

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134734.D
 Acq On : 11 Aug 2023 16:02
 Operator : CG\JU
 Sample : 03971-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-PP01

Quant Time: Aug 11 22:22:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	183707	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	694840	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	299996	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	501406	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	414133	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	311205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	843048	69.759	ng	0.00
7) Phenol-d6	6.434	99	1017756	65.880	ng	0.00
23) Nitrobenzene-d5	7.357	82	616421	55.440	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	235063	76.864	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1104438	61.212	ng	-0.01
79) Terphenyl-d14	12.915	244	1206339	51.351	ng	0.00

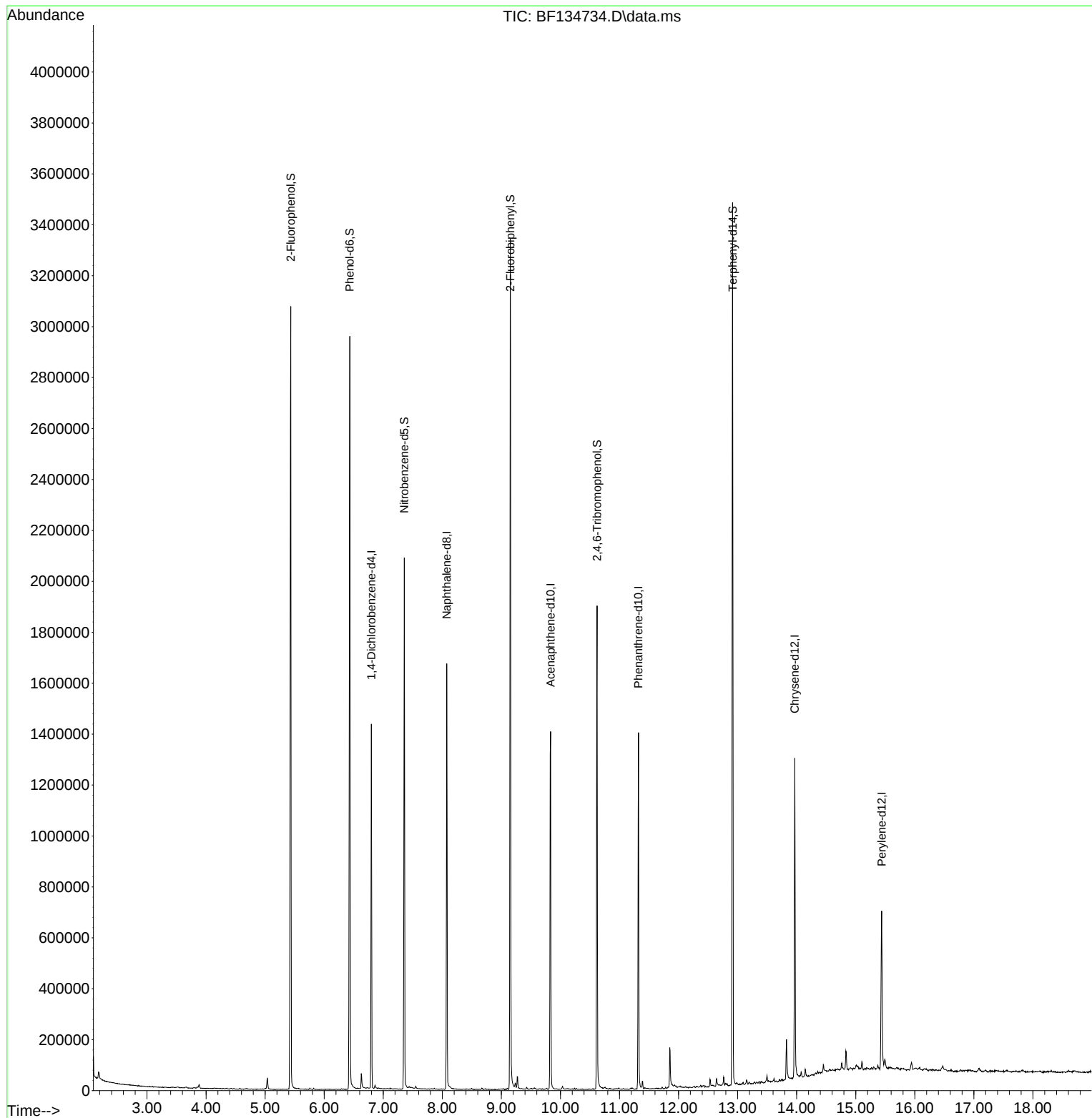
Target Compounds	Qvalue

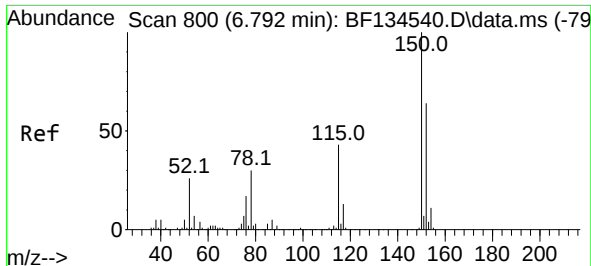
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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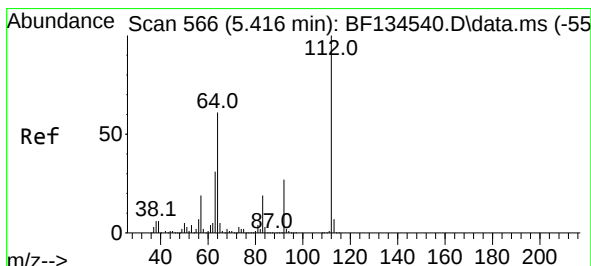
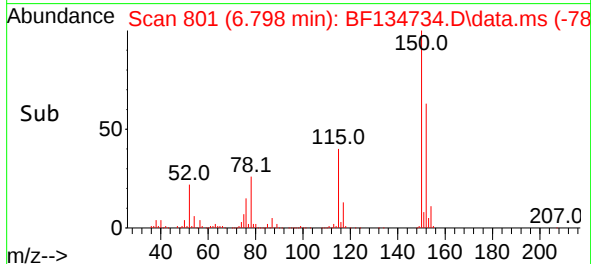
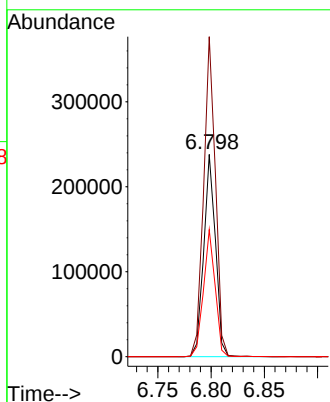
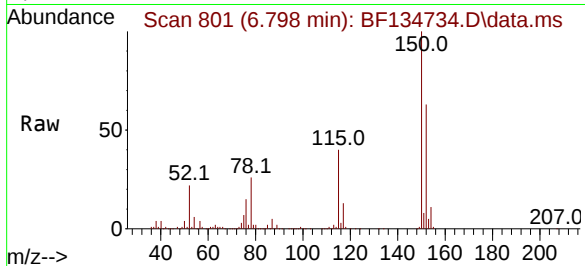




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF134734.D
 Acq: 11 Aug 2023 16:02

