

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
 Data File : BF137278.D
 Acq On : 05 Feb 2024 15:07
 Operator : CG\JU
 Sample : P1334-07 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-020124

Quant Time: Feb 05 15:31:53 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)

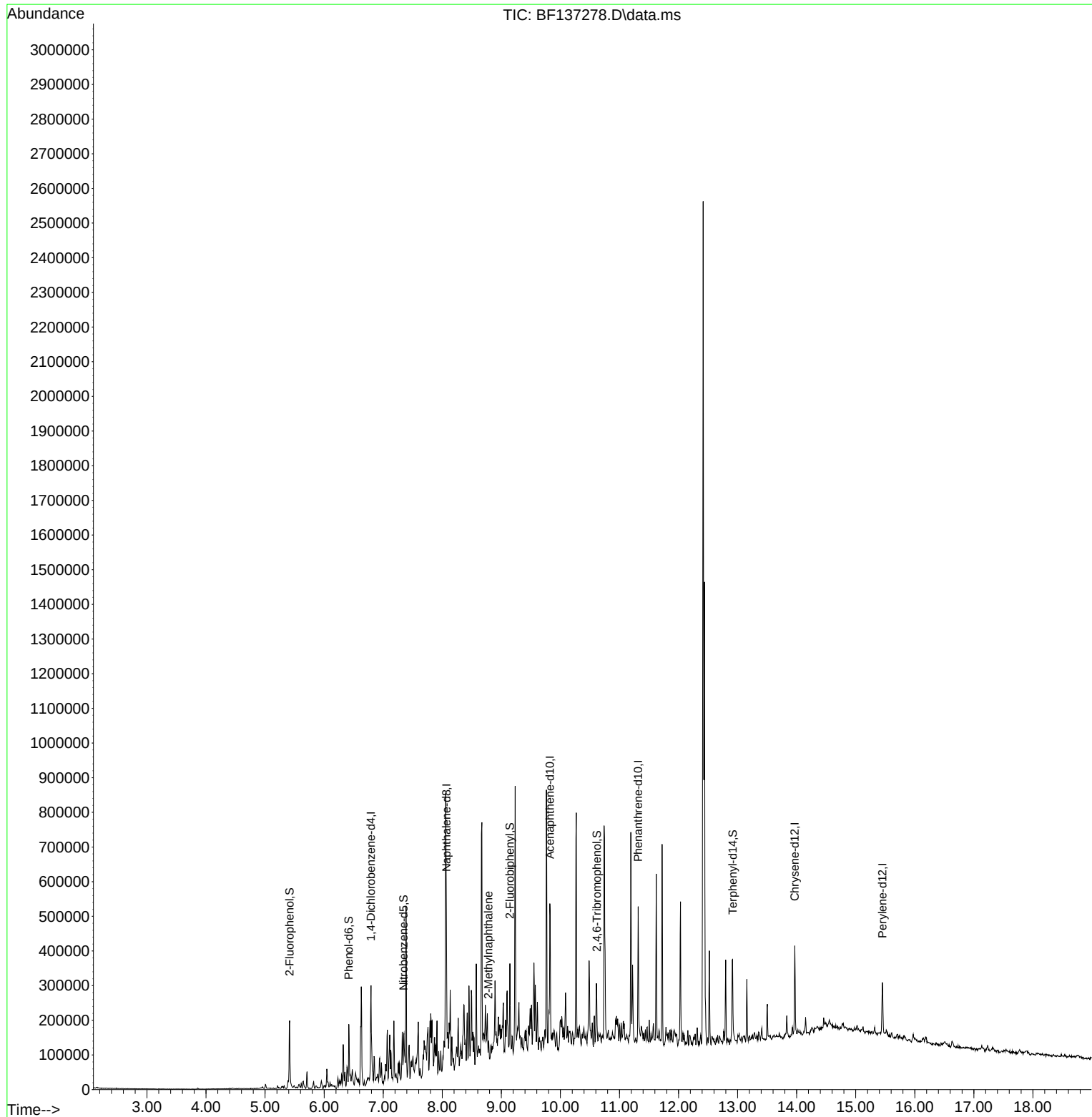
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	39487	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	138575	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	76584	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	145658	20.000	ng	0.00
76) Chrysene-d12	13.969	240	91304	20.000	ng	0.00
86) Perylene-d12	15.451	264	80914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	55641	23.251	ng	0.00
7) Phenol-d6	6.416	99	67489	19.762	ng	-0.01
23) Nitrobenzene-d5	7.345	82	38945	12.583	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	16136	18.656	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	70786	12.706	ng	0.00
79) Terphenyl-d14	12.916	244	91780	13.665	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.781	142	12224	2.434	ng	Qvalue 100

