

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125910.D
 Acq On : 19 Oct 2021 20:35
 Operator : JU/CG
 Sample : M4256-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 454BASIN-20211014

Quant Time: Oct 20 09:30:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	164646	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	622530	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	278970	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	471710	20.00	ng	0.00
76) Chrysene-d12	13.974	240	355831	20.00	ng	0.00
86) Perylene-d12	15.427	264	258249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	399185	39.61	ng	0.00
7) Phenol-d6	6.445	99	468252	36.09	ng	-0.01
23) Nitrobenzene-d5	7.381	82	253900	25.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	101337	36.79	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	498146	30.80	ng	0.00
79) Terphenyl-d14	12.922	244	517961	22.17	ng	0.00

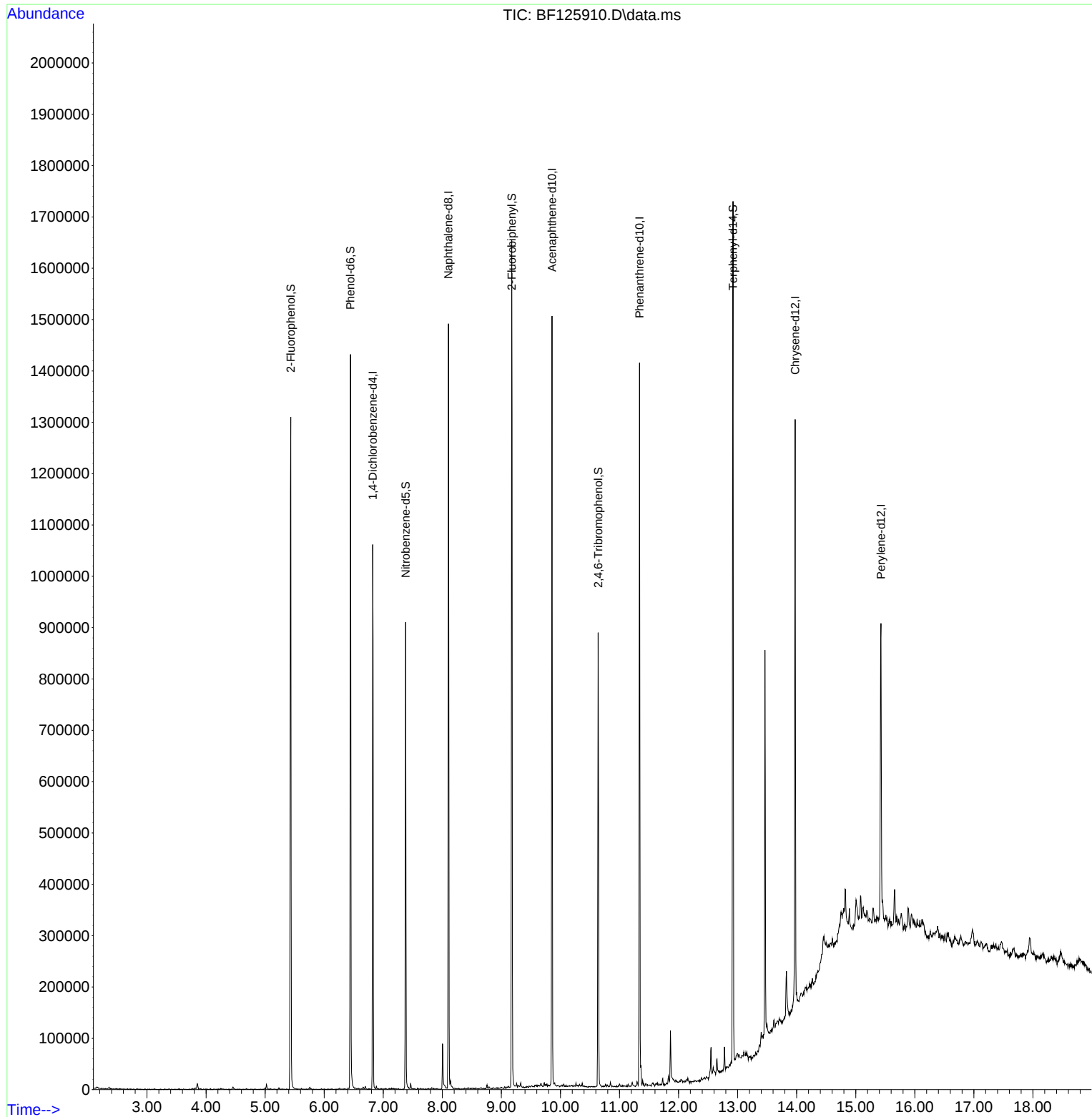
Target Compounds	Qvalue

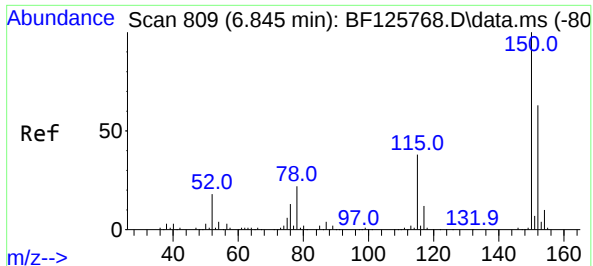
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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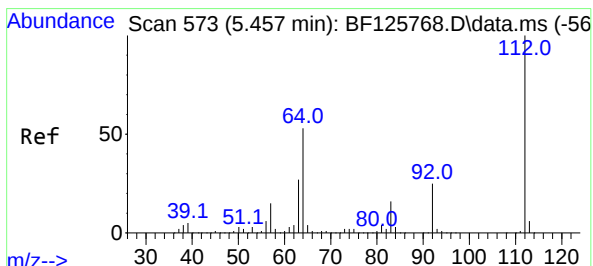
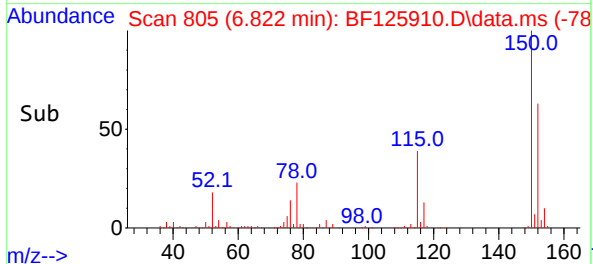
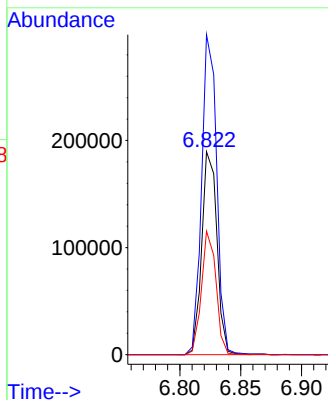
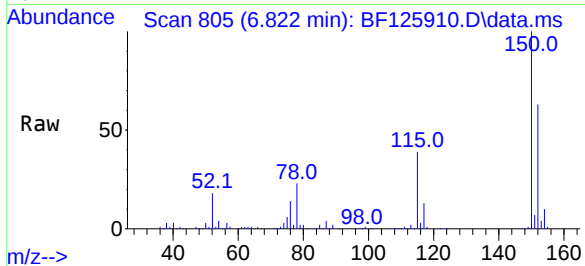




