




#23
 Nitrobenzene-d5
 Concen: 82.195 ng
 RT: 7.351 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BF137101.D
 Acq: 17 Jan 2024 19:05

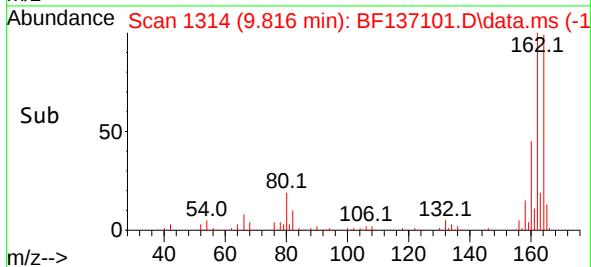
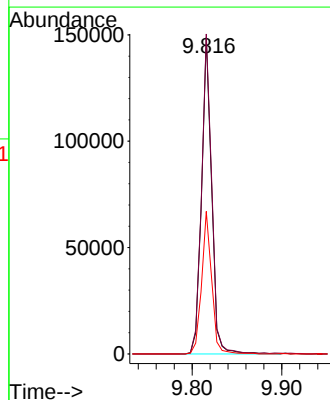
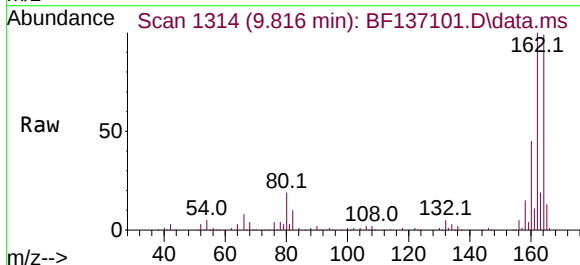
Instrument :
 BNA_F
 ClientSampleId :
 MR-309-0-2

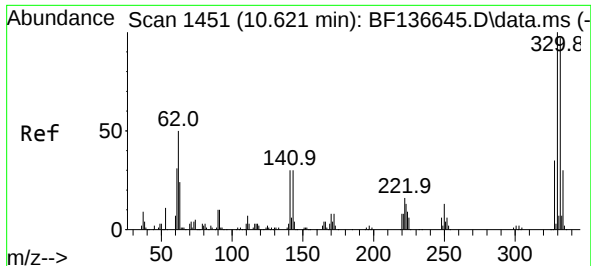
Tgt Ion: 82 Resp: 379046
 Ion Ratio Lower Upper
 82 100
 128 46.5 35.3 52.9
 54 52.4 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF137101.D
 Acq: 17 Jan 2024 19:05

Tgt Ion:164 Resp: 115738
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.6 122.4
 160 45.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 121.372 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137101.D

Acq: 17 Jan 2024 19:05

Instrument :

BNA_F

ClientSampleId :

MR-309-0-2

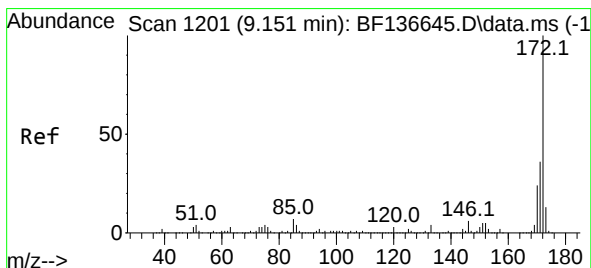
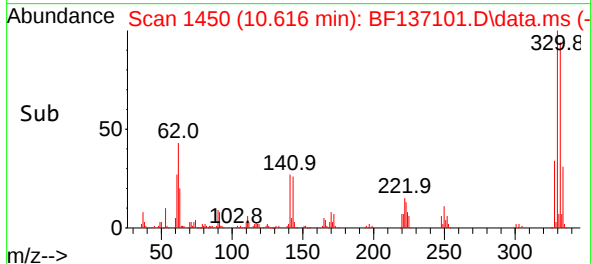
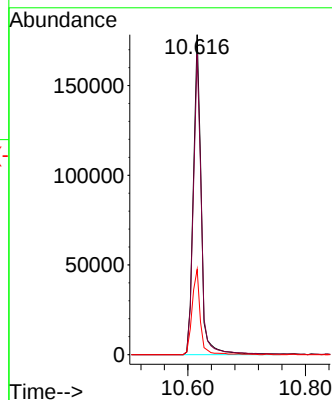
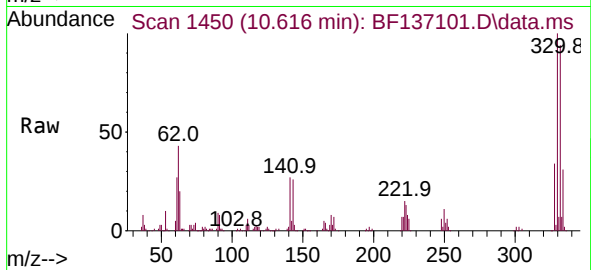
Tgt Ion:330 Resp: 165439

