

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
 Data File : BF125782.D
 Acq On : 8 Oct 2021 14:52
 Operator : JU/CG
 Sample : M4112-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-SLAB

Quant Time: Oct 08 15:49:25 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)

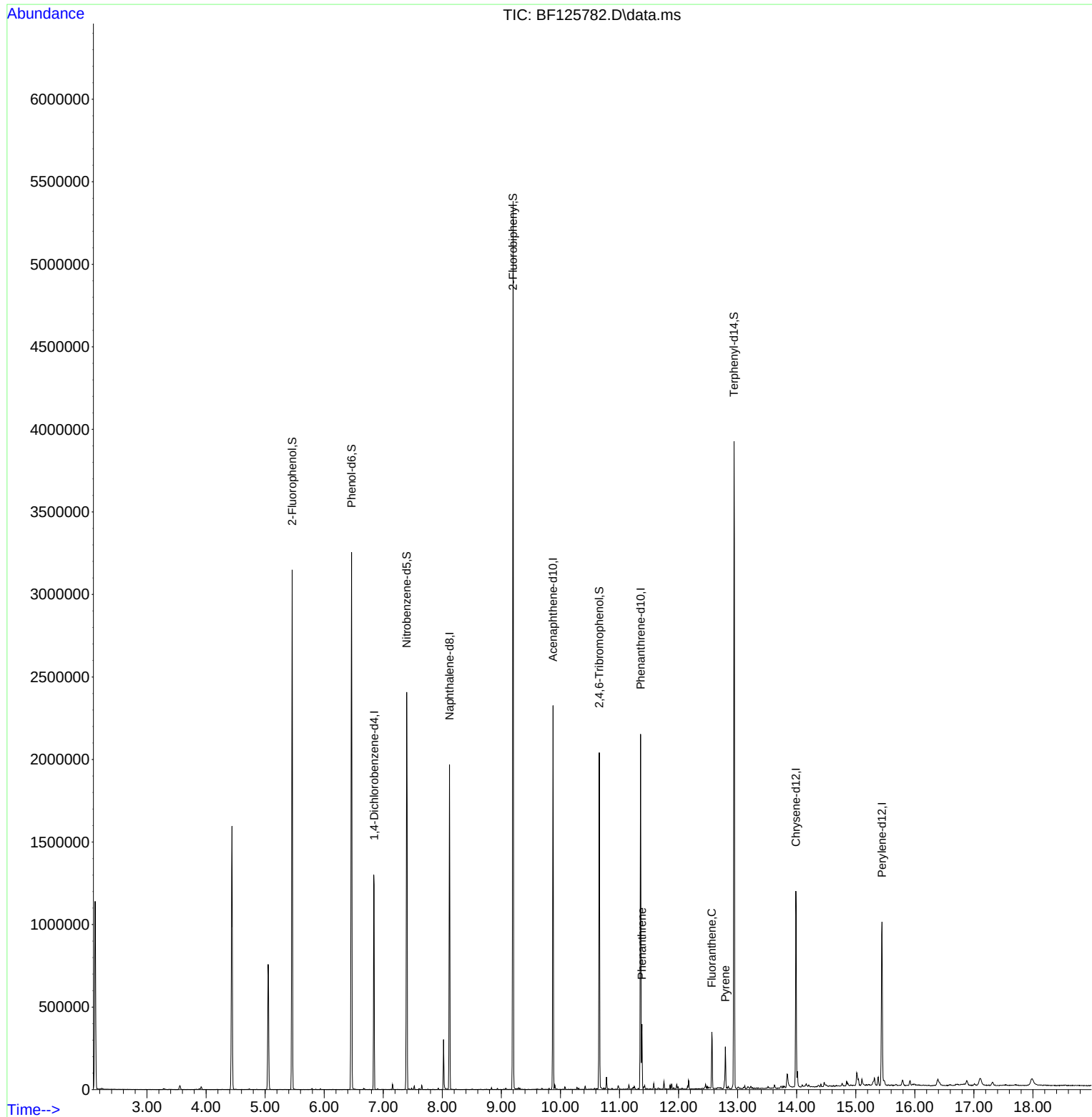
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	203881	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	837556	20.00	ng	# 0.00
39) Acenaphthene-d10	9.874	164	430085	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	710015	20.00	ng	0.00
76) Chrysene-d12	13.986	240	383478	20.00	ng	0.00
86) Perylene-d12	15.445	264	438683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	910674	72.97	ng	0.00
7) Phenol-d6	6.463	99	1221547	76.03	ng	-0.01
23) Nitrobenzene-d5	7.398	82	769852	57.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	229266	53.99	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1571279	63.01	ng	0.00
79) Terphenyl-d14	12.939	244	1362264	54.11	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.380	178	131667	3.47	ng	99
75) Fluoranthene	12.563	202	135164	3.94	ng	97
78) Pyrene	12.792	202	92043	2.36	ng	98

