

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137298.D
 Acq On : 06 Feb 2024 18:22
 Operator : CG\JU
 Sample : P1318-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-11-GRID-2

Quant Time: Feb 07 00:58:11 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	57465	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	221807	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	133689	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	250356	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	161167	20.000	ng	0.00
86) Perylene-d12	15.451	264	137052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	430480	123.610	ng	0.02
7) Phenol-d6	6.428	99	516054	103.835	ng	0.00
23) Nitrobenzene-d5	7.351	82	417277	84.227	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	205813	136.316	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	781893	80.399	ng	0.00
79) Terphenyl-d14	12.916	244	1041618	87.861	ng	0.00

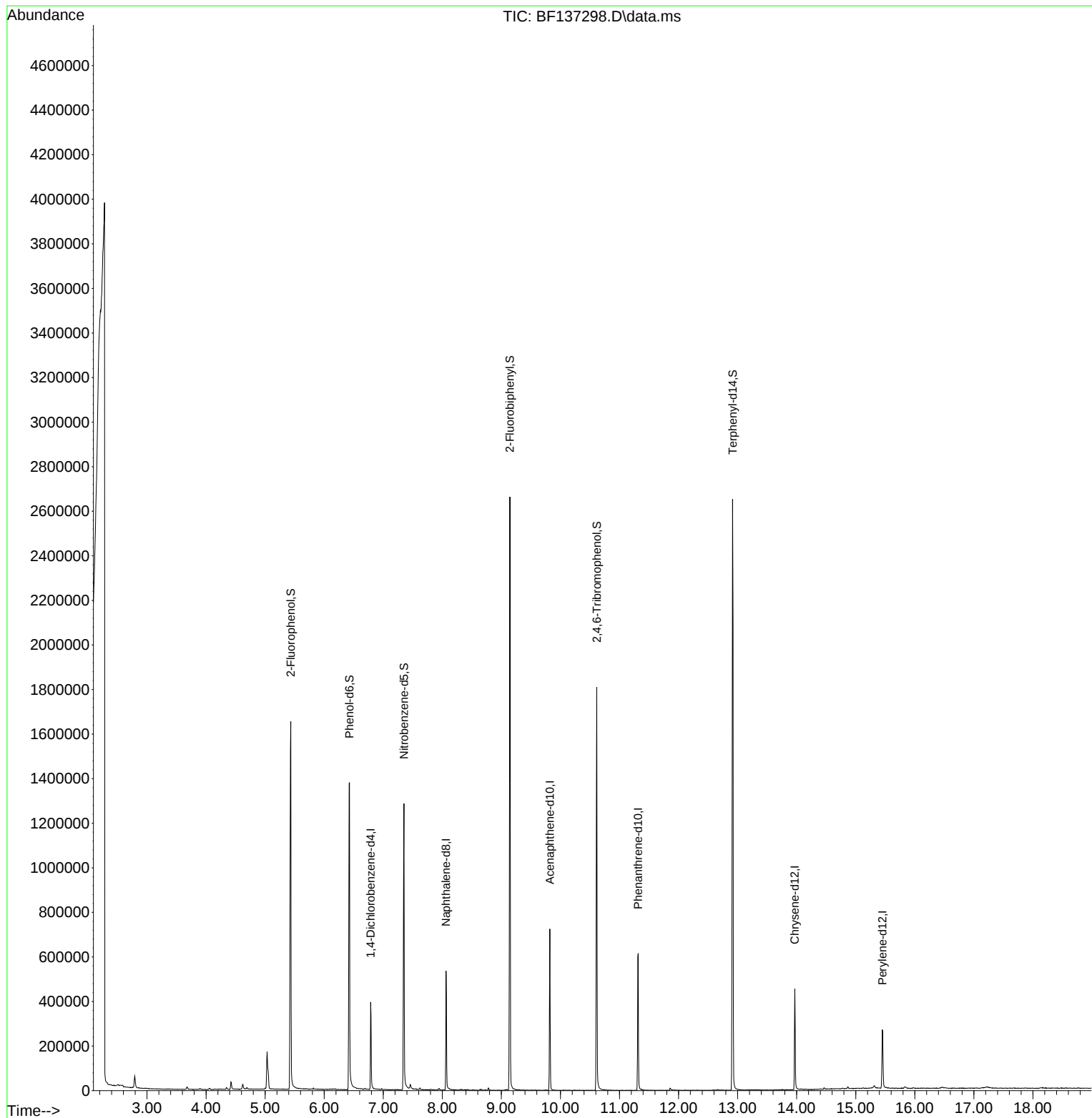
Target Compounds	Qvalue

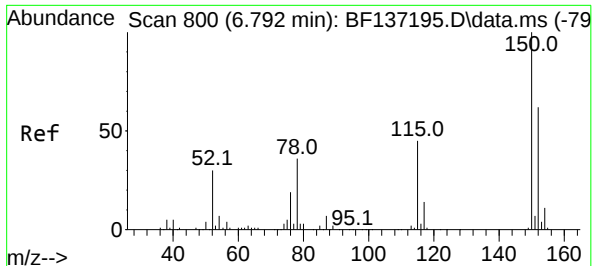
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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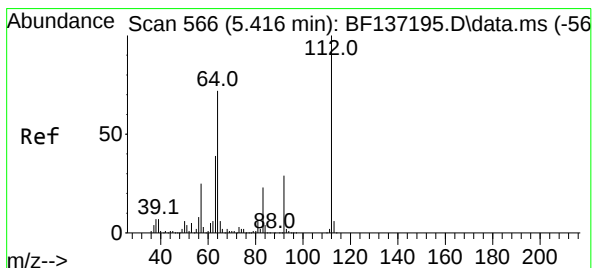
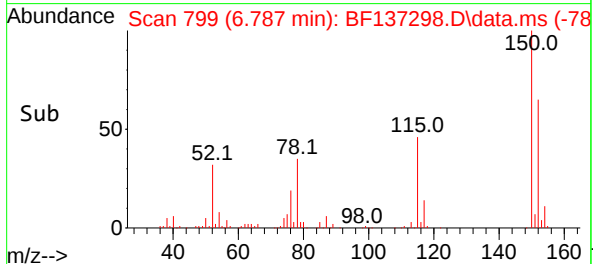
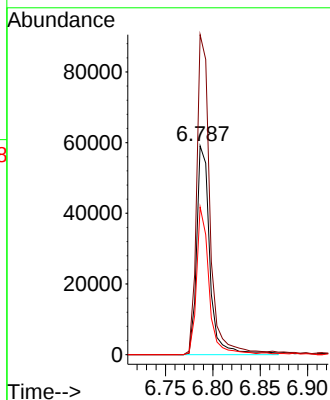
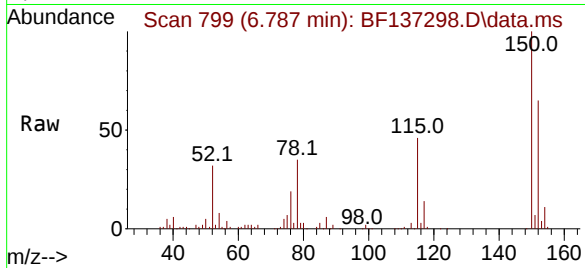




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137298.D
Acq: 06 Feb 2024 18:22

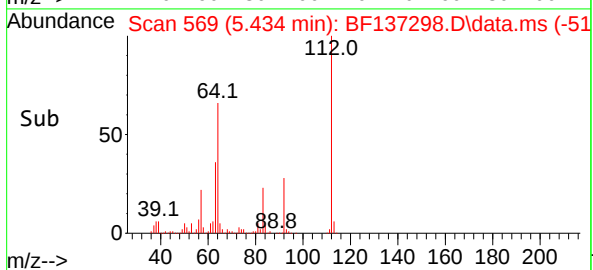
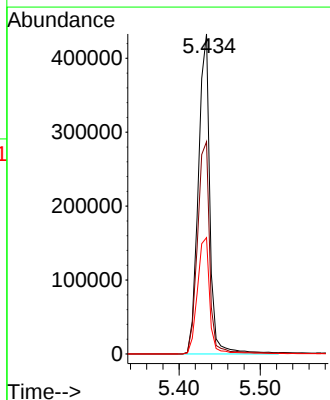
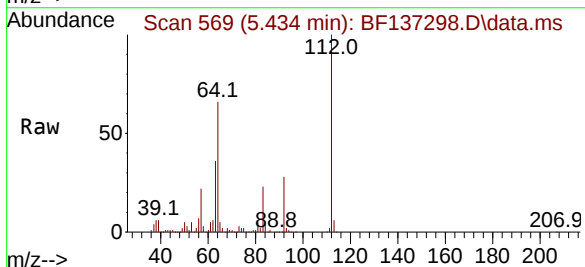
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-2

