

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
 Data File : BF125303.D
 Acq On : 1 Sep 2021 13:24
 Operator : JU/CG
 Sample : M3612-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-1

Quant Time: Sep 01 14:35:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	179212	20.000	ng	-0.01
21) Naphthalene-d8	8.187	136	710398	20.000	ng	#-0.01
39) Acenaphthene-d10	9.945	164	400290	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	785797	20.000	ng	0.00
76) Chrysene-d12	14.074	240	634427	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	508536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	807046	68.162	ng	0.00
7) Phenol-d6	6.534	99	1027612	67.107	ng	0.00
23) Nitrobenzene-d5	7.469	82	664772	47.111	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	350912	87.821	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1241034	43.210	ng	-0.01
79) Terphenyl-d14	13.022	244	1679217	42.166	ng	0.00

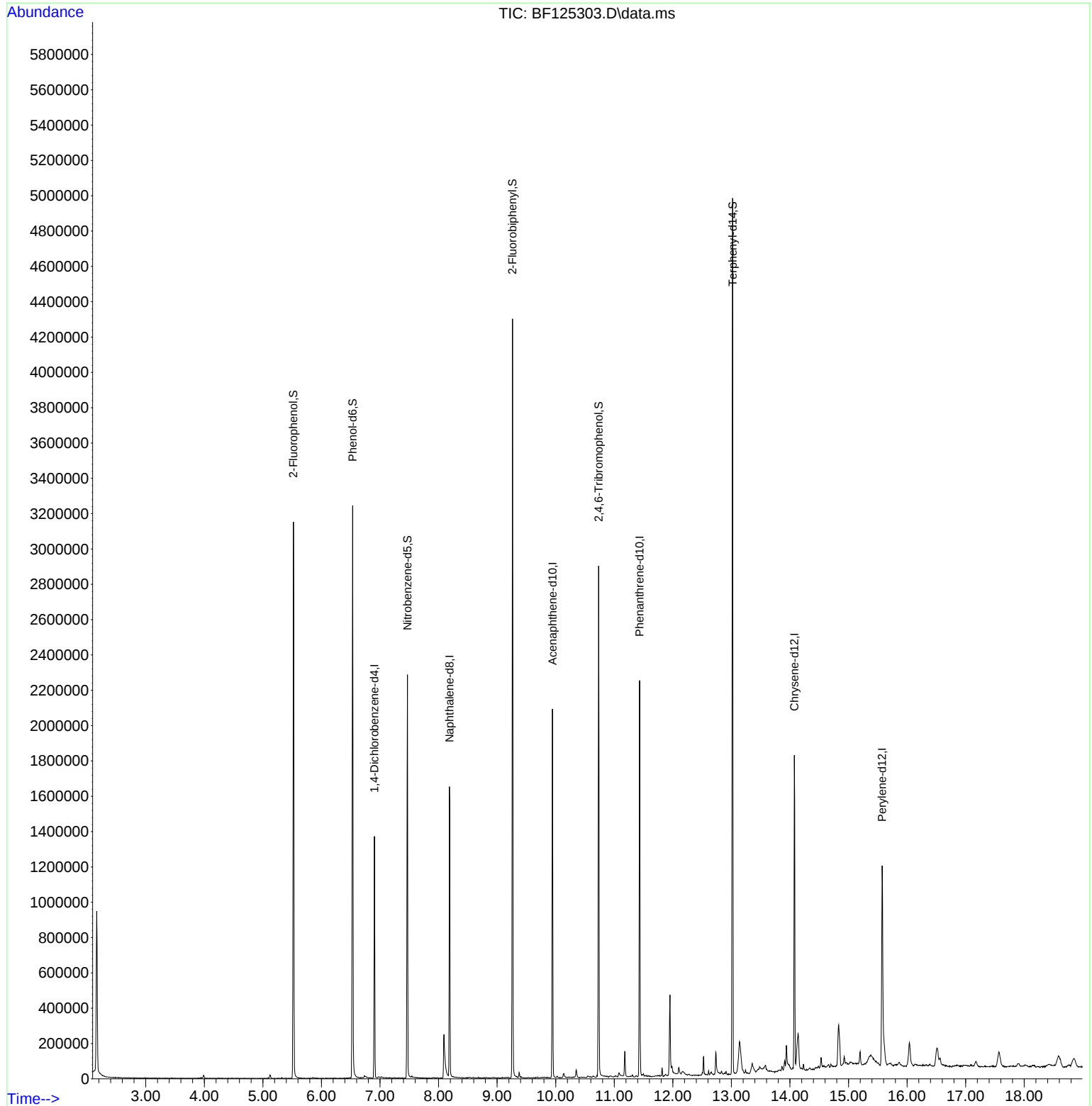
Target Compounds	Qvalue

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

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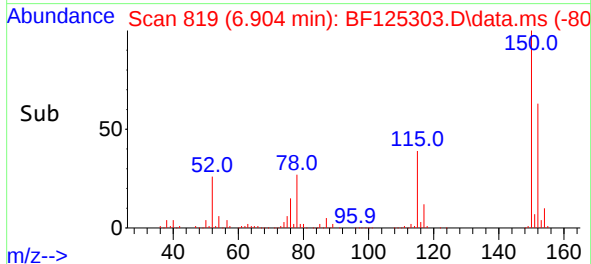
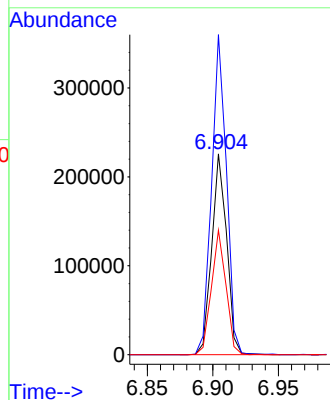
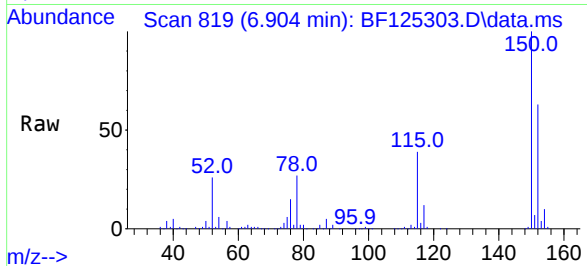




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

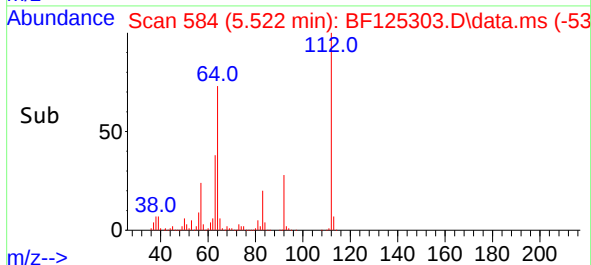
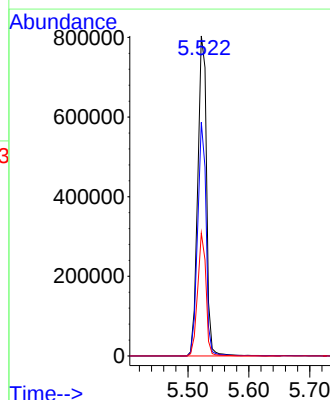
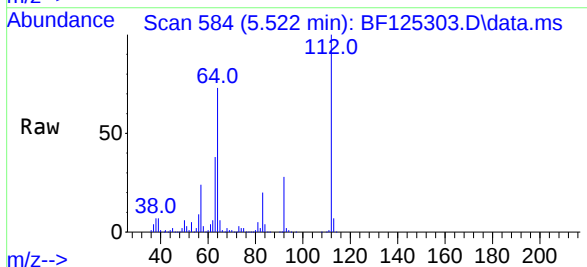
Instrument :
BNA_F
ClientSampleId :
M-1

