

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
 Data File : BF126392.D
 Acq On : 28 Dec 2021 20:52
 Operator : JU/CG
 Sample : M5115-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Dec 29 08:24:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	145300	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	591711	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	208670	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	285779	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	194924	20.000	ng	-0.01
86) Perylene-d12	15.415	264	162995	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	804948	81.583	ng	0.00
7) Phenol-d6	6.434	99	617488	49.288	ng	-0.01
23) Nitrobenzene-d5	7.375	82	1088218	99.604	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	242373	144.531	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1165149	97.931	ng	0.00
79) Terphenyl-d14	12.921	244	808102	72.058	ng	0.00

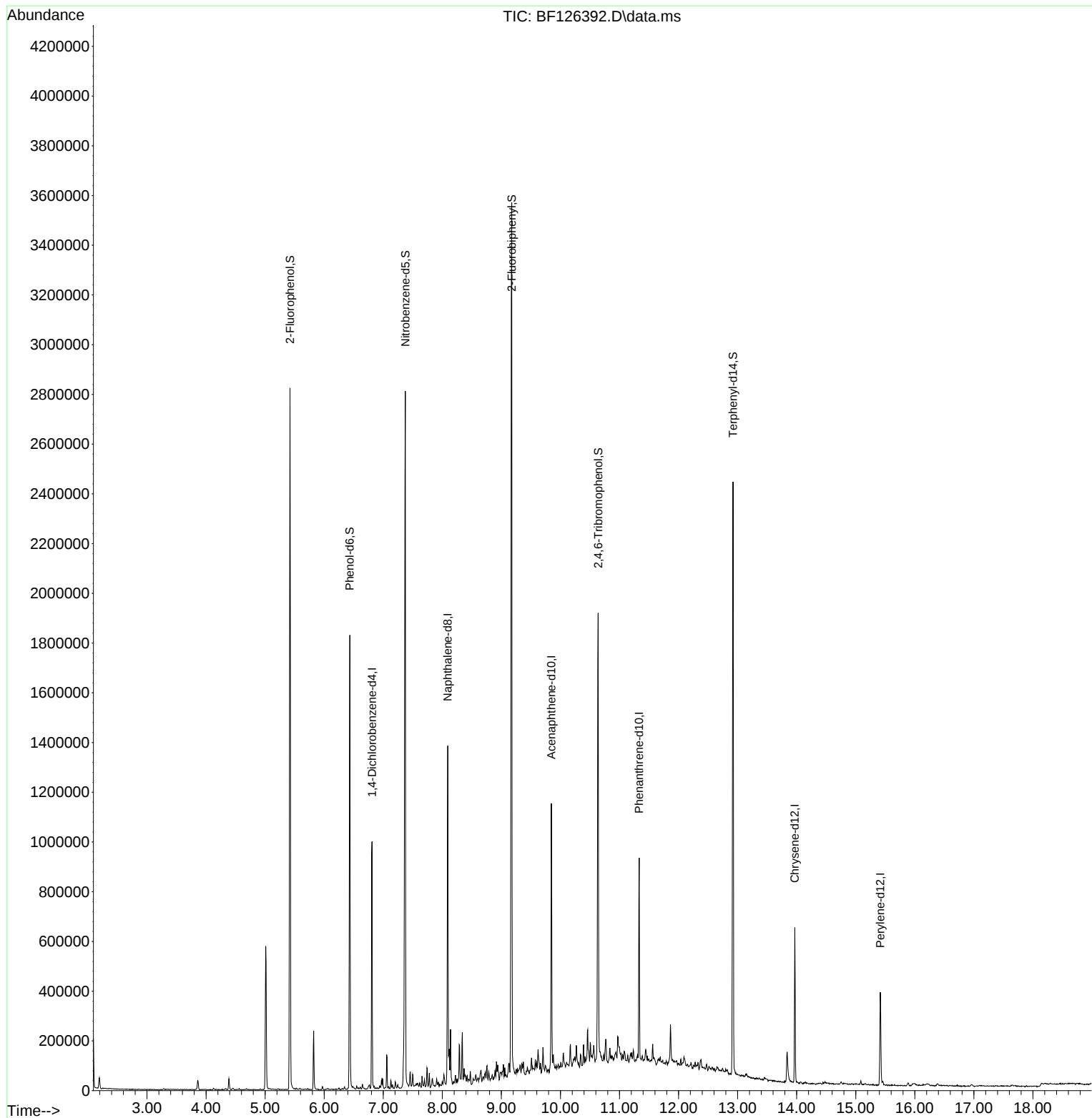
Target Compounds	Qvalue

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

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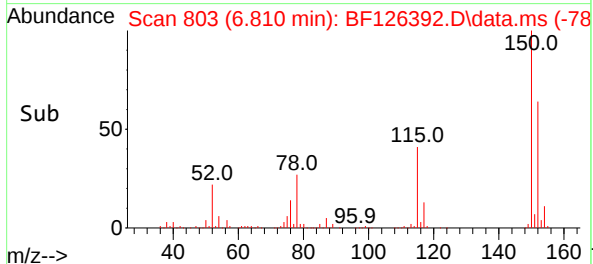
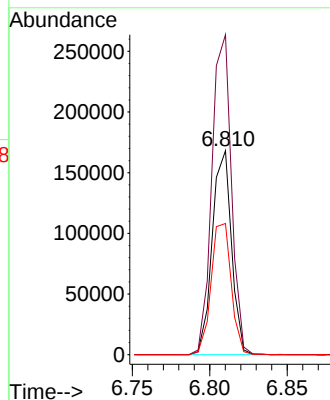
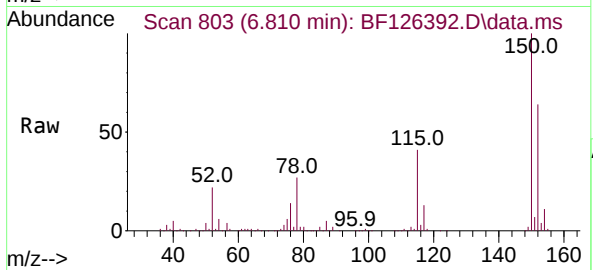




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

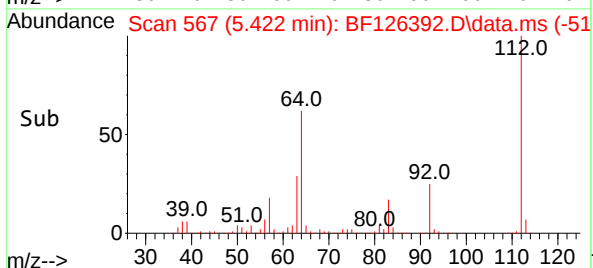
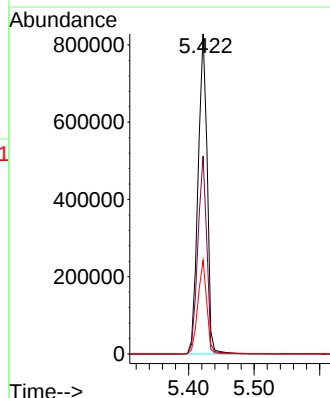
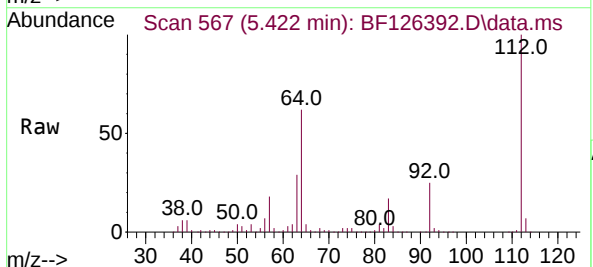
Instrument :
BNA_F
ClientSampleId :
MW-5

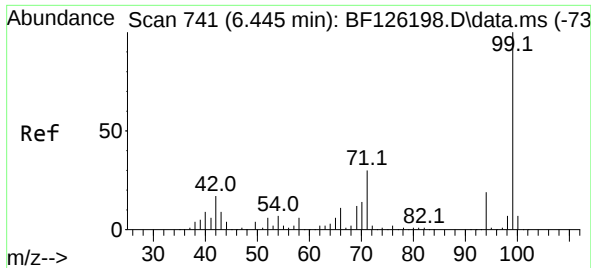
Tgt Ion:152 Resp: 145300
Ion Ratio Lower Upper
152 100
150 156.9 117.6 176.4
115 64.3 47.1 70.7