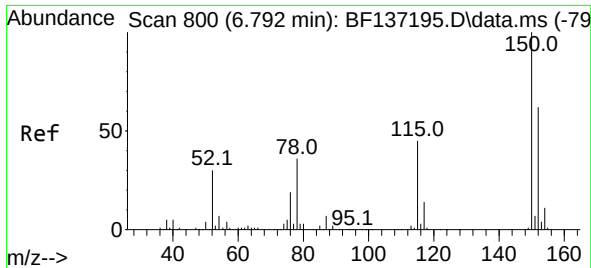
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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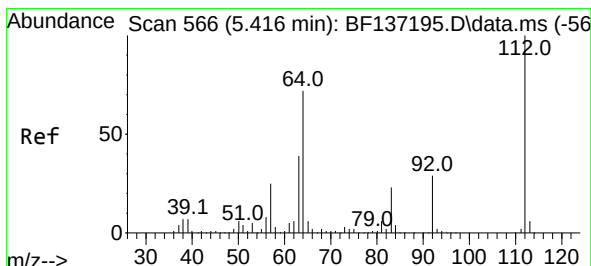
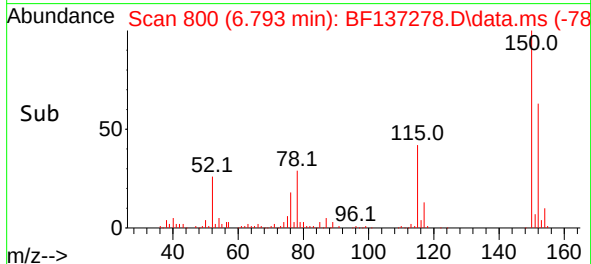
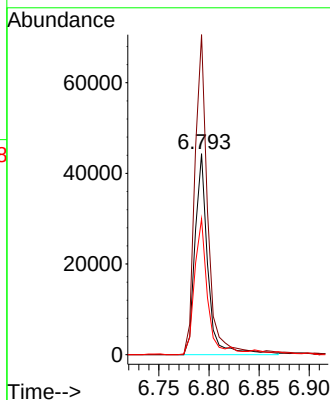
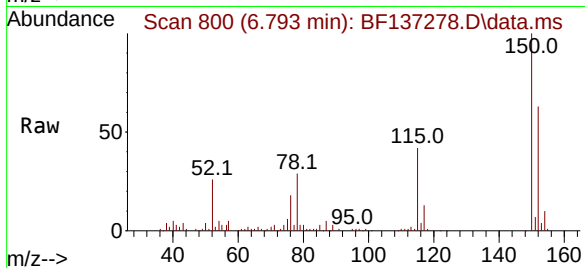




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 800
 Delta R.T. 0.001 min
 Lab File: BF137278.D
 Acq: 05 Feb 2024 15:07

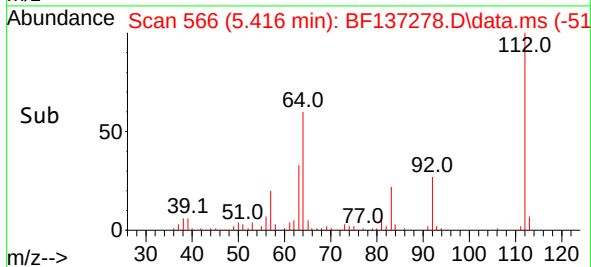
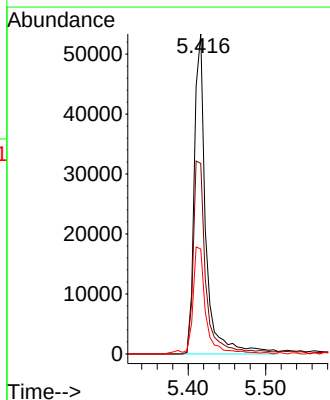
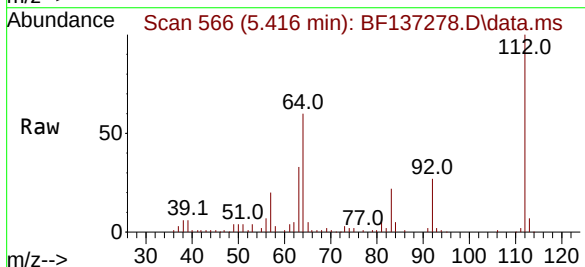
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-020124

