

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125048.D
 Acq On : 11 Aug 2021 00:57
 Operator : JU/CG
 Sample : M3291-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 11 04:17:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

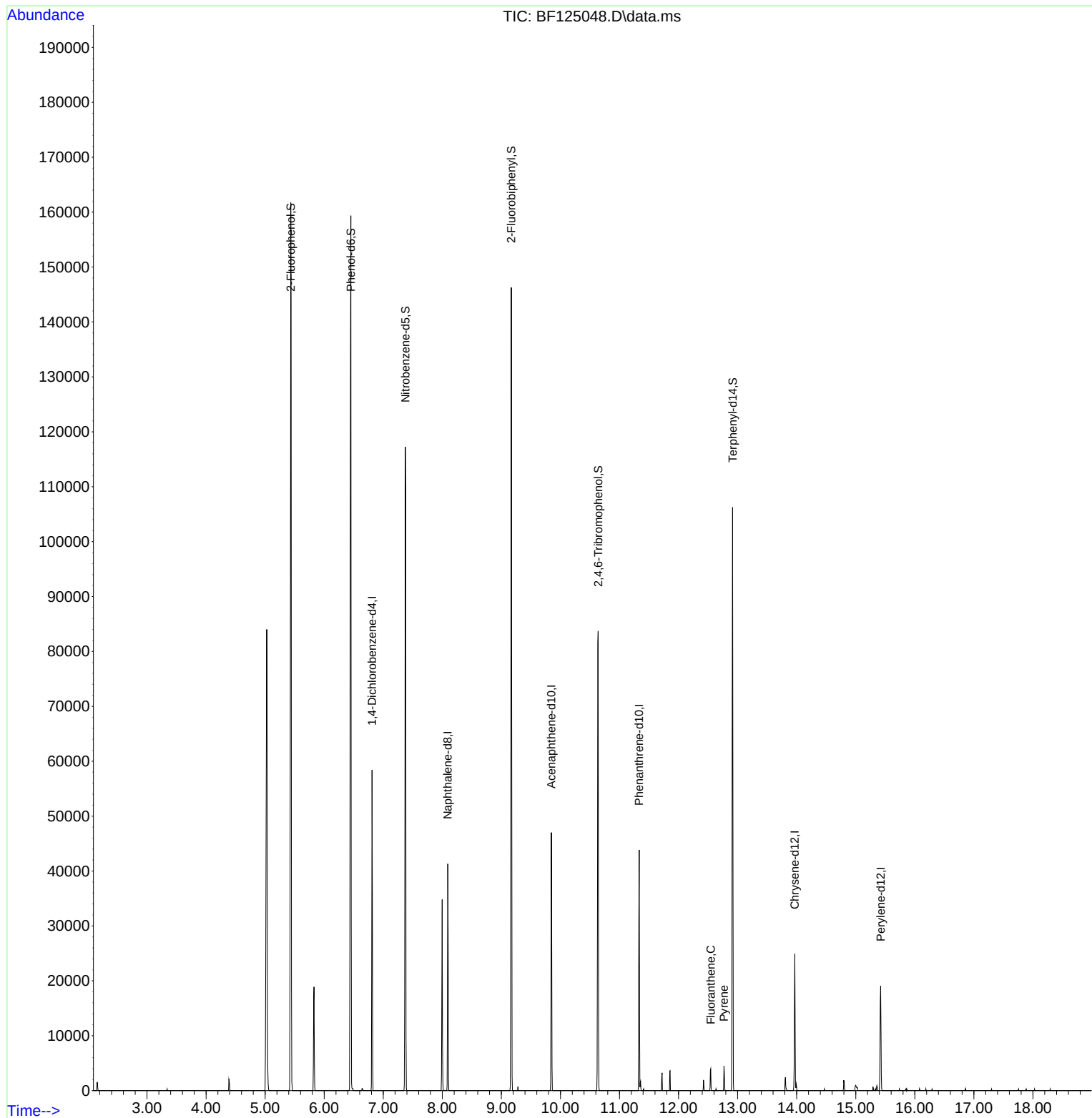
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	7680	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	15754	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	9394	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	15236	20.000	ng	0.00
76) Chrysene-d12	13.968	240	9184	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	10172	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	44294	94.477	ng	0.00
7) Phenol-d6	6.451	99	51644	87.360	ng	0.00
23) Nitrobenzene-d5	7.375	82	36473	121.112	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	9221	109.871	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	37353	58.182	ng	0.00
79) Terphenyl-d14	12.916	244	32946	60.512	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.545	202	2168	2.536	ng	86
78) Pyrene	12.768	202	2165	2.993	ng	94

