

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130016.D
 Acq On : 26 Aug 2022 13:21
 Operator : CG\JU
 Sample : N4262-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-107(42.5FT)

Quant Time: Aug 27 06:06:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	127032	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	528385	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	291406	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	493246	20.000	ng	-0.01
76) Chrysene-d12	13.916	240	293682	20.000	ng	-0.01
86) Perylene-d12	15.363	264	208570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	531246	69.241	ng	0.00
7) Phenol-d6	6.410	99	416501	43.349	ng	-0.01
23) Nitrobenzene-d5	7.322	82	883245	89.483	ng	-0.01
42) 2,4,6-Tribromophenol	10.581	330	369440	126.317	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1608256	83.822	ng	-0.01
79) Terphenyl-d14	12.857	244	1744457	98.837	ng	0.00

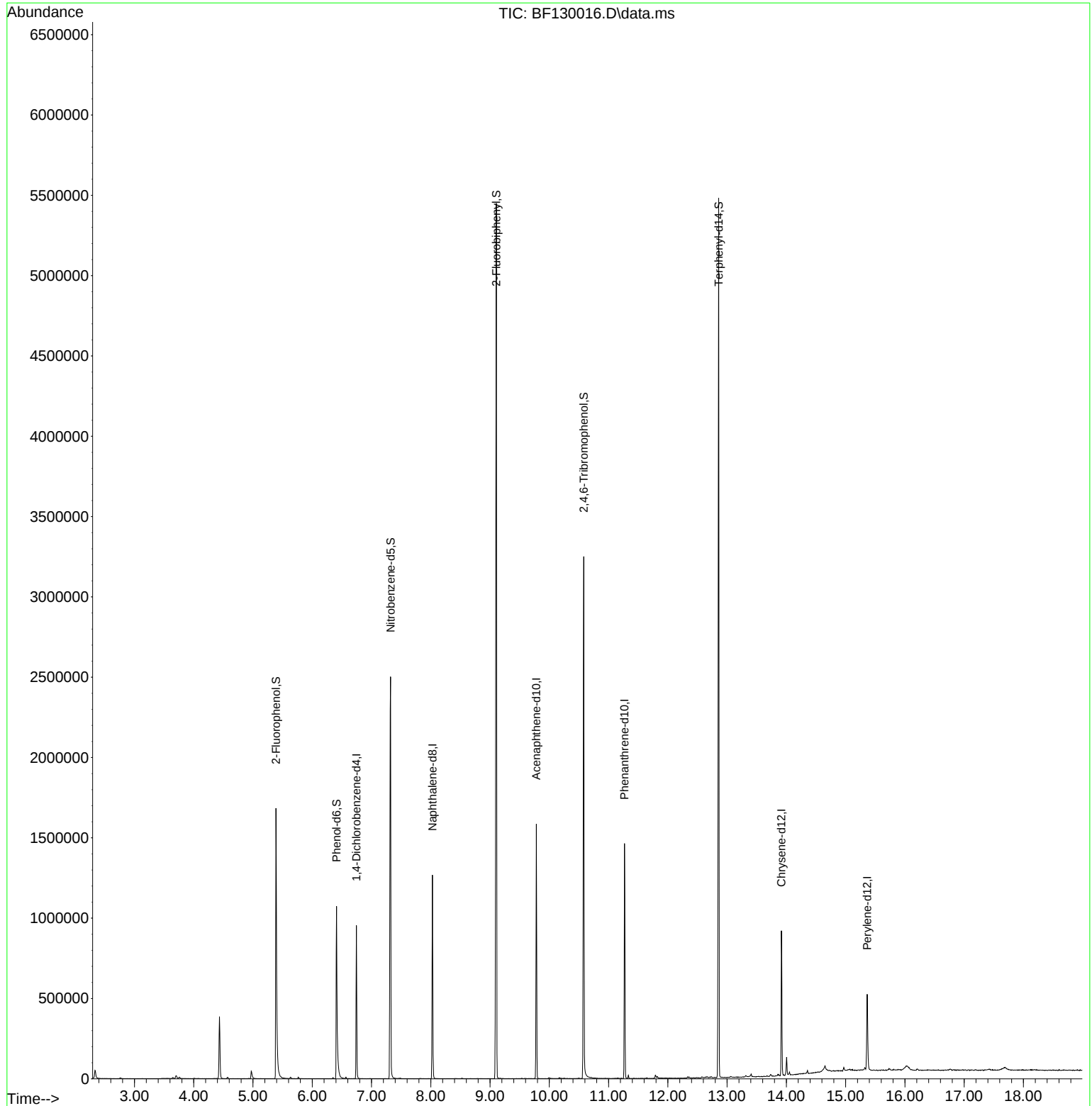
Target Compounds	Qvalue

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

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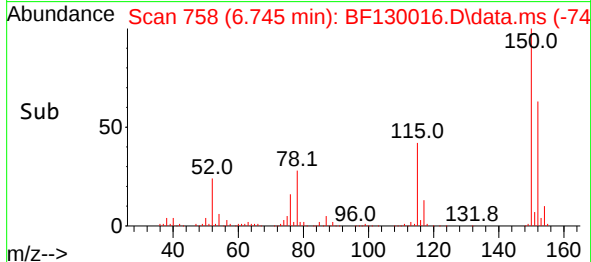
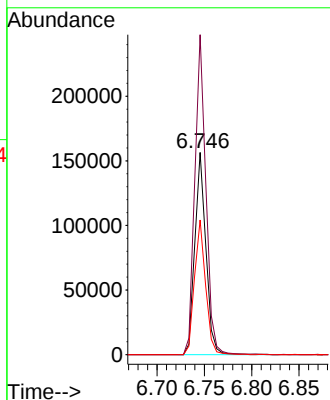
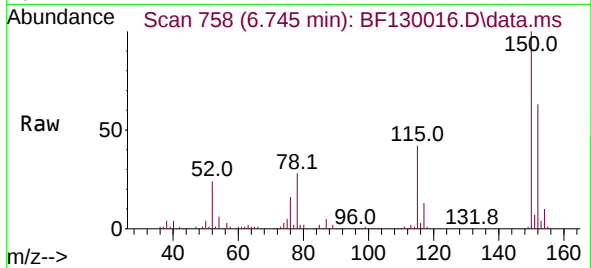




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

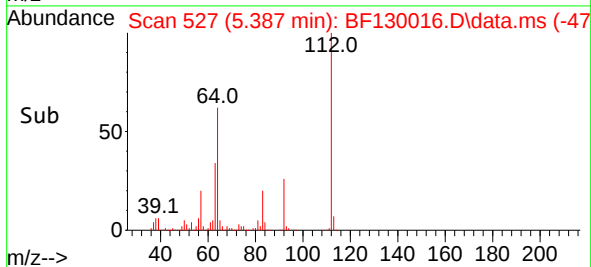
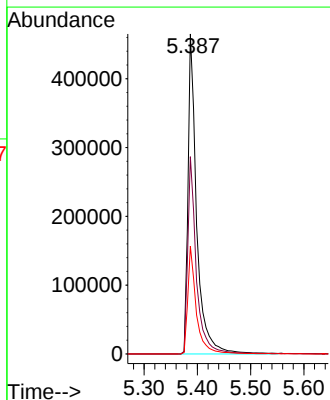
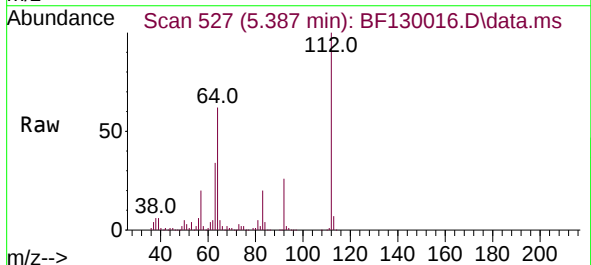
Instrument :
BNA_F
ClientSampleId :
MW-107(42.5FT)