Tgt Ion:152 Resp: 179212
Ion Ratio Lower Upper
152 100
150 159.3 117.6 176.4
115 62.0 47.1 70.7



#5
2-Fluorophenol
Concen: 68.162 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.006 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Tgt Ion:112 Resp: 807046
Ion Ratio Lower Upper
112 100
64 73.0 44.2 66.2#
63 38.4 26.2 39.2



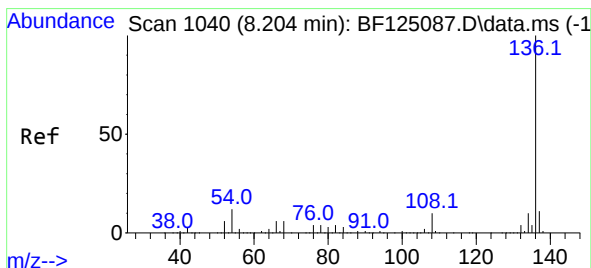
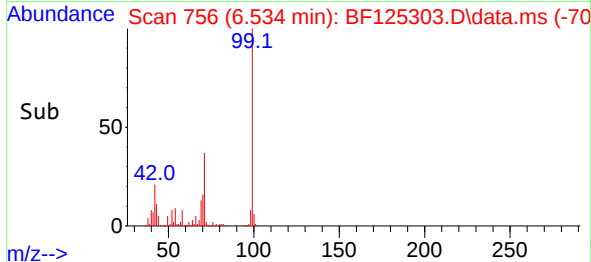
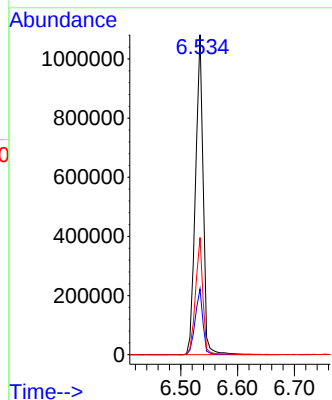
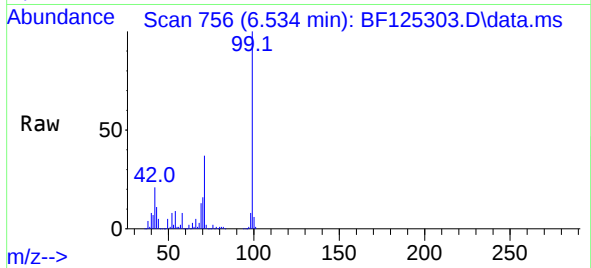


#7
Phenol-d6
Concen: 67.107 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Instrument :
BNA_F
ClientSampleId :
M-1

Tgt Ion: 99 Resp: 1027612

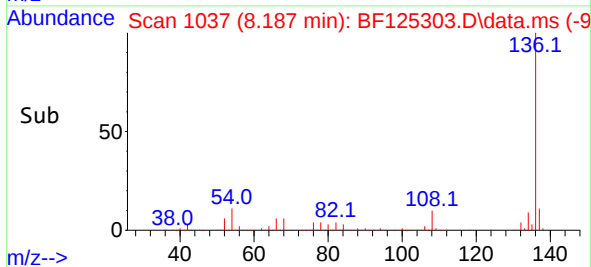
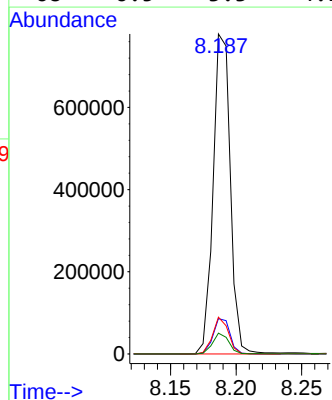
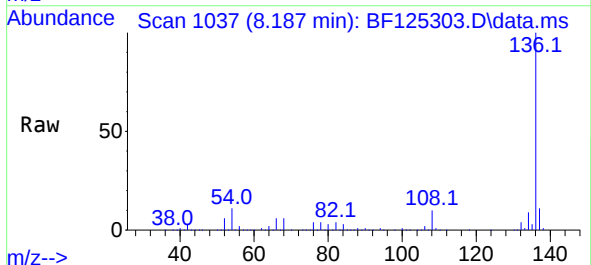
Ion	Ratio	Lower	Upper
99	100		
42	20.6	23.5	35.3#
71	36.6	25.6	38.4