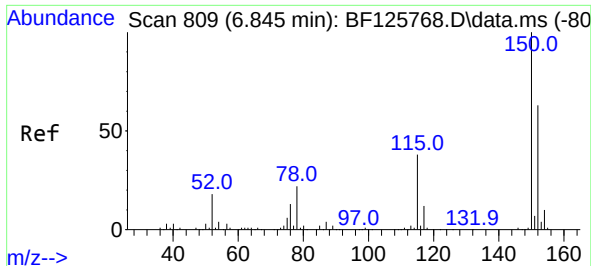
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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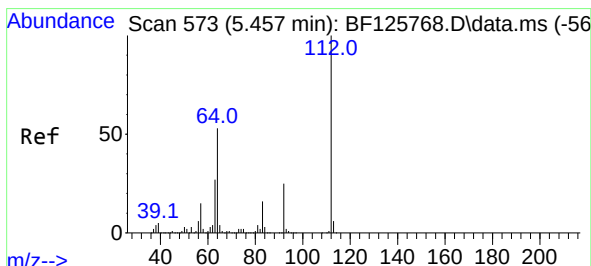
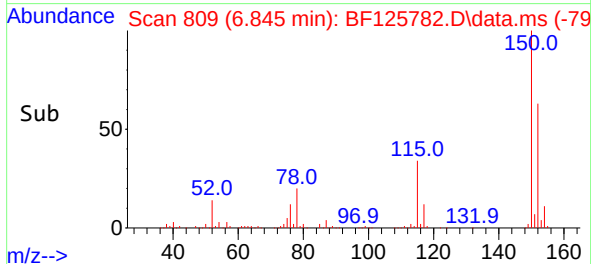
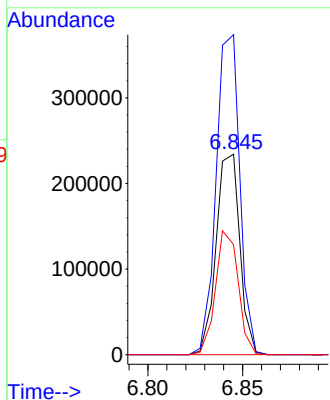
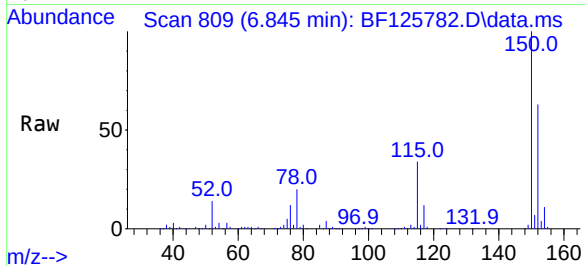




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125782.D
Acq: 8 Oct 2021 14:52

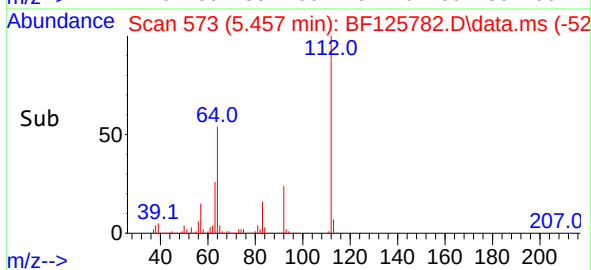
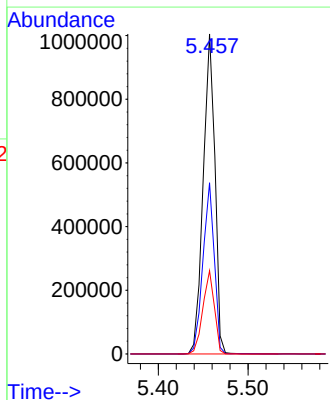
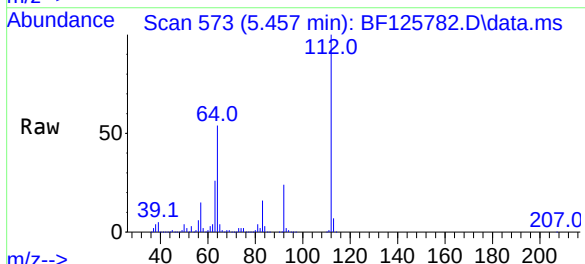
Instrument :
BNA_F
ClientSampleId :
2-SLAB

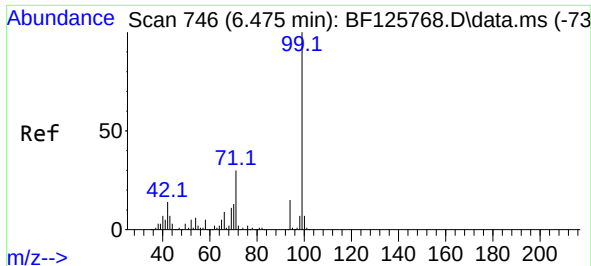
Tgt Ion:152 Resp: 203881
Ion Ratio Lower Upper
152 100
150 159.6 117.6 176.4
115 54.9 47.1 70.7