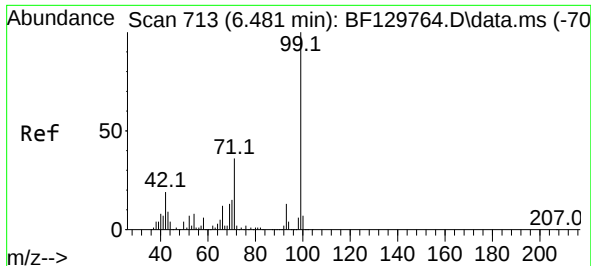
Tgt Ion:152 Resp: 127032
Ion Ratio Lower Upper
152 100
150 158.3 126.9 190.3
115 66.6 53.4 80.0



#5
2-Fluorophenol
Concen: 69.241 ng
RT: 5.387 min Scan# 527
Delta R.T. -0.006 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

Tgt Ion:112 Resp: 531246
Ion Ratio Lower Upper
112 100
64 61.7 47.6 71.4
63 33.7 24.6 37.0

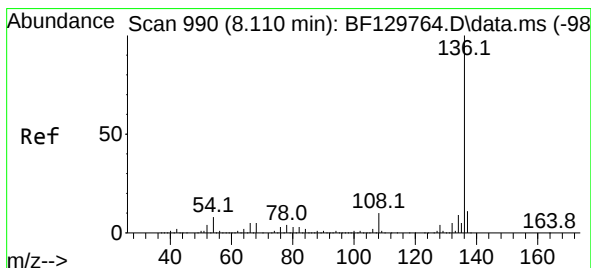
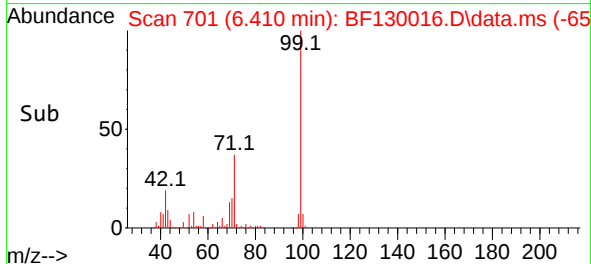
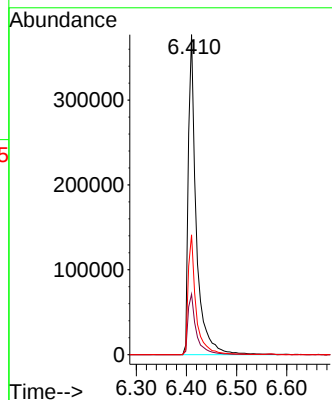
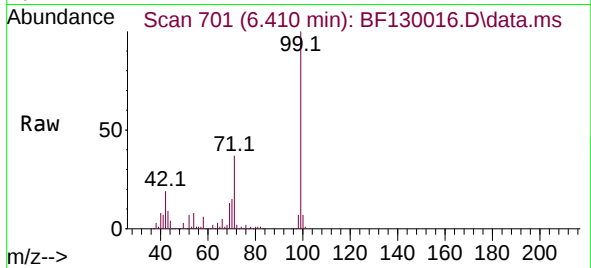




#7
Phenol-d6
Concen: 43.349 ng
RT: 6.410 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

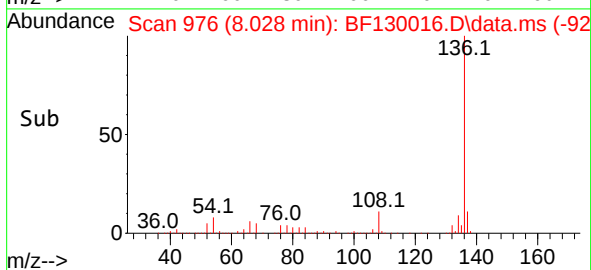
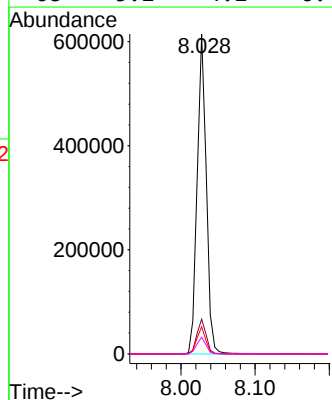
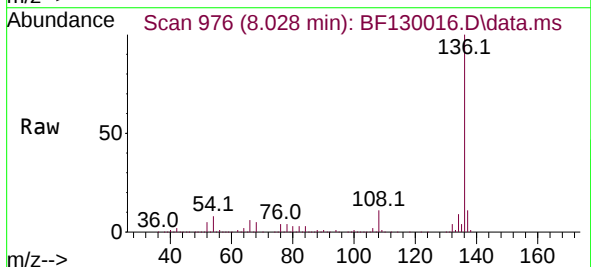
Instrument :
BNA_F
ClientSampleId :
MW-107(42.5FT)