#5
2-Fluorophenol
Concen: 81.583 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Tgt Ion:112 Resp: 804948
Ion Ratio Lower Upper
112 100
64 61.8 44.2 66.2
63 29.2 26.2 39.2

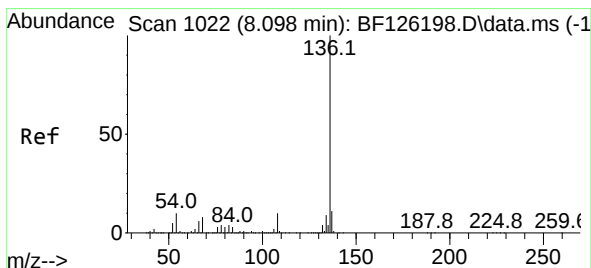
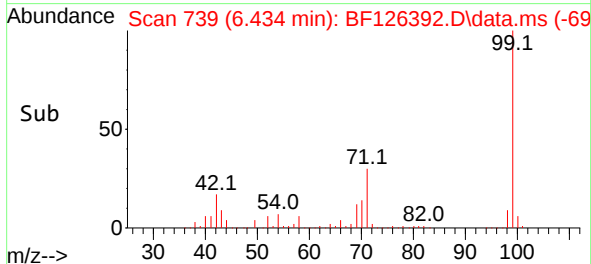
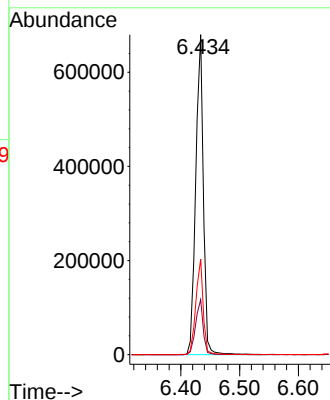
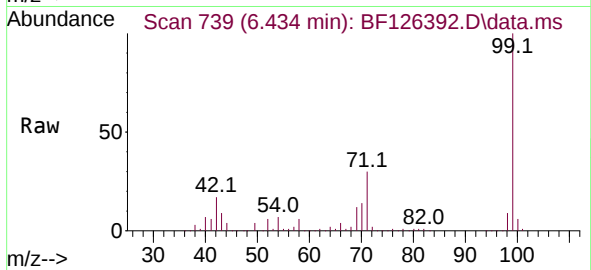




#7
Phenol-d6
Concen: 49.288 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

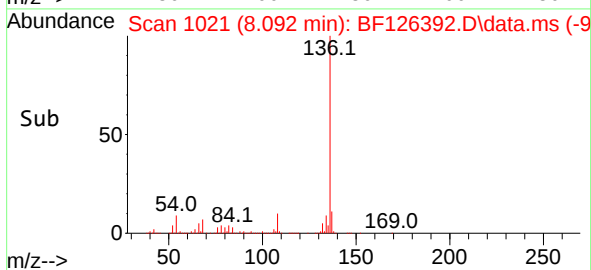
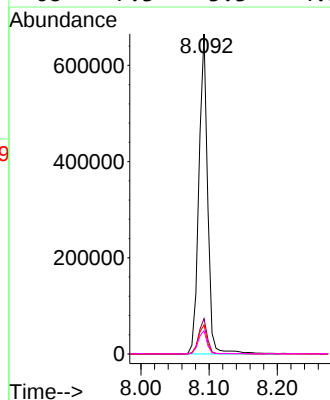
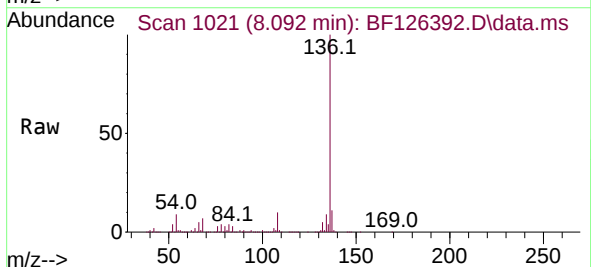
Instrument :
BNA_F
ClientSampleId :
MW-5