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

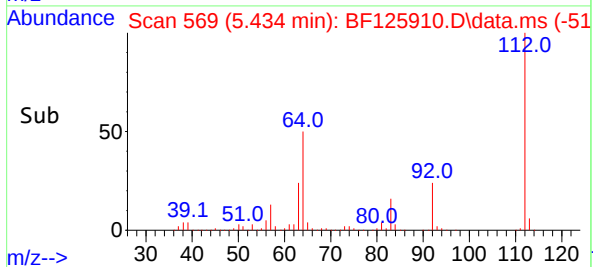
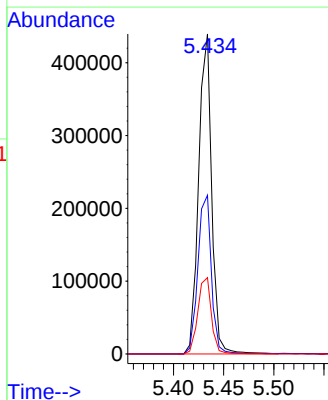
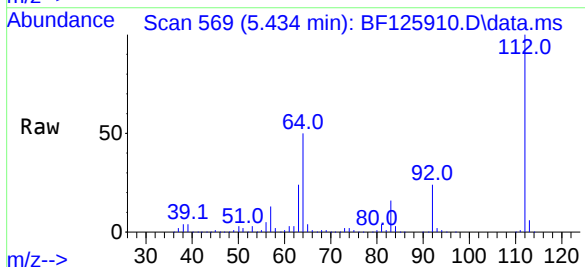
Instrument :
BNA_F
ClientSampleId :
454BASIN-20211014

Tgt Ion:152 Resp: 164646
Ion Ratio Lower Upper
152 100
150 157.6 117.6 176.4
115 60.9 47.1 70.7

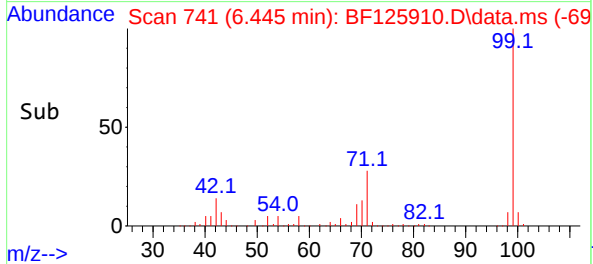
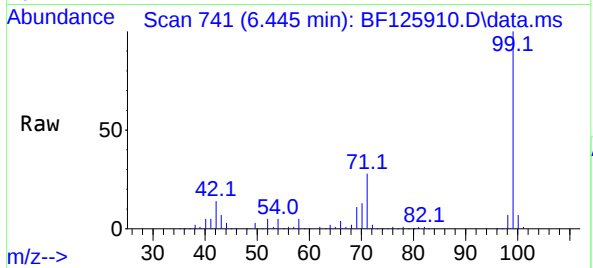
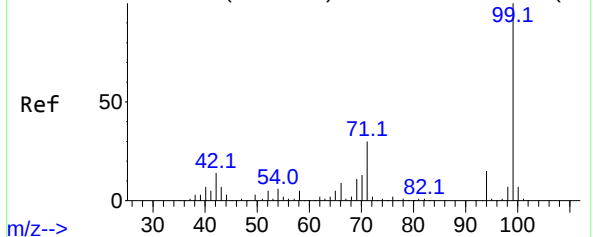


#5
2-Fluorophenol
Concen: 39.61 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Tgt Ion:112 Resp: 399185
Ion Ratio Lower Upper
112 100
64 49.6 44.2 66.2
63 23.8 26.2 39.2#



