

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137242.D
 Acq On : 01 Feb 2024 20:24
 Operator : CG\JU
 Sample : P1307-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-614-COMP-01

Quant Time: Feb 02 01:17:12 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	6.792	152	47167	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	180519	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	91881	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	153675	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	147171	20.000	ng	-0.01
86) Perylene-d12	15.445	264	121576	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	428297	149.835	ng	0.02
7) Phenol-d6	6.428	99	506658	124.202	ng	0.00
23) Nitrobenzene-d5	7.351	82	385854	95.698	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	134753	129.862	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	648151	96.973	ng	0.00
79) Terphenyl-d14	12.915	244	740129	68.367	ng	0.00

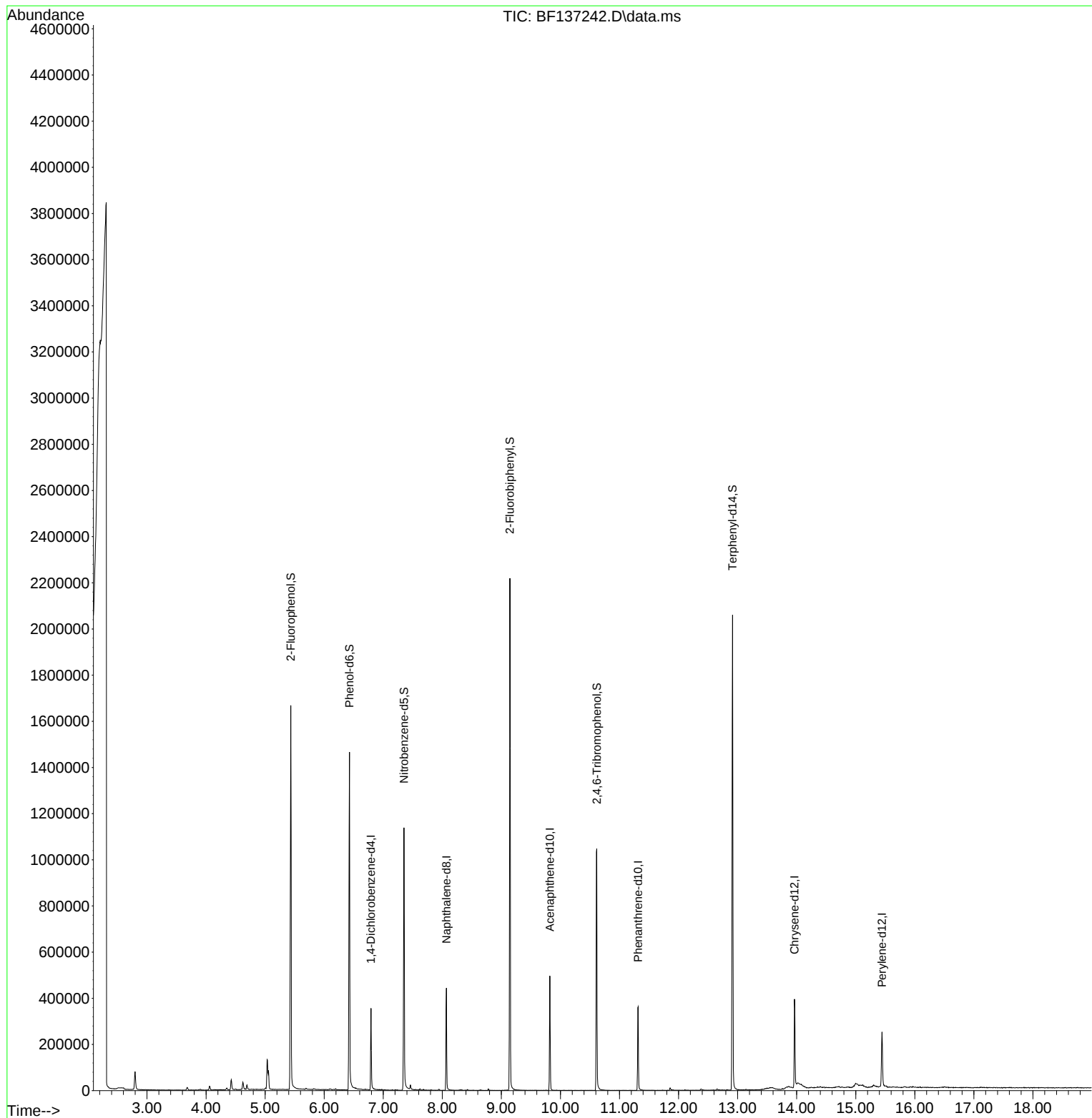
Target Compounds	Qvalue

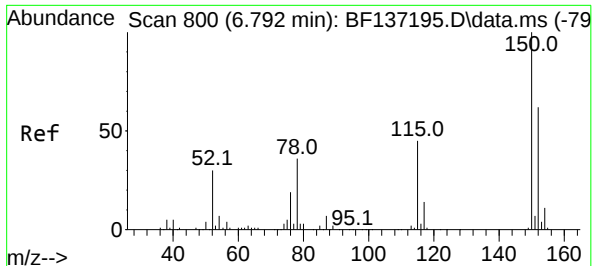
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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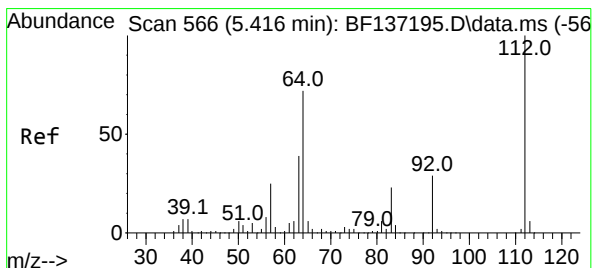
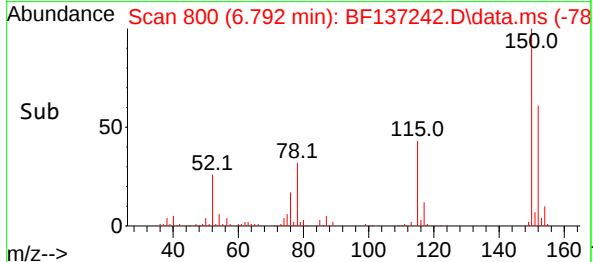
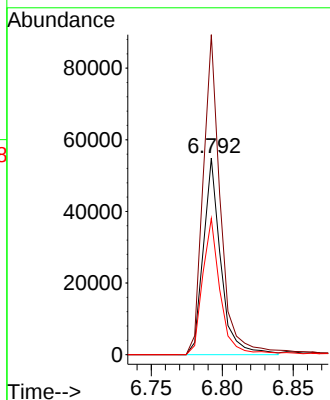
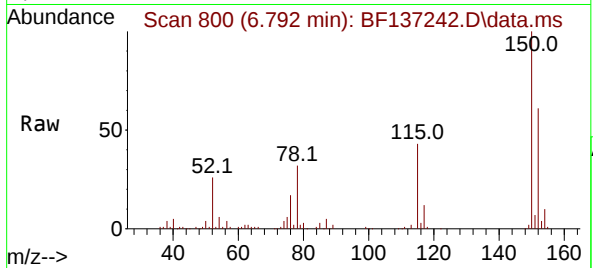




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

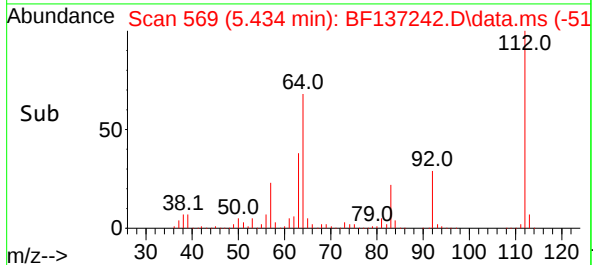
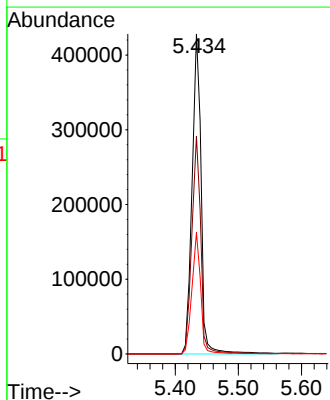
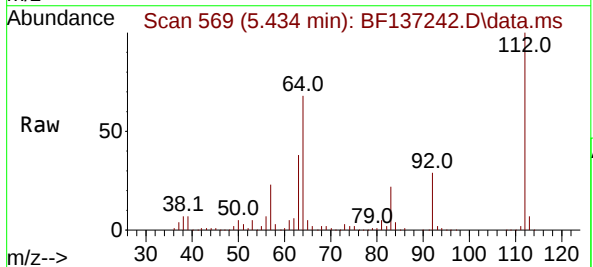
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-01