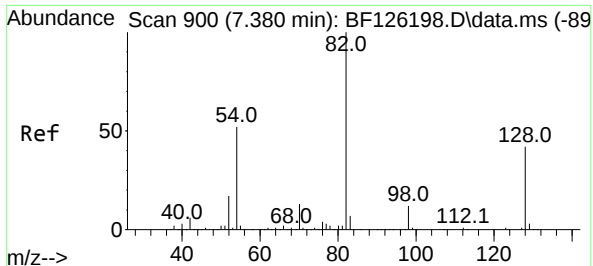
Tgt Ion: 99 Resp: 617488
Ion Ratio Lower Upper
99 100
42 17.2 23.5 35.3#
71 29.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Tgt Ion: 136 Resp: 591711
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 9.1 6.4 9.6
68 7.3 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 99.604 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126392.D

Acq: 28 Dec 2021 20:52

Instrument :

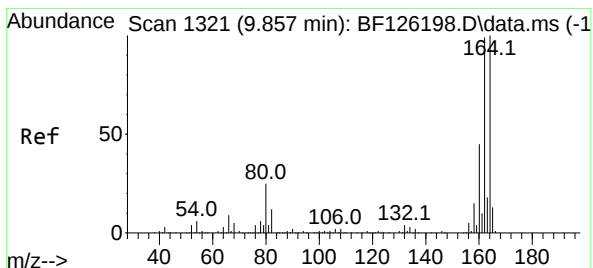
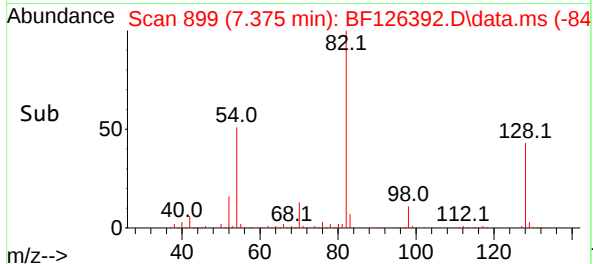
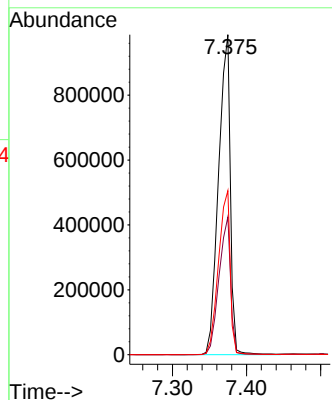
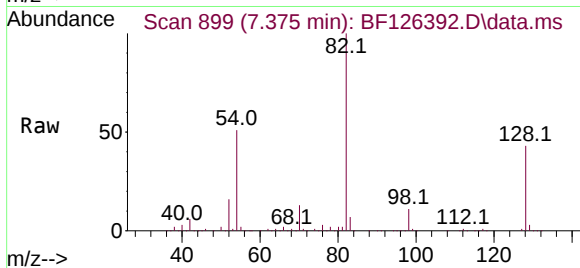
BNA_F

ClientSampleId :

MW-5

Tgt Ion: 82 Resp: 1088218

Ion	Ratio	Lower	Upper
82	100		
128	43.1	40.6	60.8
54	51.3	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1319

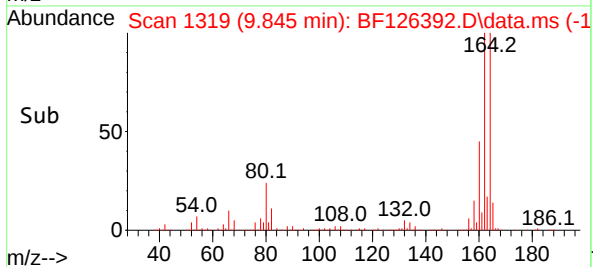
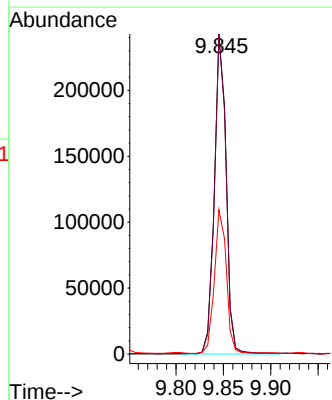
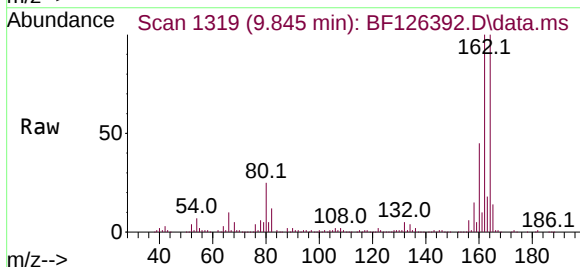
Delta R.T. -0.012 min

