

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137331.D
 Acq On : 07 Feb 2024 20:33
 Operator : CG\JU
 Sample : P1365-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-20240201

Quant Time: Feb 08 01:10:26 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	6.787	152	48766	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	182952	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	92189	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	148091	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	131903	20.000	ng	-0.01
86) Perylene-d12	15.445	264	120337	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	212792	72.002	ng	0.00
7) Phenol-d6	6.416	99	157179	37.267	ng	-0.01
23) Nitrobenzene-d5	7.351	82	400796	98.082	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	133293	128.026	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	661893	98.698	ng	0.00
79) Terphenyl-d14	12.910	244	629018	64.829	ng	-0.01

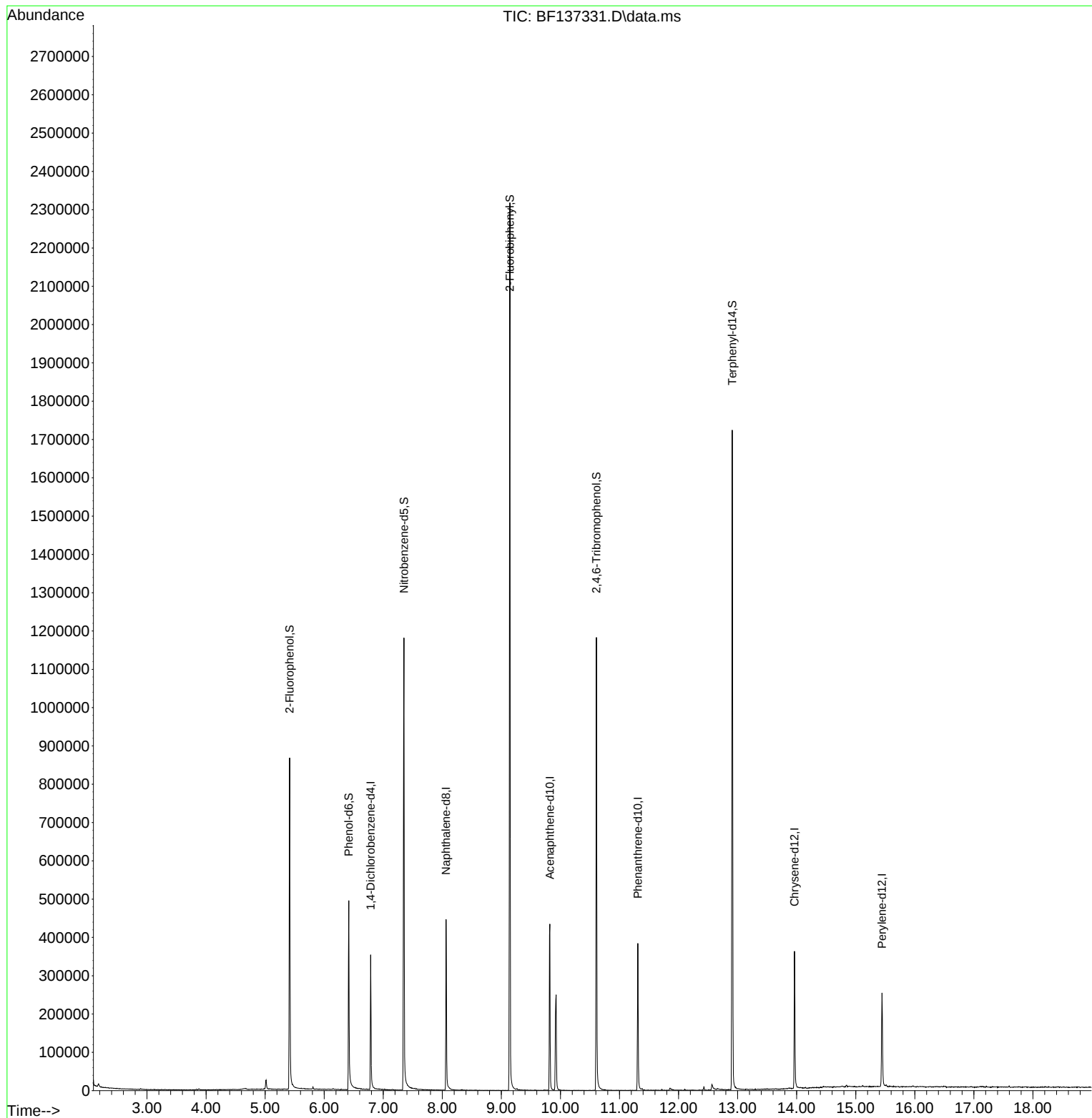
Target Compounds	Qvalue

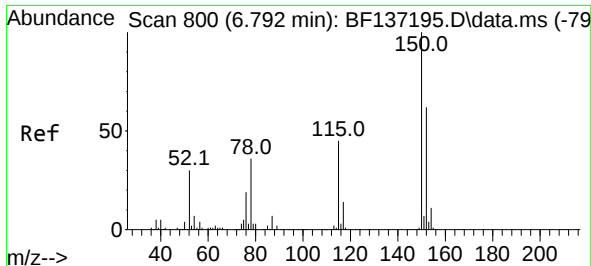
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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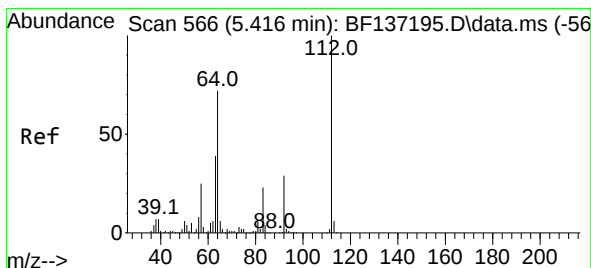
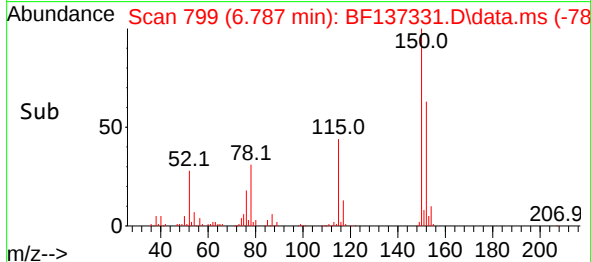
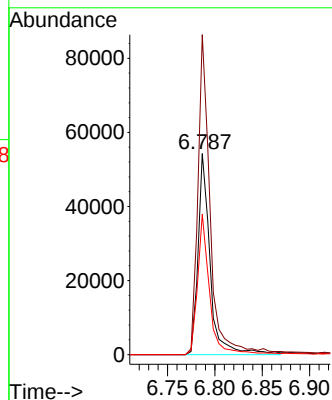
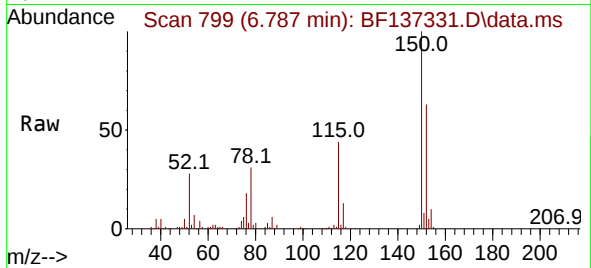




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 799
 Delta R.T. -0.005 min
 Lab File: BF137331.D
 Acq: 07 Feb 2024 20:33

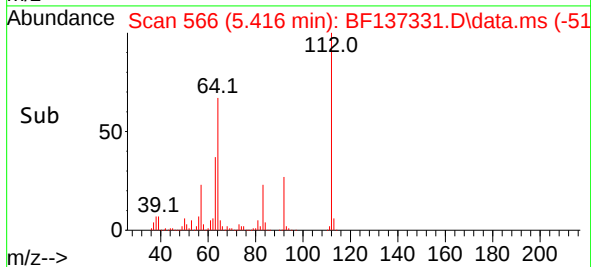
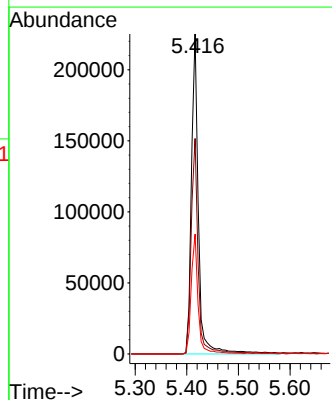
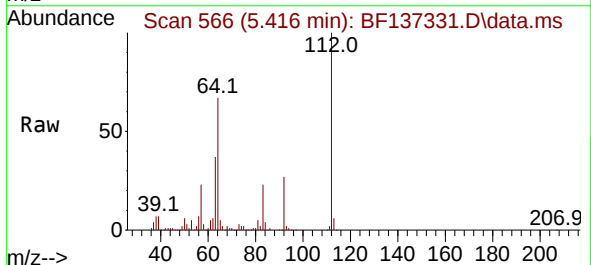
Instrument :
 BNA_F
 ClientSampleId :
 FB-20240201