Tgt Ion:152 Resp: 47167
Ion Ratio Lower Upper
152 100
150 162.7 129.8 194.8
115 69.2 58.5 87.7



#5
2-Fluorophenol
Concen: 149.835 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

Tgt Ion:112 Resp: 428297
Ion Ratio Lower Upper
112 100
64 68.1 57.8 86.6
63 38.0 31.4 47.0

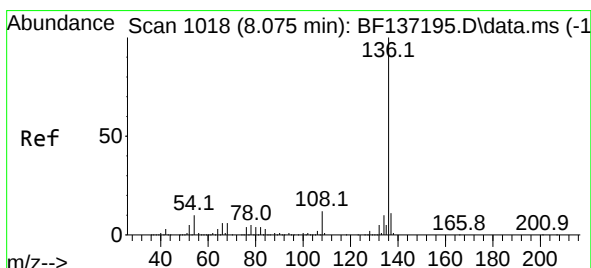
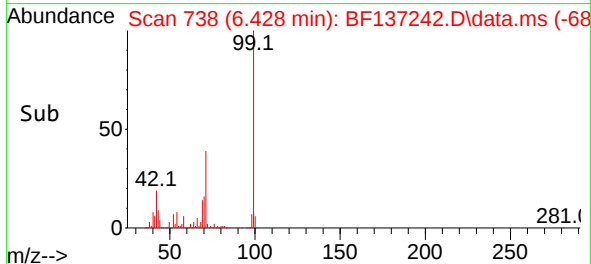
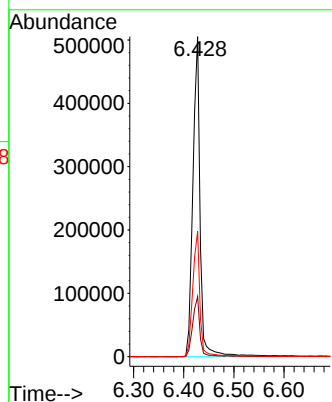
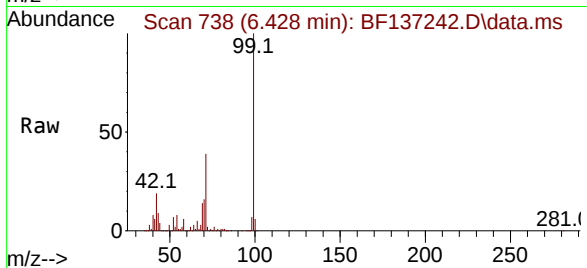




#7
Phenol-d6
Concen: 124.202 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

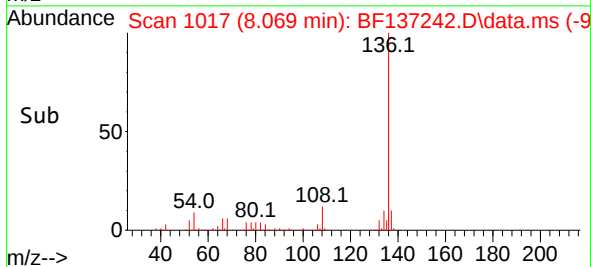
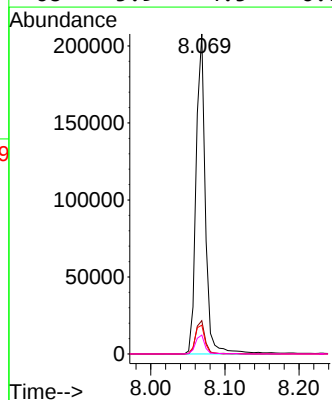
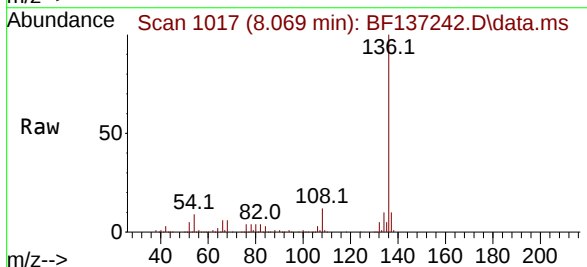
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-01