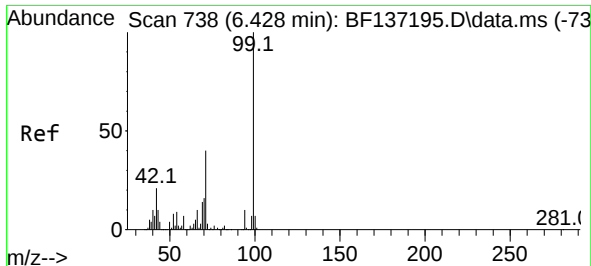
Tgt Ion:152 Resp: 57465
Ion Ratio Lower Upper
152 100
150 153.2 129.8 194.8
115 70.7 58.5 87.7



#5
2-Fluorophenol
Concen: 123.610 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137298.D
Acq: 06 Feb 2024 18:22

Tgt Ion:112 Resp: 430480
Ion Ratio Lower Upper
112 100
64 66.3 57.8 86.6
63 36.3 31.4 47.0

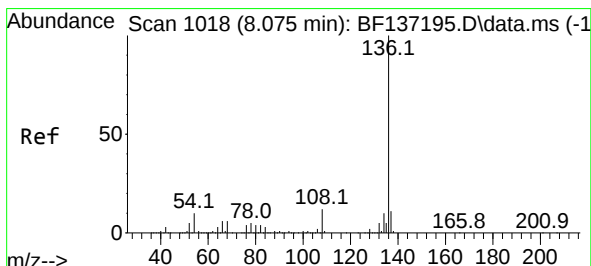
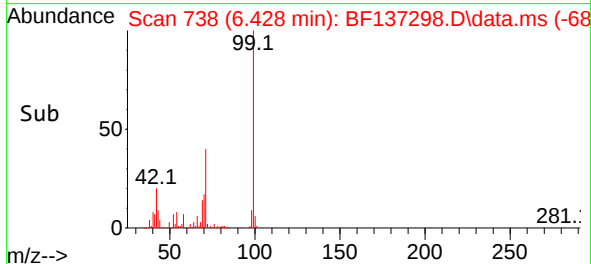
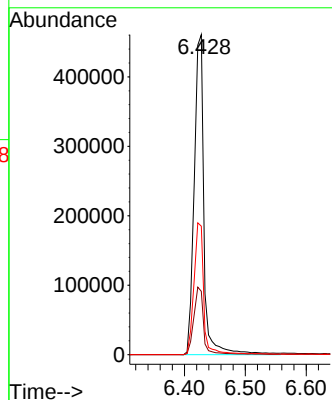
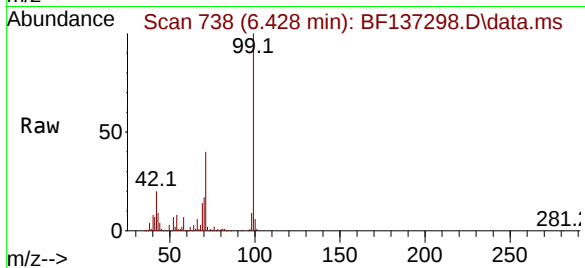




#7
Phenol-d6
Concen: 103.835 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137298.D
Acq: 06 Feb 2024 18:22