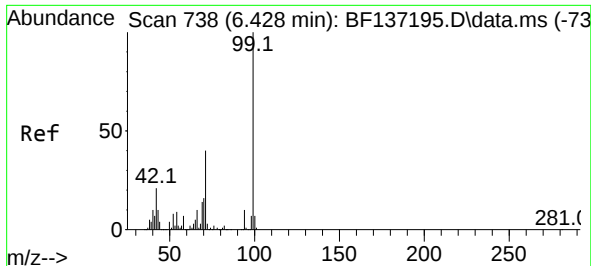
Tgt Ion:152 Resp: 48766
 Ion Ratio Lower Upper
 152 100
 150 159.1 129.8 194.8
 115 69.8 58.5 87.7



#5
 2-Fluorophenol
 Concen: 72.002 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: BF137331.D
 Acq: 07 Feb 2024 20:33

Tgt Ion:112 Resp: 212792
 Ion Ratio Lower Upper
 112 100
 64 67.4 57.8 86.6
 63 37.4 31.4 47.0

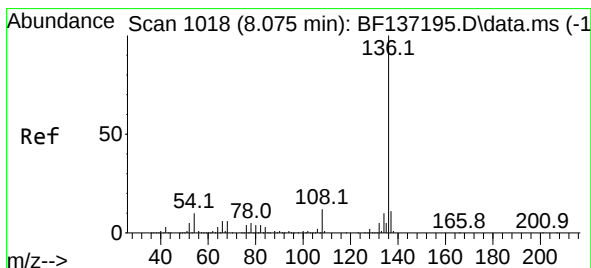
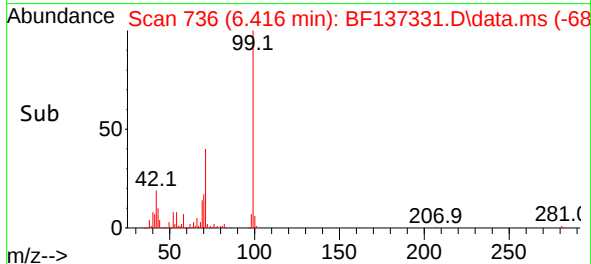
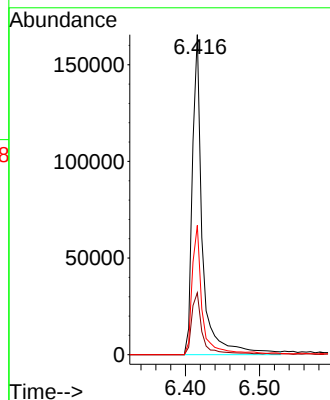
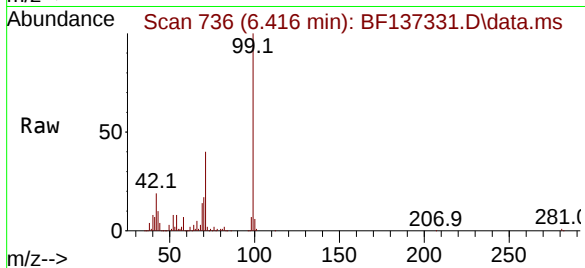




#7
Phenol-d6
Concen: 37.267 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137331.D
Acq: 07 Feb 2024 20:33