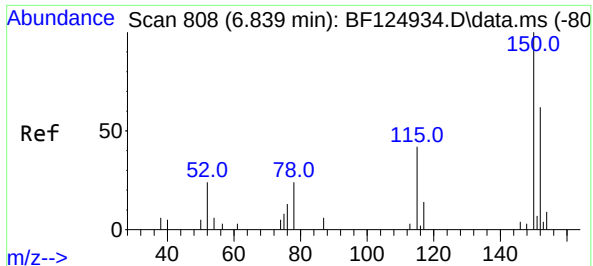
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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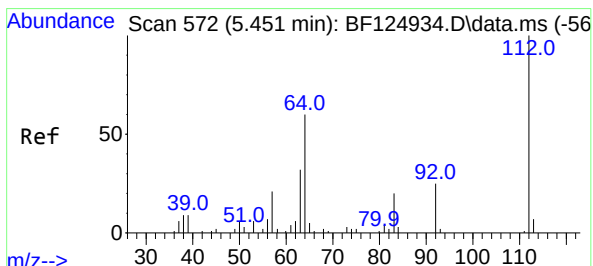
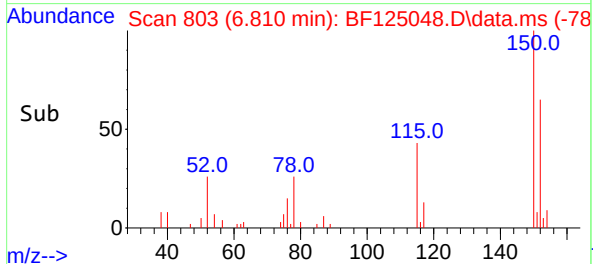
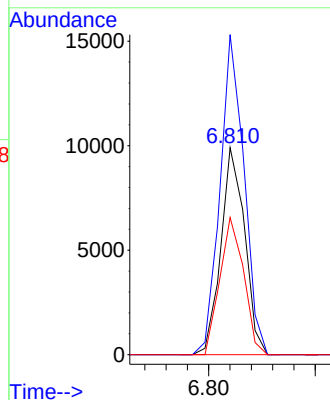
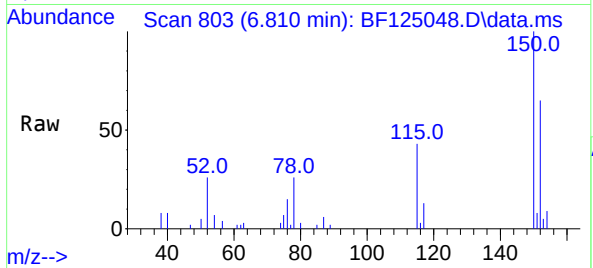




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

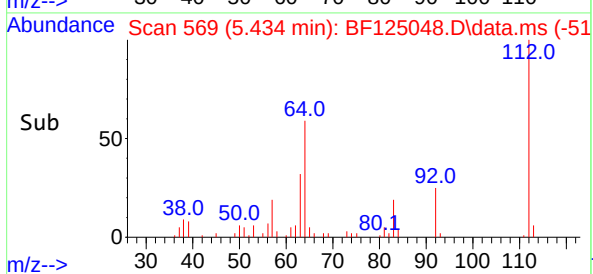
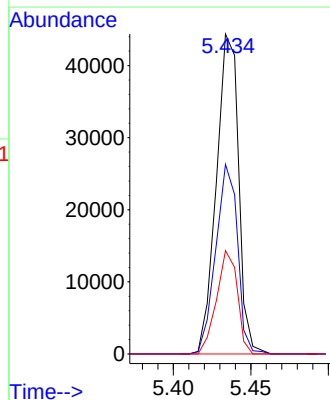
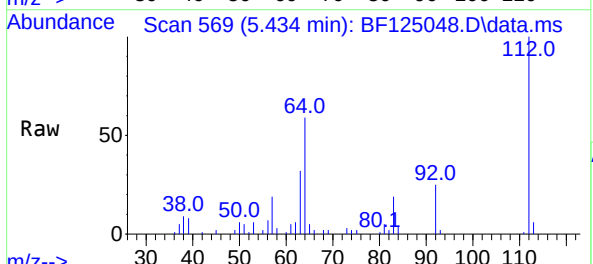
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 7680
Ion Ratio Lower Upper
152 100
150 154.5 117.6 176.4
115 66.2 47.1 70.7