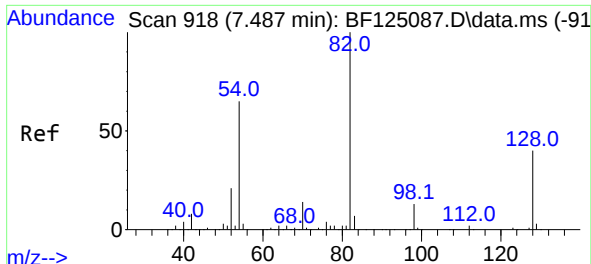


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Tgt Ion: 136 Resp: 710398

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	11.5	6.4	9.6#
68	6.5	3.3	4.9#

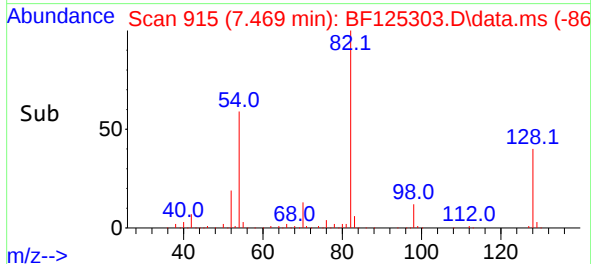
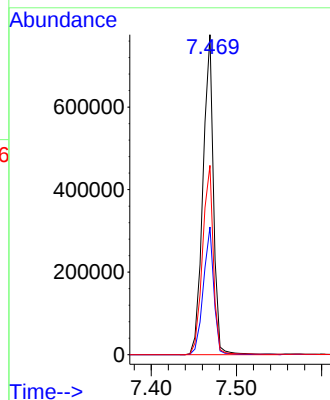
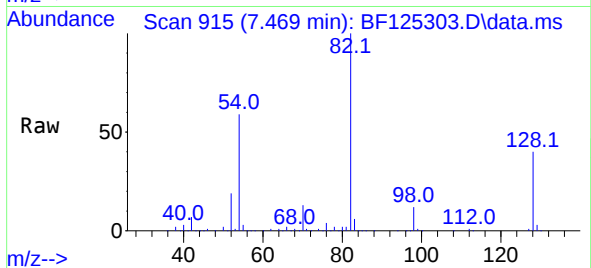




#23
Nitrobenzene-d5
Concen: 47.111 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

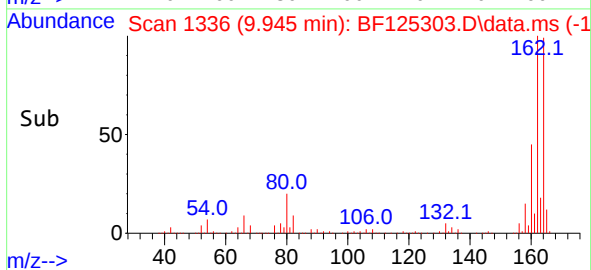
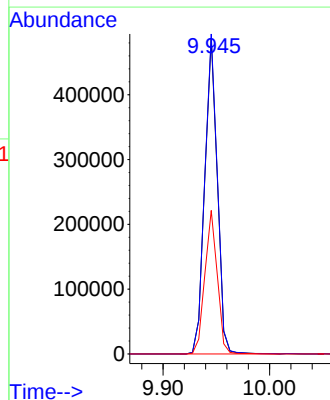
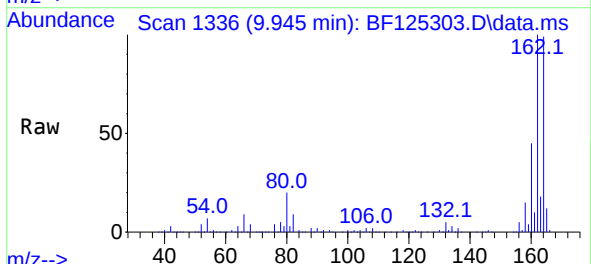
Instrument :
BNA_F
ClientSampleId :
M-1