Tgt Ion: 99 Resp: 506658
Ion Ratio Lower Upper
99 100
42 18.8 16.4 24.6
71 39.2 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: BF137242.D
Acq: 01 Feb 2024 20:24

Tgt Ion: 136 Resp: 180519
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 9.0 7.8 11.8
68 5.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 95.698 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137242.D

Acq: 01 Feb 2024 20:24

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-01

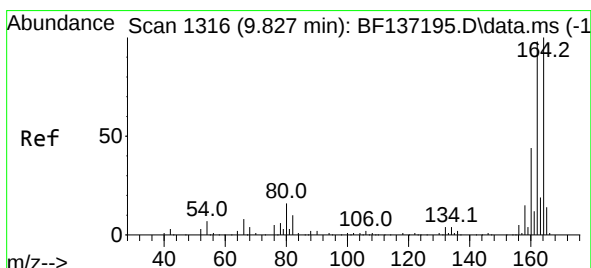
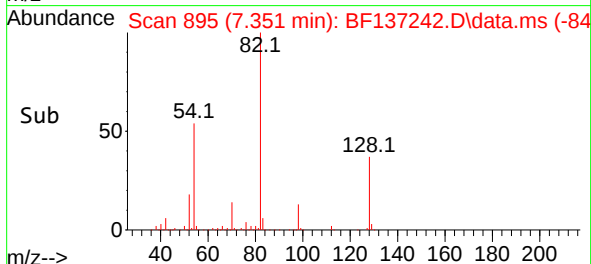
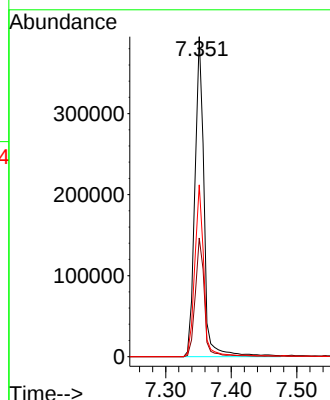
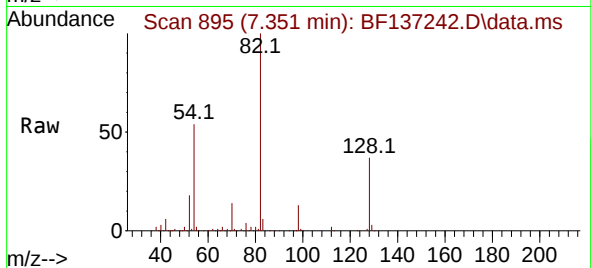
Tgt Ion: 82 Resp: 385854

Ion Ratio Lower Upper

82 100

128 37.1 29.1 43.7

54 53.7 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: BF137242.D

Acq: 01 Feb 2024 20:24

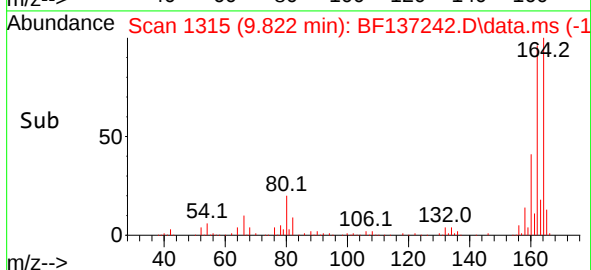
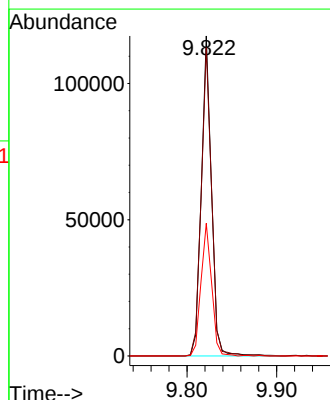
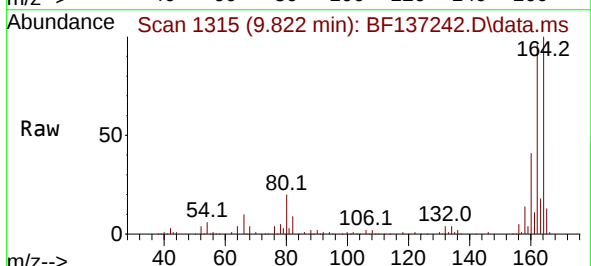
Tgt Ion:164 Resp: 91881