Abundance Scan 746 (6.475 min): BF125768.D\data.ms (-73



#7

Phenol-d6

Concen: 36.09 ng

RT: 6.445 min Scan# 741

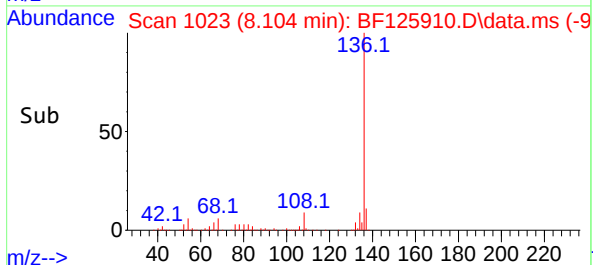
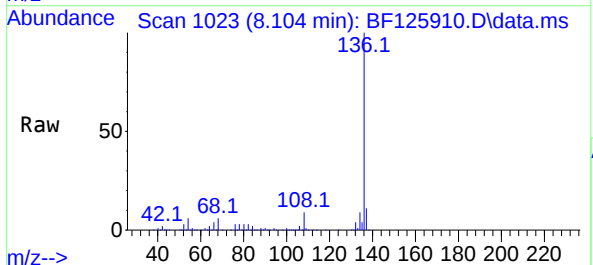
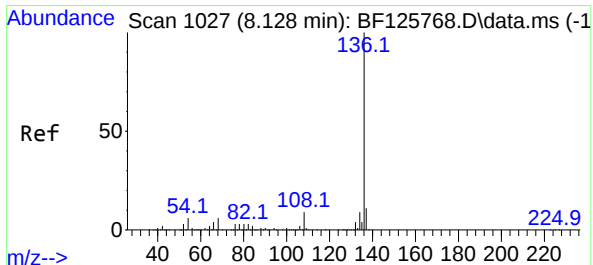
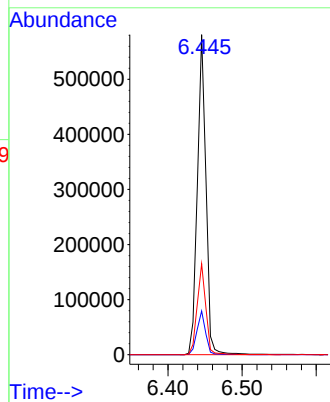
Delta R.T. -0.012 min

Lab File: BF125910.D

Acq: 19 Oct 2021 20:35

Tgt Ion: 99 Resp: 468252

Ion	Ratio	Lower	Upper
99	100		
42	13.6	23.5	35.3#
71	28.4	25.6	38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.104 min Scan# 1023

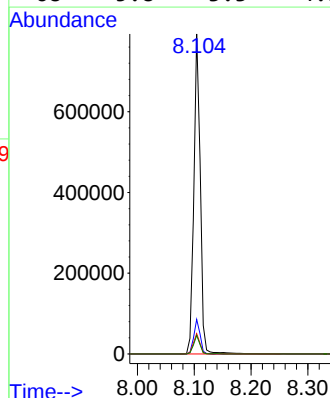
Delta R.T. -0.006 min

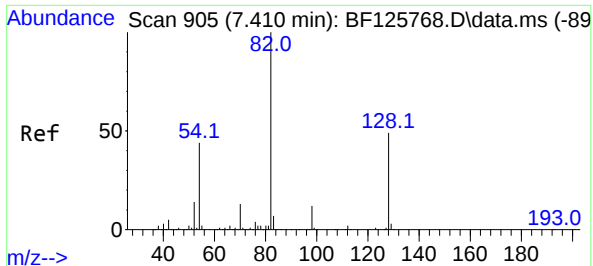
Lab File: BF125910.D

Acq: 19 Oct 2021 20:35

Tgt Ion: 136 Resp: 622530

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	6.3	6.4	9.6#
68	5.8	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 25.35 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF125910.D

Acq: 19 Oct 2021 20:35

Instrument :

BNA_F

ClientSampleId :