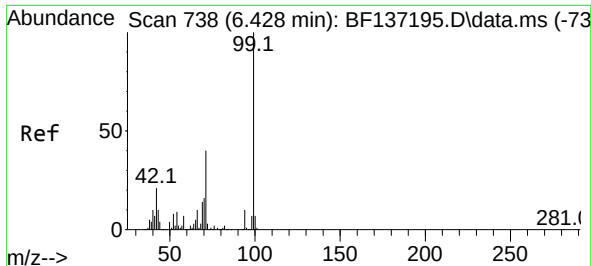
Tgt Ion:152 Resp: 39487
 Ion Ratio Lower Upper
 152 100
 150 159.2 129.8 194.8
 115 67.6 58.5 87.7



#5
 2-Fluorophenol
 Concen: 23.251 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: BF137278.D
 Acq: 05 Feb 2024 15:07

Tgt Ion:112 Resp: 55641
 Ion Ratio Lower Upper
 112 100
 64 59.6 57.8 86.6
 63 32.8 31.4 47.0

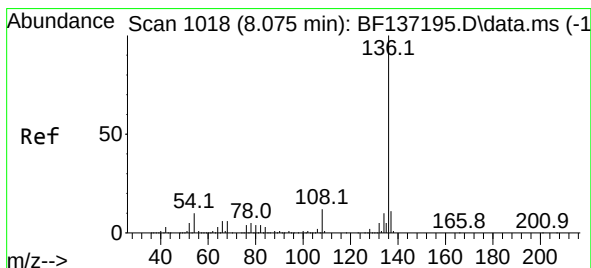
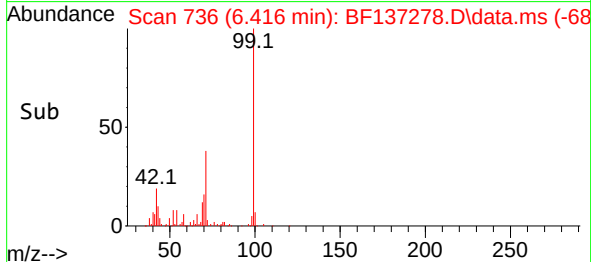
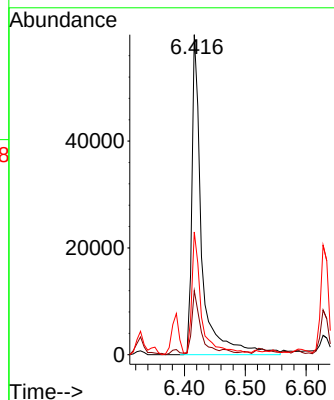
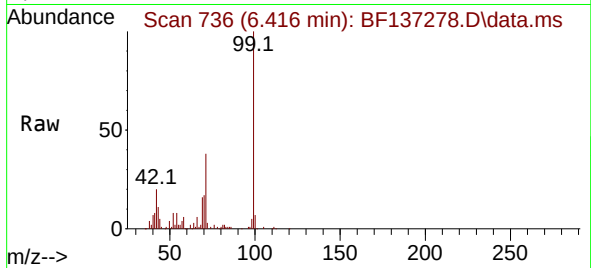




#7
Phenol-d6
Concen: 19.762 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

