

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137048.D
 Acq On : 12 Jan 2024 15:01
 Operator : CG\JU
 Sample : P1119-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-J

Quant Time: Jan 12 15:39:20 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	6.781	152	58511	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	220223	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	114013	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	200691	20.000	ng	0.00
76) Chrysene-d12	13.968	240	106495	20.000	ng	0.00
86) Perylene-d12	15.457	264	131687	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	254877	67.967	ng	0.00
7) Phenol-d6	6.434	99	313929	64.606	ng	0.00
23) Nitrobenzene-d5	7.345	82	195092	45.332	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	86190	64.189	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	413993	48.838	ng	-0.02
79) Terphenyl-d14	12.904	244	362956	47.628	ng	-0.01

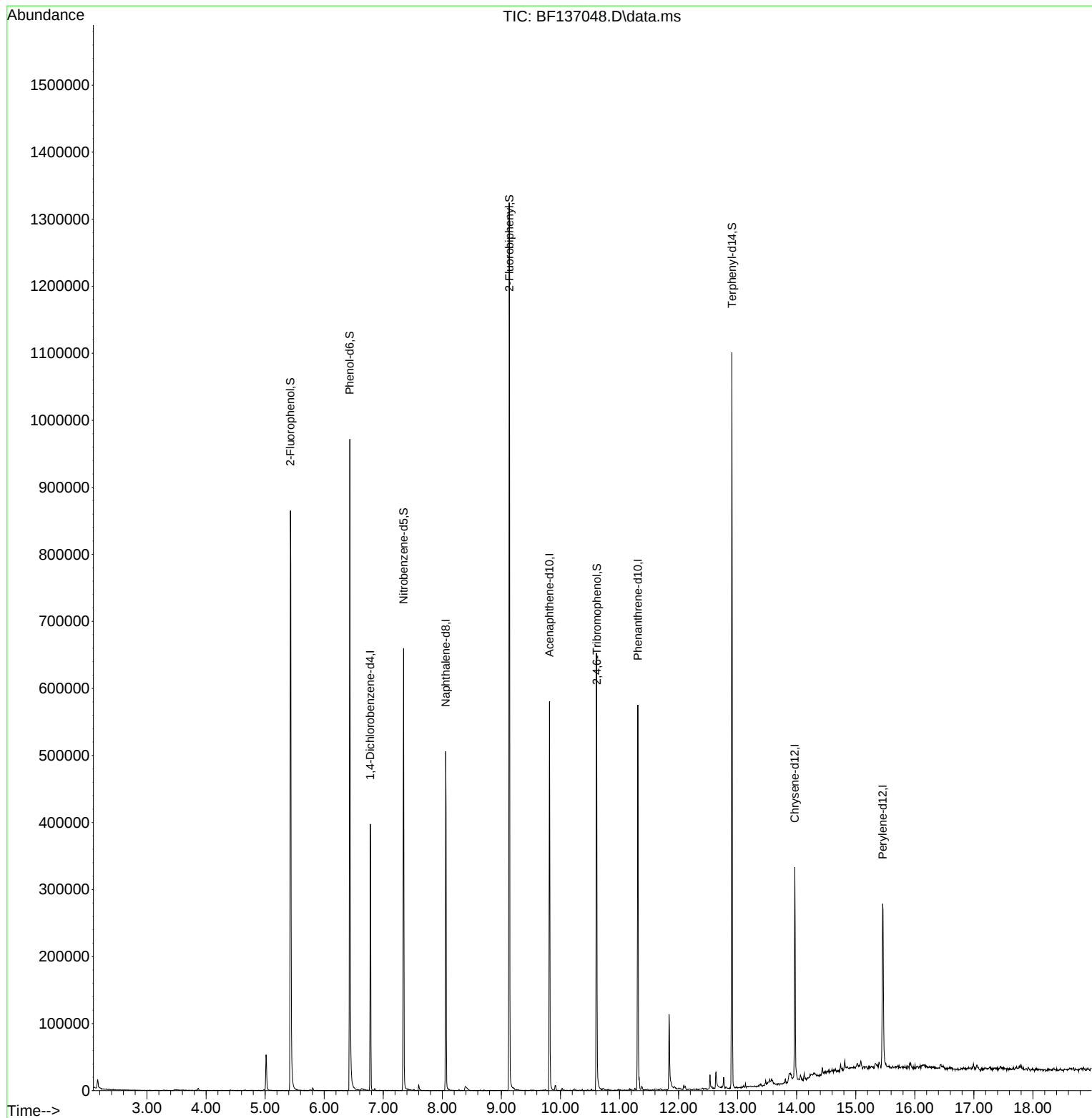
Target Compounds	Qvalue

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

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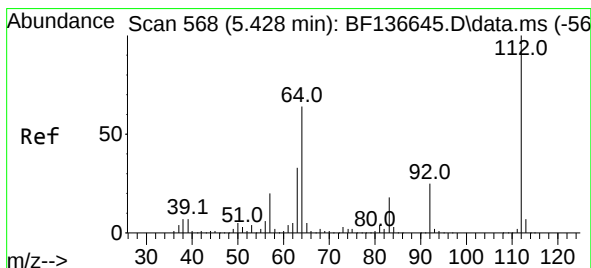
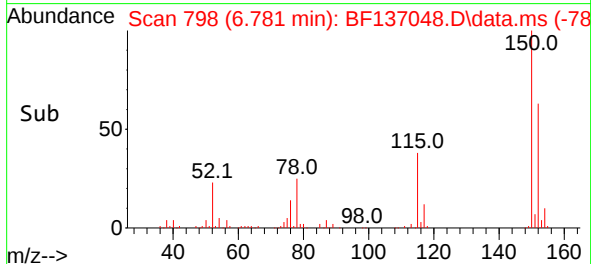
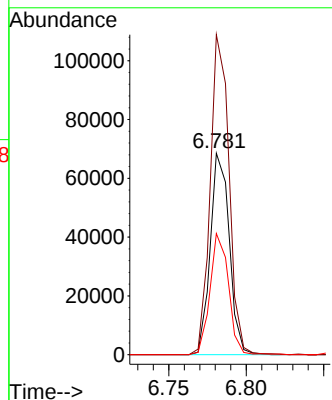
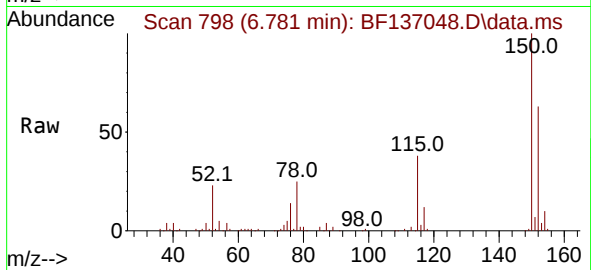




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

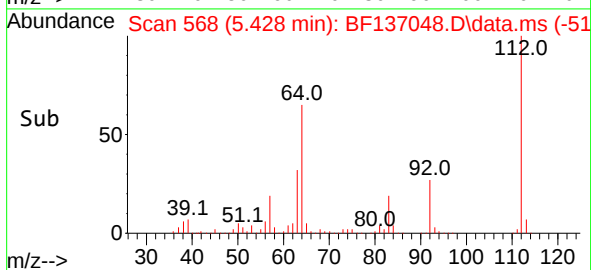
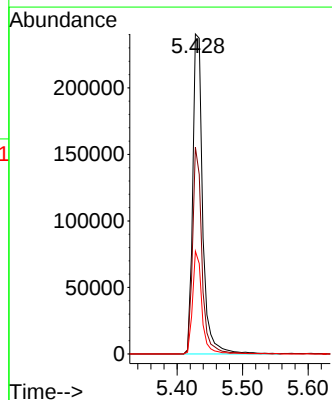
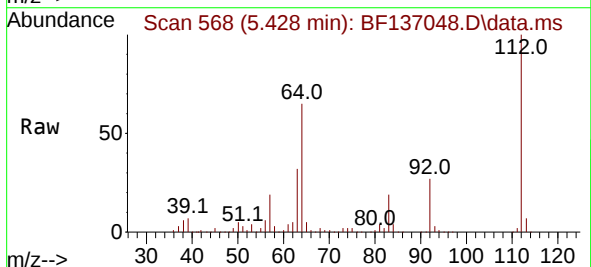
Instrument :
BNA_F
ClientSampleId :
MH-J