454BASIN-20211014

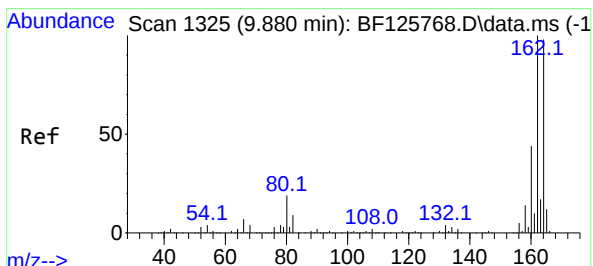
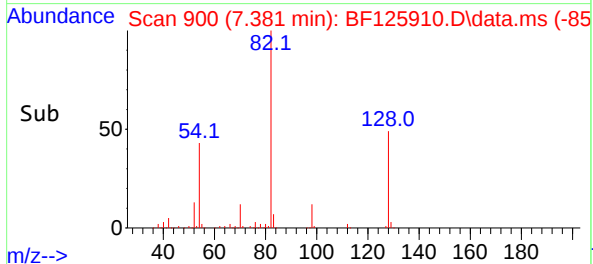
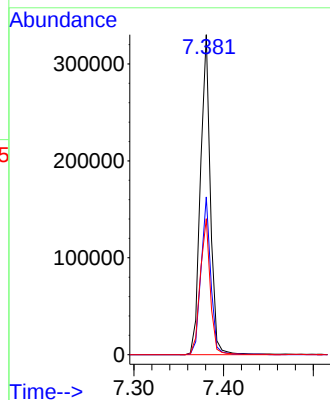
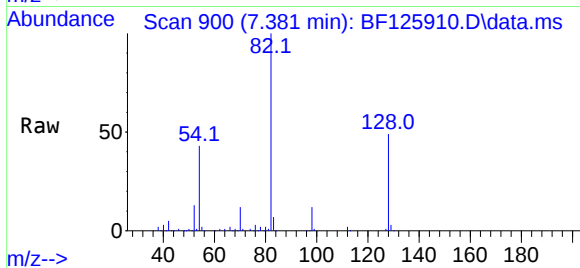
Tgt Ion: 82 Resp: 253900

Ion Ratio Lower Upper

82 100

128 49.3 40.6 60.8

54 42.5 49.6 74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF125910.D

Acq: 19 Oct 2021 20:35

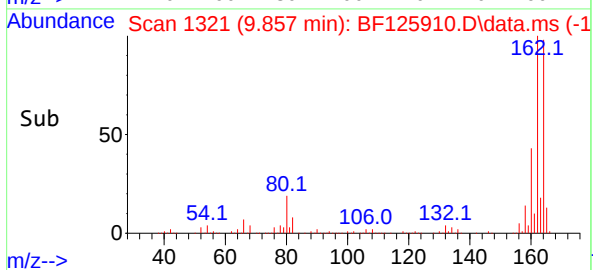
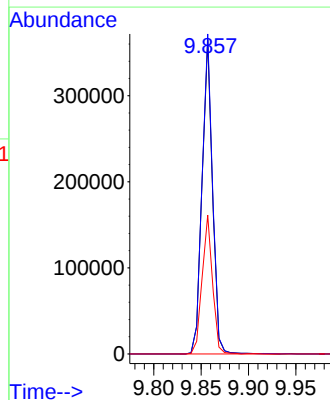
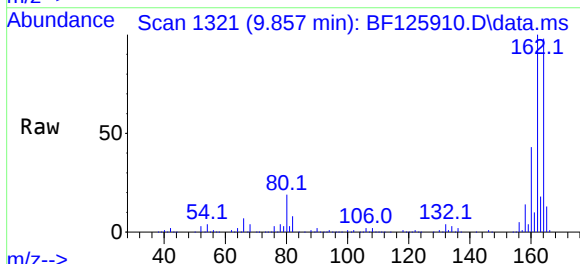
Tgt Ion: 164 Resp: 278970

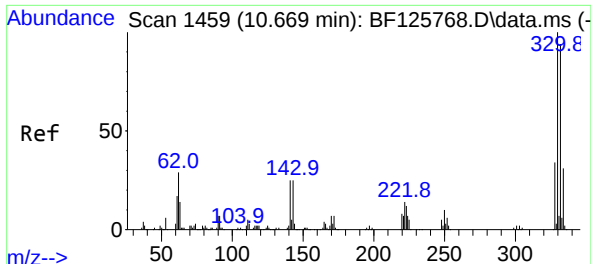
Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

