

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
 Data File : BF125792.D
 Acq On : 8 Oct 2021 20:20
 Operator : JU/CG
 Sample : M4145-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SO-DRUM-7-100721

Quant Time: Oct 09 01:05:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 17:16:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	220802	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	896440	20.00	ng	# 0.00
39) Acenaphthene-d10	9.874	164	475040	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	784921	20.00	ng	# 0.00
76) Chrysene-d12	13.986	240	451299	20.00	ng	0.00
86) Perylene-d12	15.439	264	453308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1696625	125.53	ng	0.01
7) Phenol-d6	6.469	99	1940993	111.55	ng	0.00
23) Nitrobenzene-d5	7.404	82	1281095	88.83	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	620258	132.25	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2423482	87.99	ng	0.00
79) Terphenyl-d14	12.945	244	2419209	81.65	ng	0.00

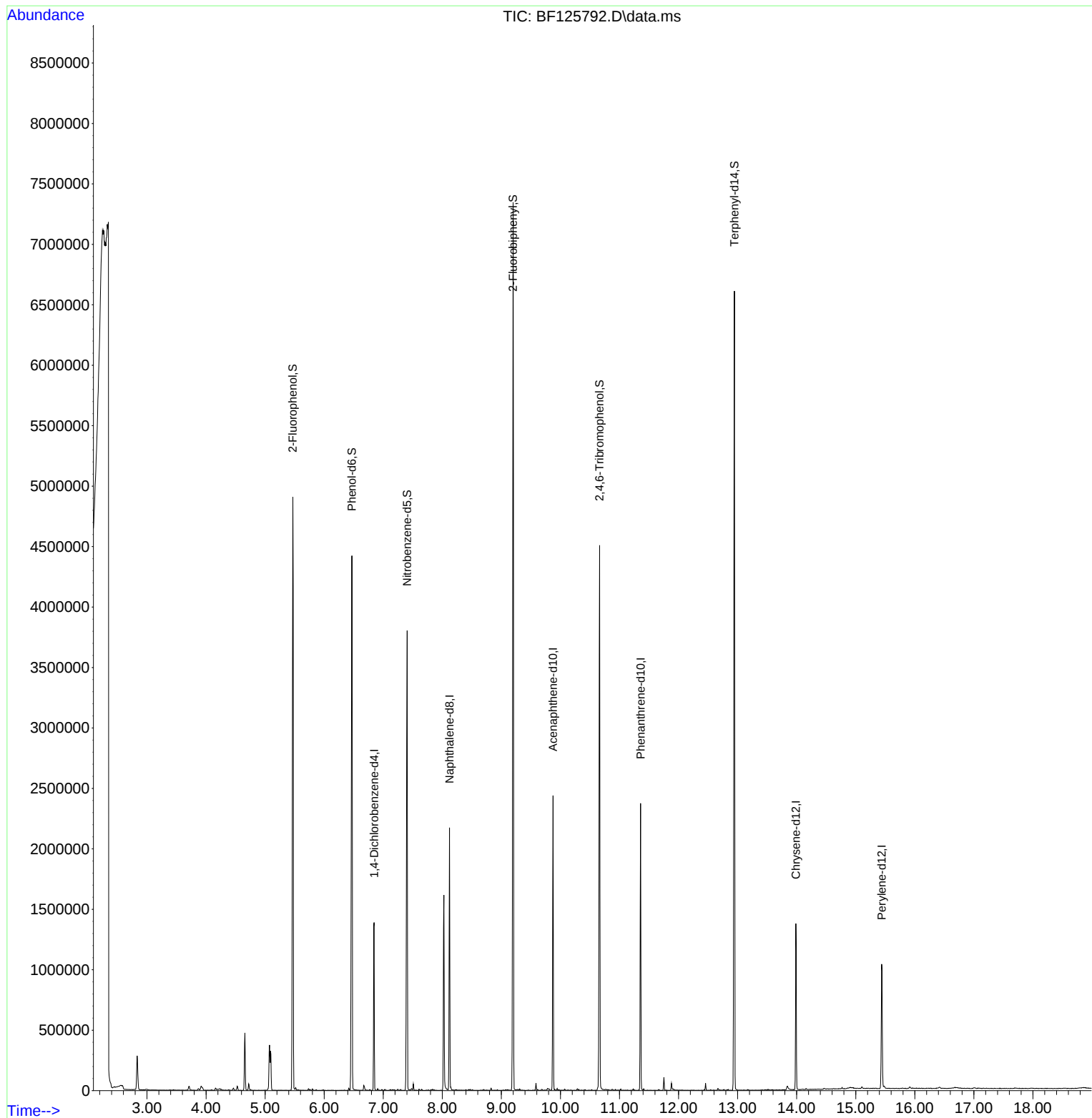
Target Compounds	Qvalue

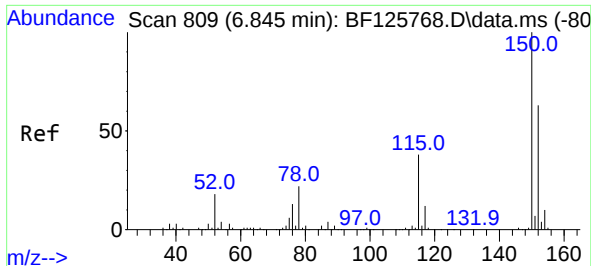
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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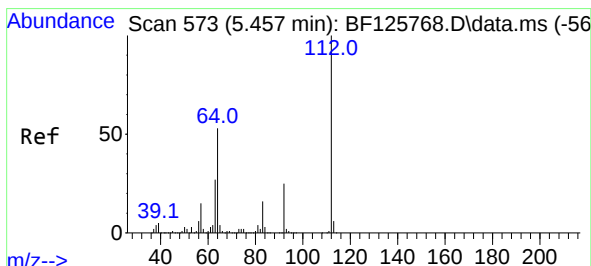
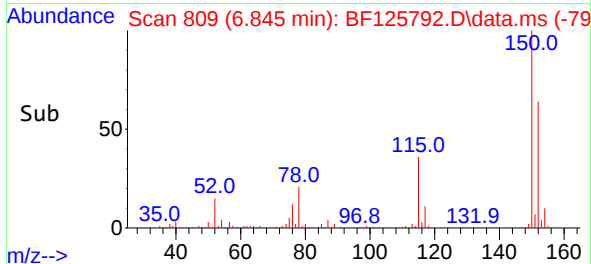
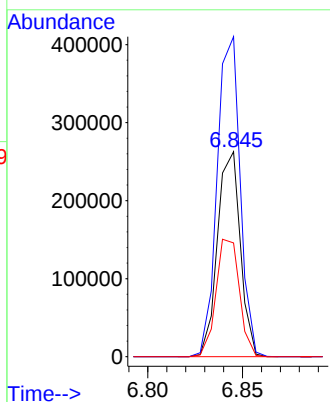
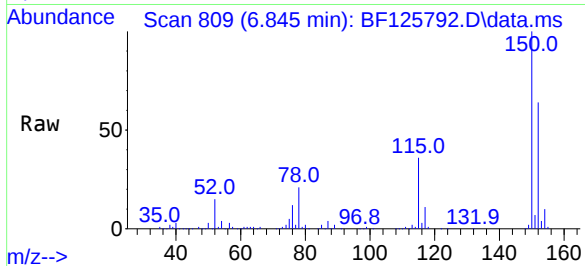