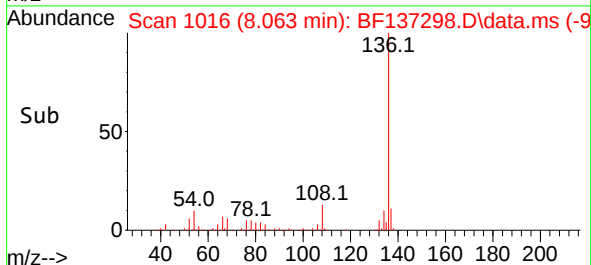
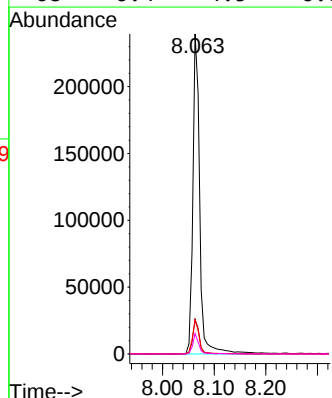
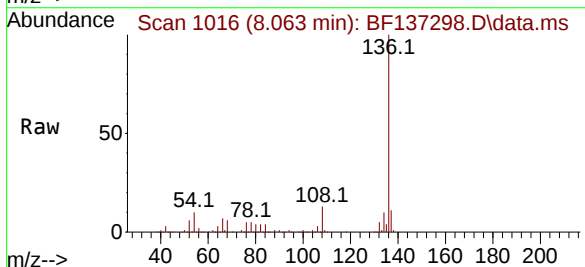
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-2

Tgt Ion: 99 Resp: 516054
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 40.1 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: BF137298.D
Acq: 06 Feb 2024 18:22

Tgt Ion: 136 Resp: 221807
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.5 7.8 11.8
68 6.4 4.5 6.7

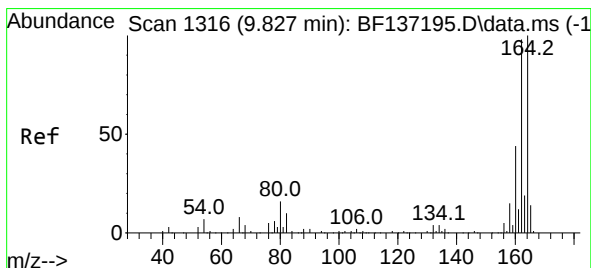
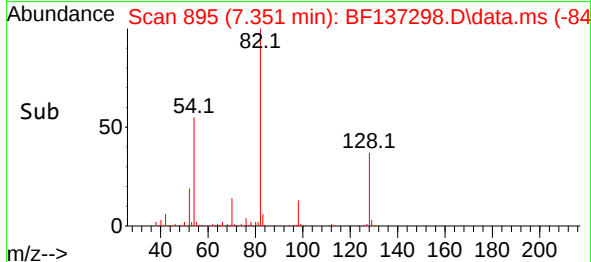
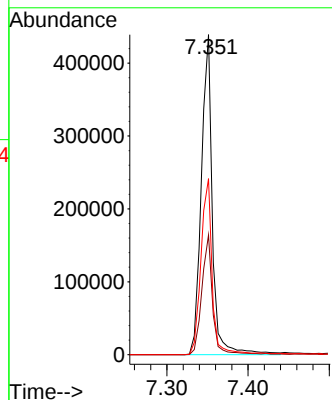
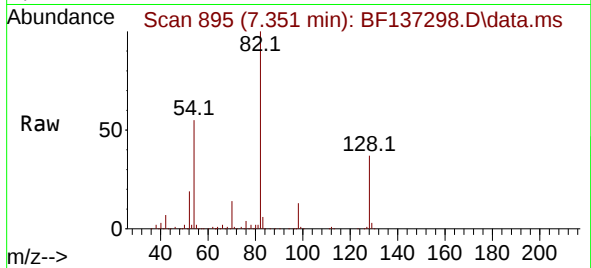




#23
Nitrobenzene-d5
Concen: 84.227 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137298.D
Acq: 06 Feb 2024 18:22

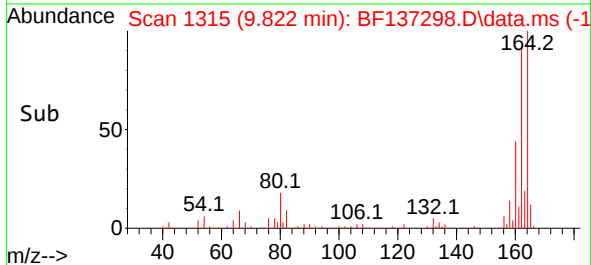
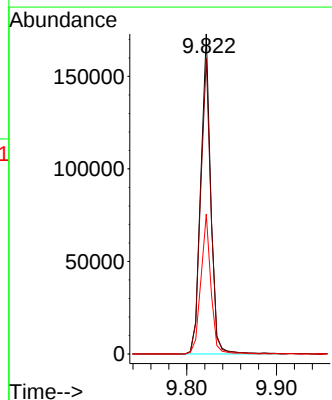
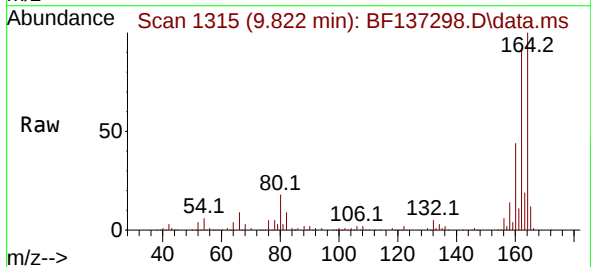
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-2