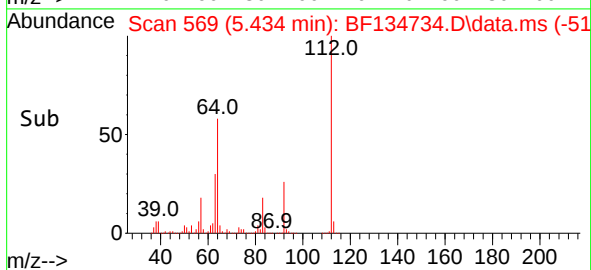
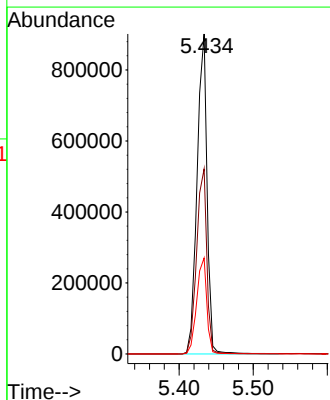
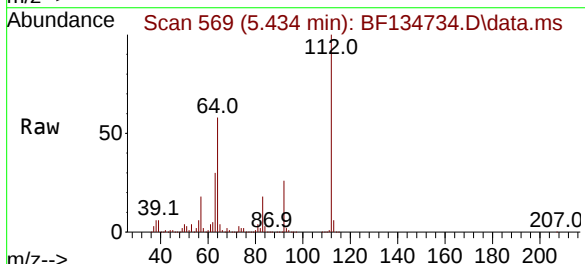
Instrument :
 BNA_F
 ClientSampleId :
 WC-PP01

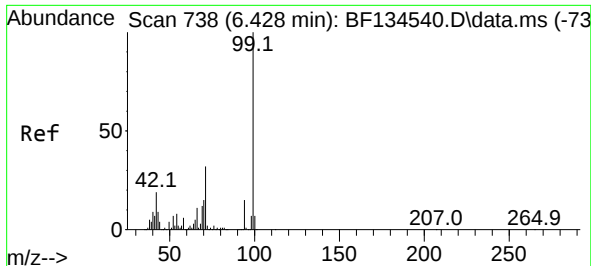
Tgt Ion:152 Resp: 183707
 Ion Ratio Lower Upper
 152 100
 150 158.2 128.3 192.5
 115 62.8 52.4 78.6



#5
 2-Fluorophenol
 Concen: 69.759 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF134734.D
 Acq: 11 Aug 2023 16:02

Tgt Ion:112 Resp: 843048
 Ion Ratio Lower Upper
 112 100
 64 57.8 44.9 67.3
 63 30.0 25.4 38.0

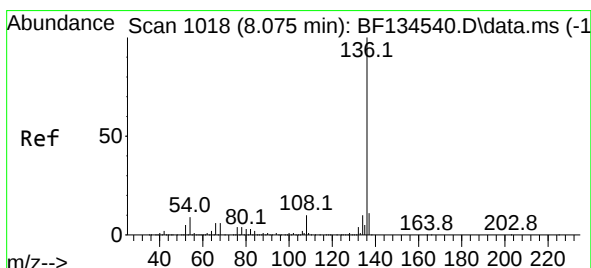
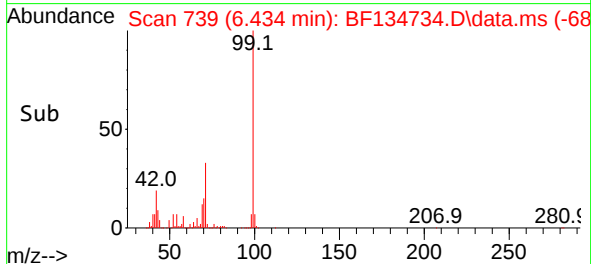
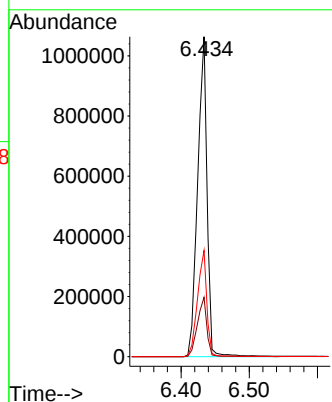
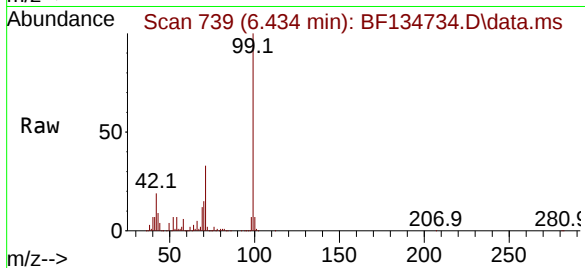