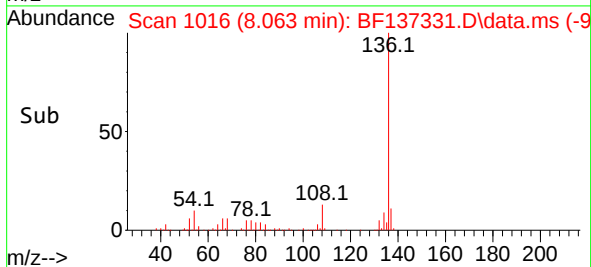
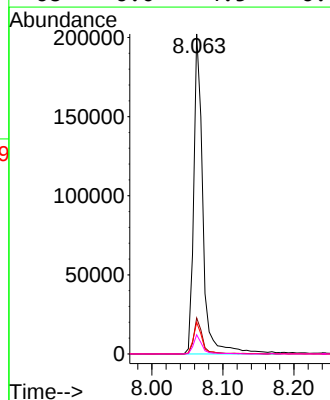
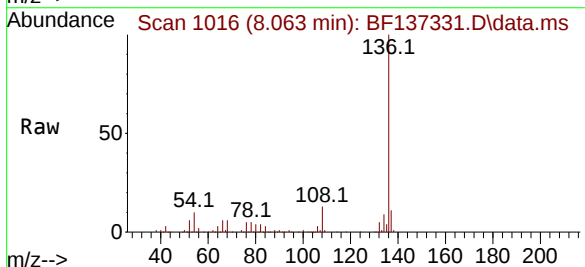
Instrument :
BNA_F
ClientSampleId :
FB-20240201

Tgt Ion: 99 Resp: 157179
Ion Ratio Lower Upper
99 100
42 19.4 16.4 24.6
71 40.4 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: BF137331.D
Acq: 07 Feb 2024 20:33

Tgt Ion: 136 Resp: 182952
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.9 7.8 11.8
68 6.0 4.5 6.7

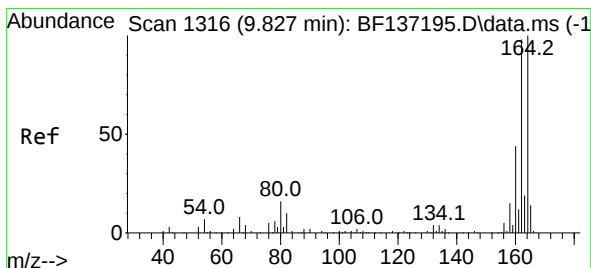
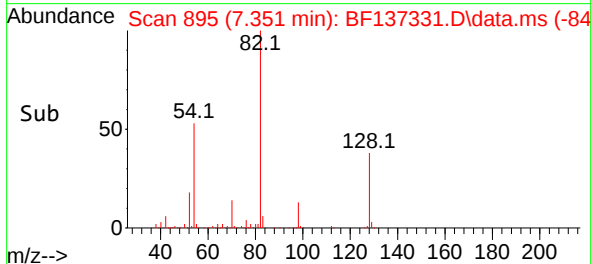
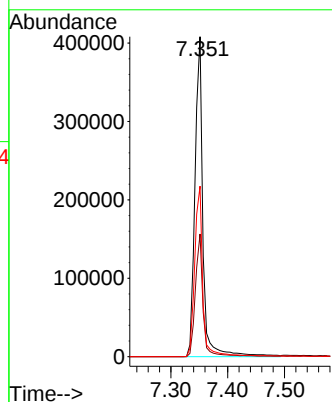
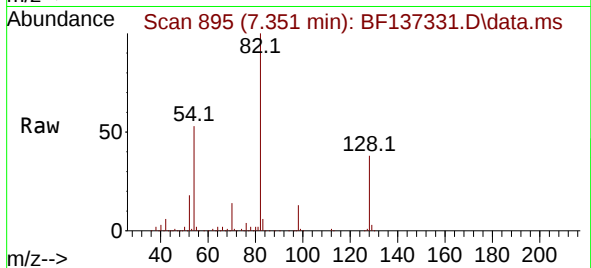




#23
Nitrobenzene-d5
Concen: 98.082 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137331.D
Acq: 07 Feb 2024 20:33