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

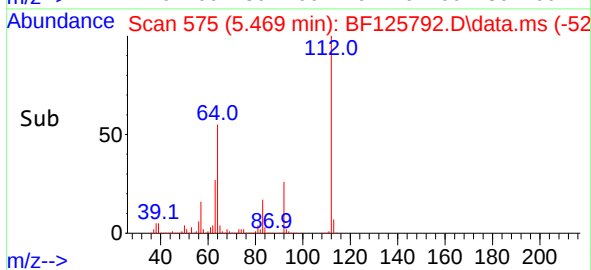
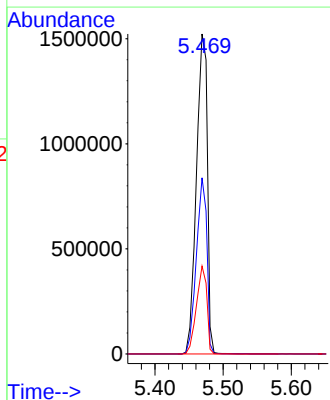
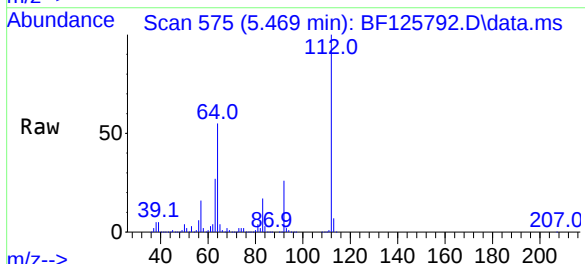
Instrument :
BNA_F
ClientSampleId :
IDW-SO-DRUM-7-100721

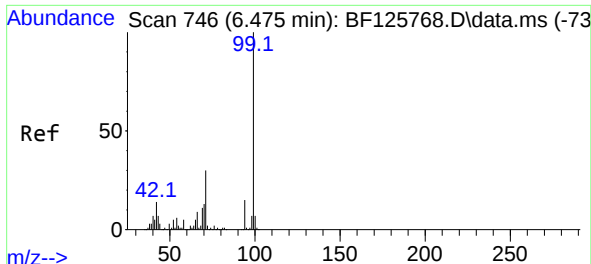
Tgt Ion:152 Resp: 220802
Ion Ratio Lower Upper
152 100
150 156.1 117.6 176.4
115 55.5 47.1 70.7



#5
2-Fluorophenol
Concen: 125.53 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

Tgt Ion:112 Resp: 1696625
Ion Ratio Lower Upper
112 100
64 55.0 44.2 66.2
63 27.5 26.2 39.2

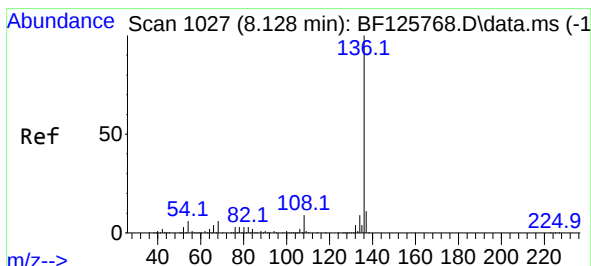
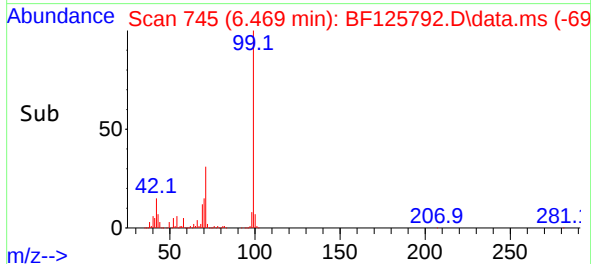
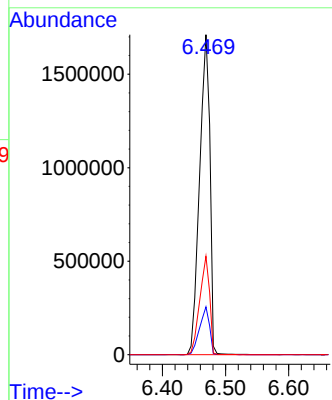
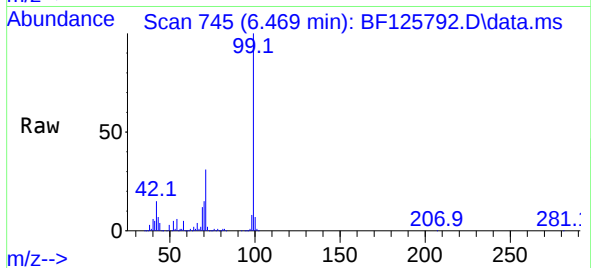