#5
2-Fluorophenol
Concen: 72.97 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF125782.D
Acq: 8 Oct 2021 14:52

Tgt Ion:112 Resp: 910674
Ion Ratio Lower Upper
112 100
64 53.5 44.2 66.2
63 26.0 26.2 39.2#

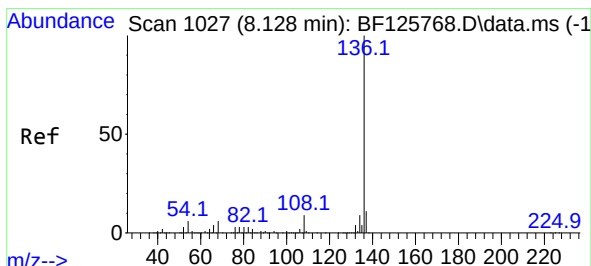
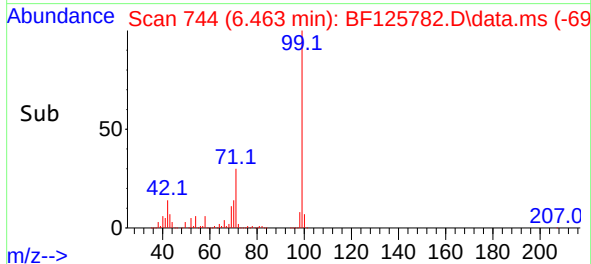
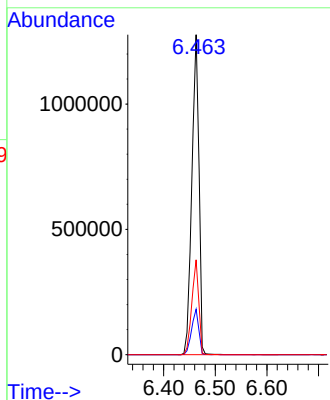
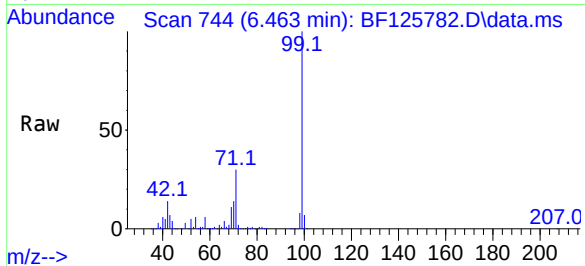




#7
Phenol-d6
Concen: 76.03 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125782.D
Acq: 8 Oct 2021 14:52

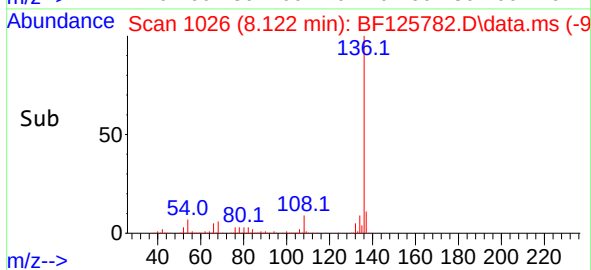
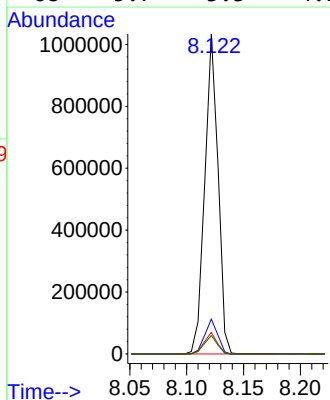
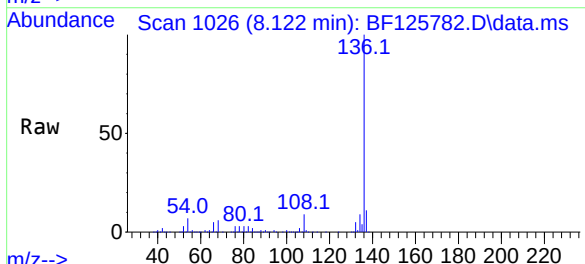
Instrument :
BNA_F
ClientSampleId :
2-SLAB

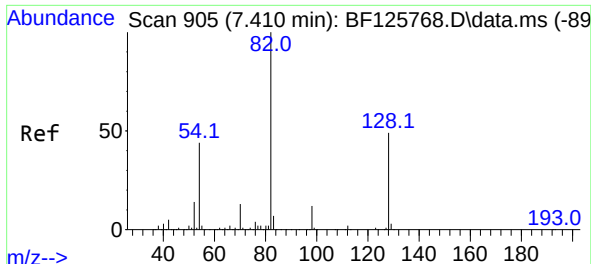
Tgt Ion: 99 Resp: 1221547
Ion Ratio Lower Upper
99 100
42 14.2 23.5 35.3#
71 29.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125782.D
Acq: 8 Oct 2021 14:52