Tgt Ion: 82 Resp: 417277
Ion Ratio Lower Upper
82 100
128 37.4 29.1 43.7
54 55.0 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: BF137298.D
Acq: 06 Feb 2024 18:22

Tgt Ion:164 Resp: 133689
Ion Ratio Lower Upper
164 100
162 92.5 78.3 117.5
160 43.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 136.316 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137298.D

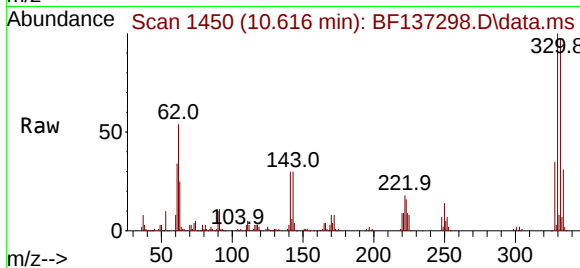
Acq: 06 Feb 2024 18:22

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-2



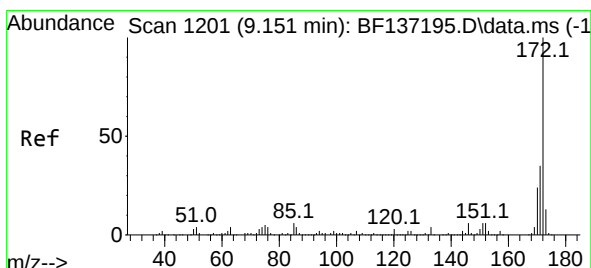
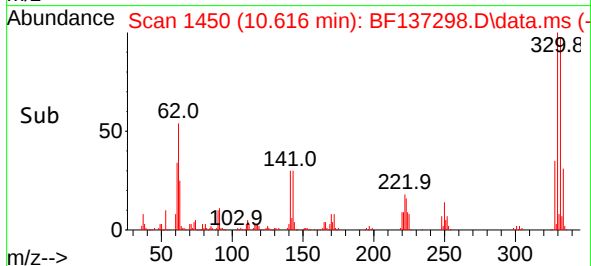
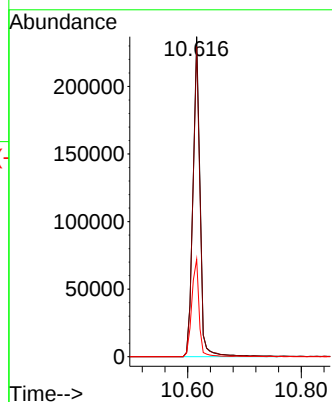
Tgt Ion:330 Resp: 205813

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 31.3 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 80.399 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137298.D

Acq: 06 Feb 2024 18:22

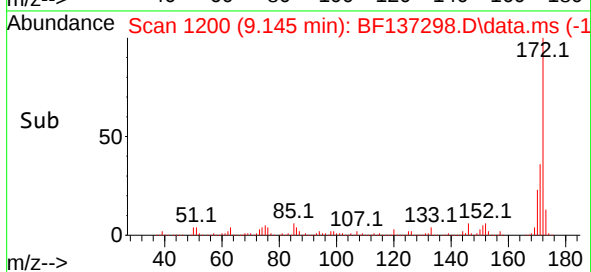
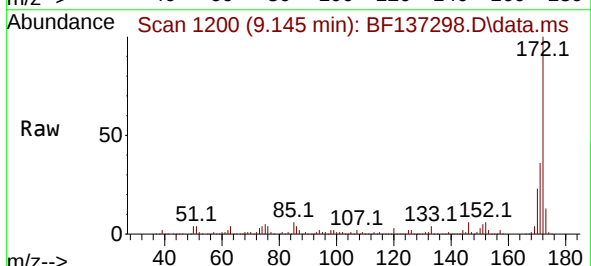
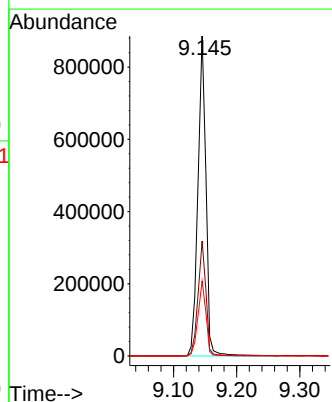
Tgt Ion:172 Resp: 781893