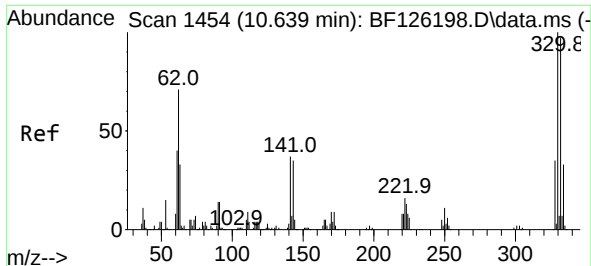
Lab File: BF126392.D

Acq: 28 Dec 2021 20:52

Tgt Ion:164 Resp: 208670

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	45.2	38.0	57.0





#42

2,4,6-Tribromophenol

Concen: 144.531 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF126392.D

Acq: 28 Dec 2021 20:52

Instrument :

BNA_F

ClientSampleId :

MW-5

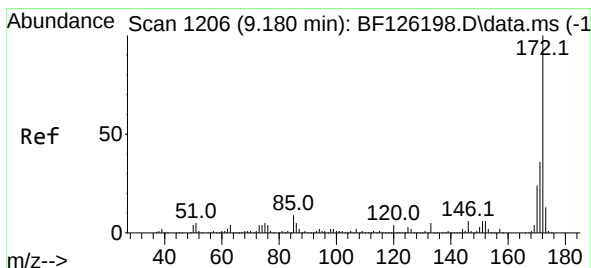
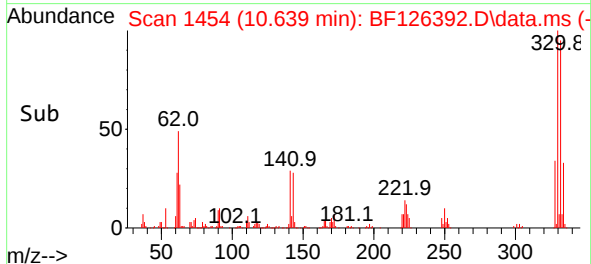
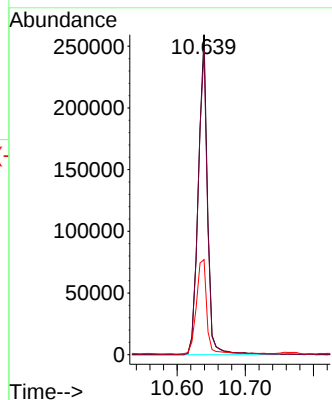
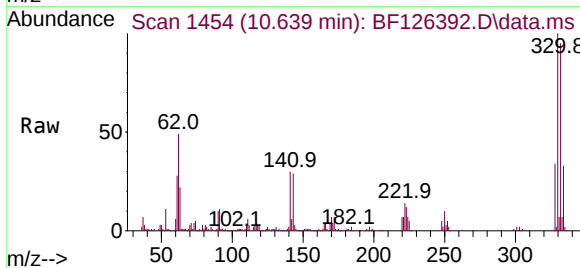
Tgt Ion:330 Resp: 242373

Ion Ratio Lower Upper

330 100

332 96.6 76.2 114.4

141 33.6 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 97.931 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126392.D