Tgt Ion: 136 Resp: 837556
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 6.7 6.4 9.6
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 57.14 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF125782.D

Acq: 8 Oct 2021 14:52

Instrument :

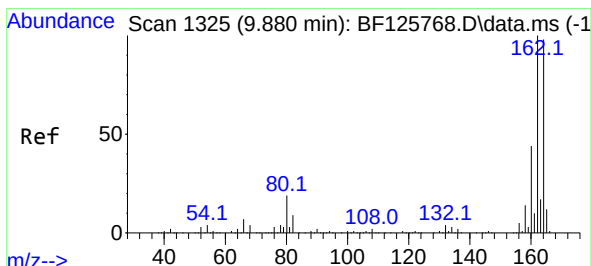
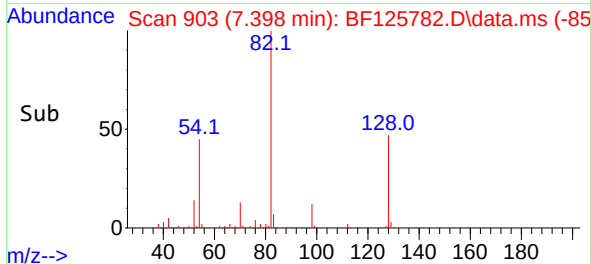
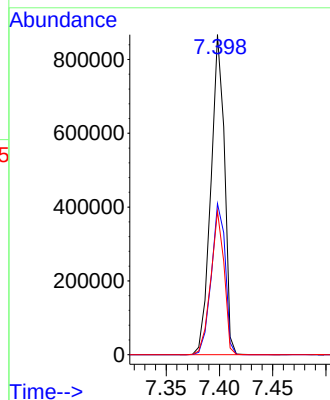
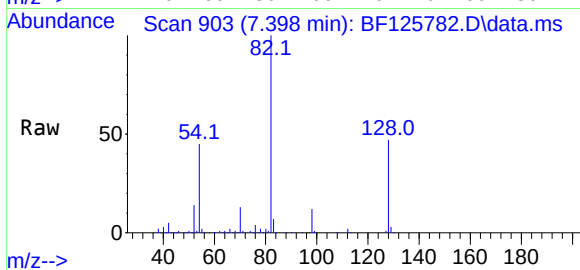
BNA_F

ClientSampleId :

2-SLAB

Tgt Ion: 82 Resp: 769852

Ion	Ratio	Lower	Upper
82	100		
128	47.2	40.6	60.8
54	44.8	49.6	74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.874 min Scan# 1324

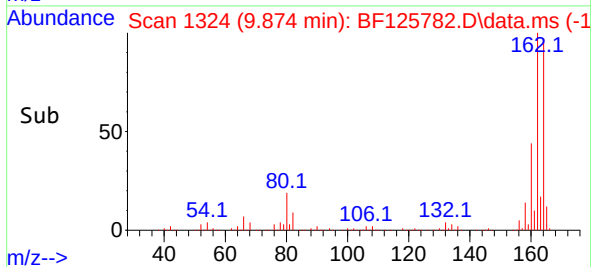
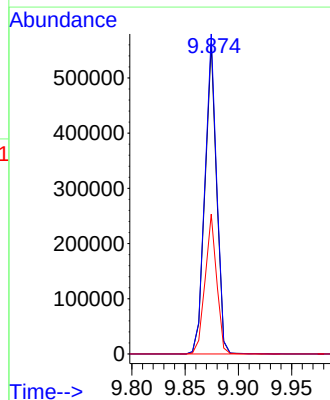
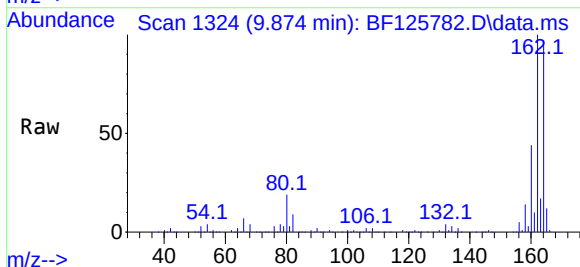
Delta R.T. -0.006 min