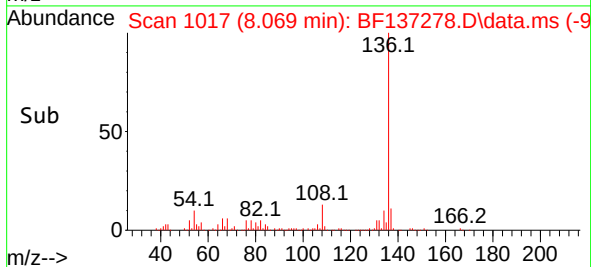
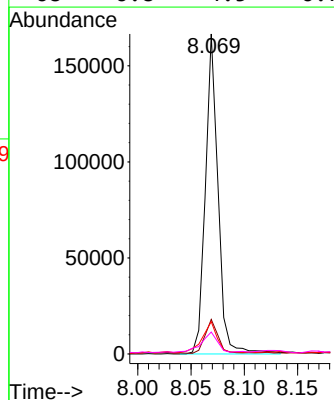
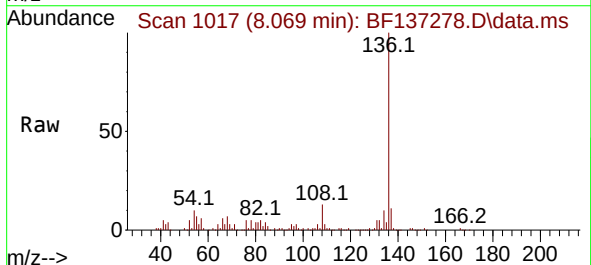
Instrument :
BNA_F
ClientSampleId :
HR-04-020124

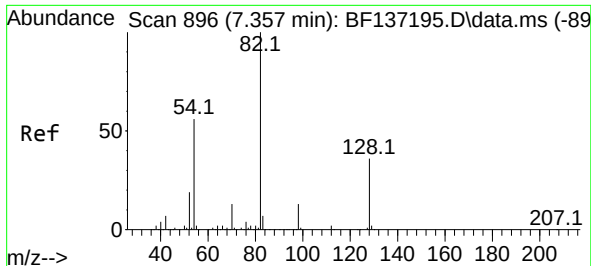
Tgt Ion: 99 Resp: 67489
Ion Ratio Lower Upper
99 100
42 20.0 16.4 24.6
71 38.4 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

Tgt Ion: 136 Resp: 138575
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.1 7.8 11.8
68 6.8 4.5 6.7#

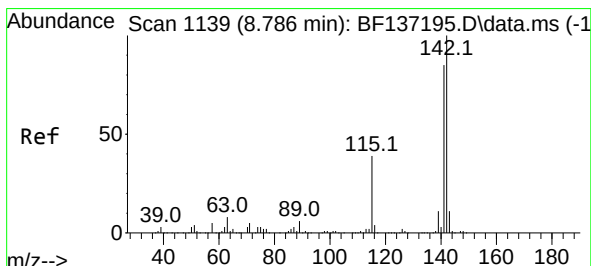
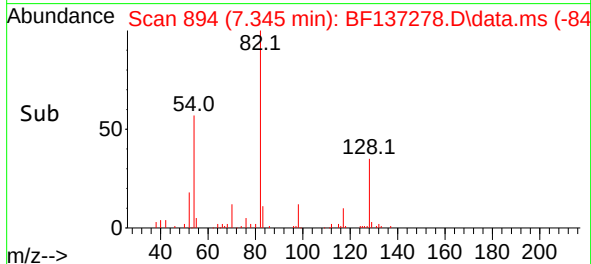
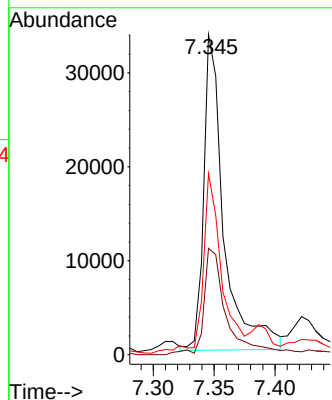
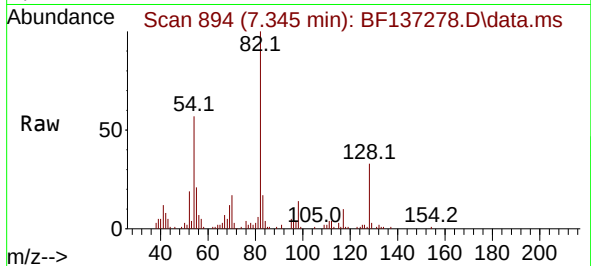




#23
Nitrobenzene-d5
Concen: 12.583 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

