

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137295.D
 Acq On : 06 Feb 2024 16:54
 Operator : CG\JU
 Sample : P1318-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-11-GRID-1

Quant Time: Feb 06 17:24:00 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	56781	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	214320	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	127707	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	230729	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	146657	20.000	ng	0.00
86) Perylene-d12	15.457	264	127061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	447822	130.139	ng	0.02
7) Phenol-d6	6.428	99	536821	109.314	ng	0.00
23) Nitrobenzene-d5	7.351	82	433907	90.644	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	199679	138.448	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	807521	86.924	ng	0.00
79) Terphenyl-d14	12.916	244	931039	86.303	ng	0.00

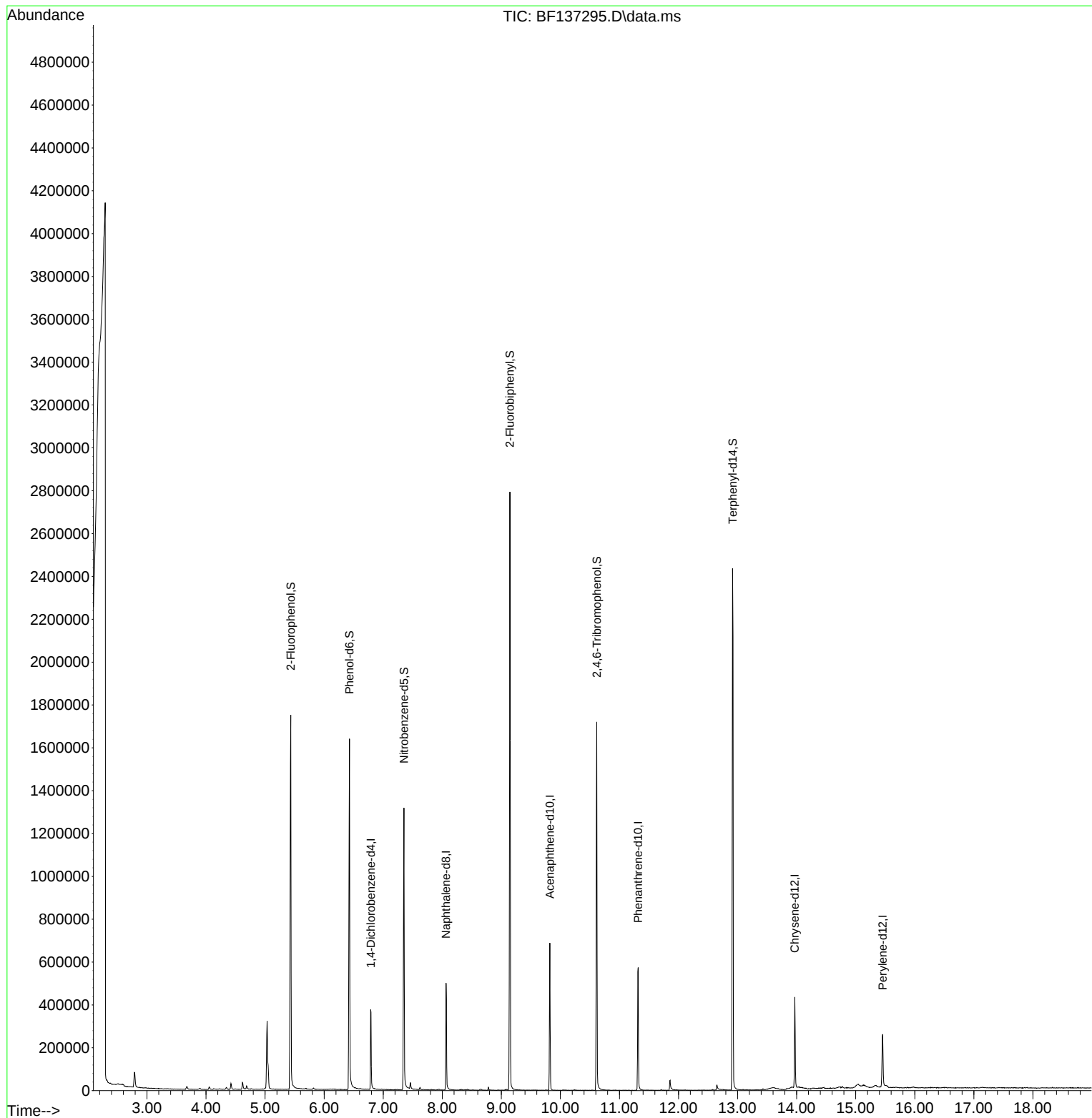
Target Compounds	Qvalue

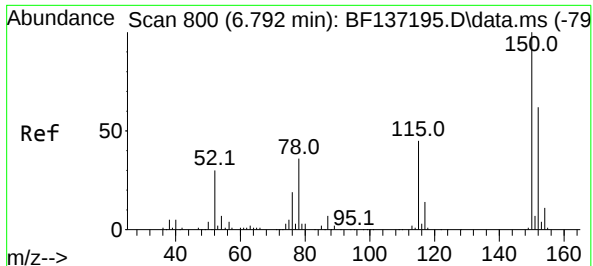
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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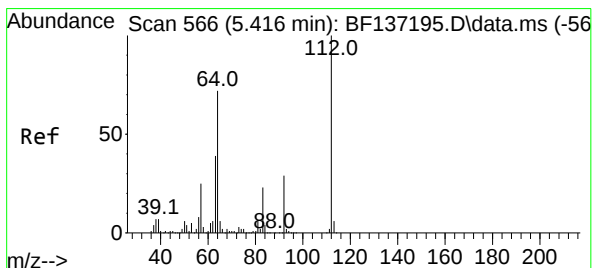
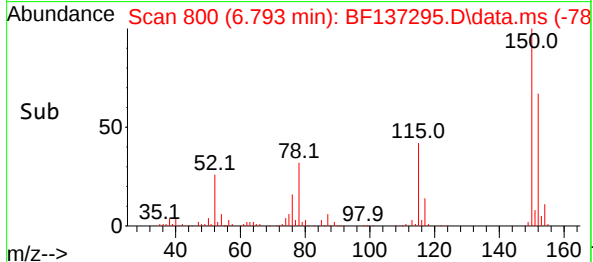
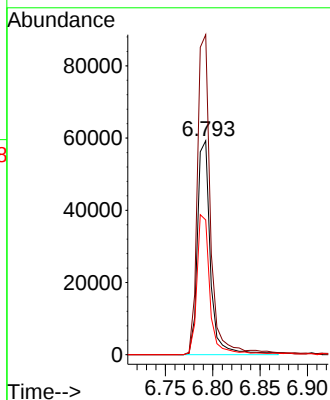
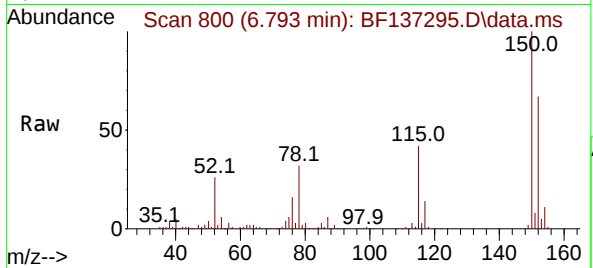




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

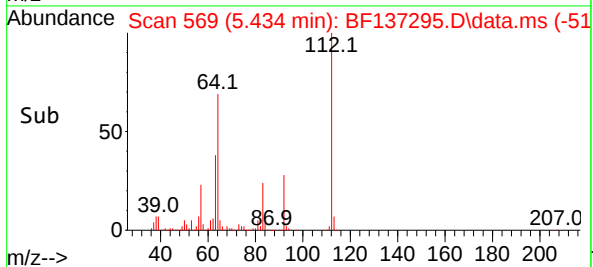
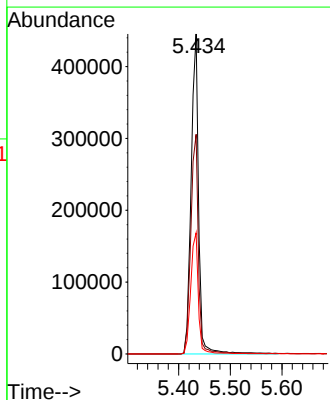
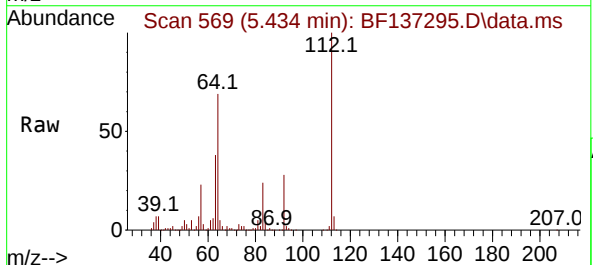
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1