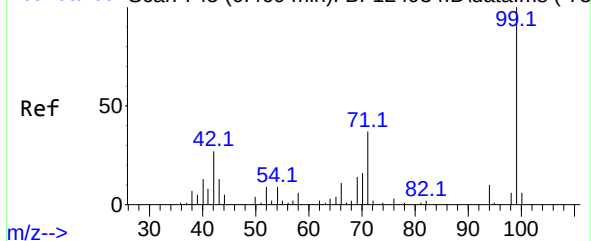


#5
2-Fluorophenol
Concen: 94.477 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

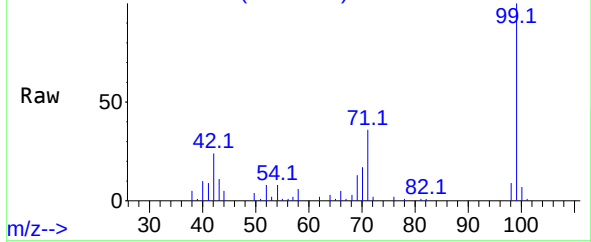
Tgt Ion:112 Resp: 44294
Ion Ratio Lower Upper
112 100
64 59.2 44.2 66.2
63 32.3 26.2 39.2



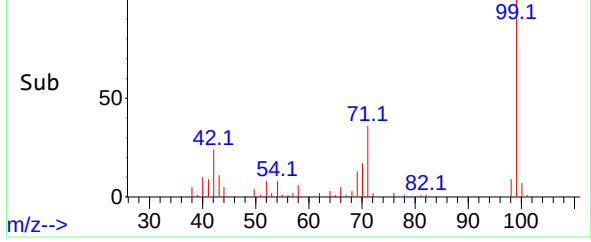
Abundance Scan 745 (6.469 min): BF124934.D\data.ms (-73



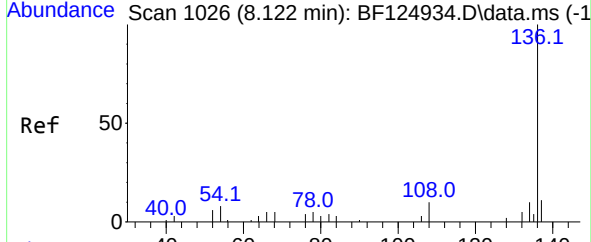
m/z--> Scan 742 (6.451 min): BF125048.D\data.ms



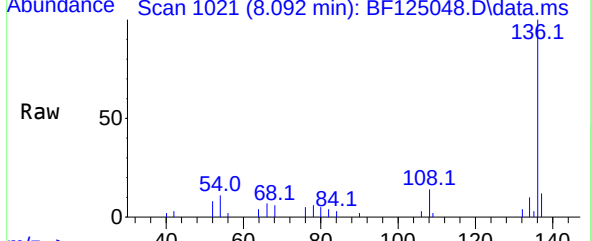
Abundance Scan 742 (6.451 min): BF125048.D\data.ms (-69



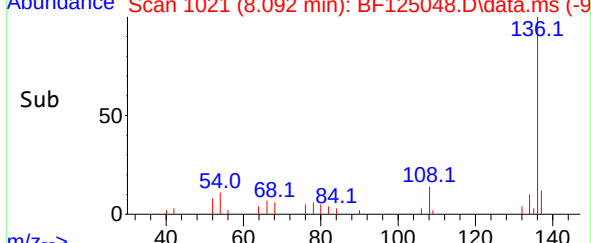
m/z--> Scan 1026 (8.122 min): BF124934.D\data.ms (-1