Tgt Ion: 99 Resp: 416501
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 37.4 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

Tgt Ion: 136 Resp: 528385
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.5 6.2 9.2
68 5.2 4.2 6.4

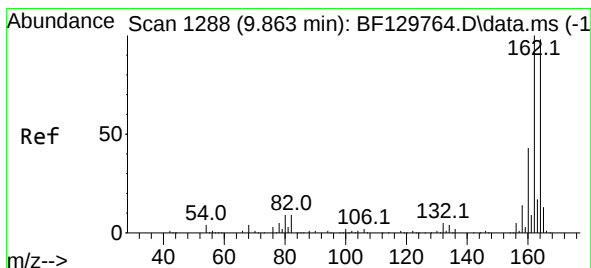
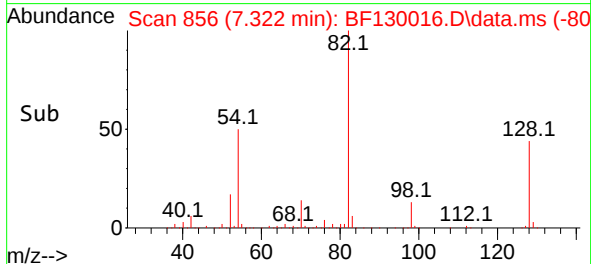
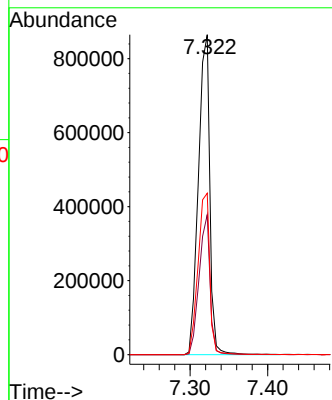
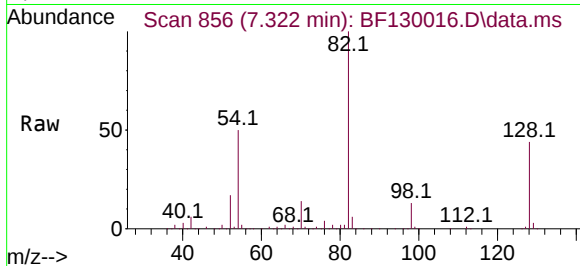




#23
Nitrobenzene-d5
Concen: 89.483 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

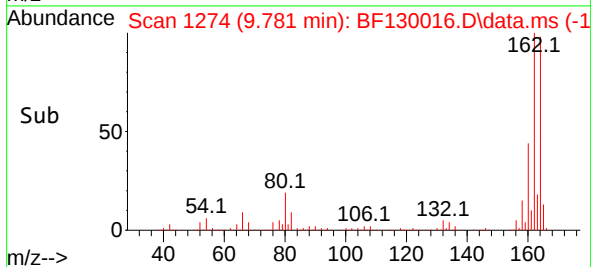
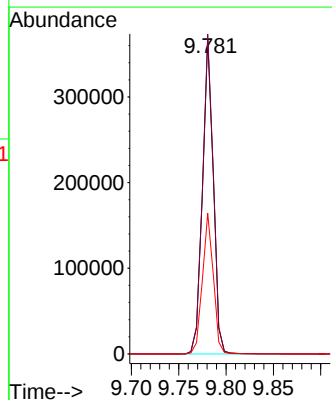
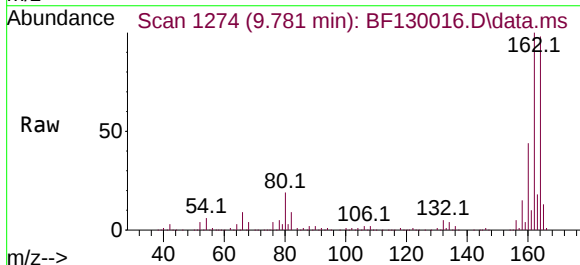
Instrument :
BNA_F
ClientSampleId :
MW-107(42.5FT)