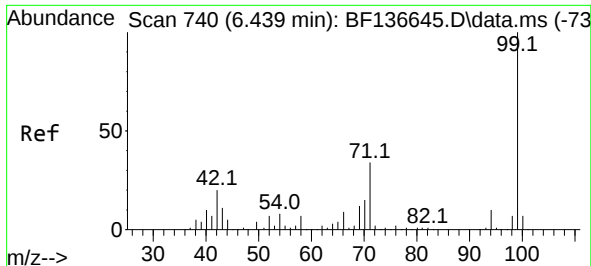
Tgt Ion:152 Resp: 58511
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.6
115 60.2 49.0 73.4



#5
2-Fluorophenol
Concen: 67.967 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

Tgt Ion:112 Resp: 254877
Ion Ratio Lower Upper
112 100
64 64.6 51.1 76.7
63 32.1 26.1 39.1

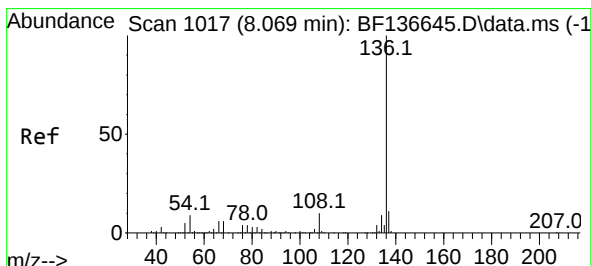
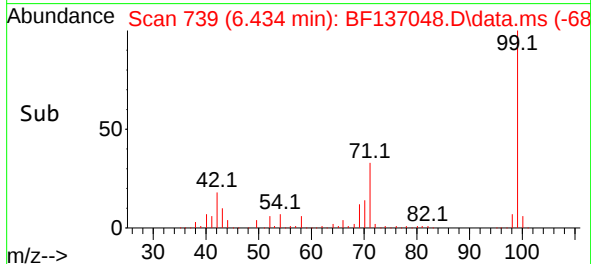
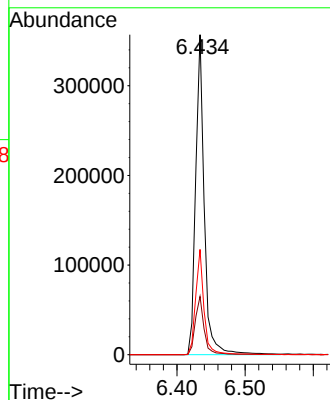
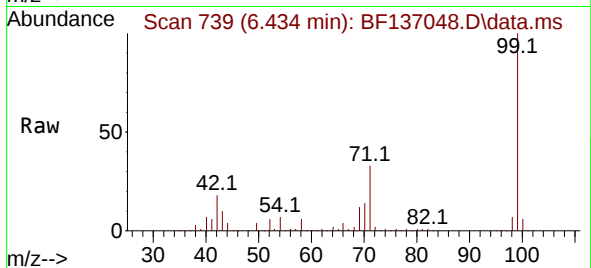




#7
Phenol-d6
Concen: 64.606 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

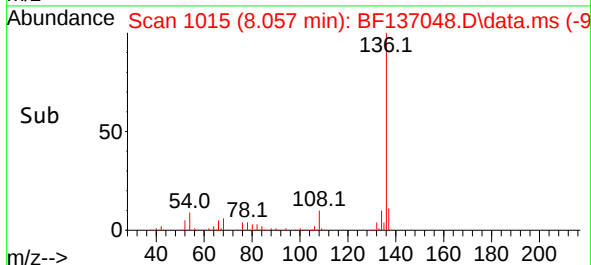
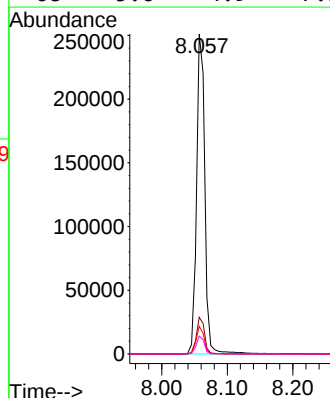
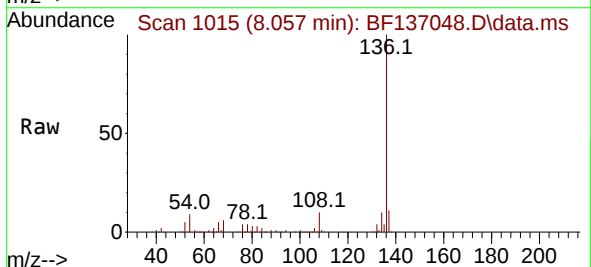
Instrument :
BNA_F
ClientSampleId :
MH-J