Tgt Ion: 82 Resp: 664772
Ion Ratio Lower Upper
82 100
128 39.9 40.6 60.8#
54 59.2 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Tgt Ion:164 Resp: 400290
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 45.5 38.0 57.0

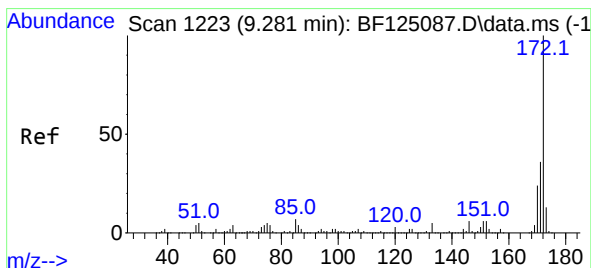
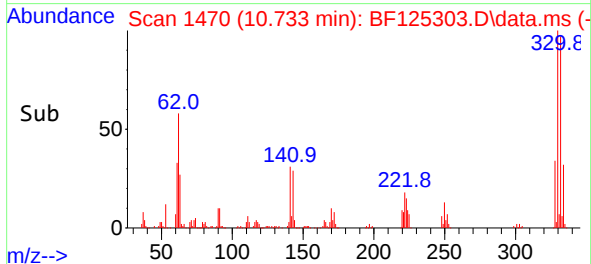
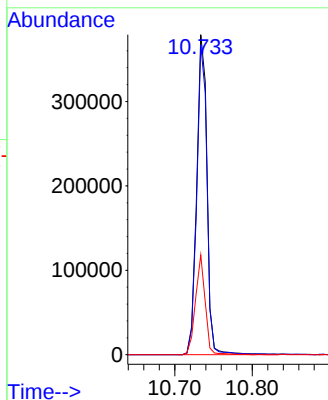
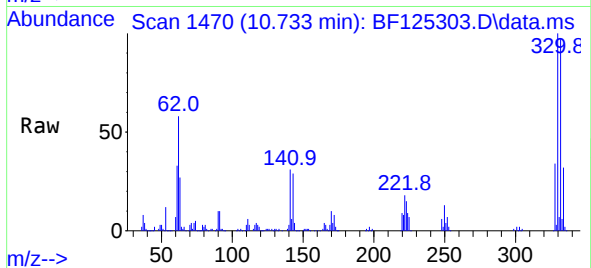




#42
2,4,6-Tribromophenol
Concen: 87.821 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