#7
Phenol-d6
Concen: 111.55 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

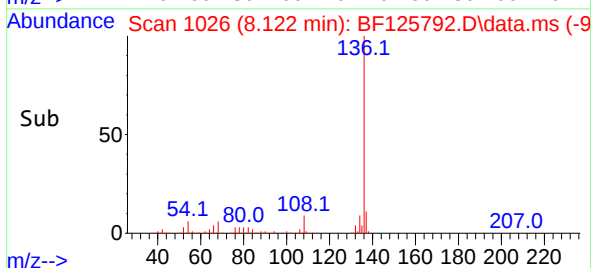
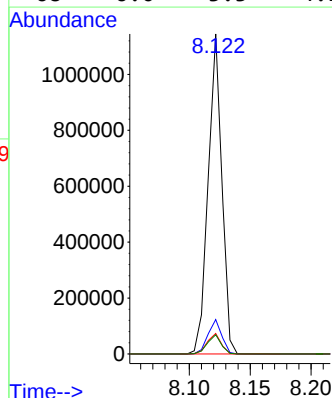
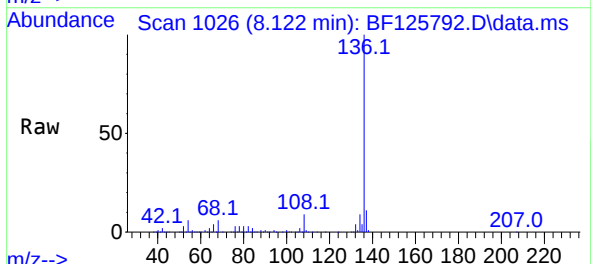
Instrument :
BNA_F
ClientSampleId :
IDW-SO-DRUM-7-100721

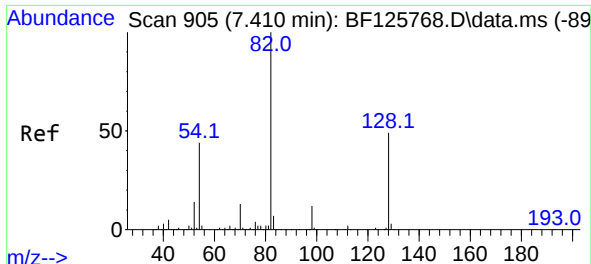
Tgt Ion: 99 Resp: 1940993
Ion Ratio Lower Upper
99 100
42 14.9 23.5 35.3#
71 30.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

Tgt Ion: 136 Resp: 896440
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 6.4 6.4 9.6#
68 6.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 88.83 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF125792.D

Acq: 8 Oct 2021 20:20

Instrument :