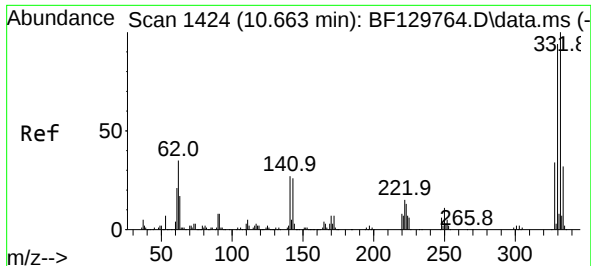
Tgt Ion: 82 Resp: 883245
Ion Ratio Lower Upper
82 100
128 43.7 36.1 54.1
54 50.4 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

Tgt Ion:164 Resp: 291406
Ion Ratio Lower Upper
164 100
162 101.5 82.0 123.0
160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 126.317 ng

RT: 10.581 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130016.D

Acq: 26 Aug 2022 13:21

Instrument :

BNA_F

ClientSampleId :

MW-107(42.5FT)

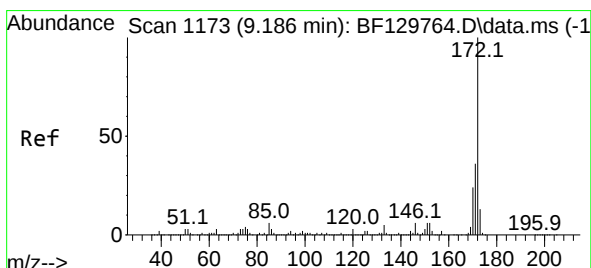
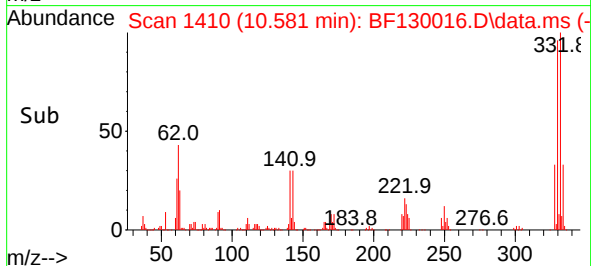
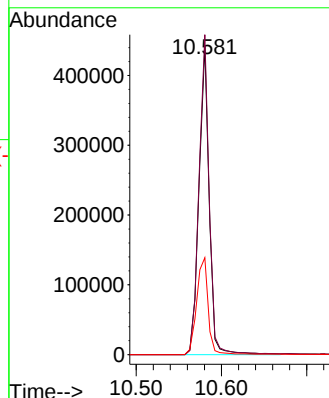
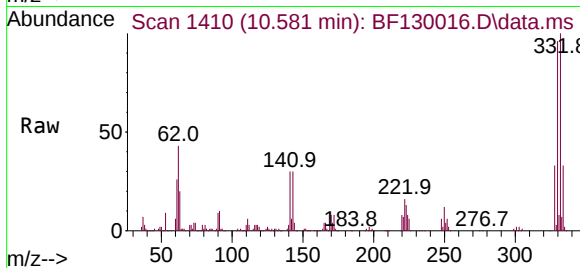
Tgt Ion:330 Resp: 369440