#7
Phenol-d6
Concen: 65.880 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

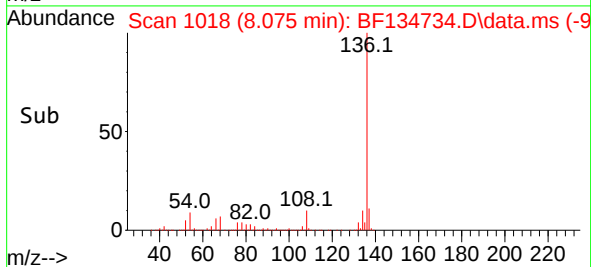
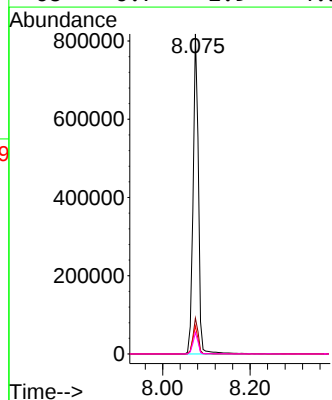
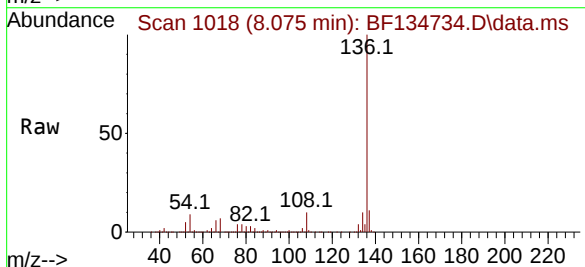
Instrument :
BNA_F
ClientSampleId :
WC-PP01

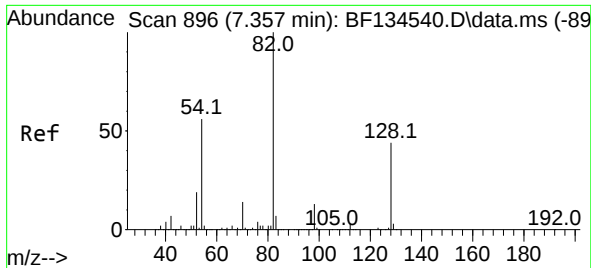
Tgt Ion: 99 Resp: 1017756
Ion Ratio Lower Upper
99 100
42 18.6 18.7 28.1#
71 33.2 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

Tgt Ion: 136 Resp: 694840
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.7 5.2 7.8#
68 6.7 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 55.440 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134734.D

Acq: 11 Aug 2023 16:02

Instrument :

BNA_F

ClientSampleId :