Acq: 28 Dec 2021 20:52

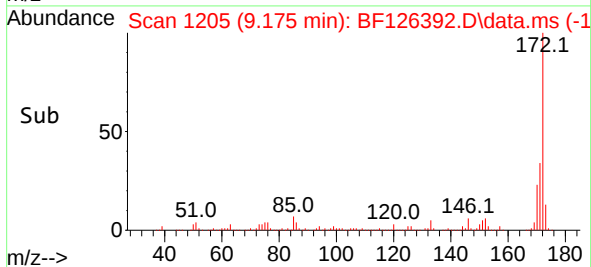
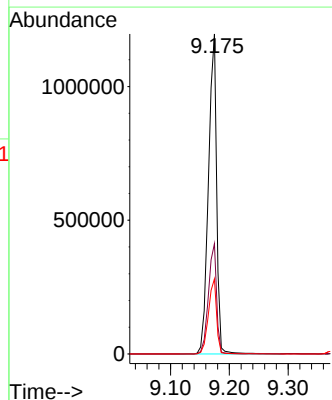
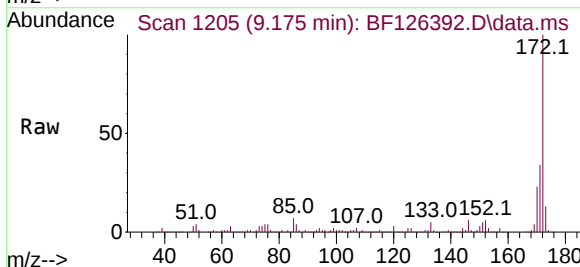
Tgt Ion:172 Resp: 1165149

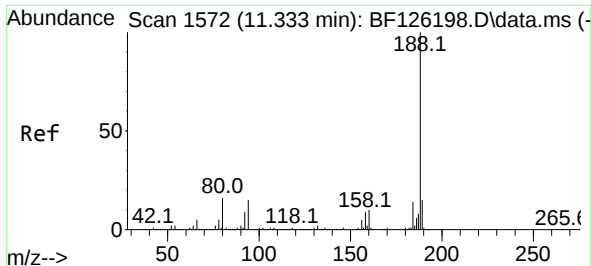
Ion Ratio Lower Upper

172 100

171 34.5 26.5 39.7

170 23.5 18.8 28.2

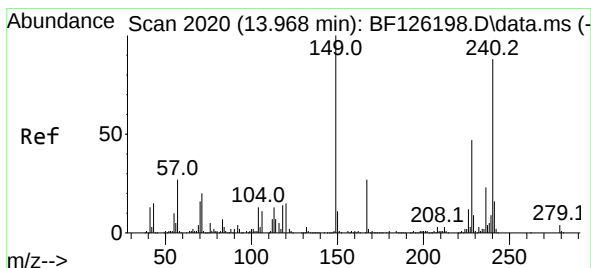
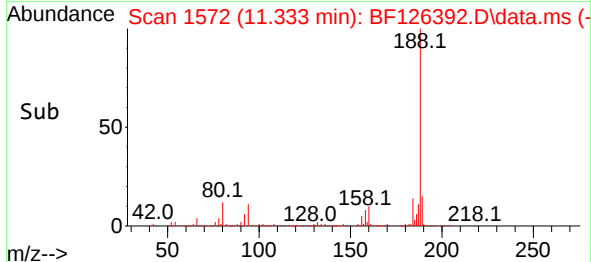
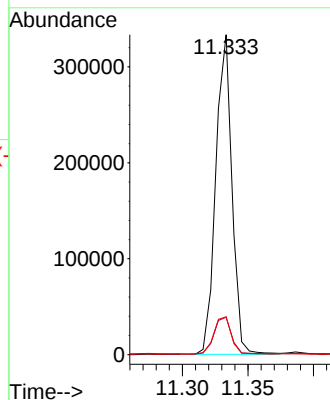
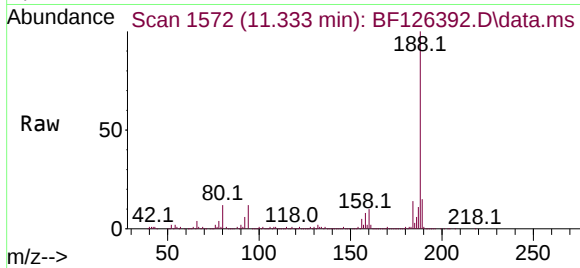