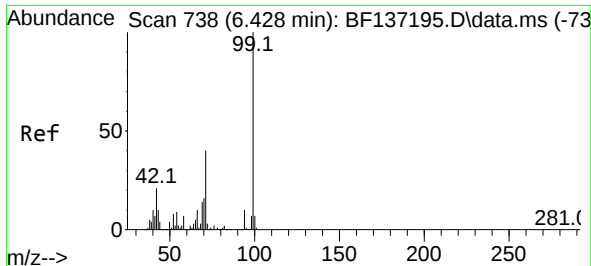
Tgt Ion:152 Resp: 56781
Ion Ratio Lower Upper
152 100
150 149.6 129.8 194.8
115 63.0 58.5 87.7



#5
2-Fluorophenol
Concen: 130.139 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

Tgt Ion:112 Resp: 447822
Ion Ratio Lower Upper
112 100
64 68.6 57.8 86.6
63 37.8 31.4 47.0

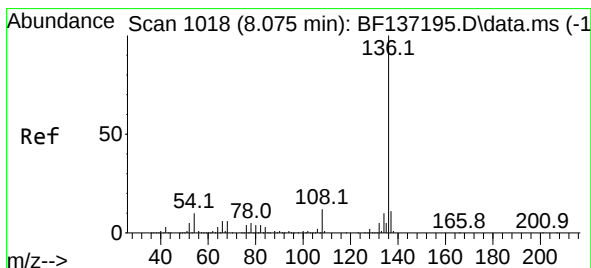
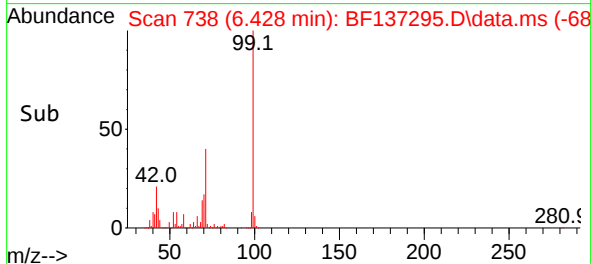
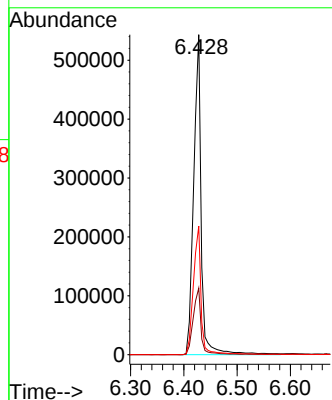
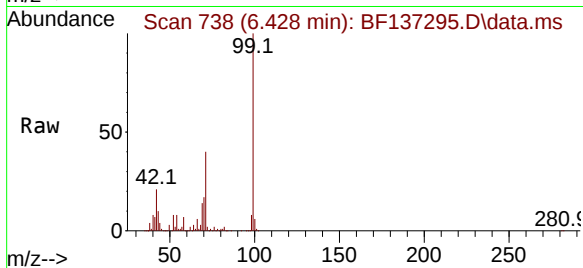




#7
Phenol-d6
Concen: 109.314 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