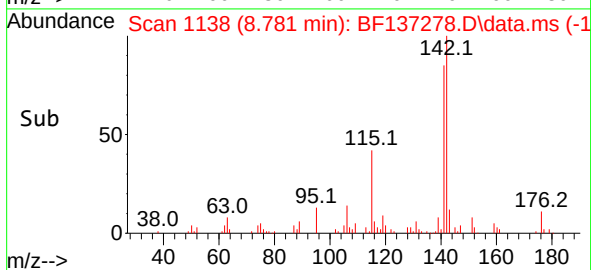
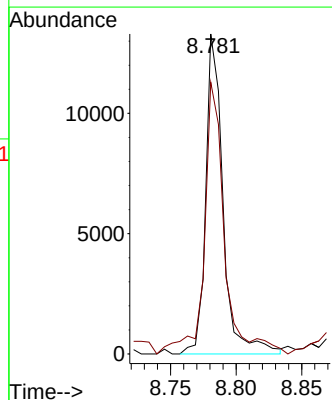
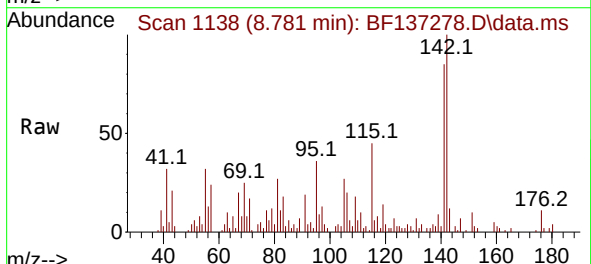
Instrument :
BNA_F
ClientSampleId :
HR-04-020124

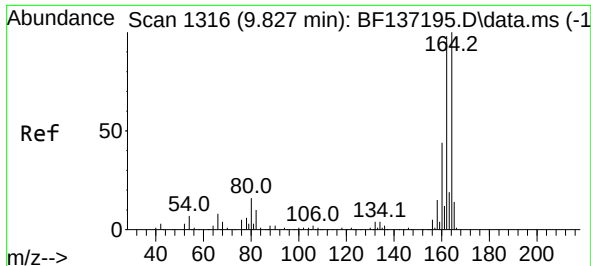
Tgt Ion: 82 Resp: 38945
Ion Ratio Lower Upper
82 100
128 33.3 29.1 43.7
54 56.7 45.0 67.6



#37
2-Methylnaphthalene
Concen: 2.434 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

Tgt Ion: 142 Resp: 12224
Ion Ratio Lower Upper
142 100
141 84.9 67.8 101.8

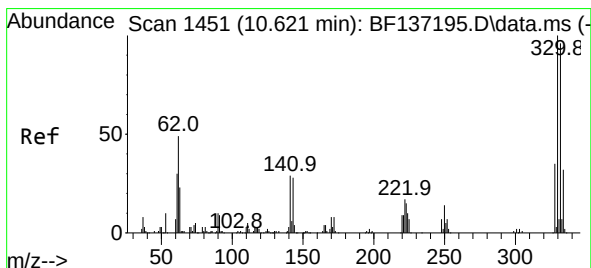
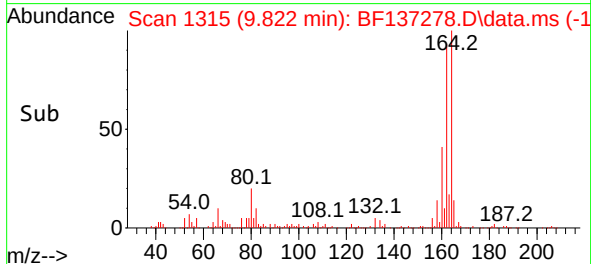
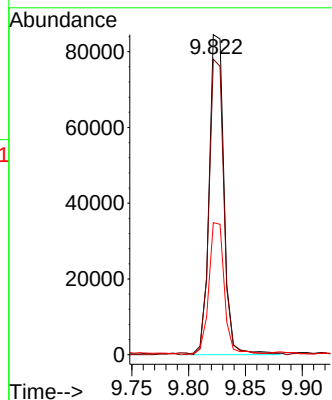
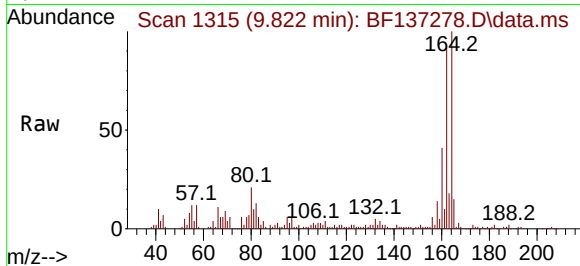