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

141 27.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 89.630 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137101.D

Acq: 17 Jan 2024 19:05

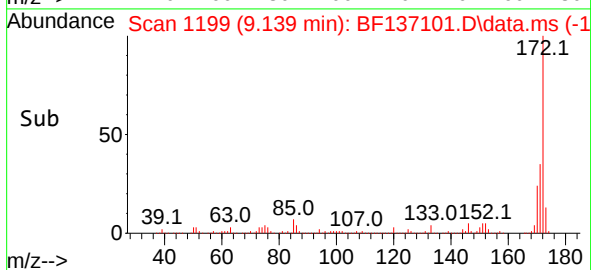
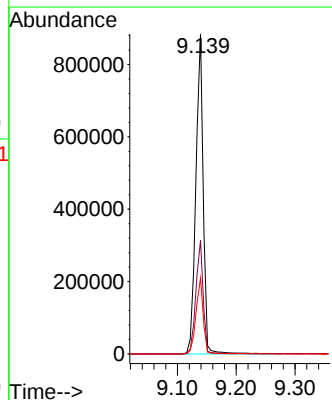
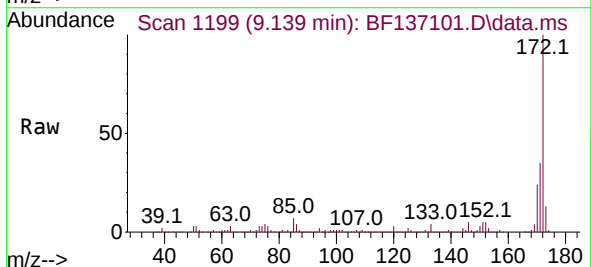
Tgt Ion:172 Resp: 771282

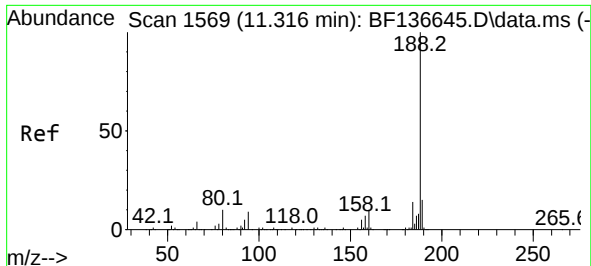
Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

170 23.7 19.0 28.4

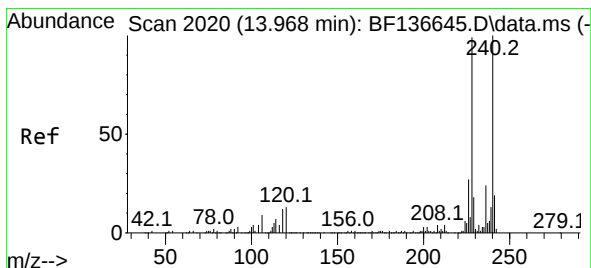
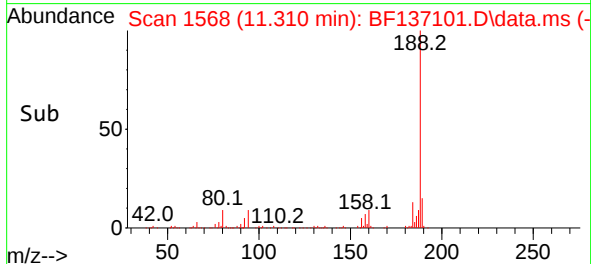
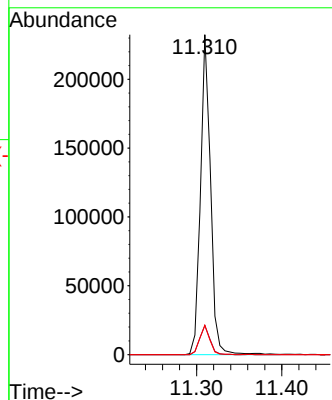
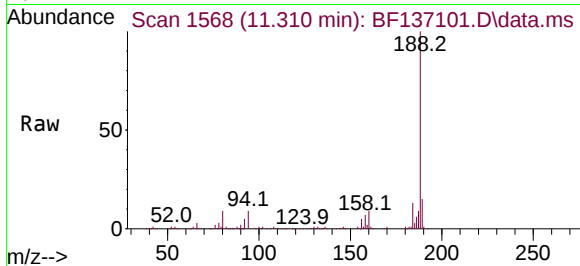