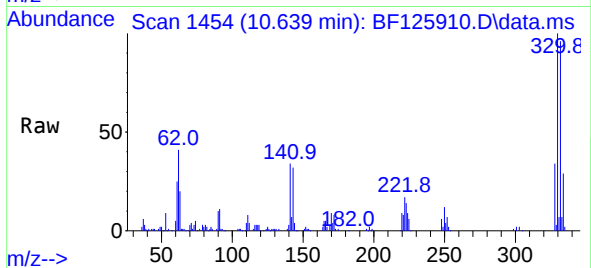
160 44.2 38.0 57.0



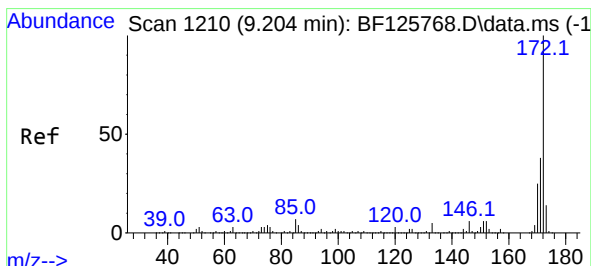
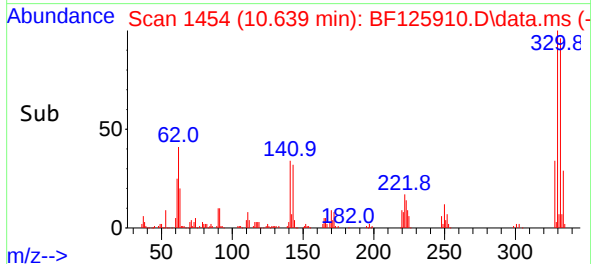
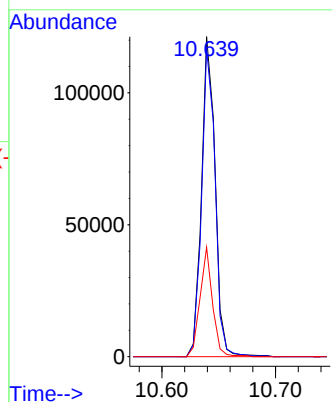


#42
2,4,6-Tribromophenol
Concen: 36.79 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Instrument :
BNA_F
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454BASIN-20211014

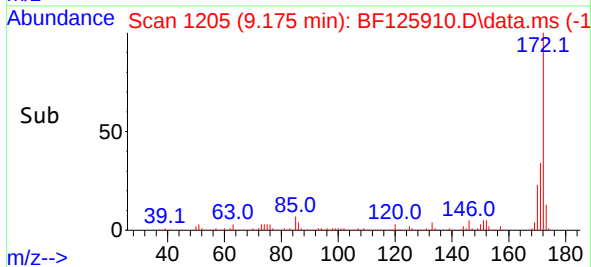
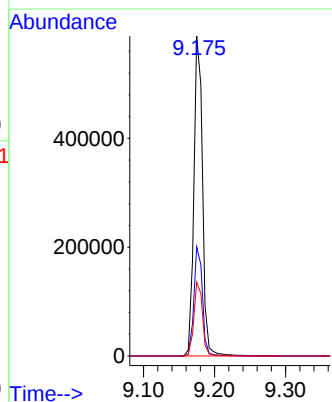
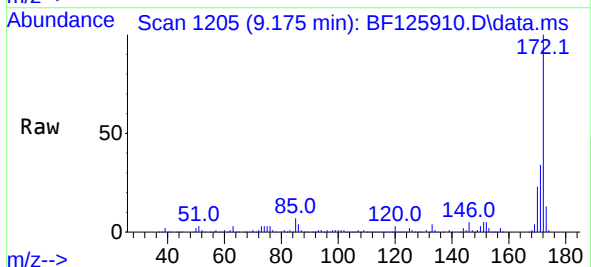