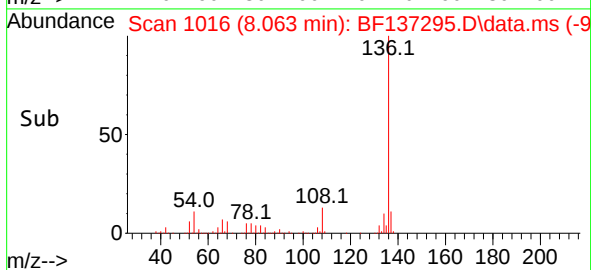
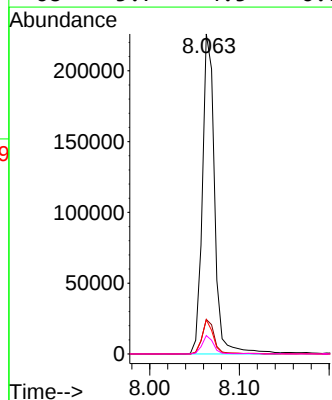
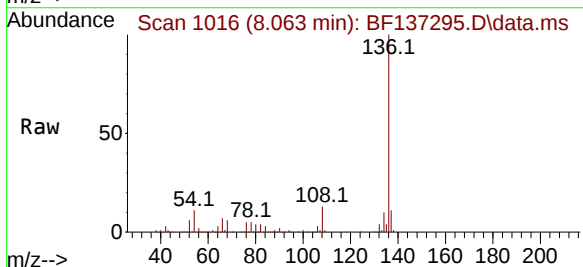
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1

Tgt Ion: 99 Resp: 536821
Ion Ratio Lower Upper
99 100
42 20.8 16.4 24.6
71 40.2 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: BF137295.D
Acq: 06 Feb 2024 16:54

Tgt Ion: 136 Resp: 214320
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.7 7.8 11.8
68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 90.644 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137295.D

Acq: 06 Feb 2024 16:54

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1

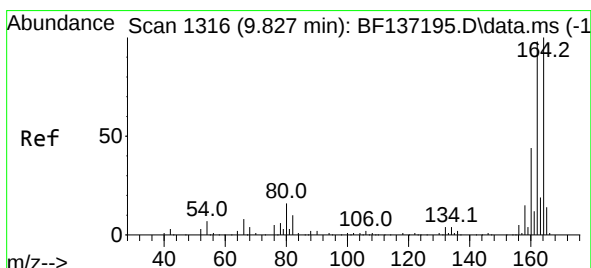
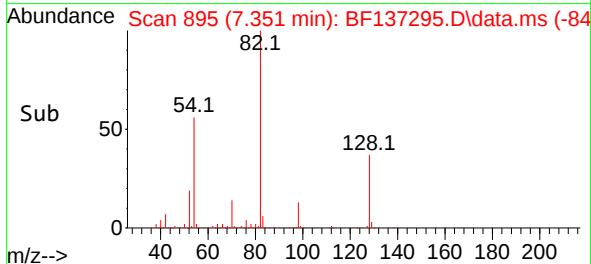
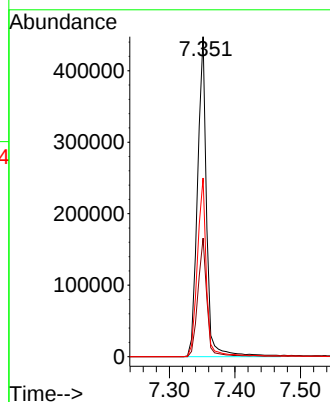
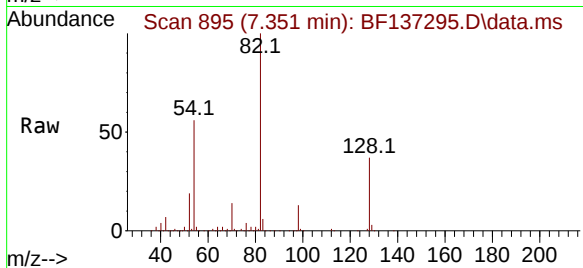
Tgt Ion: 82 Resp: 433907