WC-PP01

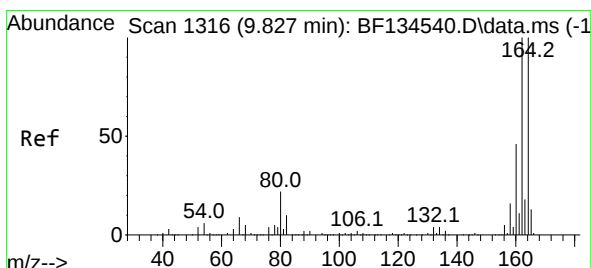
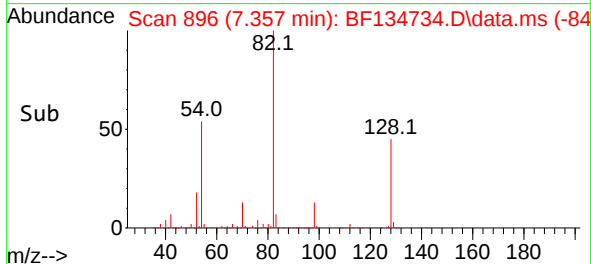
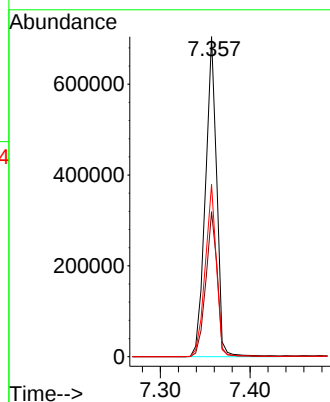
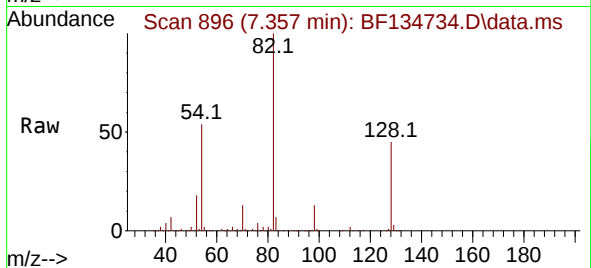
Tgt Ion: 82 Resp: 616421

Ion Ratio Lower Upper

82 100

128 45.3 34.3 51.5

54 53.8 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF134734.D

Acq: 11 Aug 2023 16:02

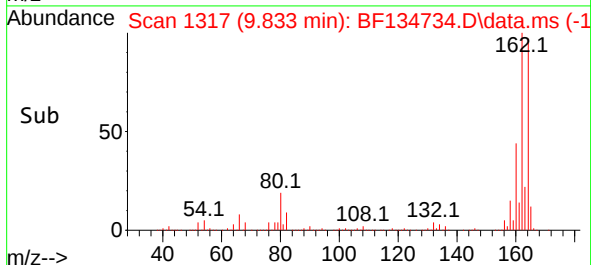
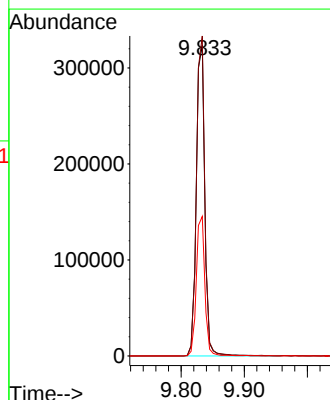
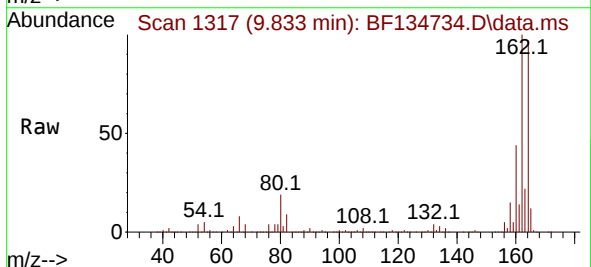
Tgt Ion: 164 Resp: 299996

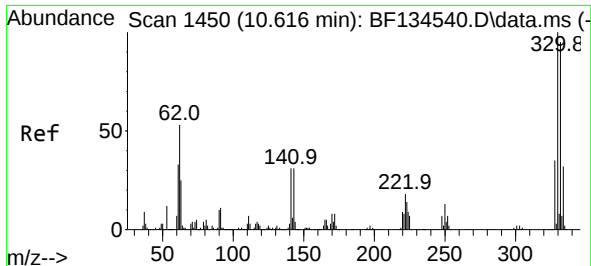
Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