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

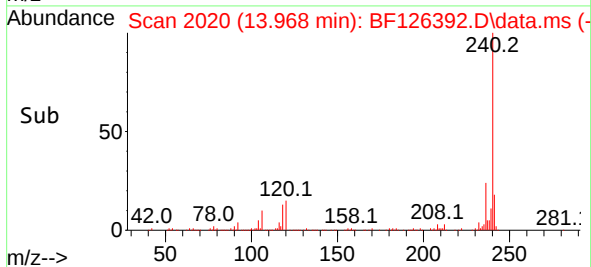
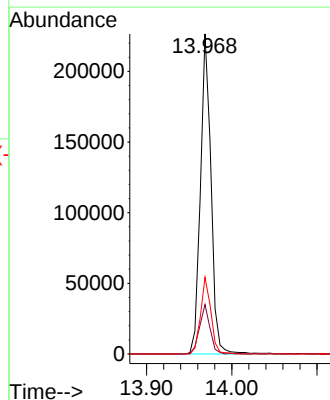
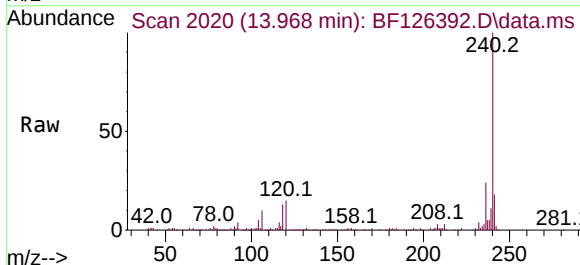
Instrument :
BNA_F
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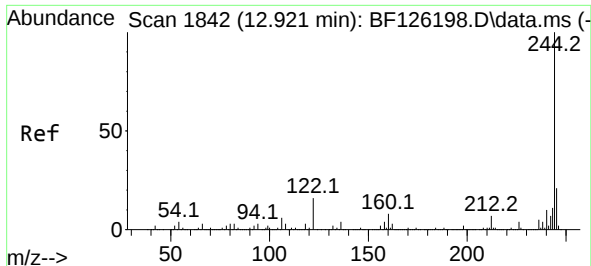
Tgt Ion:188 Resp: 285779
Ion Ratio Lower Upper
188 100
94 11.7 6.7 10.1#
80 11.8 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Tgt Ion:240 Resp: 194924
Ion Ratio Lower Upper
240 100
120 15.4 10.8 16.2
236 23.9 21.6 32.4

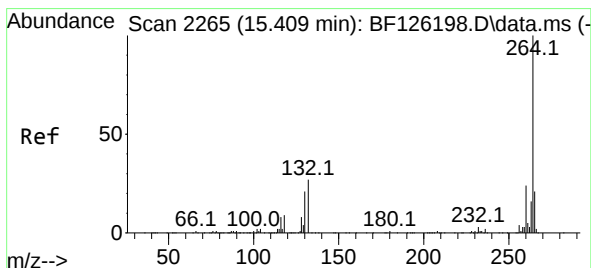
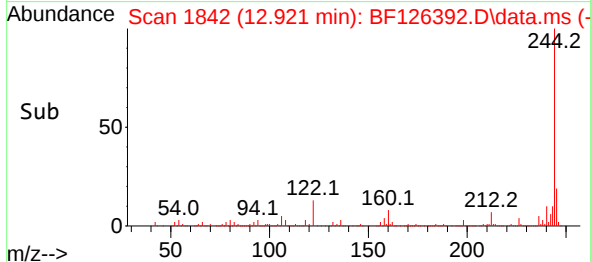
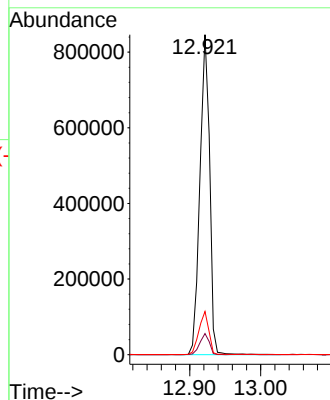
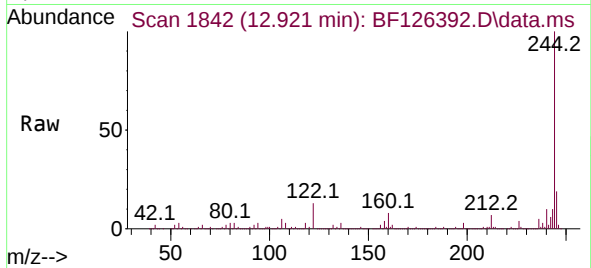




#79
 Terphenyl-d14
 Concen: 72.058 ng
 RT: 12.921 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126392.D
 Acq: 28 Dec 2021 20:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion:244 Resp: 808102
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 13.5 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.012 min
 Lab File: BF126392.D
 Acq: 28 Dec 2021 20:52

Tgt Ion:264 Resp: 162995
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.0 17.2 25.8