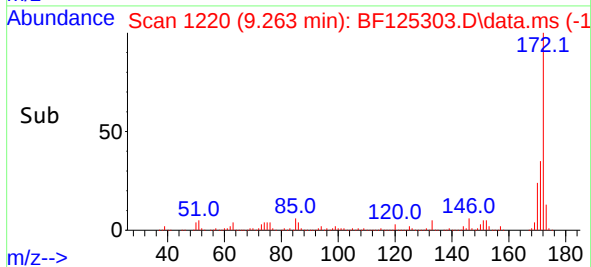
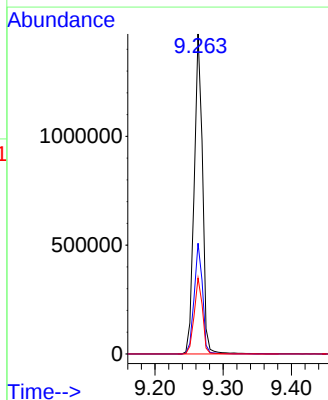
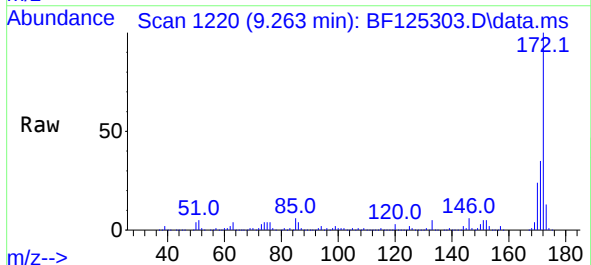
Instrument :
BNA_F
ClientSampleId :
M-1

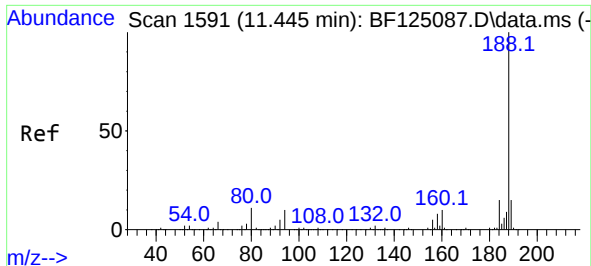
Tgt Ion:330 Resp: 350912
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 29.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 43.210 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Tgt Ion:172 Resp: 1241034
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.8 18.8 28.2

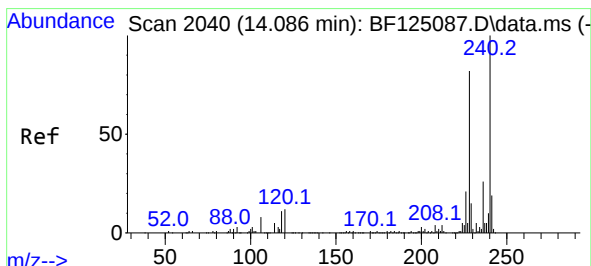
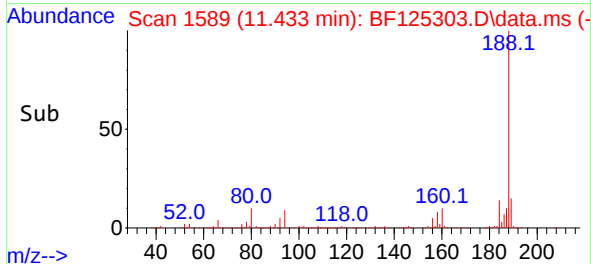
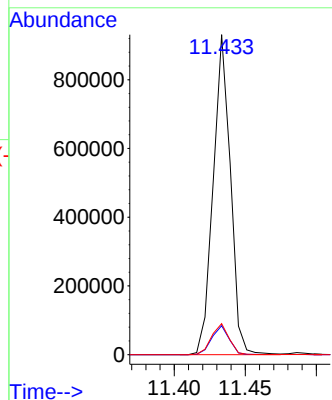
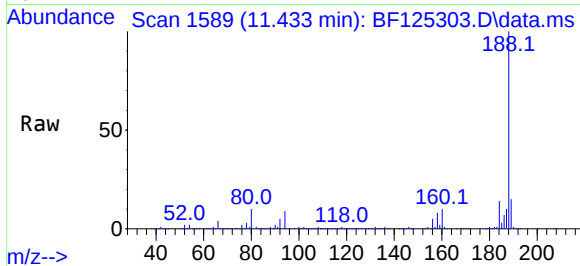