160 44.9 37.2 55.8

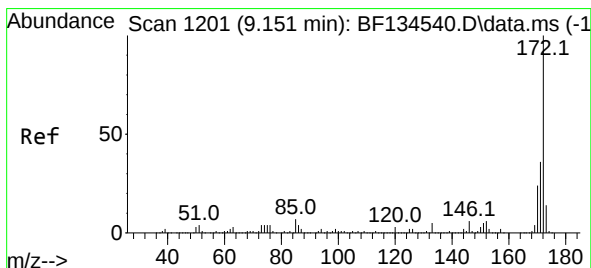
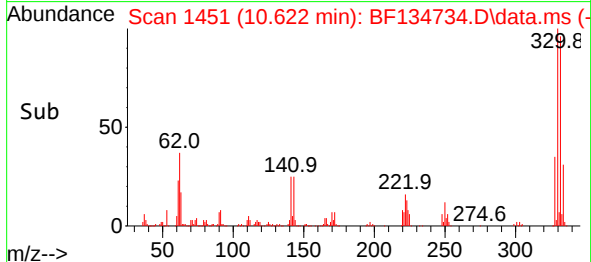
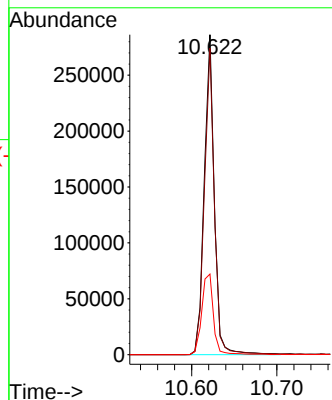
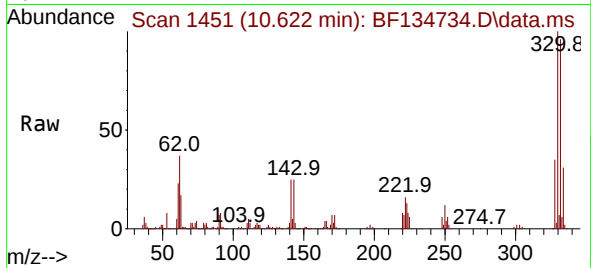




#42
2,4,6-Tribromophenol
Concen: 76.864 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

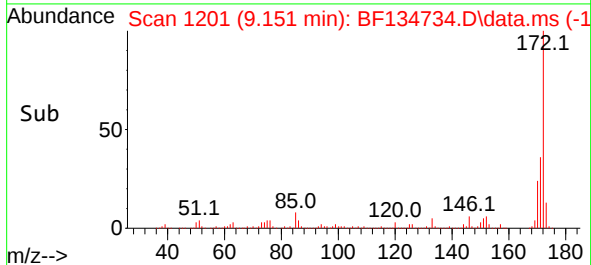
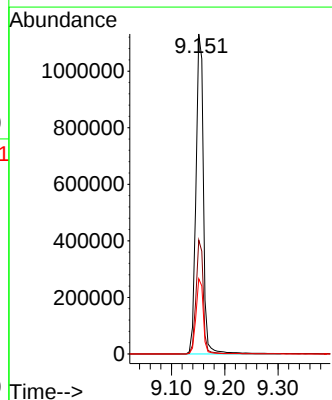
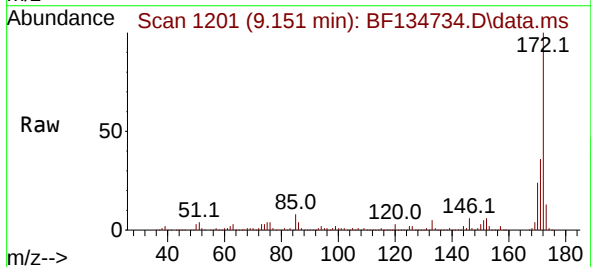
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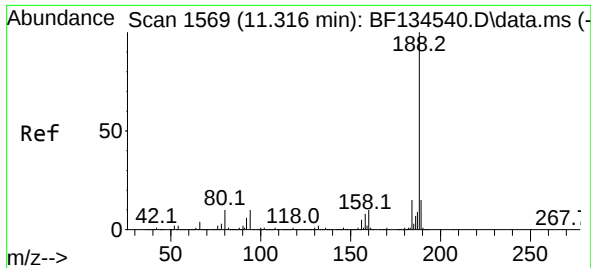
Tgt Ion: 330 Resp: 235063
Ion Ratio Lower Upper
330 100
332 95.7 78.8 118.2
141 29.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 61.212 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