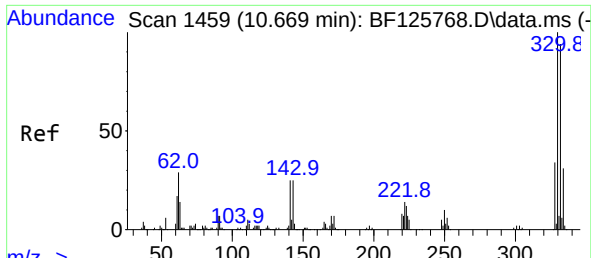
Lab File: BF125782.D

Acq: 8 Oct 2021 14:52

Tgt Ion: 164 Resp: 430085

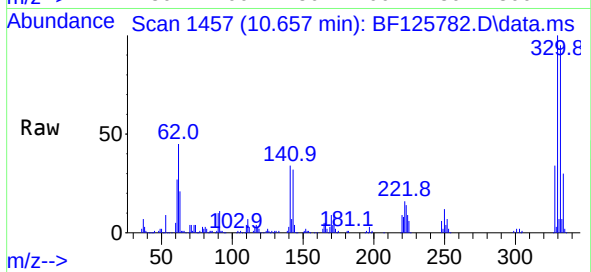
Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.3	121.9
160	45.0	38.0	57.0



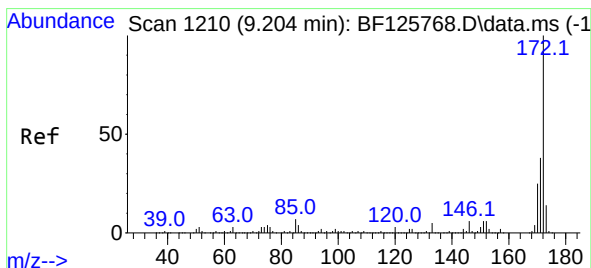
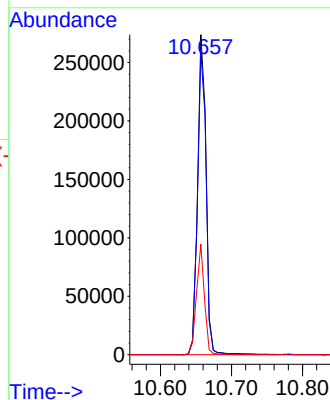
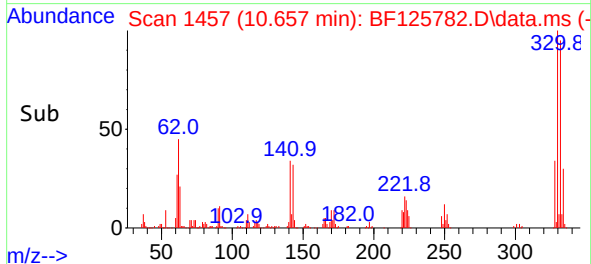


#42
2,4,6-Tribromophenol
Concen: 53.99 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125782.D
Acq: 8 Oct 2021 14:52

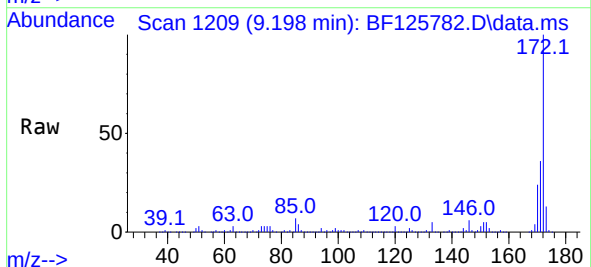
Instrument :
BNA_F
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2-SLAB



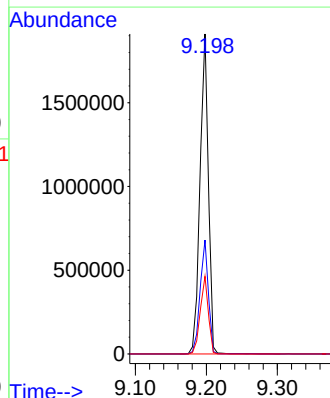
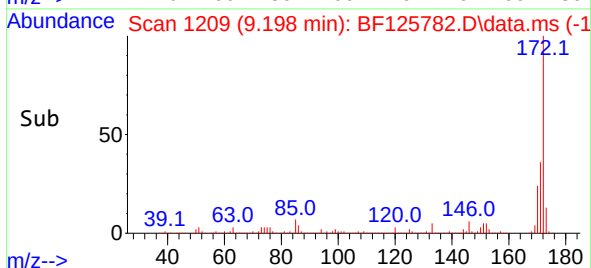
Tgt Ion:330 Resp: 229266
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 32.3 44.6 66.8#

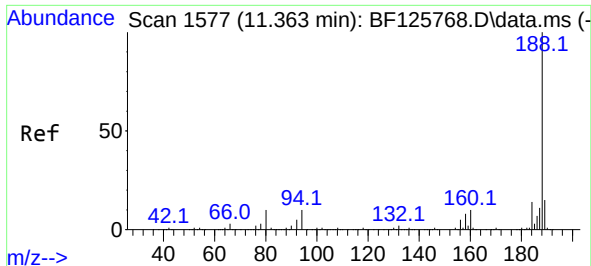


#45
2-Fluorobiphenyl
Concen: 63.01 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125782.D
Acq: 8 Oct 2021 14:52