m/z--> Scan 1021 (8.092 min): BF125048.D\data.ms



Abundance Scan 1021 (8.092 min): BF125048.D\data.ms (-9



m/z-->

#7

Phenol-d6

Concen: 87.360 ng

RT: 6.451 min Scan# 742

Delta R.T. -0.000 min

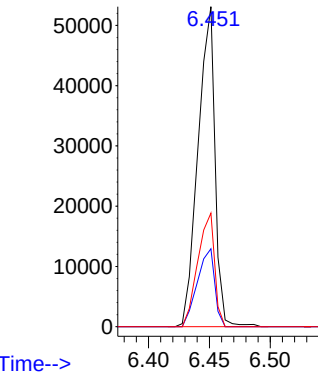
Lab File: BF125048.D

Acq: 11 Aug 2021 00:57

Tgt Ion: 99 Resp: 51644

Ion	Ratio	Lower	Upper
99	100		
42	24.3	23.5	35.3
71	35.5	25.6	38.4

Abundance



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.006 min

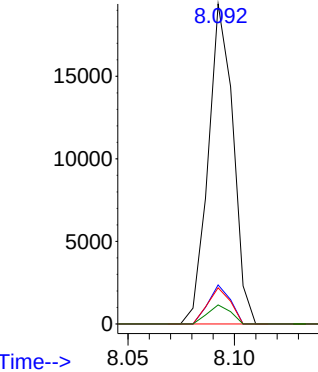
Lab File: BF125048.D

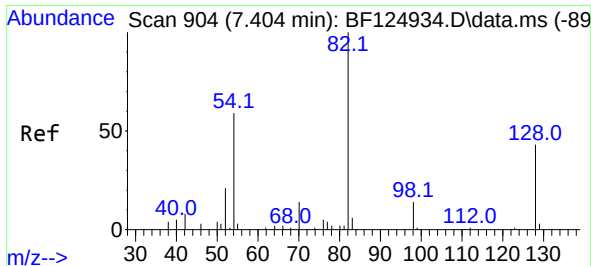
Acq: 11 Aug 2021 00:57

Tgt Ion: 136 Resp: 15754

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.8	14.6
54	11.3	6.4	9.6#
68	6.0	3.3	4.9#

Abundance





#23

Nitrobenzene-d5

Concen: 121.112 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF125048.D

Acq: 11 Aug 2021 00:57

Tgt Ion: 82 Resp: 36473

Ion Ratio Lower Upper

82 100

128 42.8 40.6 60.8

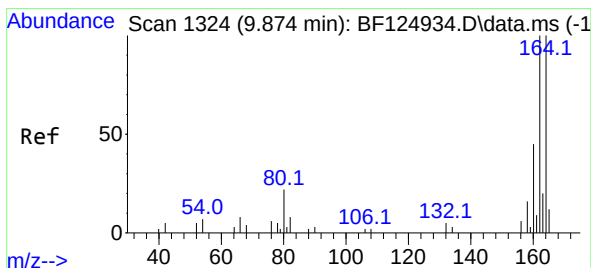
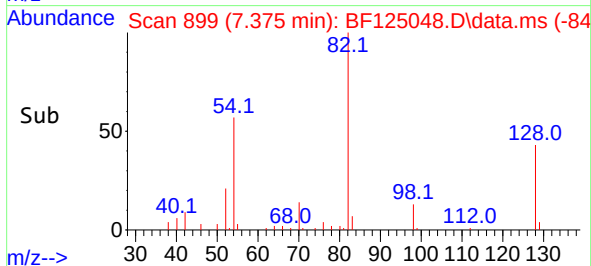
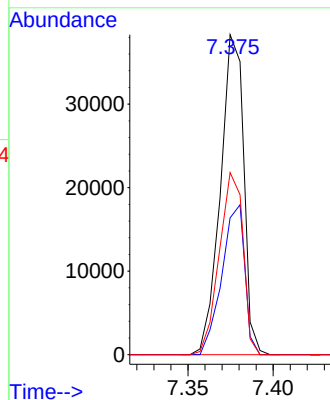
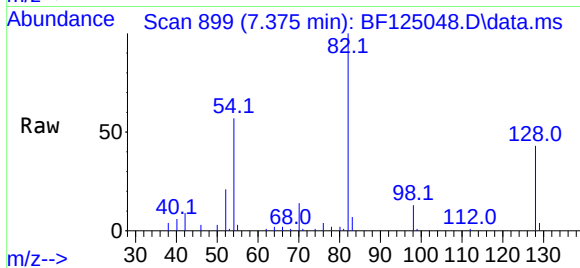
54 56.9 49.6 74.4

Instrument :

BNA_F

ClientSampled :