Tgt Ion: 99 Resp: 313929
Ion Ratio Lower Upper
99 100
42 18.2 16.1 24.1
71 32.9 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: BF137048.D
Acq: 12 Jan 2024 15:01

Tgt Ion: 136 Resp: 220223
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 8.7 7.2 10.8
68 5.6 4.9 7.3

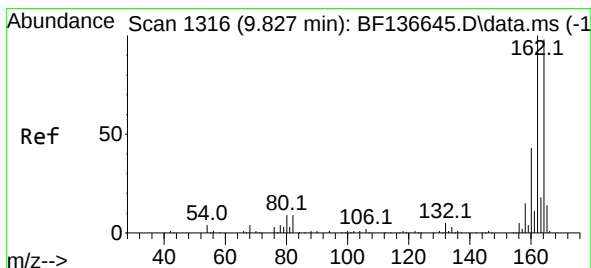
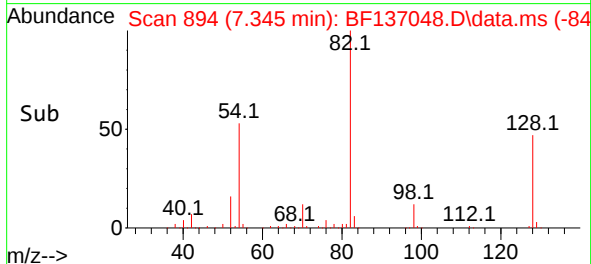
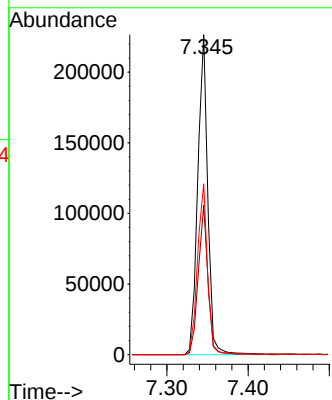
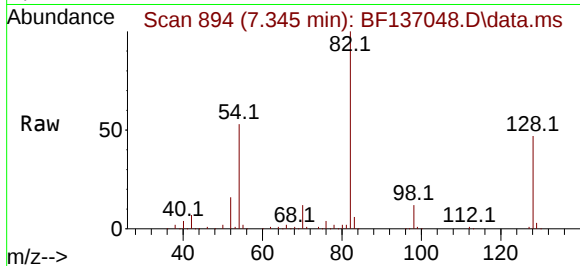




#23
 Nitrobenzene-d5
 Concen: 45.332 ng
 RT: 7.345 min Scan# 89
 Delta R.T. -0.012 min
 Lab File: BF137048.D
 Acq: 12 Jan 2024 15:01

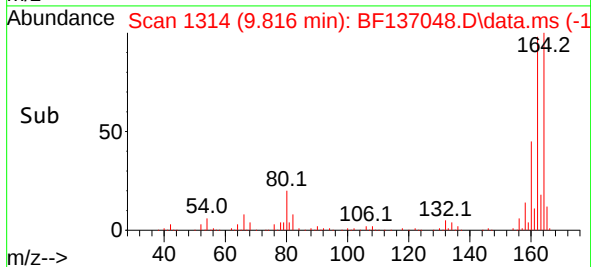
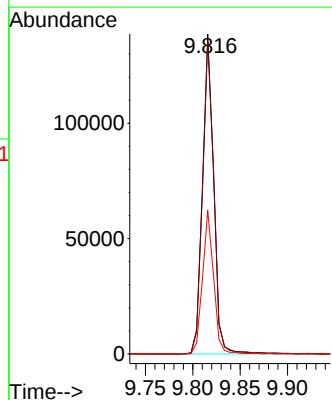
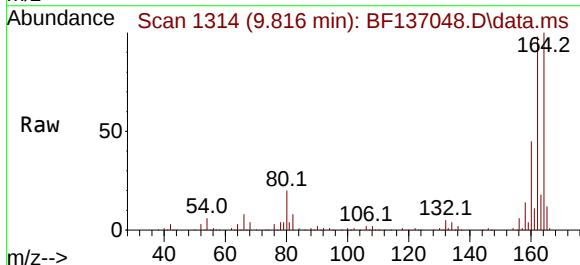
Instrument :
 BNA_F
 ClientSampleId :
 MH-J