Tgt Ion:172 Resp: 1571279
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 24.2 18.8 28.2

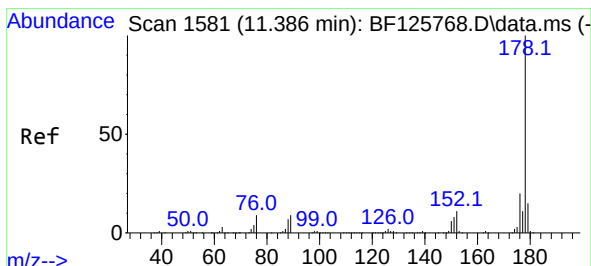
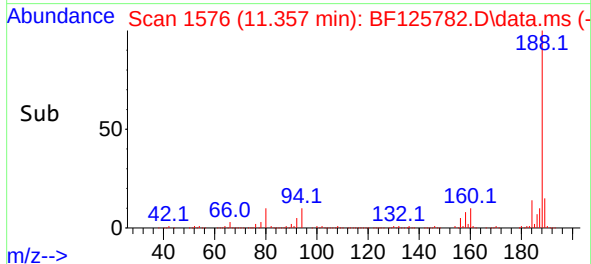
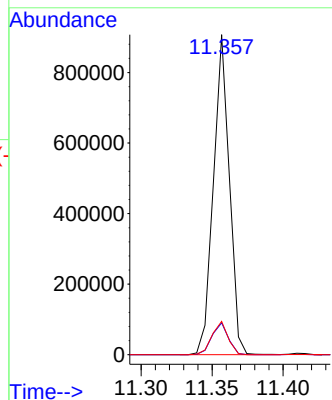
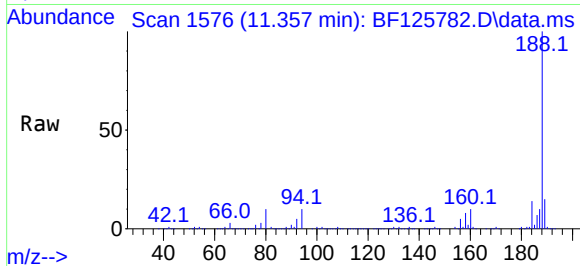




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125782.D
Acq: 8 Oct 2021 14:52

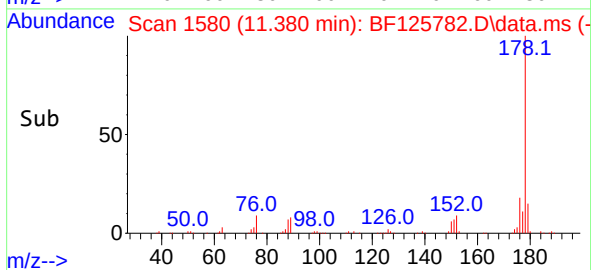
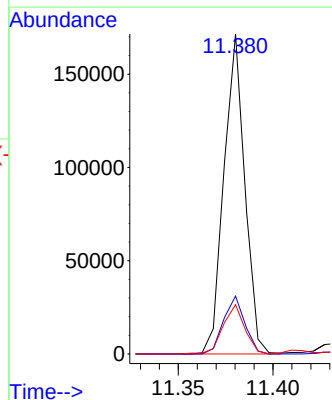
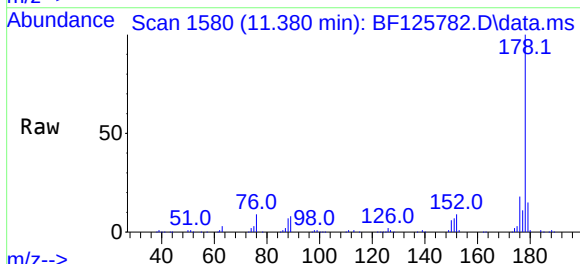
Instrument :
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ClientSampleId :
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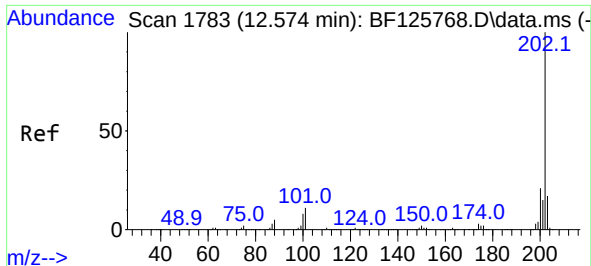
Tgt Ion:188 Resp: 710015
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 10.4 7.5 11.3



#71
Phenanthrene
Concen: 3.47 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF125782.D
Acq: 8 Oct 2021 14:52