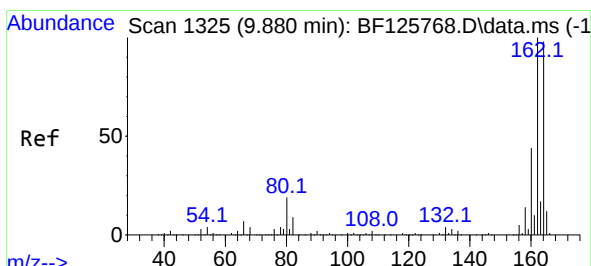
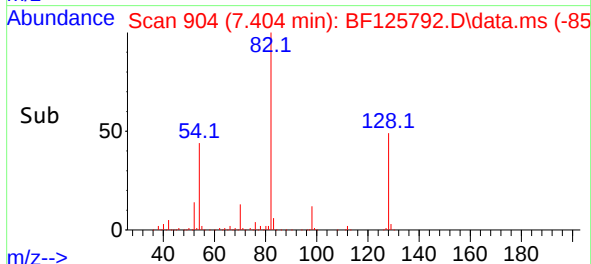
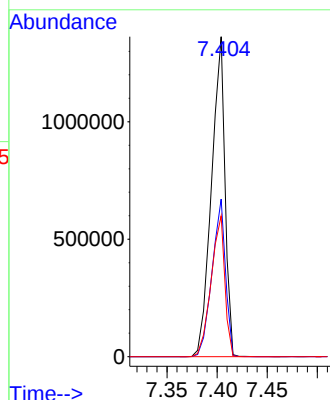
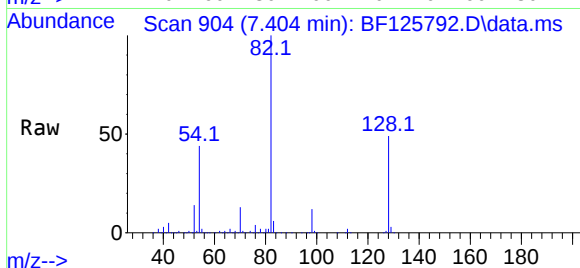
BNA_F

ClientSampleId :

IDW-SO-DRUM-7-100721

Tgt Ion: 82 Resp: 1281095

Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.6	60.8
54	44.0	49.6	74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.874 min Scan# 1324

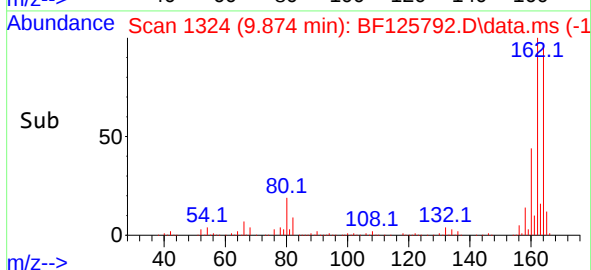
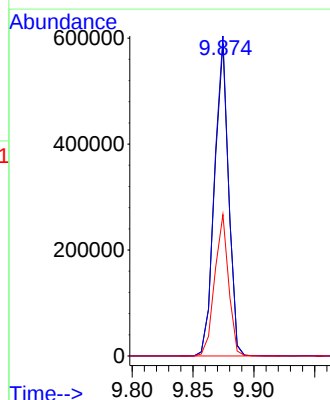
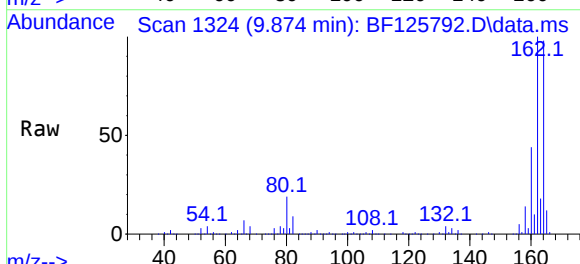
Delta R.T. -0.006 min