Ion Ratio Lower Upper

330 100

332 104.5 82.6 124.0

141 35.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 83.822 ng

RT: 9.104 min Scan# 1159

Delta R.T. -0.012 min

Lab File: BF130016.D

Acq: 26 Aug 2022 13:21

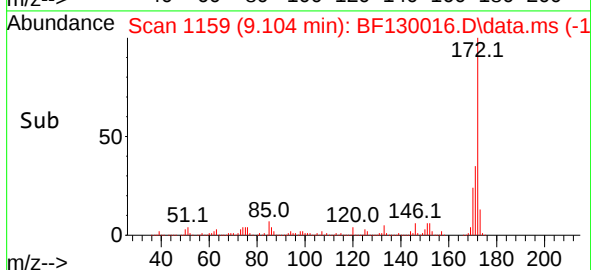
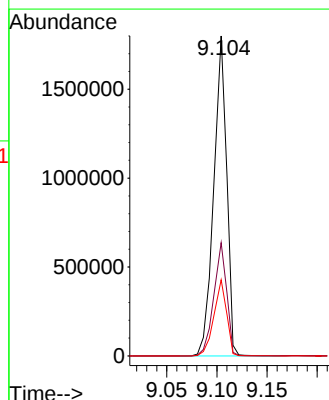
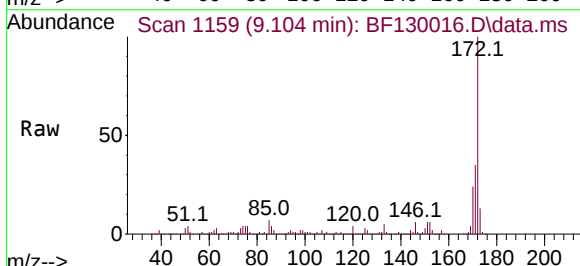
Tgt Ion:172 Resp: 1608256

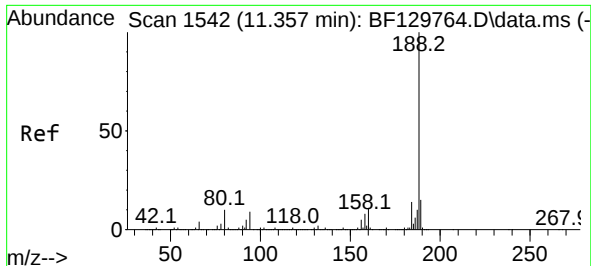
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.8 19.1 28.7

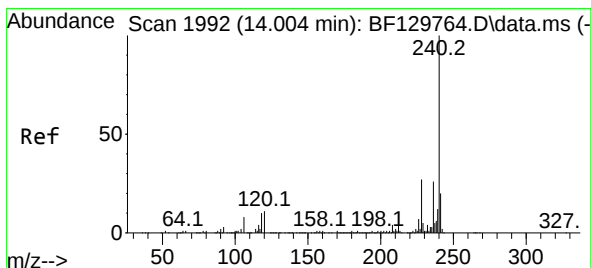
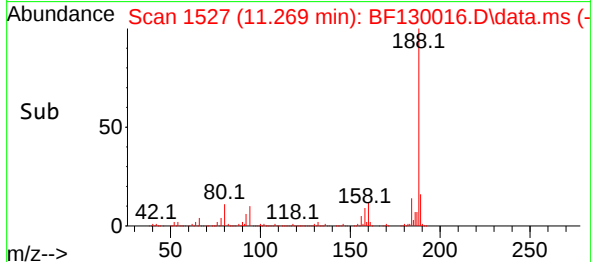
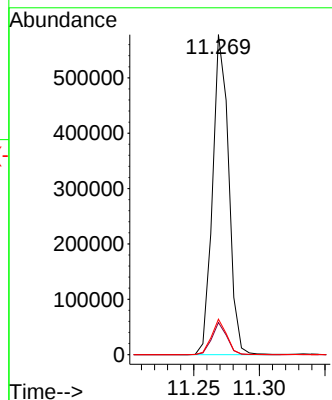
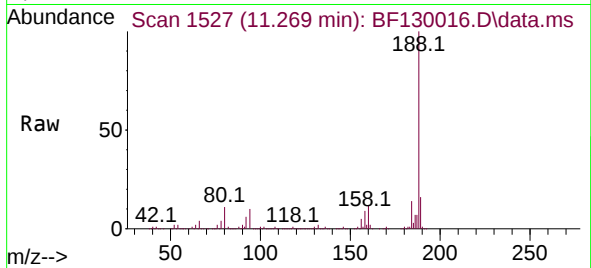