Tgt Ion: 82 Resp: 195092
 Ion Ratio Lower Upper
 82 100
 128 46.8 35.3 52.9
 54 53.4 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: BF137048.D
 Acq: 12 Jan 2024 15:01

Tgt Ion:164 Resp: 114013
 Ion Ratio Lower Upper
 164 100
 162 97.8 81.6 122.4
 160 44.9 34.9 52.3

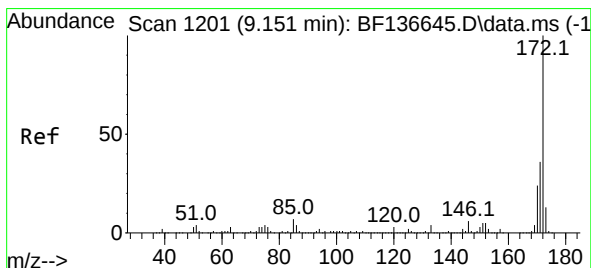
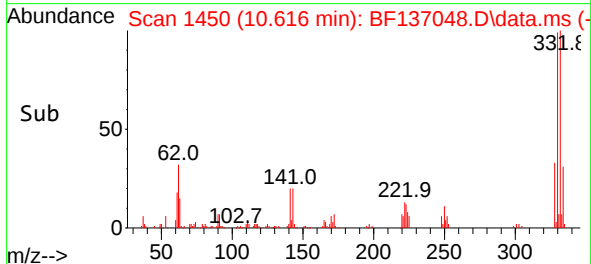
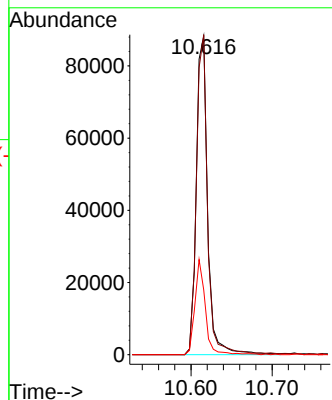
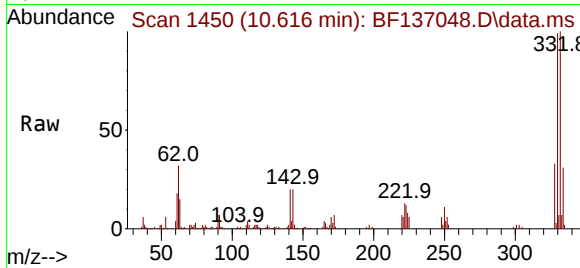




#42
2,4,6-Tribromophenol
Concen: 64.189 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

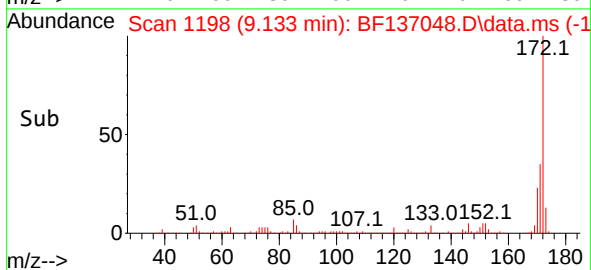
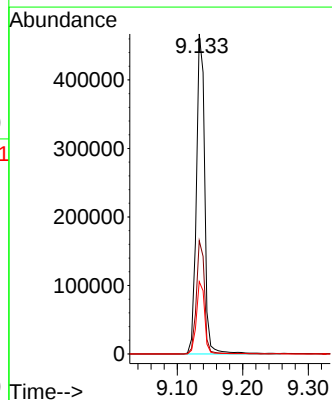
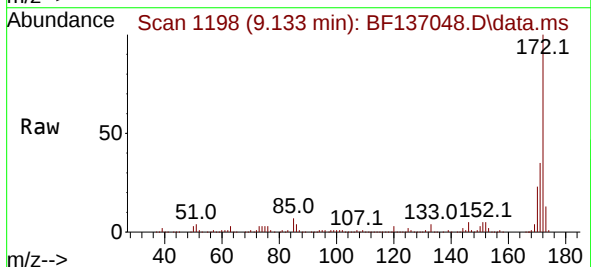
Instrument :
BNA_F
ClientSampleId :
MH-J