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

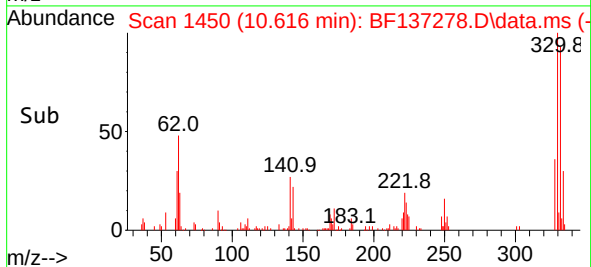
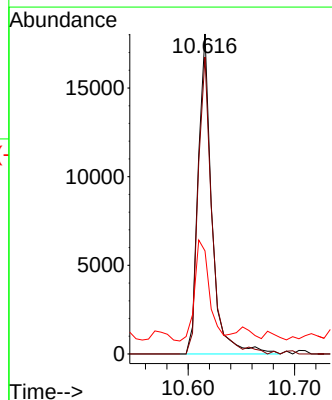
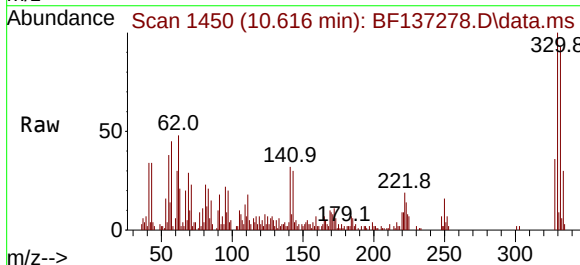
Instrument :
BNA_F
ClientSampleId :
HR-04-020124

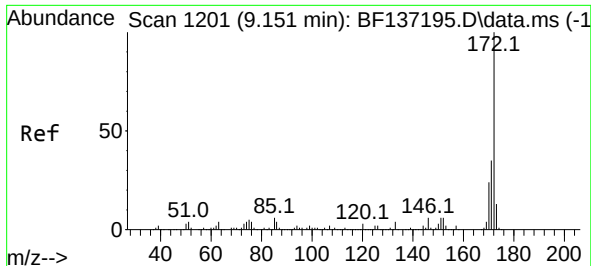
Tgt Ion:164 Resp: 76584
Ion Ratio Lower Upper
164 100
162 92.3 78.3 117.5
160 41.3 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 18.656 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

Tgt Ion:330 Resp: 16136
Ion Ratio Lower Upper
330 100
332 94.3 77.3 115.9
141 35.7 25.2 37.8

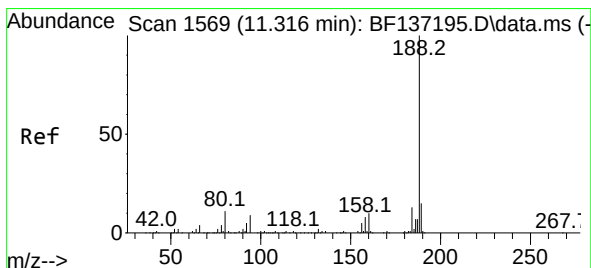
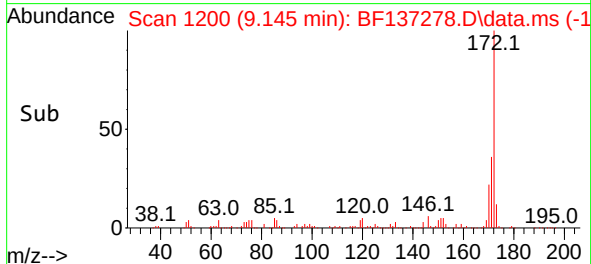
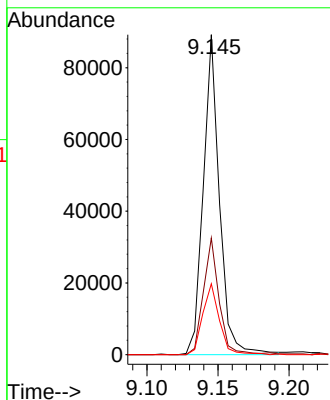
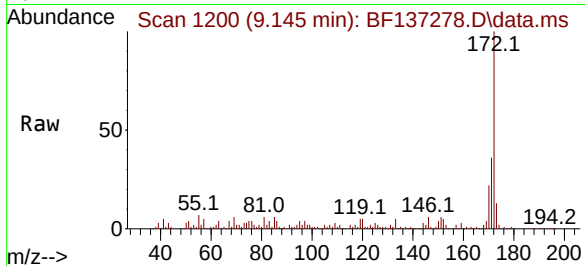