Tgt Ion: 172 Resp: 1104438
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.5 18.7 28.1

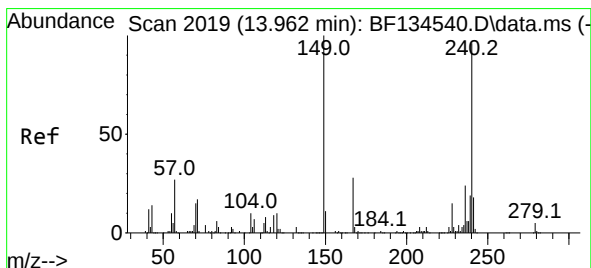
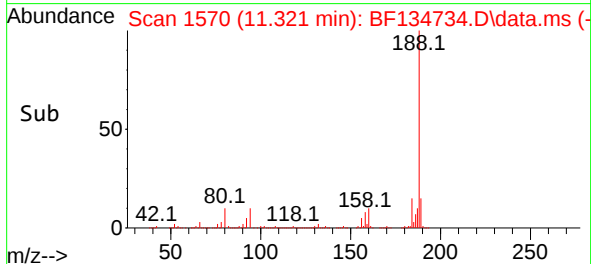
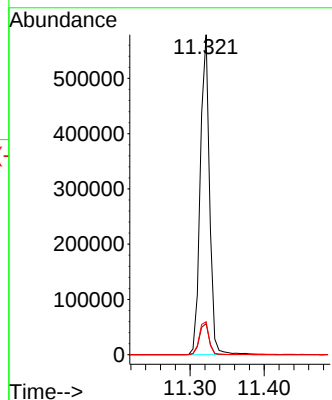
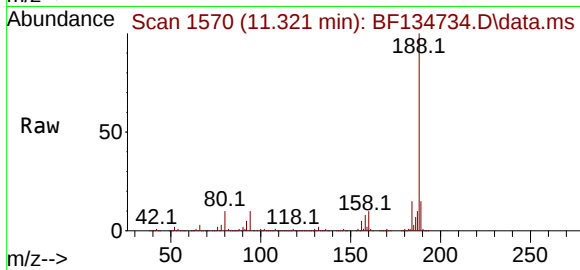