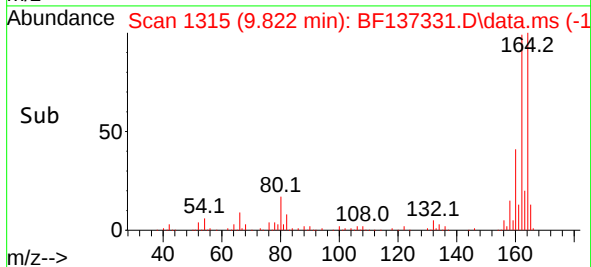
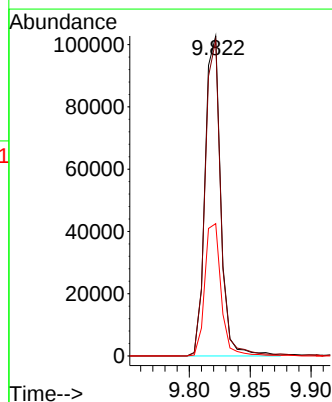
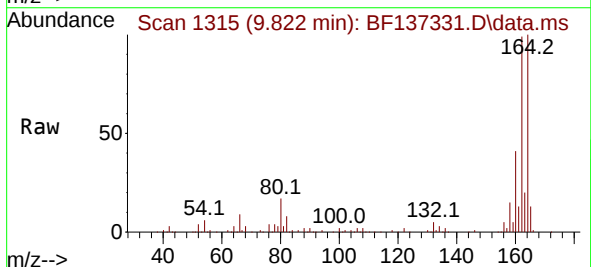
Instrument :
BNA_F
ClientSampleId :
FB-20240201

Tgt Ion: 82 Resp: 400796
Ion Ratio Lower Upper
82 100
128 38.4 29.1 43.7
54 53.3 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137331.D
Acq: 07 Feb 2024 20:33

Tgt Ion: 164 Resp: 92189
Ion Ratio Lower Upper
164 100
162 98.7 78.3 117.5
160 41.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 128.026 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF137331.D

Acq: 07 Feb 2024 20:33

Instrument :

BNA_F

ClientSampleId :

FB-20240201

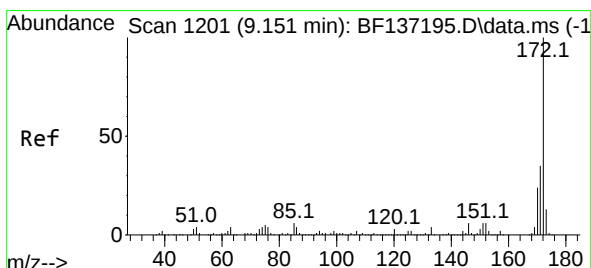
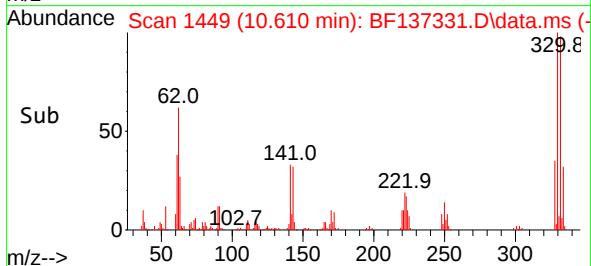
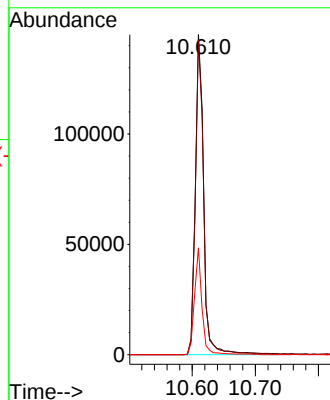
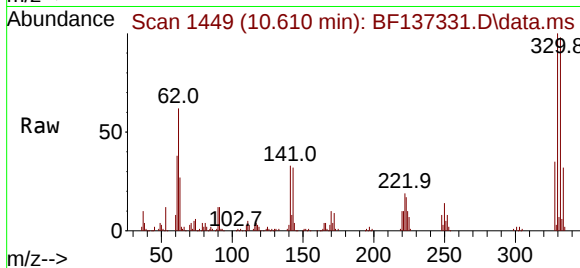
Tgt Ion:330 Resp: 133293

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 30.3 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 98.698 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137331.D