Ion Ratio Lower Upper

82 100

128 37.0 29.1 43.7

54 55.9 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: BF137295.D

Acq: 06 Feb 2024 16:54

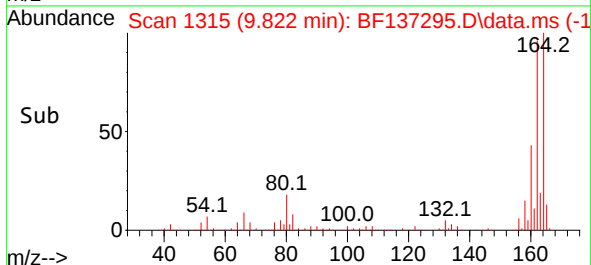
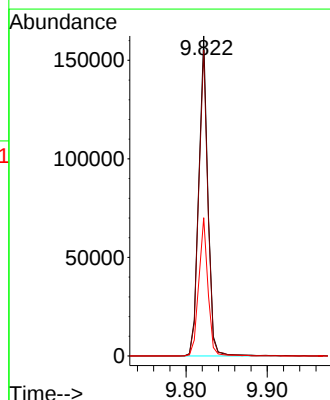
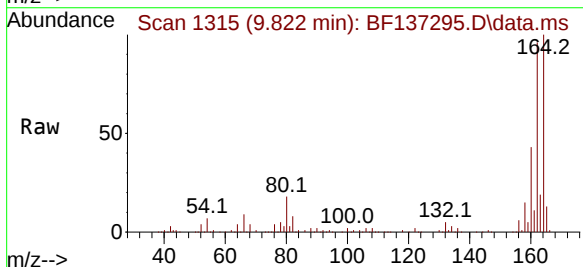
Tgt Ion:164 Resp: 127707

Ion Ratio Lower Upper

164 100

162 95.6 78.3 117.5

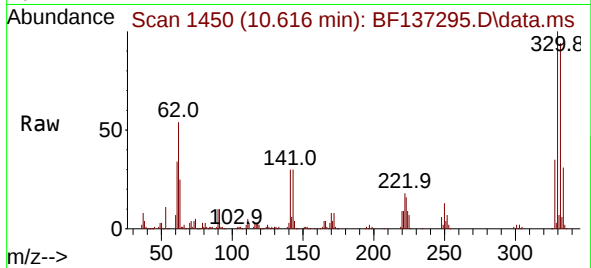
160 43.2 35.4 53.2



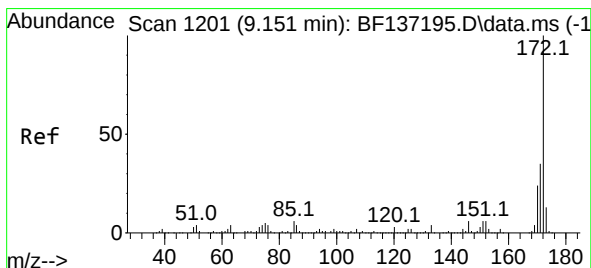
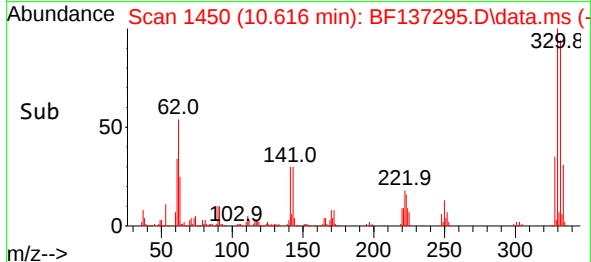
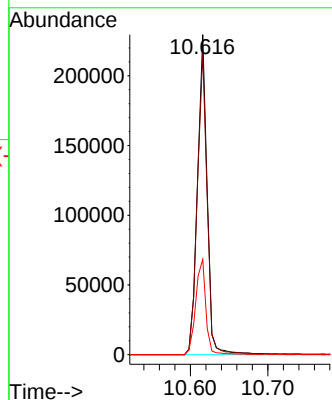


#42
2,4,6-Tribromophenol
Concen: 138.448 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1

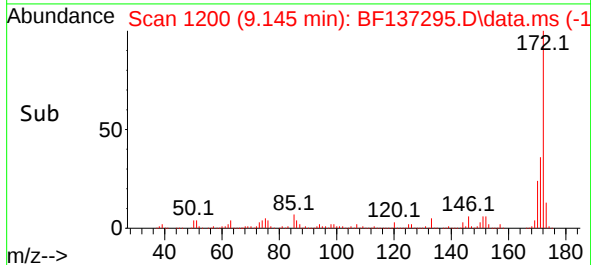
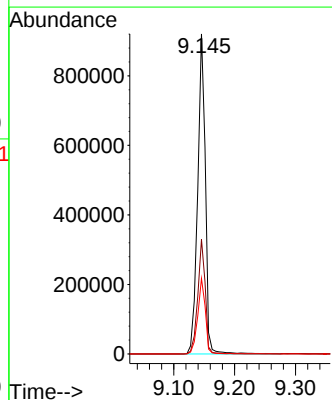
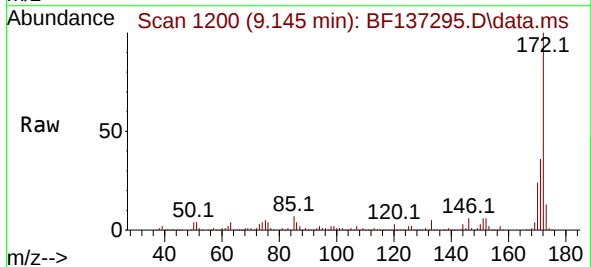