WC-1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF125048.D

Acq: 11 Aug 2021 00:57

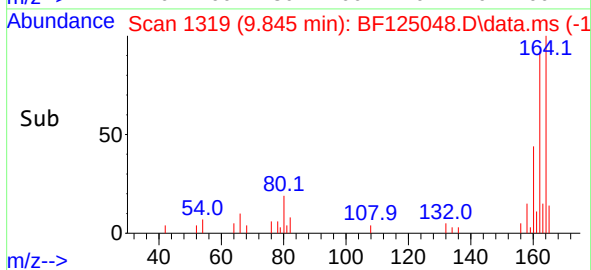
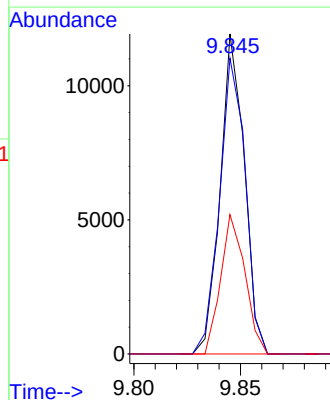
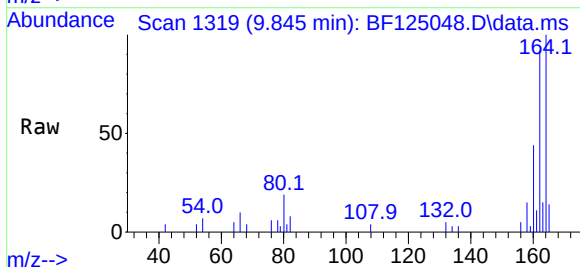
Tgt Ion:164 Resp: 9394

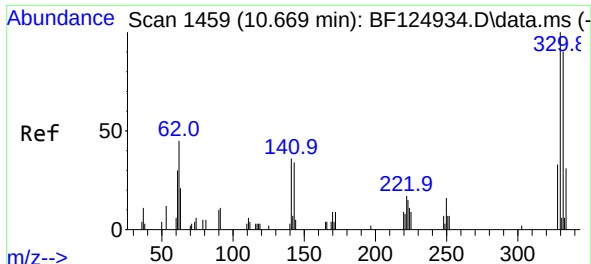
Ion Ratio Lower Upper

164 100

162 92.5 81.3 121.9

160 43.5 38.0 57.0

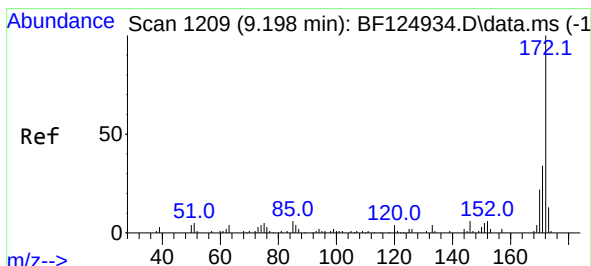
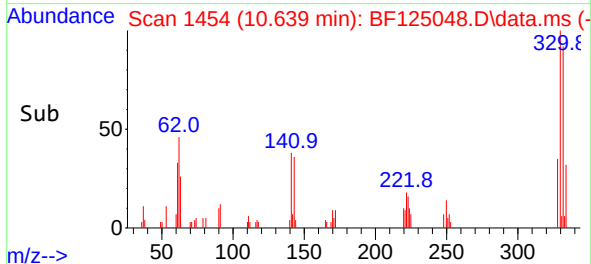
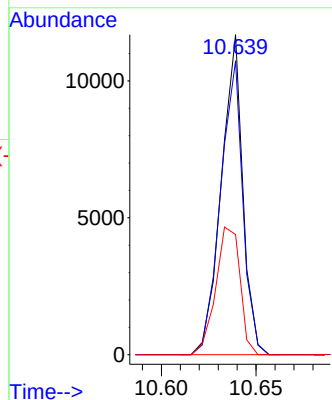
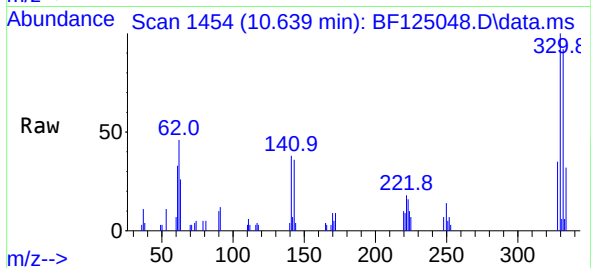




#42
2,4,6-Tribromophenol
Concen: 109.871 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