Acq: 07 Feb 2024 20:33

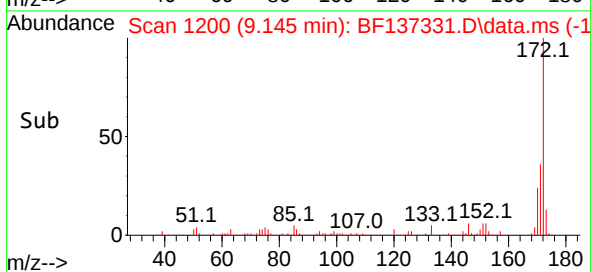
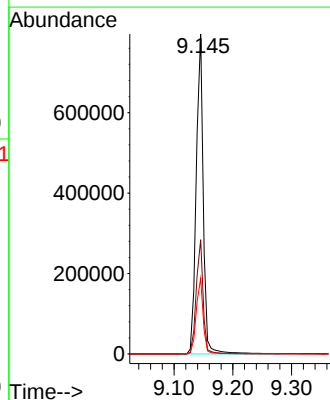
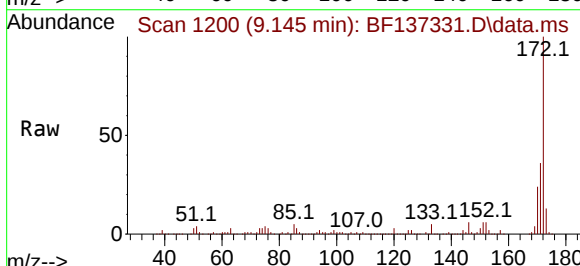
Tgt Ion:172 Resp: 661893

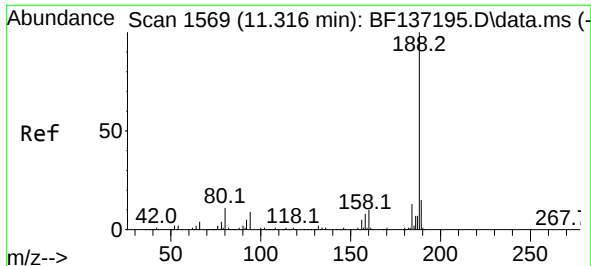
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 19.1 28.7

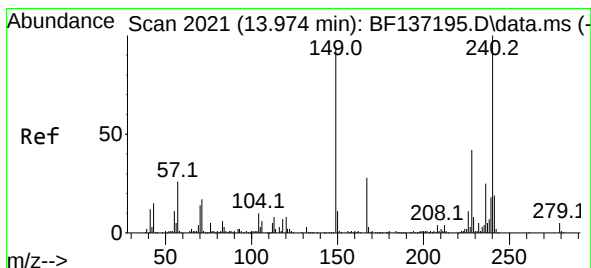
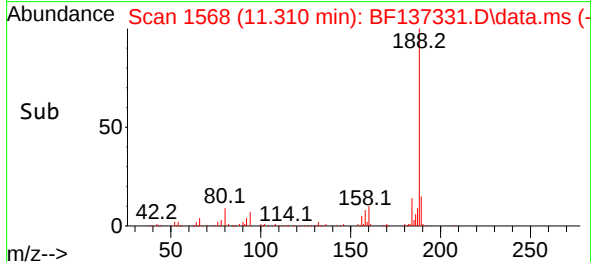
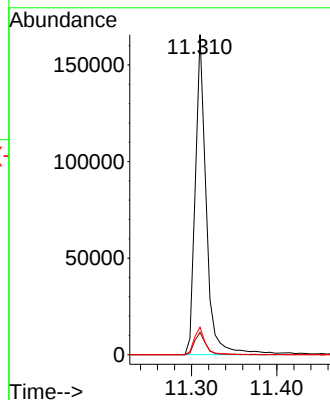
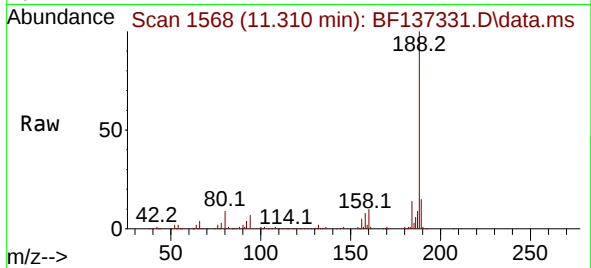




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137331.D
Acq: 07 Feb 2024 20:33