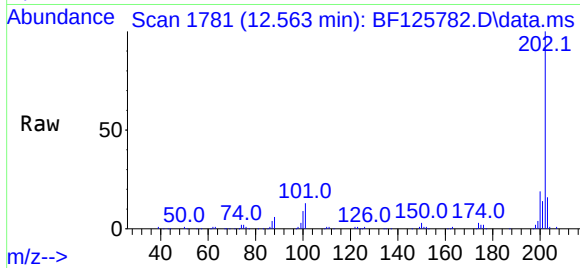
Tgt Ion:178 Resp: 131667
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.4 11.5 17.3



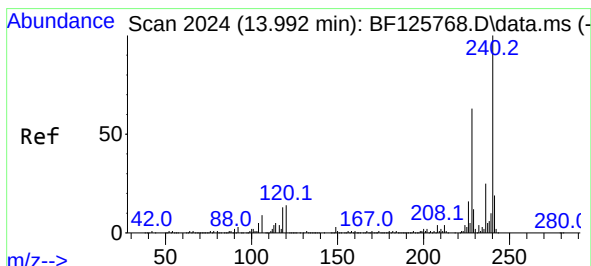
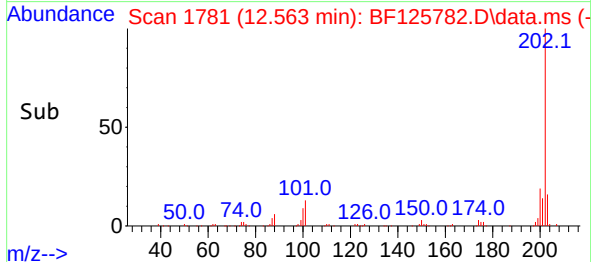
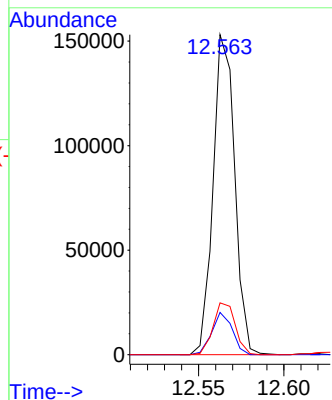


#75
Fluoranthene
Concen: 3.94 ng
RT: 12.563 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BF125782.D
Acq: 8 Oct 2021 14:52

Instrument :
BNA_F
ClientSampleId :
2-SLAB

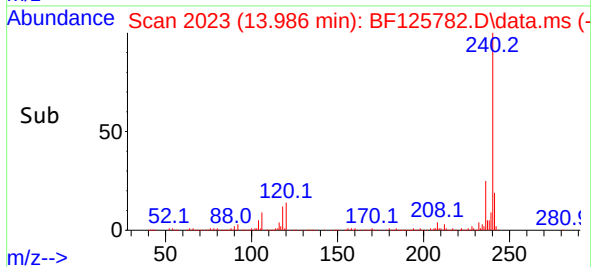
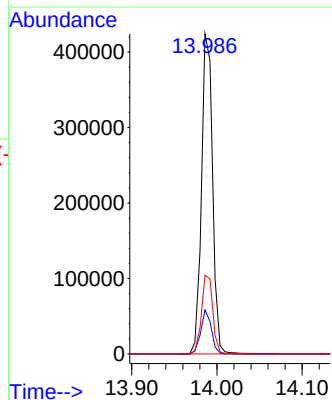
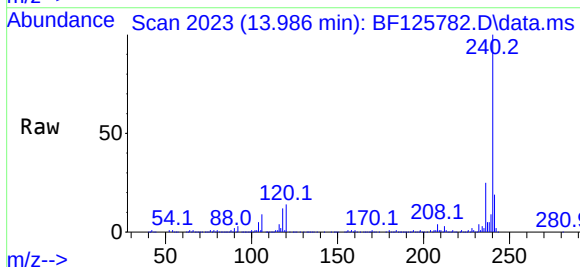


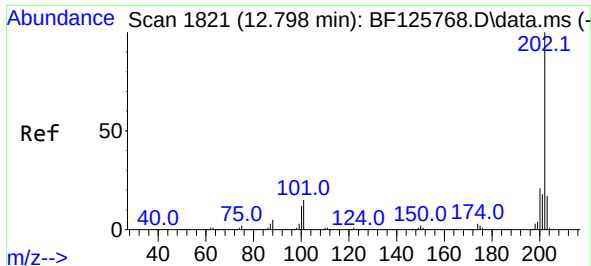
Tgt Ion:202 Resp: 135164
Ion Ratio Lower Upper
202 100
101 13.2 0.0 30.7
203 16.2 0.0 36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF125782.D
Acq: 8 Oct 2021 14:52

Tgt Ion:240 Resp: 383478
Ion Ratio Lower Upper
240 100
120 13.7 10.8 16.2
236 24.5 21.6 32.4