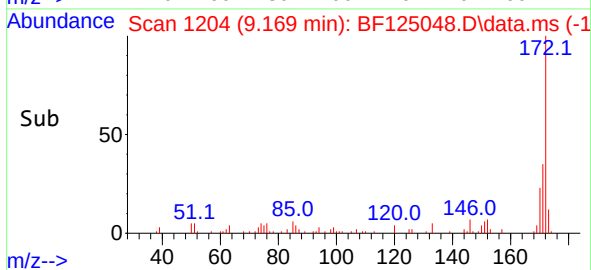
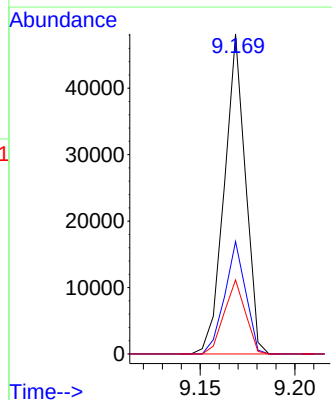
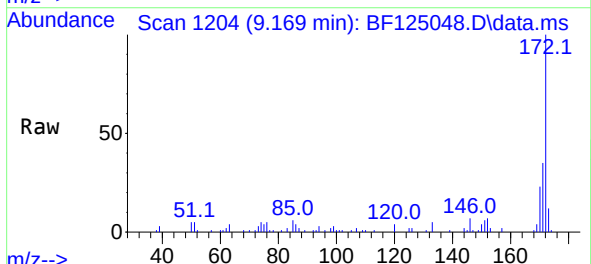
Instrument :
BNA_F
ClientSampled :
WC-1

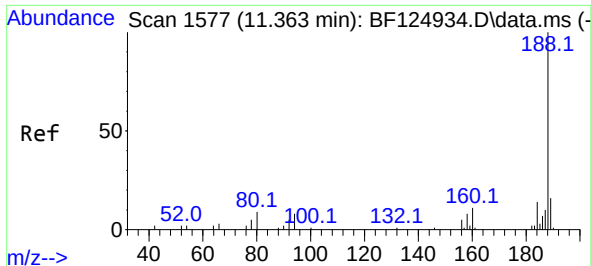
Tgt Ion:330 Resp: 9221
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 45.2 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 58.182 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

Tgt Ion:172 Resp: 37353
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.2 18.8 28.2

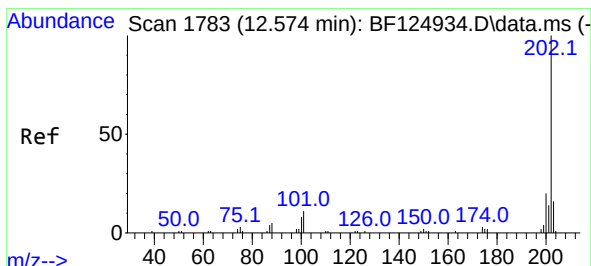
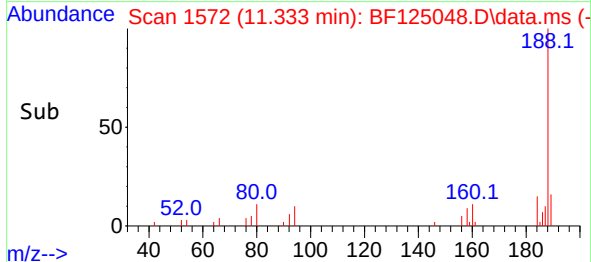
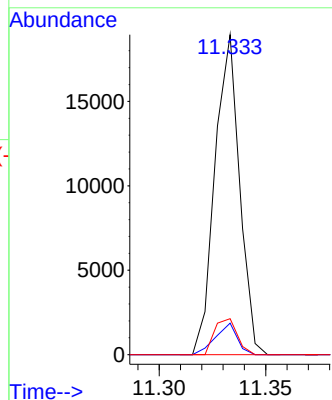
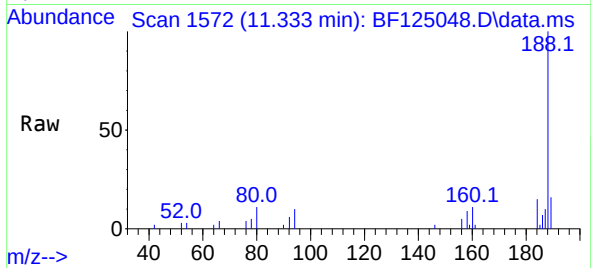