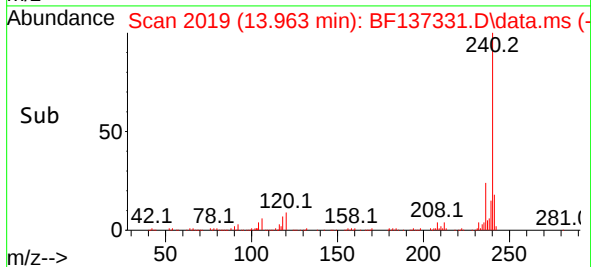
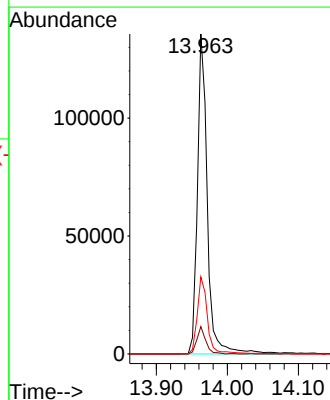
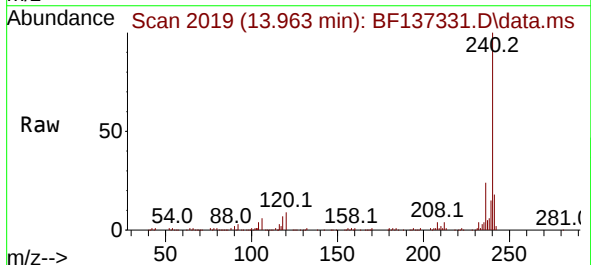
Instrument :
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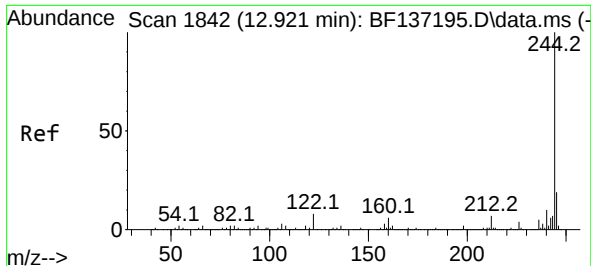
Tgt Ion:188 Resp: 148091
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.4#
80 8.6 8.8 13.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137331.D
Acq: 07 Feb 2024 20:33

Tgt Ion:240 Resp: 131903
Ion Ratio Lower Upper
240 100
120 8.6 6.3 9.5
236 24.1 20.3 30.5

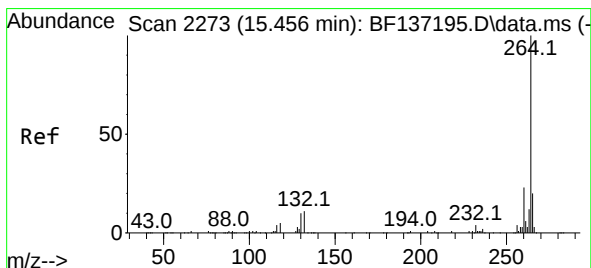
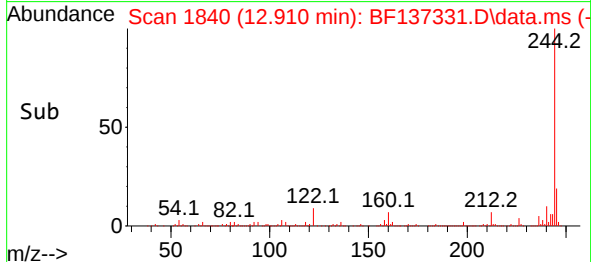
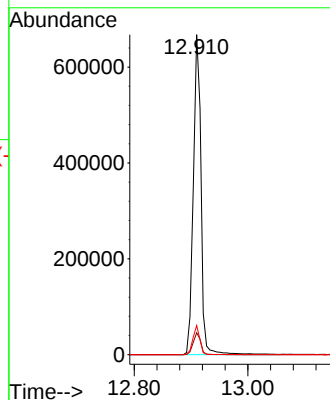
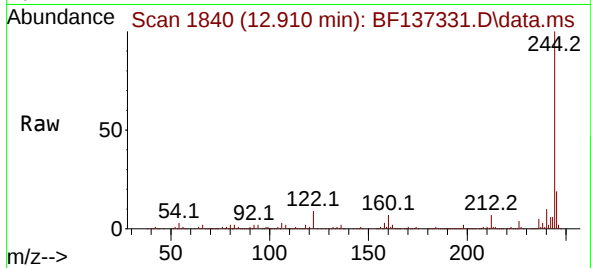




#79
 Terphenyl-d14
 Concen: 64.829 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF137331.D
 Acq: 07 Feb 2024 20:33

Instrument :
 BNA_F
 ClientSampleId :
 FB-20240201

Tgt Ion:244 Resp: 629018
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 9.1 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: BF137331.D
 Acq: 07 Feb 2024 20:33

Tgt Ion:264 Resp: 120337
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.2 27.4
 265 21.1 16.2 24.2