Tgt Ion	330	Resp	86190
Ion Ratio	Lower	Upper	
330	100		
332	98.4	77.4	116.0
141	27.4	23.4	35.2



#45
2-Fluorobiphenyl
Concen: 48.838 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

Tgt Ion	172	Resp	413993
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.0	43.6
170	22.6	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: BF137048.D

Acq: 12 Jan 2024 15:01

Instrument :

BNA_F

ClientSampleId :

MH-J

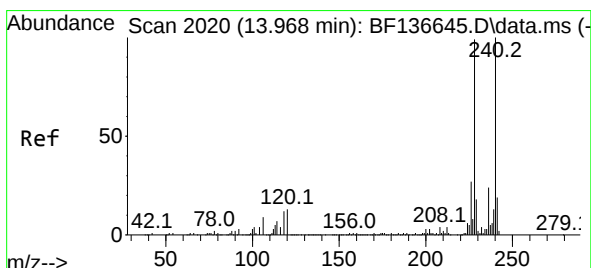
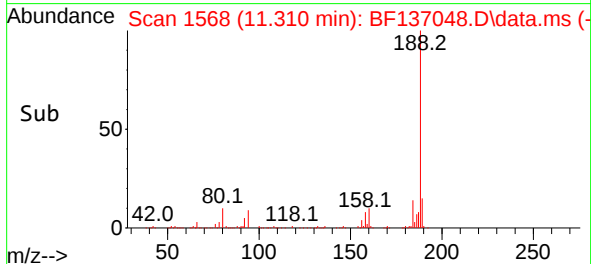
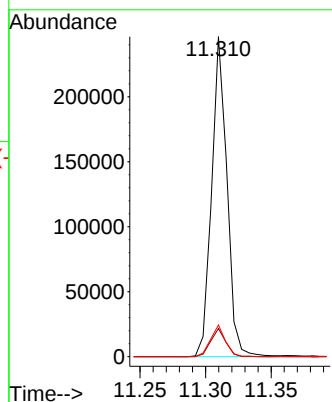
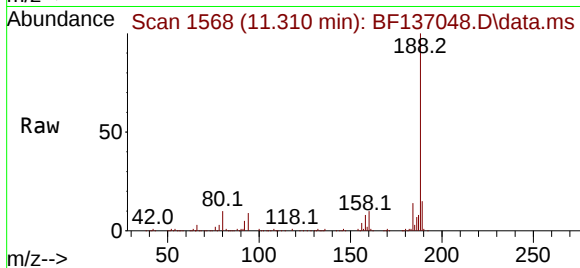
Tgt Ion:188 Resp: 200691

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 9.9 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137048.D

Acq: 12 Jan 2024 15:01

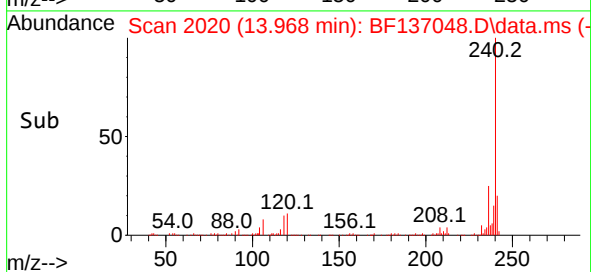
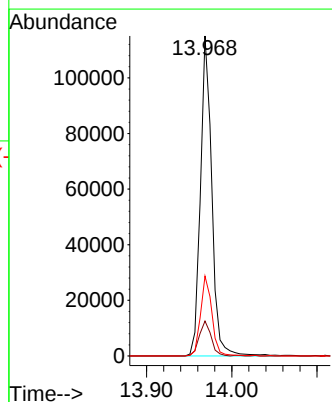
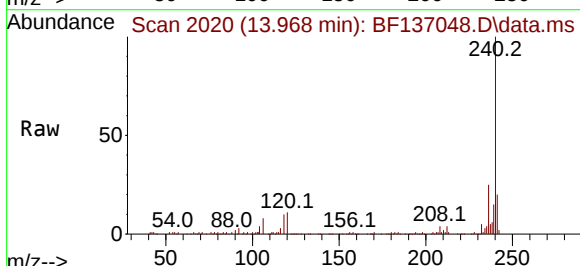
Tgt Ion:240 Resp: 106495