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

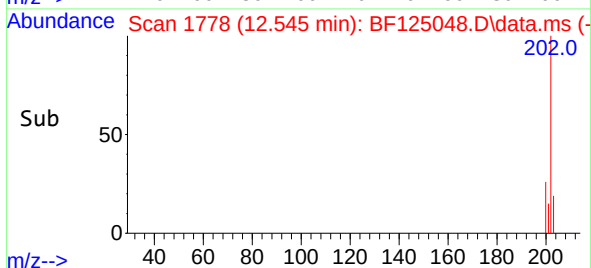
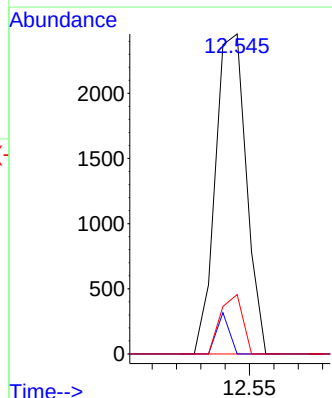
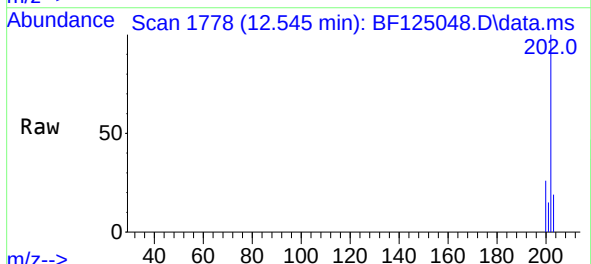
Instrument :
BNA_F
ClientSampled :
WC-1

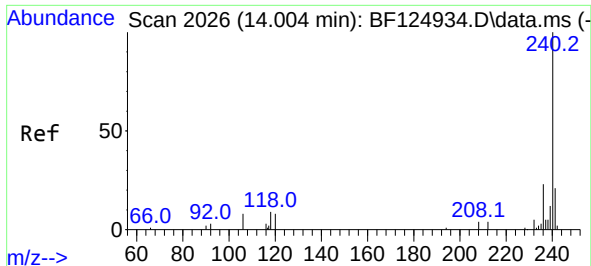
Tgt Ion:188 Resp: 15236
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 11.3 7.5 11.3



#75
Fluoranthene
Concen: 2.536 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

Tgt Ion:202 Resp: 2168
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.7
203 18.5 0.0 36.3

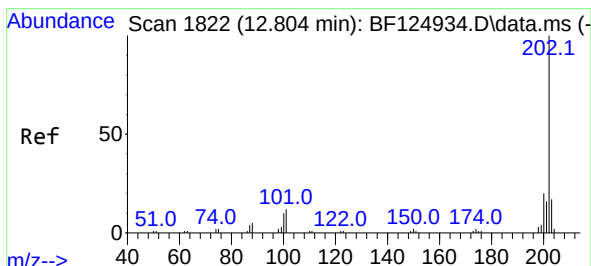
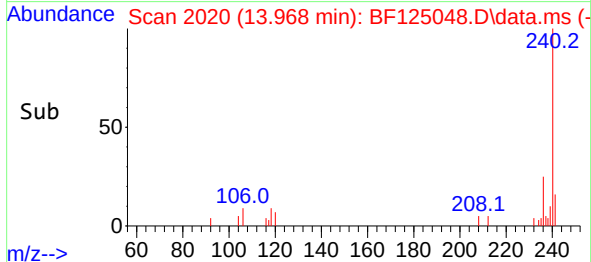
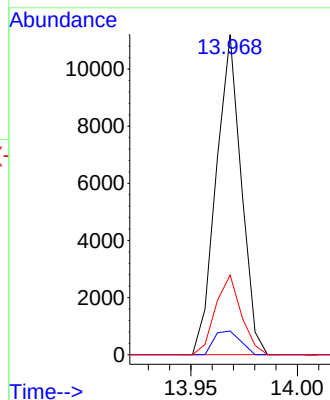
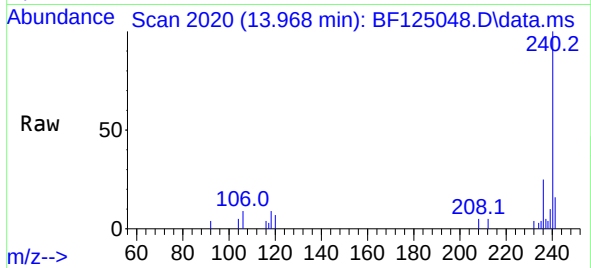