#45
2-Fluorobiphenyl
Concen: 12.706 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

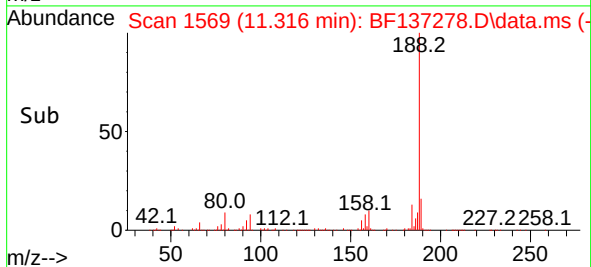
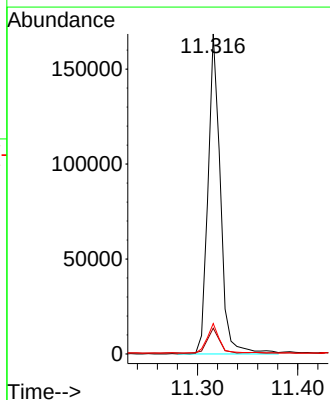
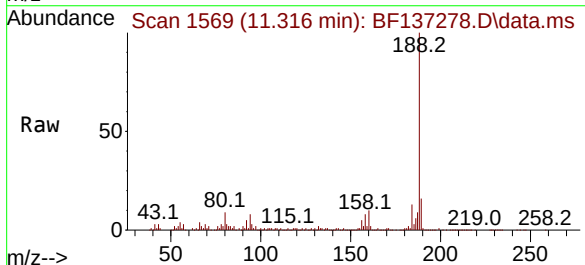
Instrument :
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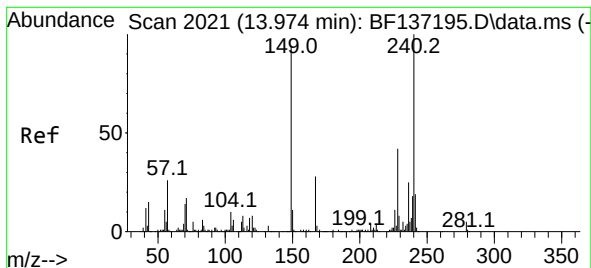
Tgt Ion:172 Resp: 70786
Ion Ratio Lower Upper
172 100
171 36.4 28.3 42.5
170 22.2 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

Tgt Ion:188 Resp: 145658
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 9.5 8.8 13.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137278.D

Acq: 05 Feb 2024 15:07

Instrument :

BNA_F

ClientSampleId :

HR-04-020124

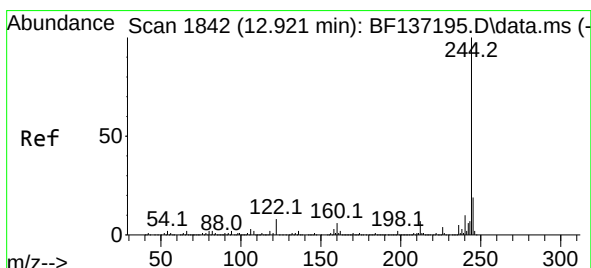
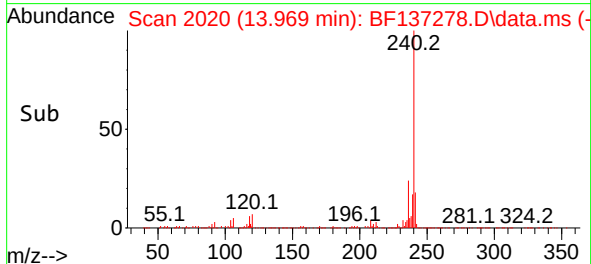
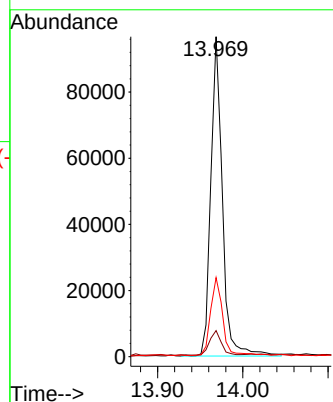
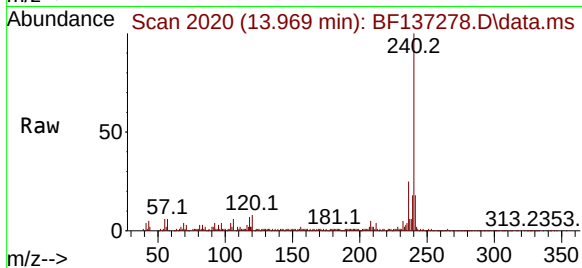
Tgt Ion:240 Resp: 91304