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

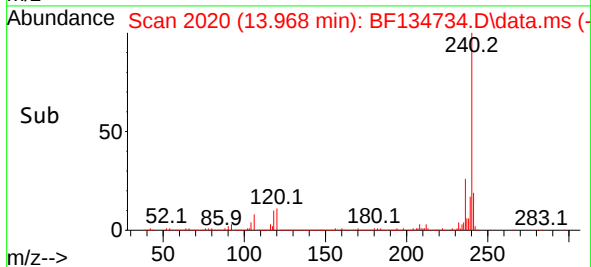
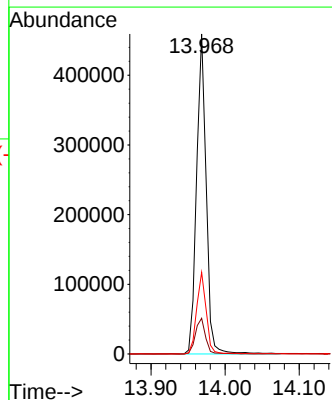
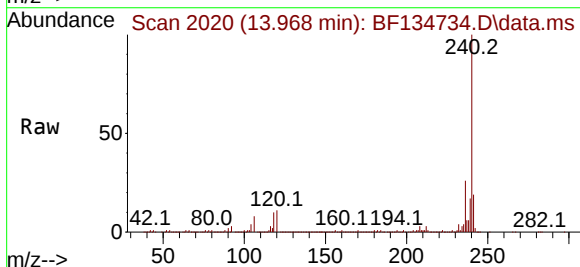
Instrument :
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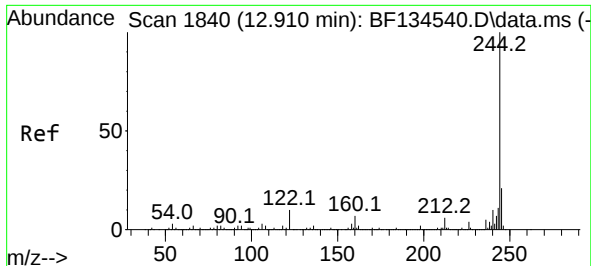
Tgt Ion:188 Resp: 501406
Ion Ratio Lower Upper
188 100
94 9.7 5.1 7.7#
80 10.3 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

Tgt Ion:240 Resp: 414133
Ion Ratio Lower Upper
240 100
120 11.1 6.6 10.0#
236 25.5 20.2 30.2

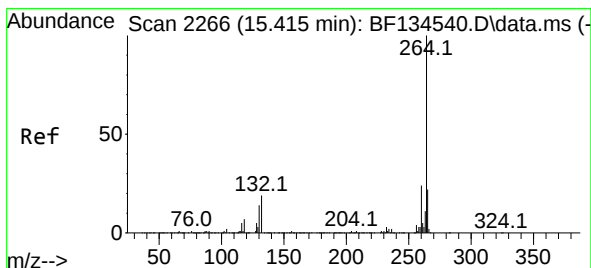
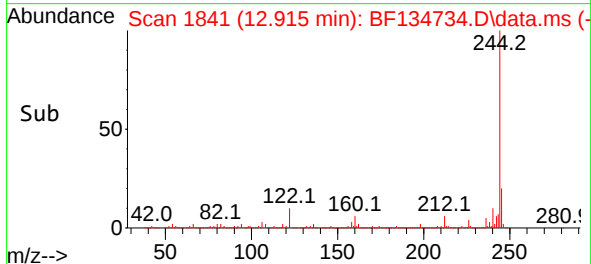
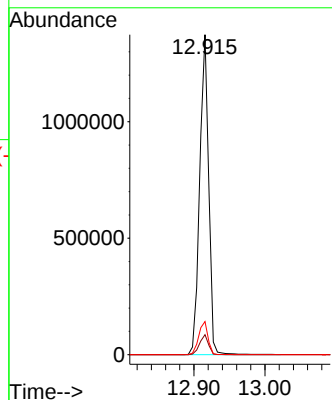
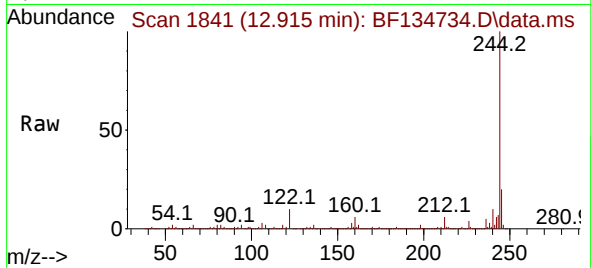




#79
 Terphenyl-d14
 Concen: 51.351 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134734.D
 Acq: 11 Aug 2023 16:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-PP01

Tgt Ion:244 Resp: 1206339
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 10.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF134734.D
 Acq: 11 Aug 2023 16:02

Tgt Ion:264 Resp: 311205
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.9 15.8 23.8