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

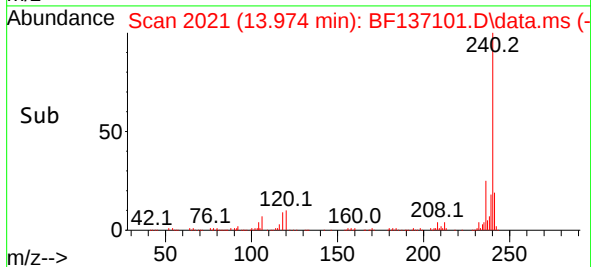
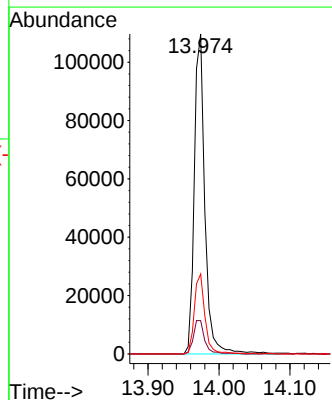
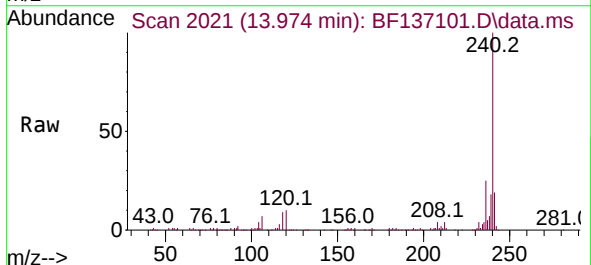
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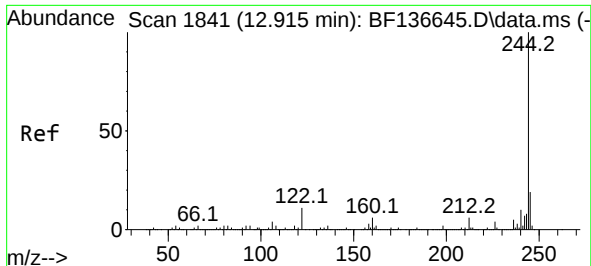
Tgt Ion:188 Resp: 190233
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

Tgt Ion:240 Resp: 114034
Ion Ratio Lower Upper
240 100
120 10.4 10.3 15.5
236 25.0 19.4 29.2

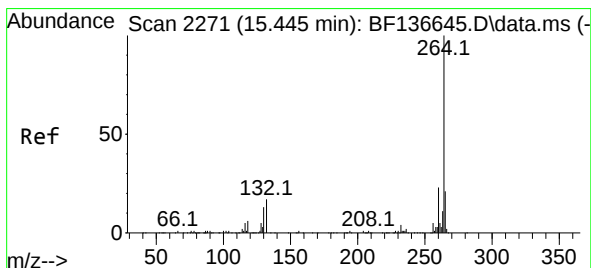
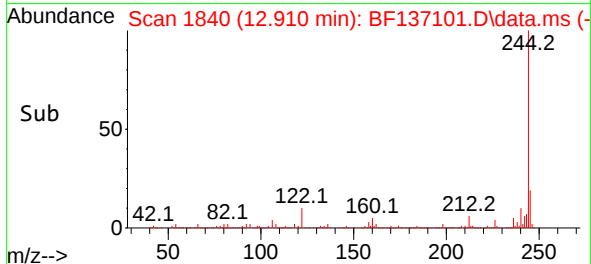
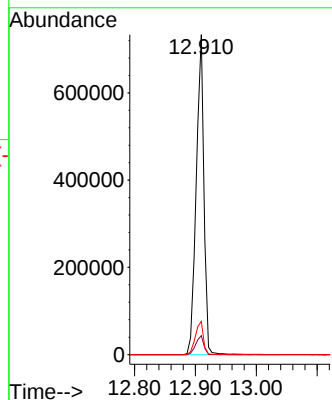
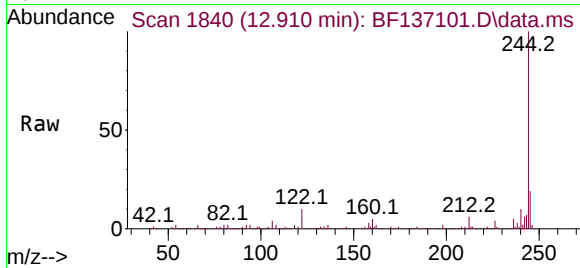




#79
 Terphenyl-d14
 Concen: 78.918 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137101.D
 Acq: 17 Jan 2024 19:05

Instrument :
 BNA_F
 ClientSampleId :
 MR-309-0-2

Tgt Ion:244 Resp: 643977
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.0 7.4
 122 10.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. 0.018 min
 Lab File: BF137101.D
 Acq: 17 Jan 2024 19:05

Tgt Ion:264 Resp: 107011
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 22.2 17.0 25.6