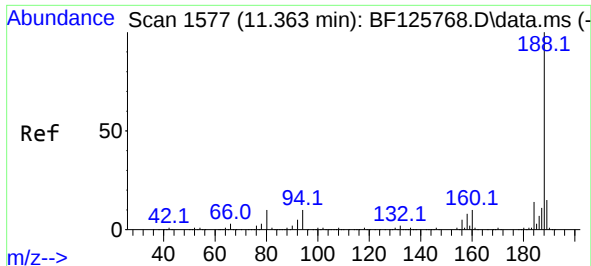
Tgt Ion:330 Resp: 101337
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 31.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 30.80 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Tgt Ion:172 Resp: 498146
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 23.0 18.8 28.2

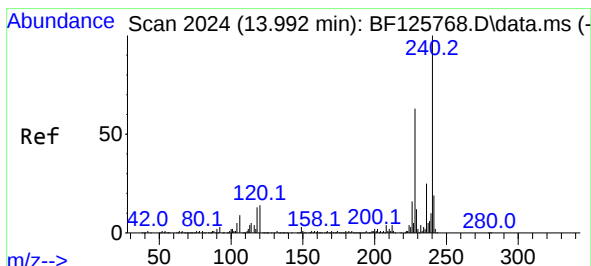
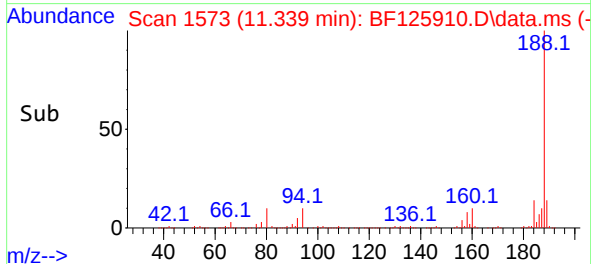
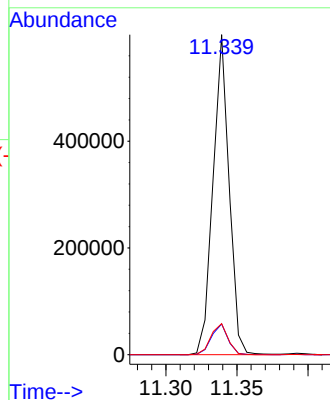
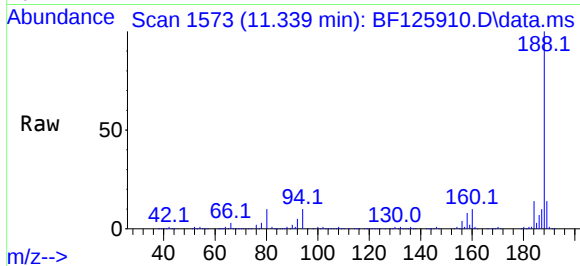




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

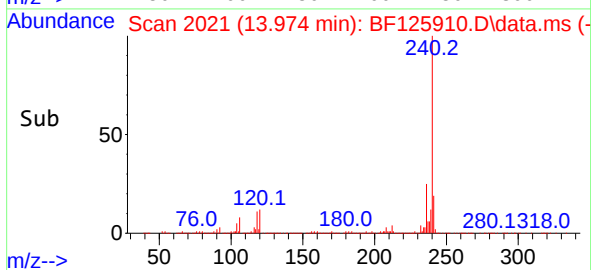
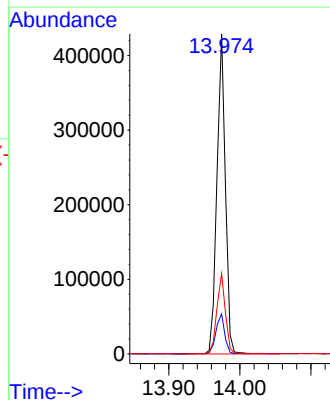
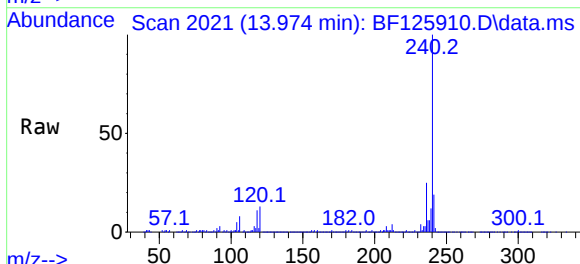
Instrument :
BNA_F
ClientSampleId :
454BASIN-20211014