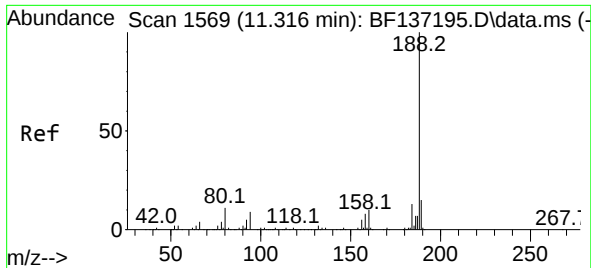
Tgt Ion:330 Resp: 199679
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 31.4 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 86.924 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

Tgt Ion:172 Resp: 807521
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.6 19.1 28.7

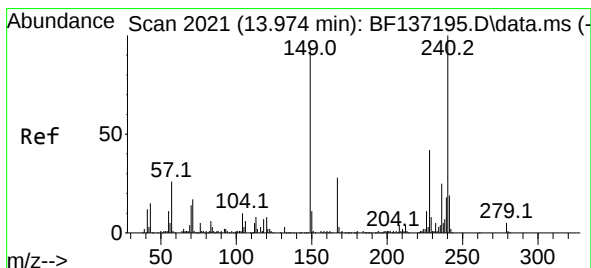
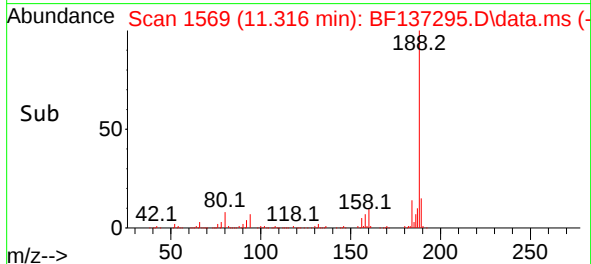
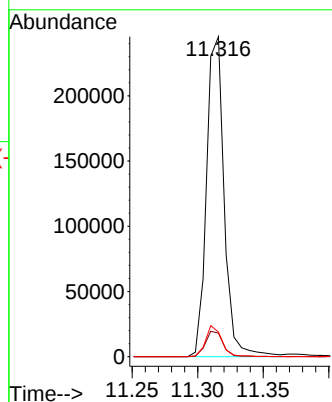
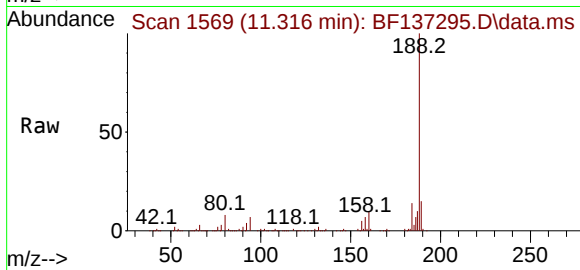