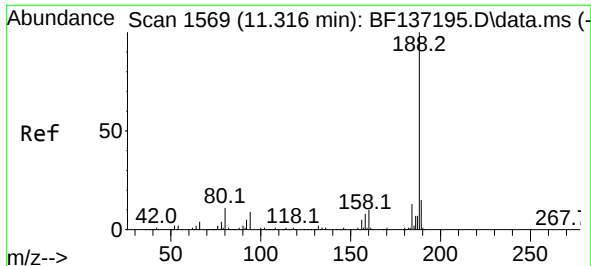
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.4 19.1 28.7

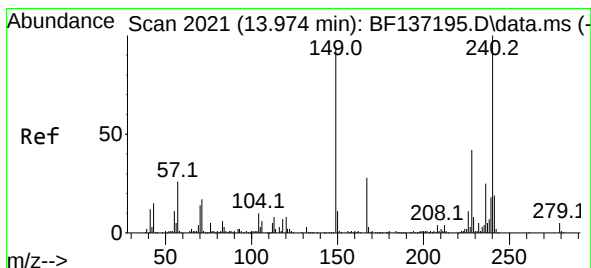
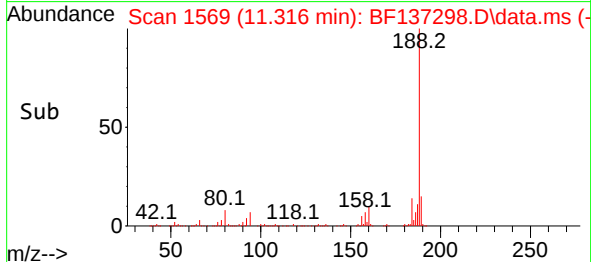
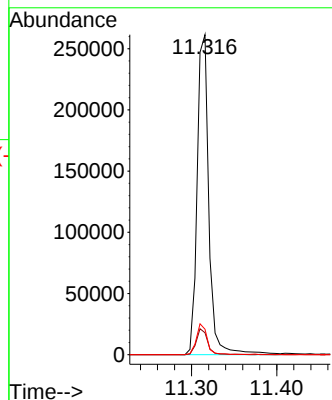
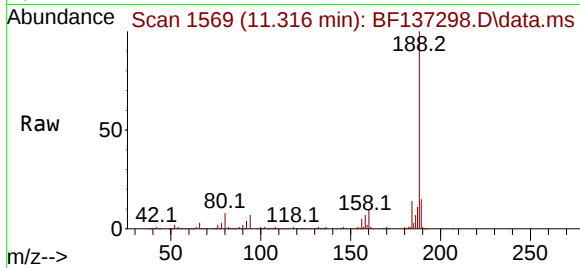




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137298.D
Acq: 06 Feb 2024 18:22