Ion Ratio Lower Upper

164 100

162 96.3 78.3 117.5

160 41.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 129.862 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137242.D

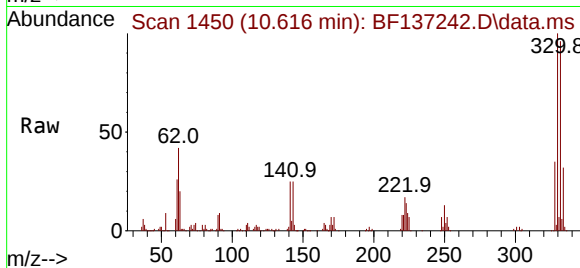
Acq: 01 Feb 2024 20:24

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-01



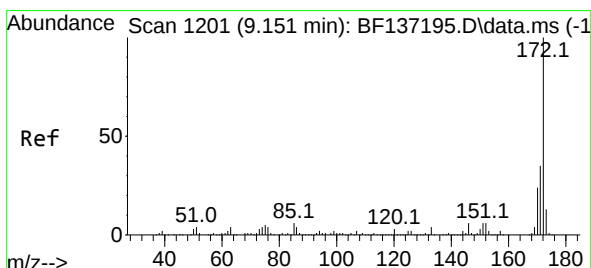
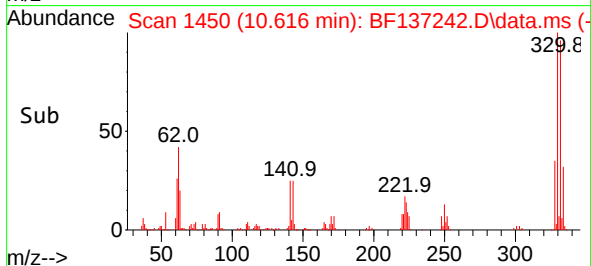
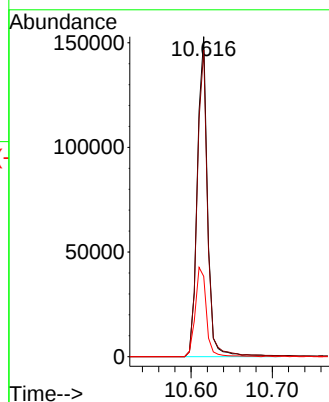
Tgt Ion:330 Resp: 134753

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 30.4 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 96.973 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137242.D

Acq: 01 Feb 2024 20:24

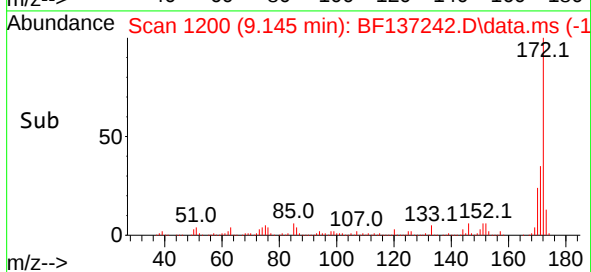
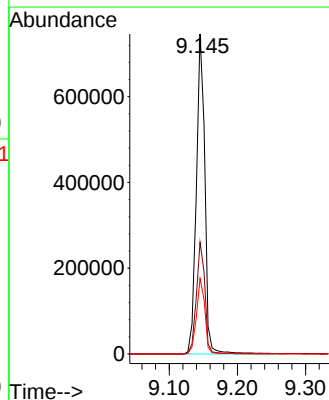
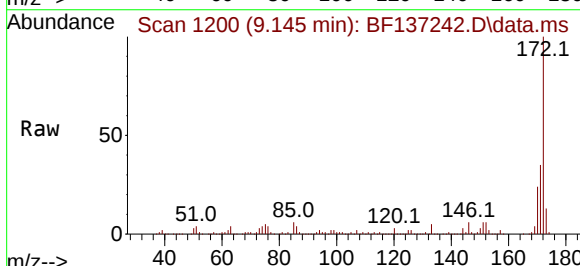
Tgt Ion:172 Resp: 648151