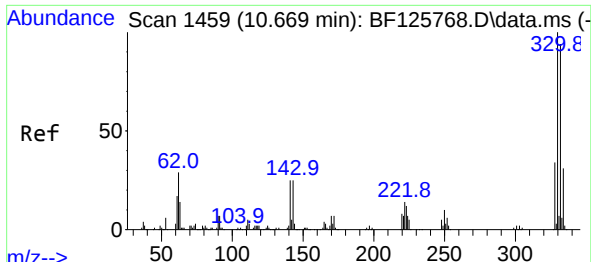
Lab File: BF125792.D

Acq: 8 Oct 2021 20:20

Tgt Ion:164 Resp: 475040

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.3	121.9
160	45.3	38.0	57.0

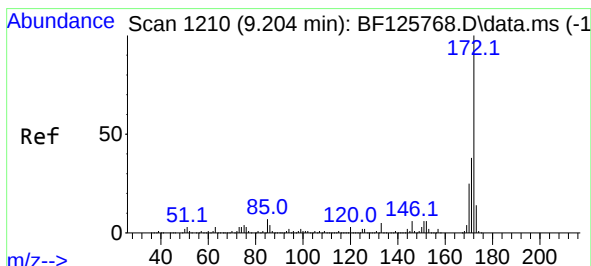
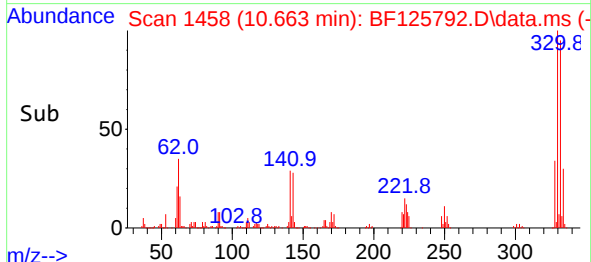
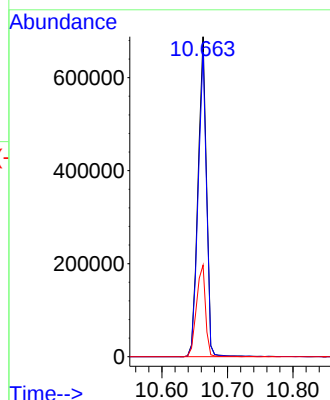
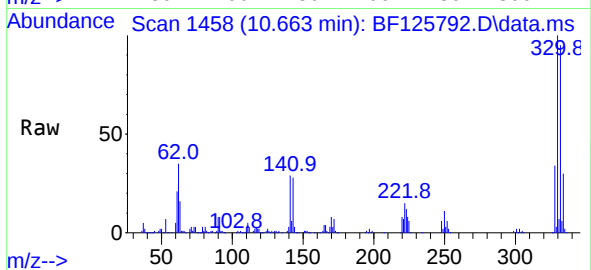




#42
2,4,6-Tribromophenol
Concen: 132.25 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

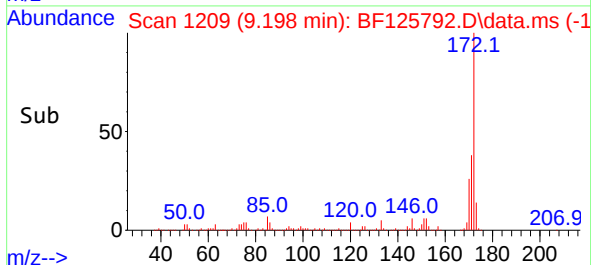
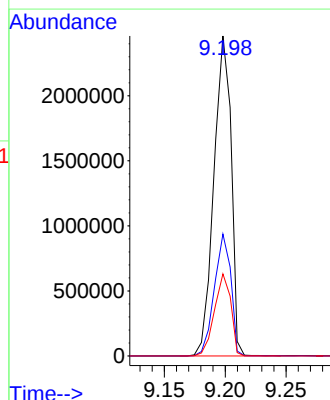
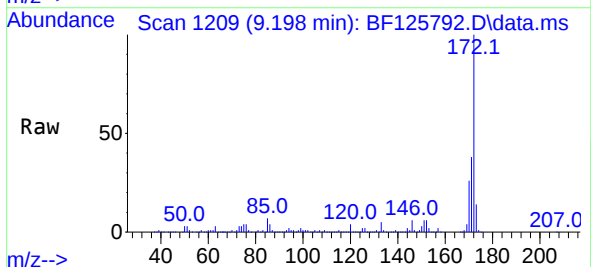
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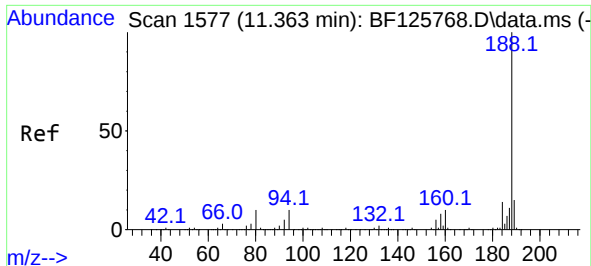
Tgt Ion:330 Resp: 620258
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 30.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 87.99 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