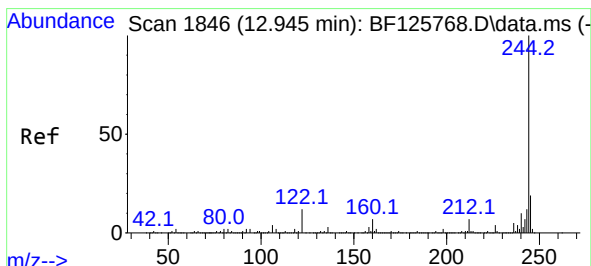
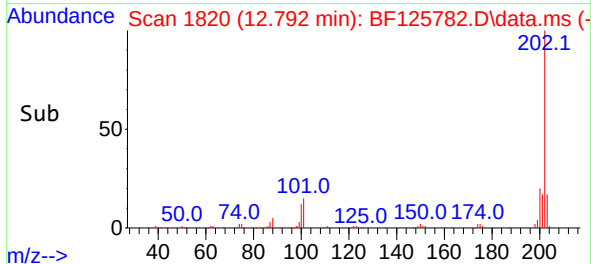
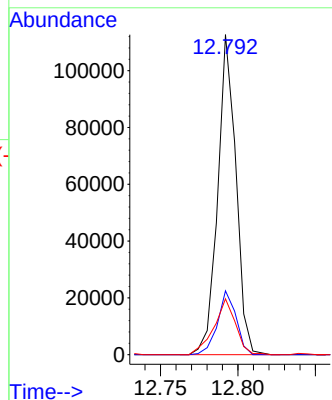
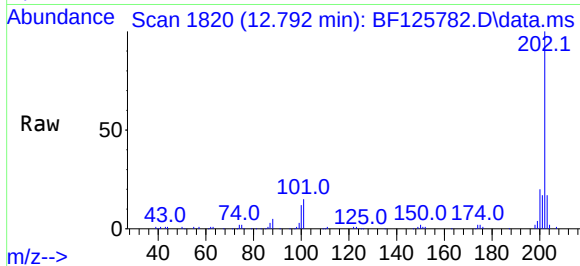


#78
Pyrene
Concen: 2.36 ng
RT: 12.792 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF125782.D
Acq: 8 Oct 2021 14:52

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:202 Resp: 92043

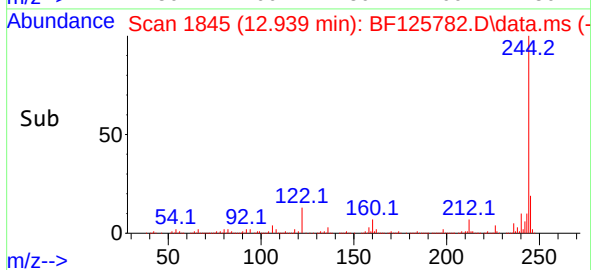
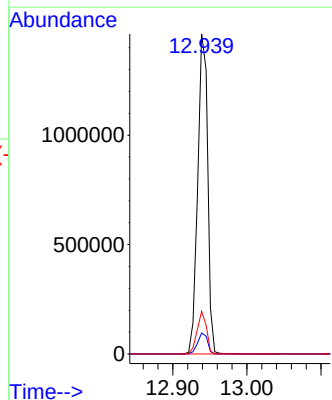
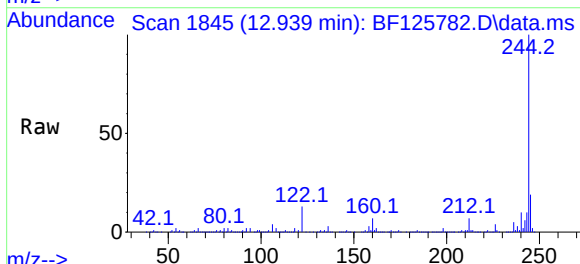
Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.3	22.9
203	17.5	13.4	20.0

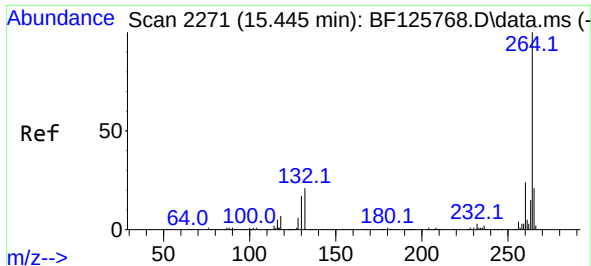


#79
Terphenyl-d14
Concen: 54.11 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF125782.D
Acq: 8 Oct 2021 14:52

Tgt Ion:244 Resp: 1362264

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	13.3	9.0	13.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF125782.D
Acq: 8 Oct 2021 14:52

Instrument :
BNA_F
ClientSampleId :
2-SLAB

Tgt Ion:264 Resp: 438683
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 21.2 17.2 25.8