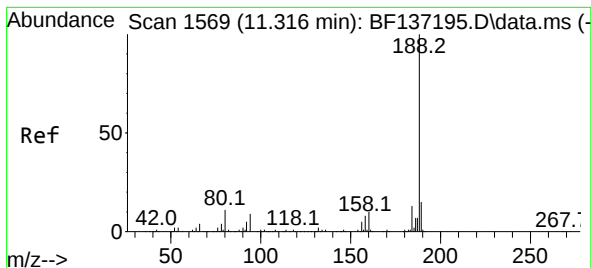
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.6 19.1 28.7

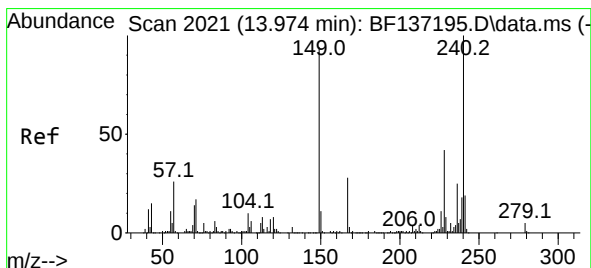
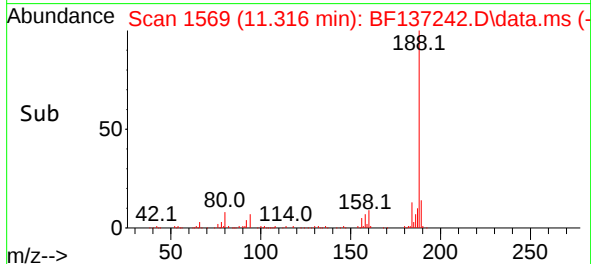
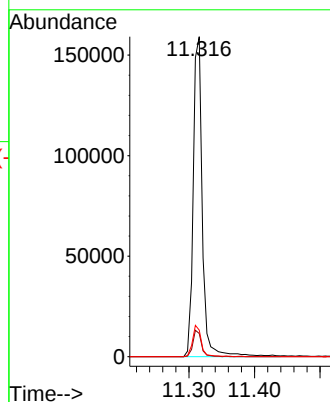
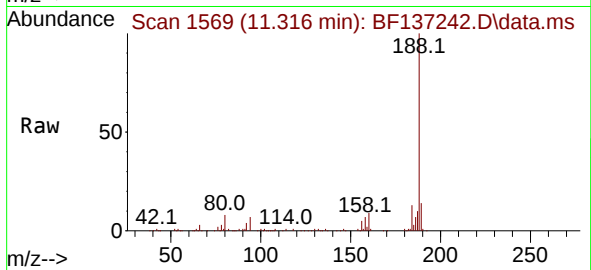