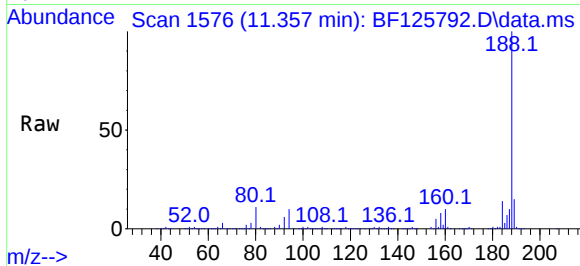
Tgt Ion:172 Resp: 2423482
Ion Ratio Lower Upper
172 100
171 38.1 26.5 39.7
170 25.7 18.8 28.2



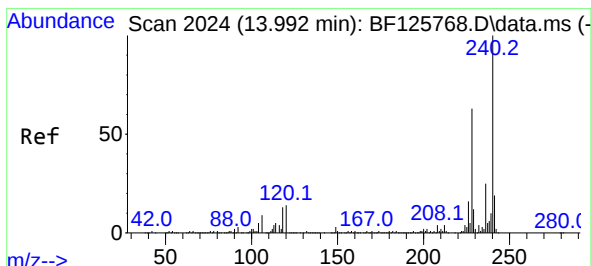
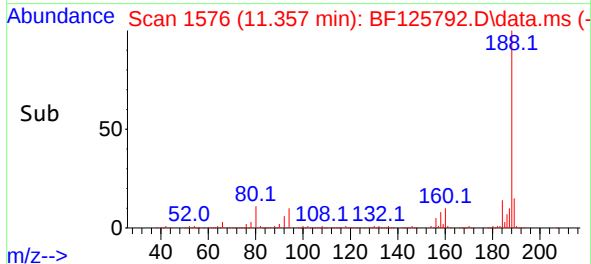
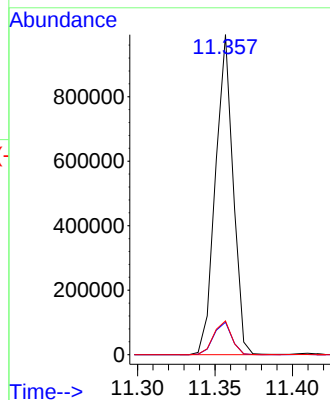


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

Instrument :
BNA_F
ClientSampleId :
IDW-SO-DRUM-7-100721

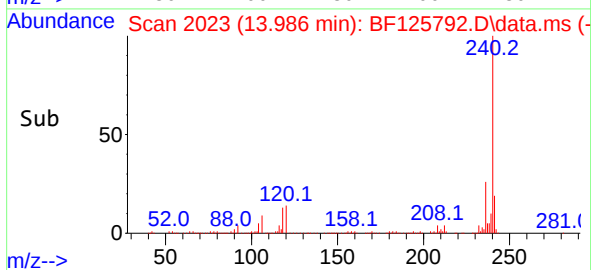
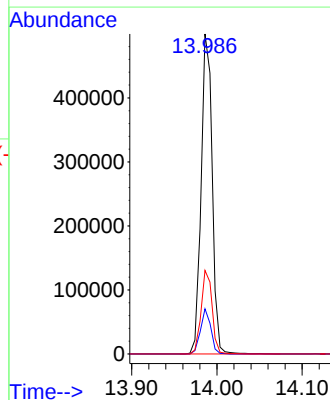
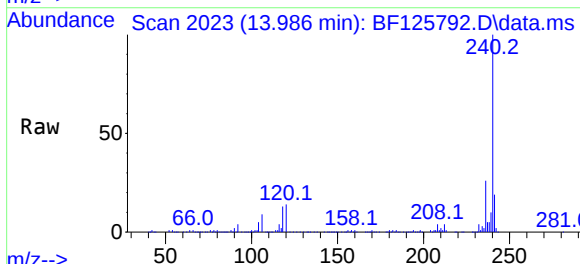