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

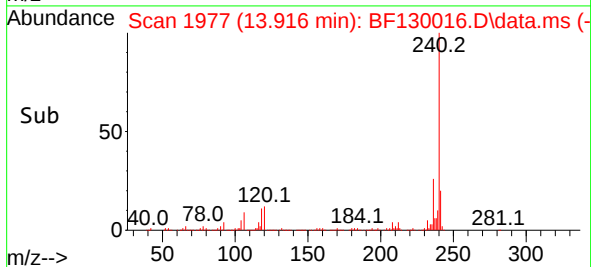
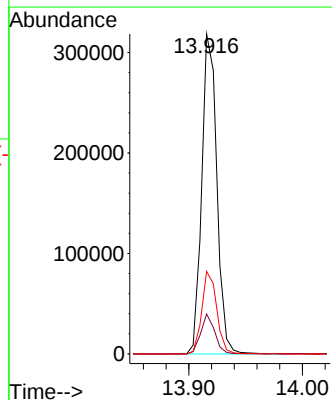
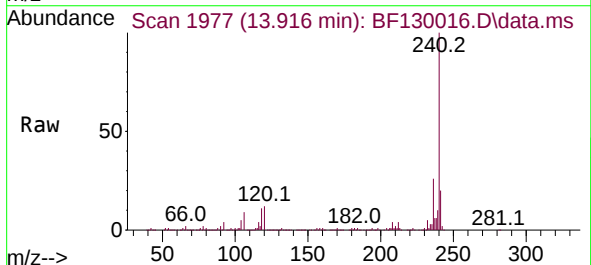
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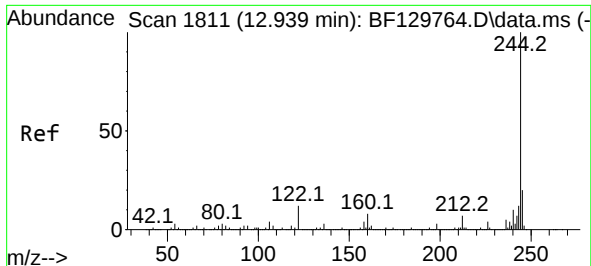
Tgt Ion:188 Resp: 493246
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

Tgt Ion:240 Resp: 293682
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.8 20.7 31.1

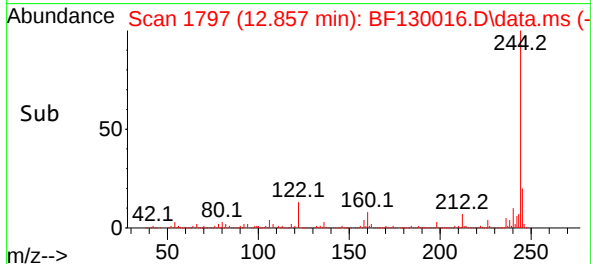
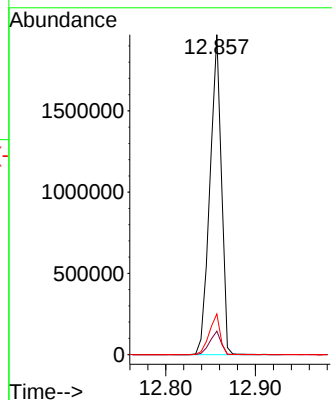
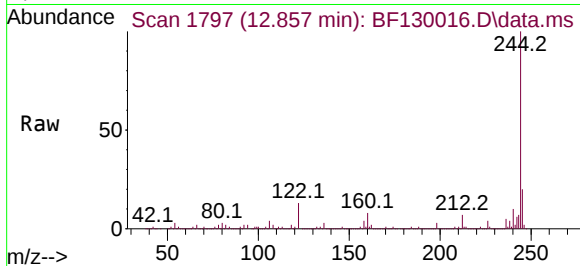




#79
 Terphenyl-d14
 Concen: 98.837 ng
 RT: 12.857 min Scan# 1797
 Delta R.T. -0.006 min
 Lab File: BF130016.D
 Acq: 26 Aug 2022 13:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-107(42.5FT)

Tgt Ion:244 Resp: 1744457
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.7 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.363 min Scan# 2223
 Delta R.T. -0.006 min
 Lab File: BF130016.D
 Acq: 26 Aug 2022 13:21

Tgt Ion:264 Resp: 208570
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.7 16.7 25.1