Ion Ratio Lower Upper

240 100

120 8.2 6.3 9.5

236 24.7 20.3 30.5



#79

Terphenyl-d14

Concen: 13.665 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF137278.D

Acq: 05 Feb 2024 15:07

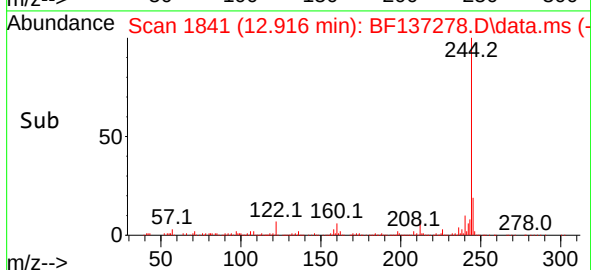
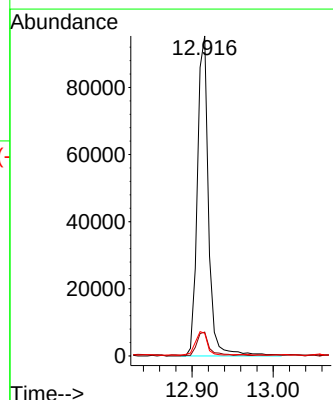
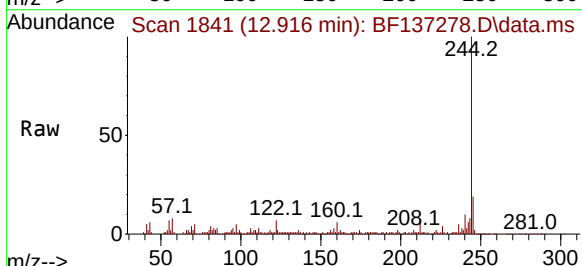
Tgt Ion:244 Resp: 91780

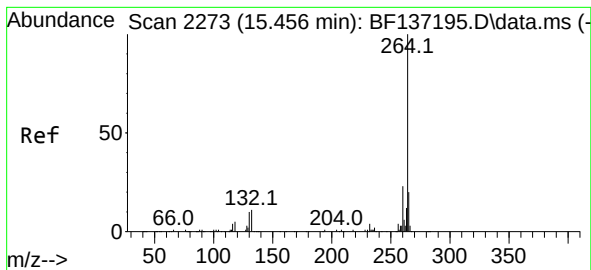
Ion Ratio Lower Upper

244 100

212 7.5 5.5 8.3

122 7.1 6.2 9.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137278.D

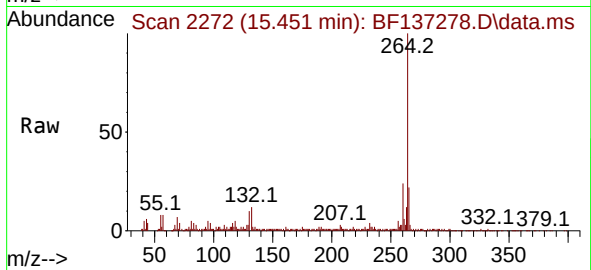
Acq: 05 Feb 2024 15:07

Instrument :

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Tgt Ion:264 Resp: 80914

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 21.7 16.2 24.2