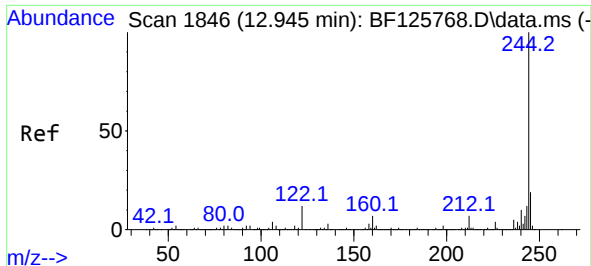
Tgt Ion:188 Resp: 784921
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.5 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

Tgt Ion:240 Resp: 451299
Ion Ratio Lower Upper
240 100
120 14.1 10.8 16.2
236 26.1 21.6 32.4

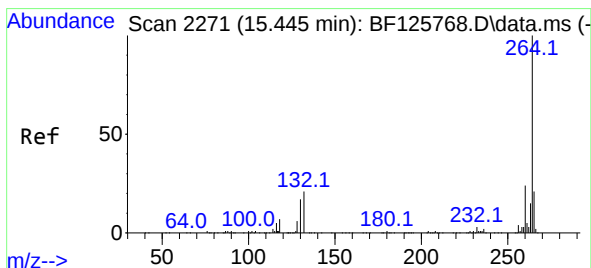
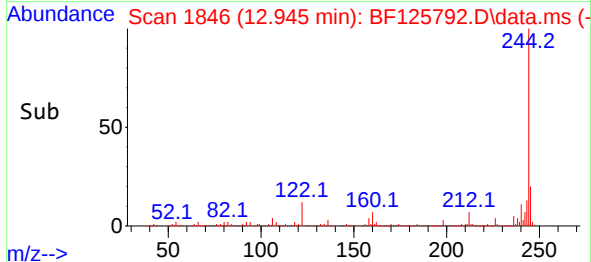
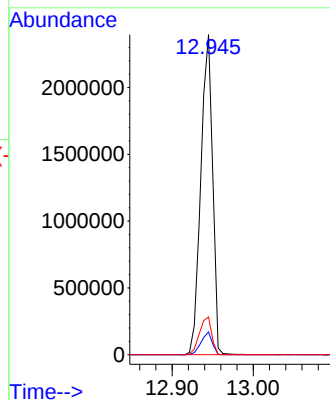
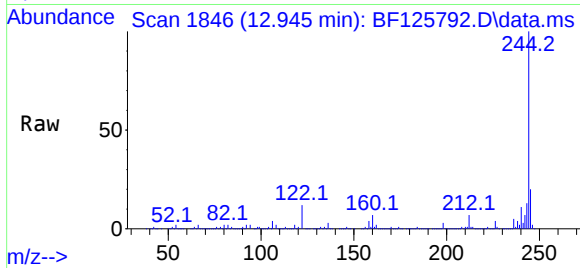




#79
Terphenyl-d14
Concen: 81.65 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

Instrument :
BNA_F
ClientSampleId :
IDW-SO-DRUM-7-100721

Tgt Ion:244 Resp: 2419209
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 11.8 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

Tgt Ion:264 Resp: 453308
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 20.6 17.2 25.8