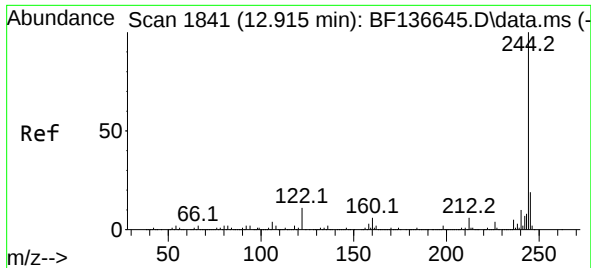
Ion Ratio Lower Upper

240 100

120 10.9 10.3 15.5

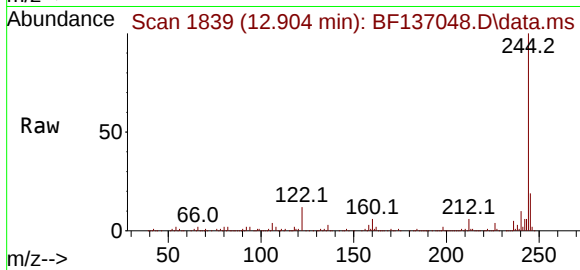
236 24.9 19.4 29.2



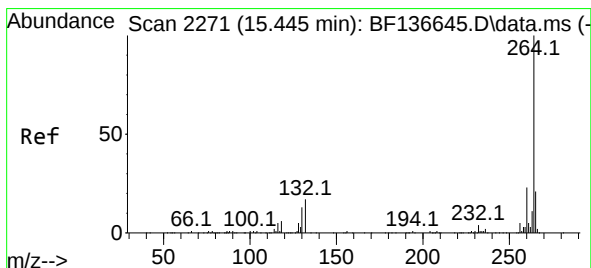
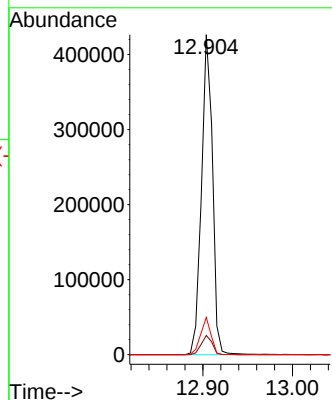
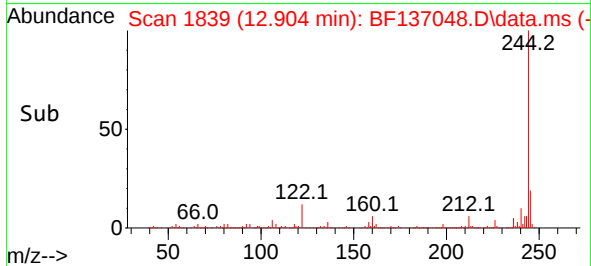


#79
 Terphenyl-d14
 Concen: 47.628 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF137048.D
 Acq: 12 Jan 2024 15:01

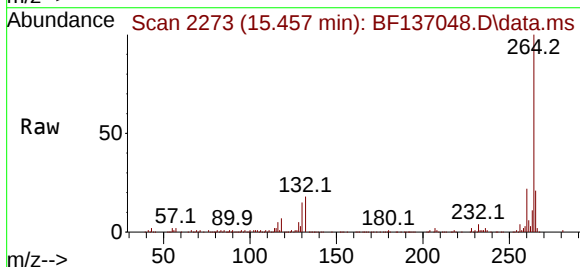
Instrument :
 BNA_F
 ClientSampleId :
 MH-J



Tgt Ion:244 Resp: 362956
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 11.7 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.012 min
 Lab File: BF137048.D
 Acq: 12 Jan 2024 15:01



Tgt Ion:264 Resp: 131687
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.3 27.5
 265 21.0 17.0 25.6