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

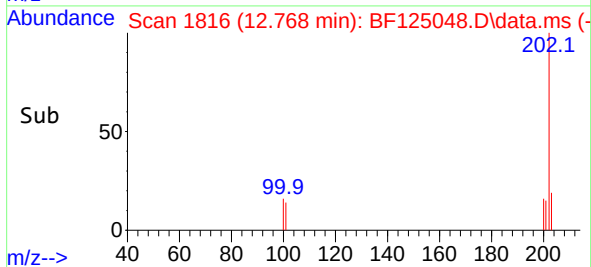
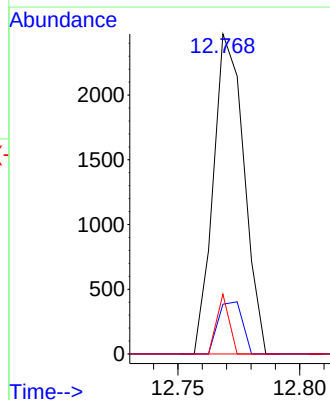
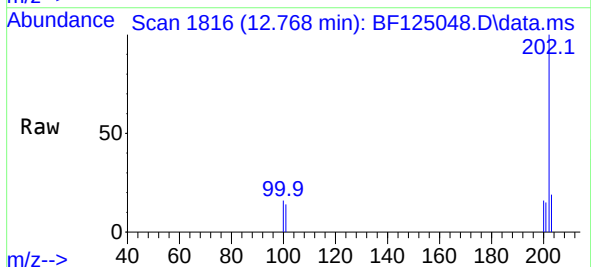
Instrument :
BNA_F
ClientSampled :
WC-1

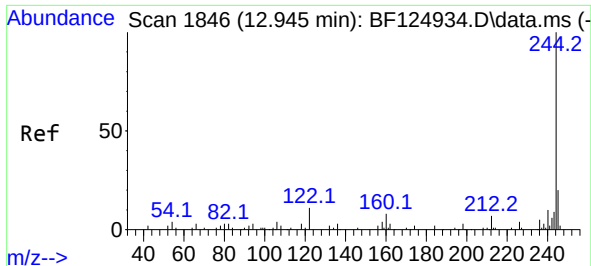
Tgt Ion:240 Resp: 9184
Ion Ratio Lower Upper
240 100
120 7.4 10.8 16.2#
236 24.9 21.6 32.4



#78
Pyrene
Concen: 2.993 ng
RT: 12.768 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

Tgt Ion:202 Resp: 2165
Ion Ratio Lower Upper
202 100
200 15.5 15.3 22.9
203 18.7 13.4 20.0

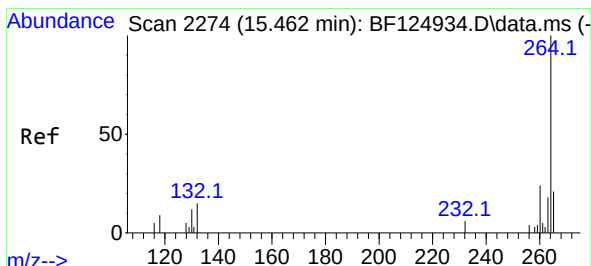
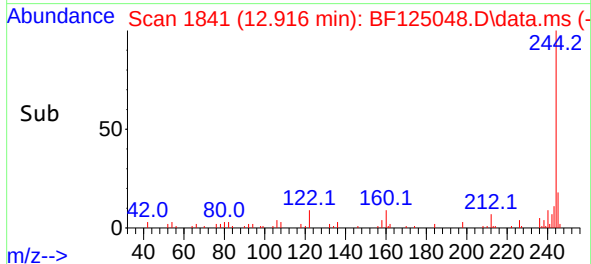
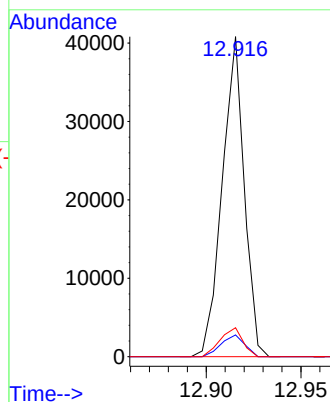
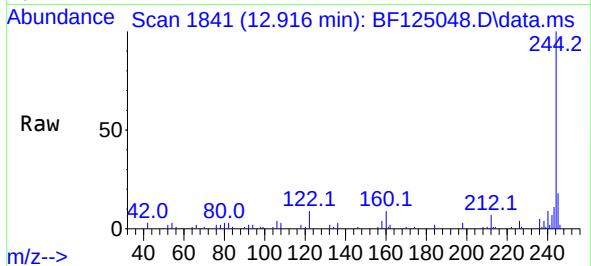




#79
Terphenyl-d14
Concen: 60.512 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

Instrument :
BNA_F
ClientSampled :
WC-1

Tgt Ion:244	Resp:	32946
Ion Ratio	Lower	Upper
244	100	
212	6.8	5.9 8.9
122	9.1	9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

Tgt Ion:264	Resp:	10172
Ion Ratio	Lower	Upper
264	100	
260	22.3	19.6 29.4
265	16.7	17.2 25.8#