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

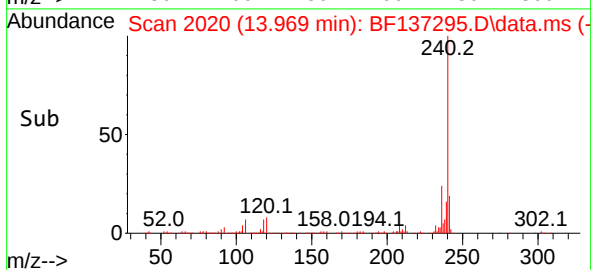
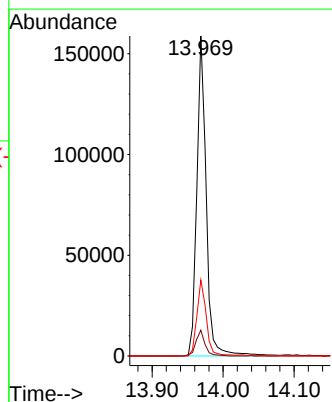
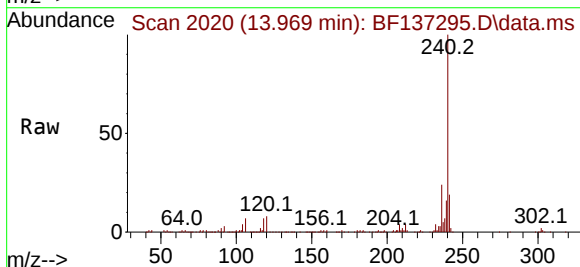
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1

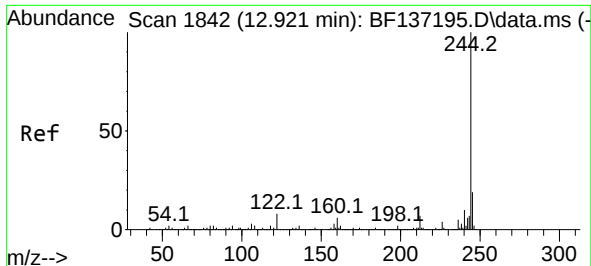
Tgt Ion:188 Resp: 230729
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.4
80 7.7 8.8 13.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

Tgt Ion:240 Resp: 146657
Ion Ratio Lower Upper
240 100
120 8.1 6.3 9.5
236 23.8 20.3 30.5

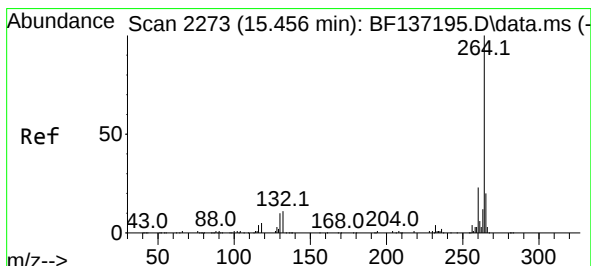
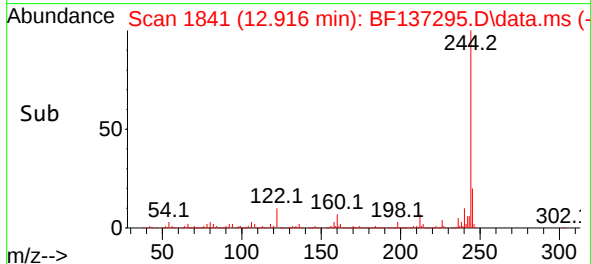
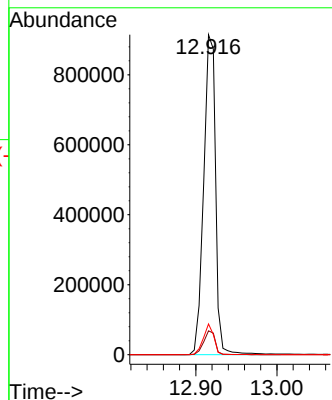
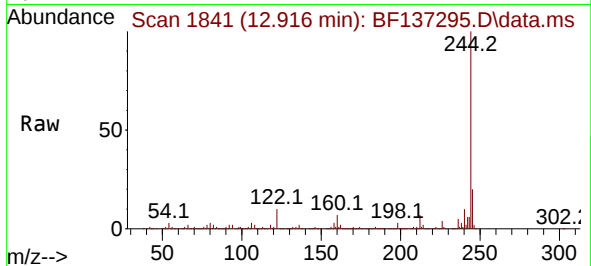




#79
 Terphenyl-d14
 Concen: 86.303 ng
 RT: 12.916 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137295.D
 Acq: 06 Feb 2024 16:54

Instrument :
 BNA_F
 ClientSampleId :
 CO-11-GRID-1

Tgt Ion:244 Resp: 931039
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 9.6 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF137295.D
 Acq: 06 Feb 2024 16:54

Tgt Ion:264 Resp: 127061
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.4
 265 20.2 16.2 24.2