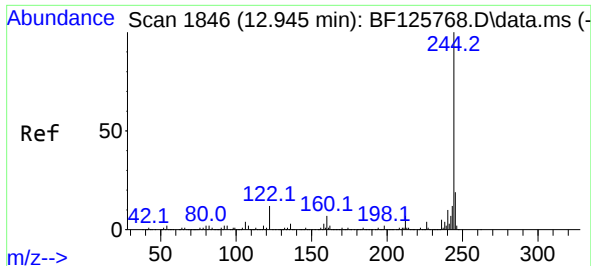
Tgt Ion:188 Resp: 471710
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 9.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Tgt Ion:240 Resp: 355831
Ion Ratio Lower Upper
240 100
120 12.5 10.8 16.2
236 25.1 21.6 32.4

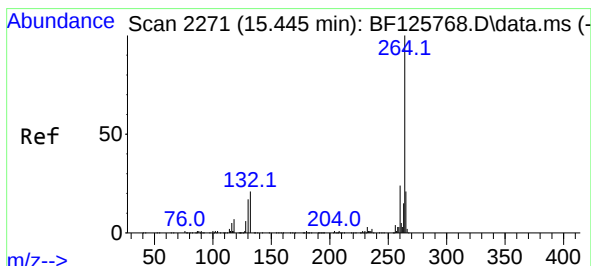
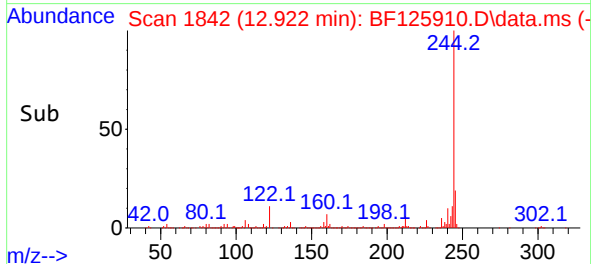
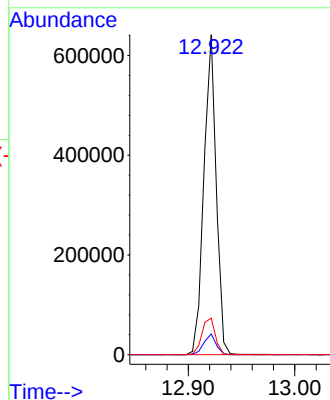
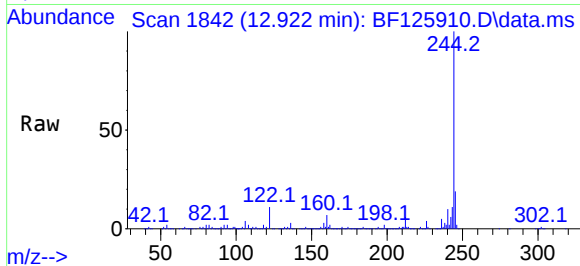




#79
Terphenyl-d14
Concen: 22.17 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 517961
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 11.4 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.006 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Tgt Ion:264 Resp: 258249
Ion Ratio Lower Upper
264 100
260 23.2 19.6 29.4
265 21.1 17.2 25.8