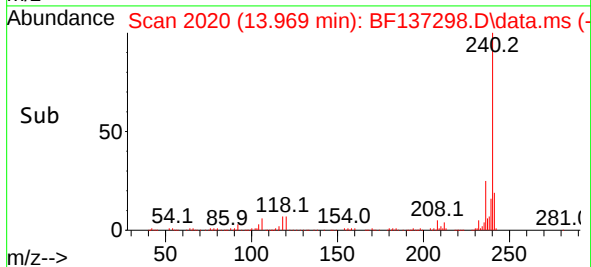
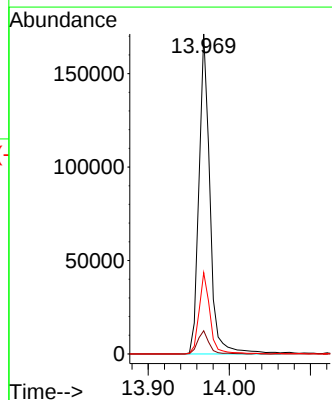
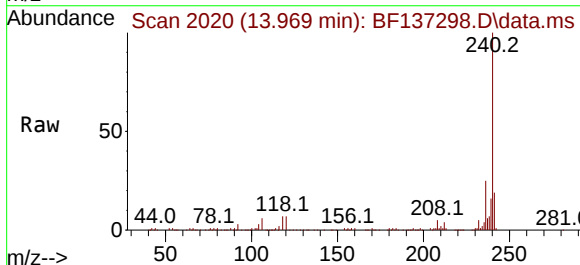
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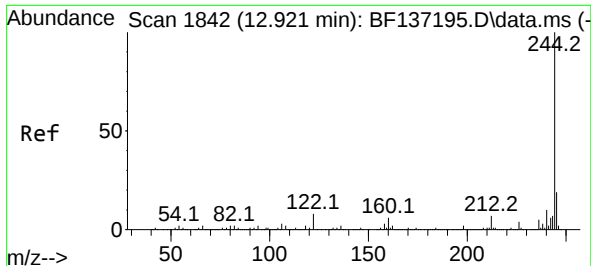
Tgt Ion:188 Resp: 250356
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.4#
80 7.9 8.8 13.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137298.D
Acq: 06 Feb 2024 18:22

Tgt Ion:240 Resp: 161167
Ion Ratio Lower Upper
240 100
120 7.3 6.3 9.5
236 25.4 20.3 30.5

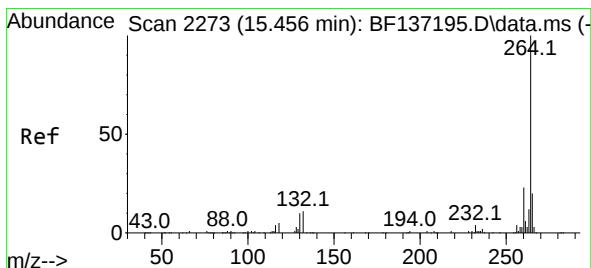
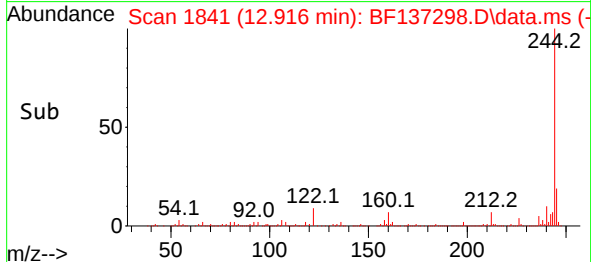
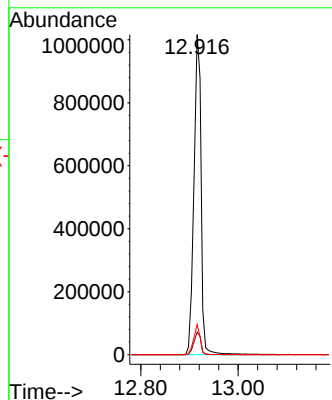
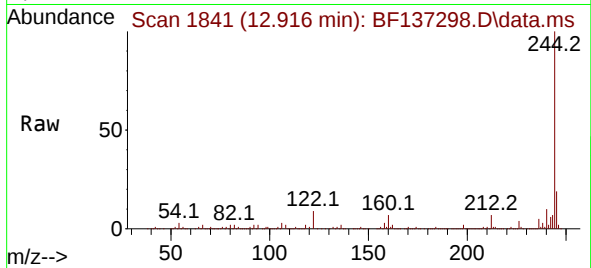




#79
 Terphenyl-d14
 Concen: 87.861 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137298.D
 Acq: 06 Feb 2024 18:22

Instrument :
 BNA_F
 ClientSampleId :
 CO-11-GRID-2

Tgt Ion:244 Resp: 1041618
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 9.4 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF137298.D
 Acq: 06 Feb 2024 18:22

Tgt Ion:264 Resp: 137052
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.4
 265 21.6 16.2 24.2