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

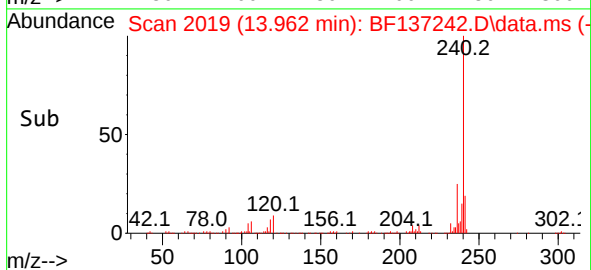
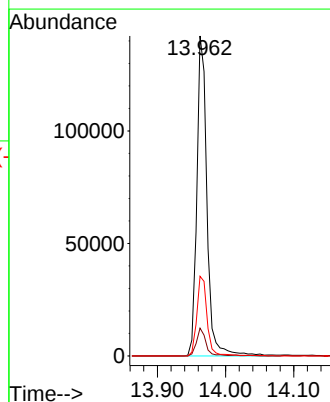
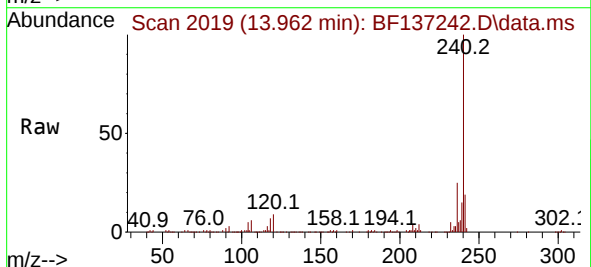
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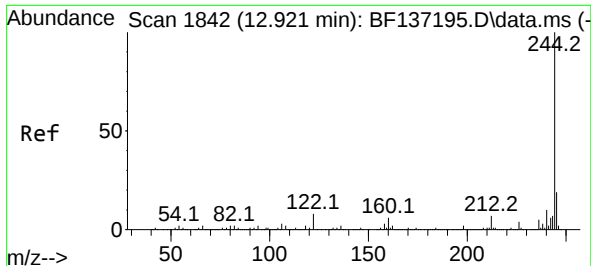
Tgt Ion:188 Resp: 153675
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.4
80 8.3 8.8 13.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

Tgt Ion:240 Resp: 147171
Ion Ratio Lower Upper
240 100
120 8.7 6.3 9.5
236 24.9 20.3 30.5

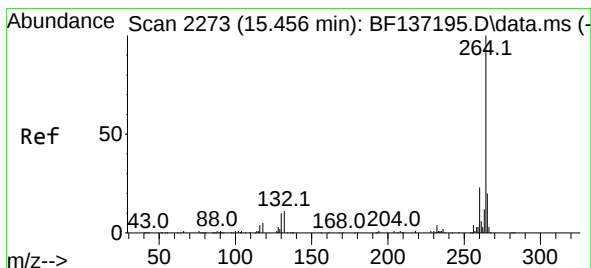
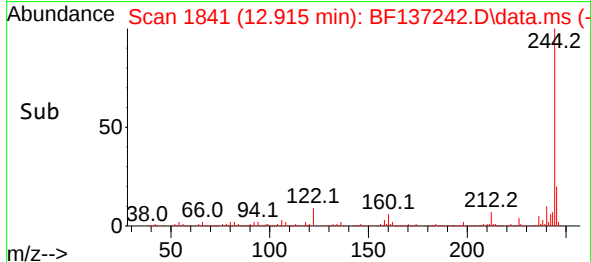
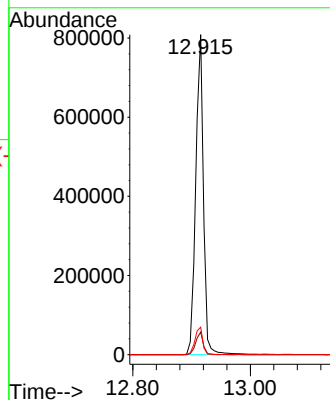
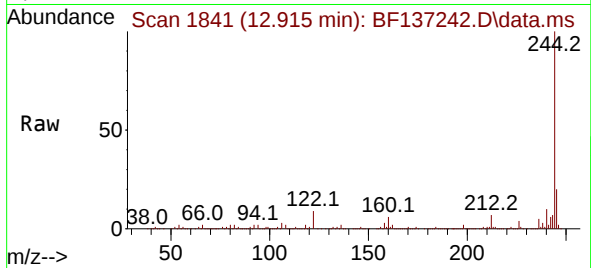




#79
 Terphenyl-d14
 Concen: 68.367 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137242.D
 Acq: 01 Feb 2024 20:24

Instrument :
 BNA_F
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 TR-614-COMP-01

Tgt Ion:244 Resp: 740129
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 8.6 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: BF137242.D
 Acq: 01 Feb 2024 20:24

Tgt Ion:264 Resp: 121576
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.4
 265 20.6 16.2 24.2