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

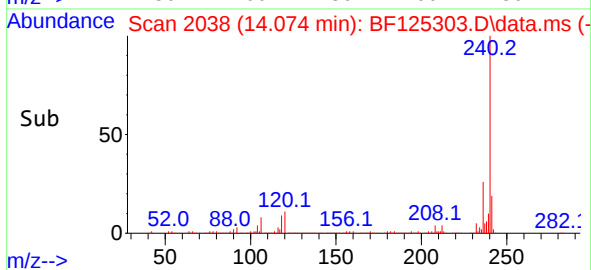
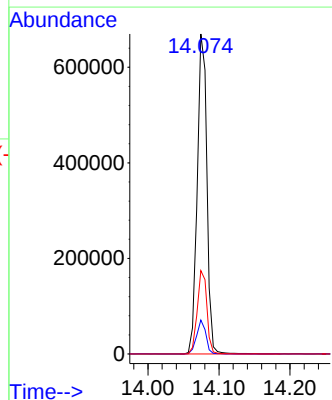
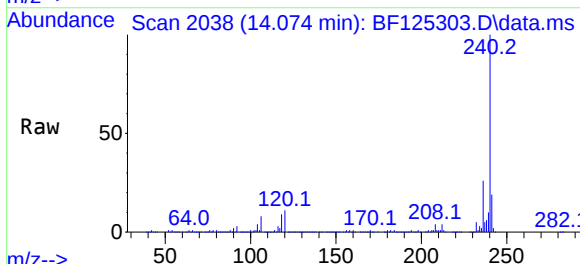
Instrument :
BNA_F
ClientSampled :
M-1

Tgt Ion:188 Resp: 785797
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

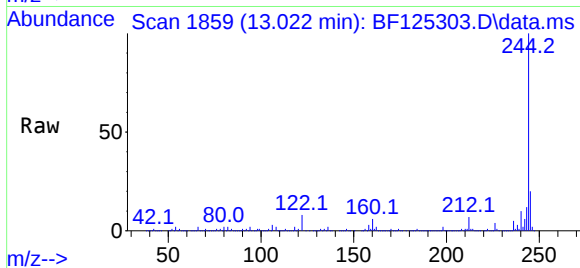
Tgt Ion:240 Resp: 634427
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 26.1 21.6 32.4



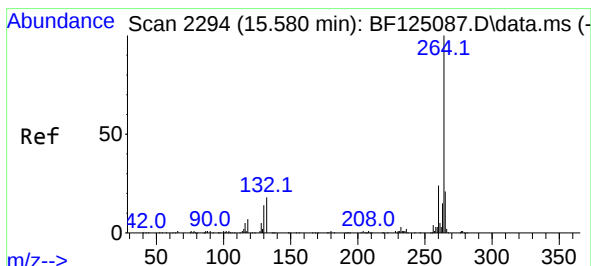
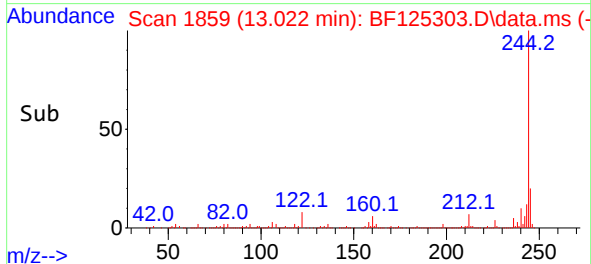
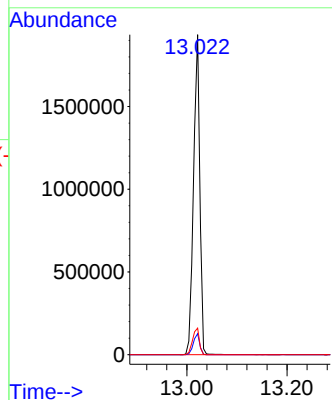


#79
Terphenyl-d14
Concen: 42.166 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Instrument :
BNA_F
ClientSampled :
M-1



Tgt Ion:244 Resp: 1679217
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.3 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Tgt Ion:264 Resp: 508536
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.4 17.2 25.8

