

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125483.D
 Acq On : 14 Sep 2021 20:08
 Operator : JU/CG
 Sample : M3724-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 31191

Quant Time: Sep 15 01:06:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 14 17:17:24 2021
 Response via : Initial Calibration

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

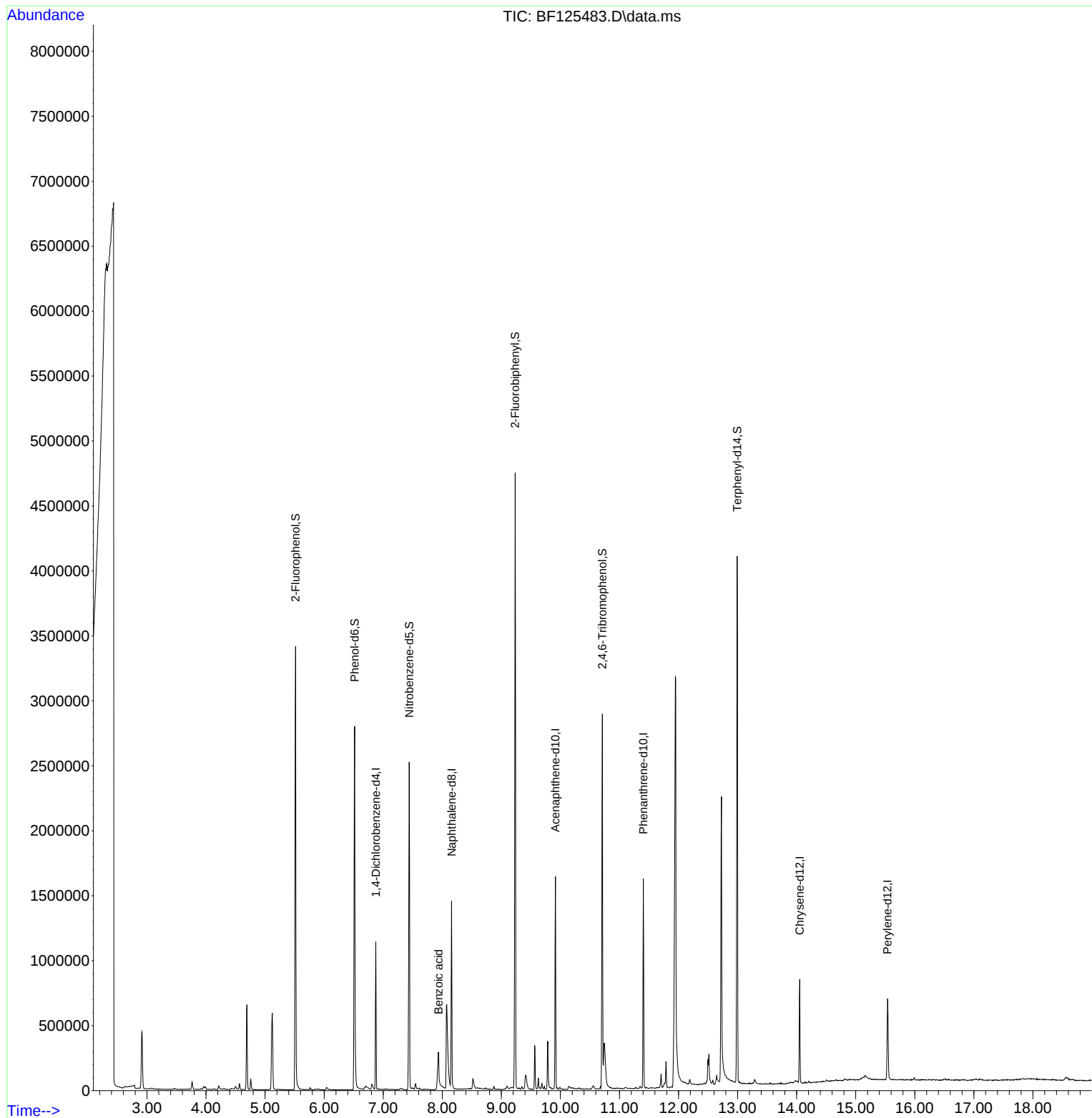
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	148718	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	577247	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	315494	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	559570	20.000	ng	0.00
76) Chrysene-d12	14.051	240	272647	20.000	ng	#-0.01
86) Perylene-d12	15.539	264	293135	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	888926	90.472	ng	0.01
7) Phenol-d6	6.516	99	1011141	79.571	ng	0.00
23) Nitrobenzene-d5	7.440	82	850703	74.193	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	377080	119.734	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1500833	66.301	ng	0.00
79) Terphenyl-d14	12.992	244	1528290	89.299	ng	0.00
Target Compounds						
32) Benzoic acid	7.940	122	100040	16.876	ng	Qvalue 86

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

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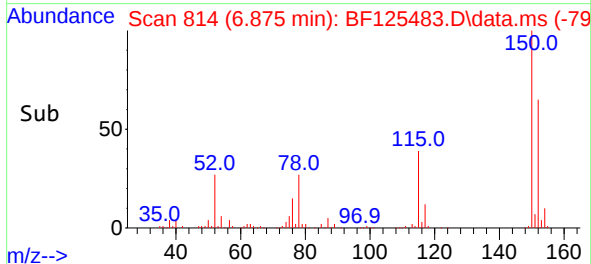
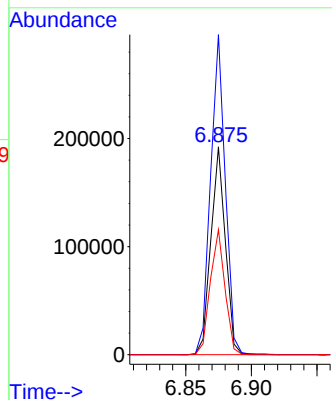
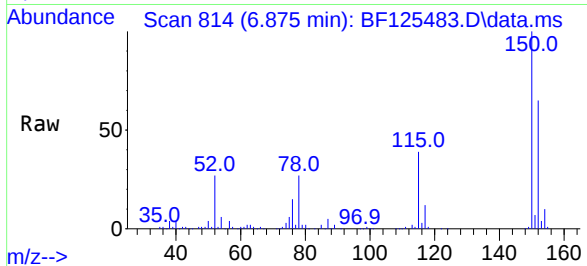




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF125483.D
Acq: 14 Sep 2021 20:08

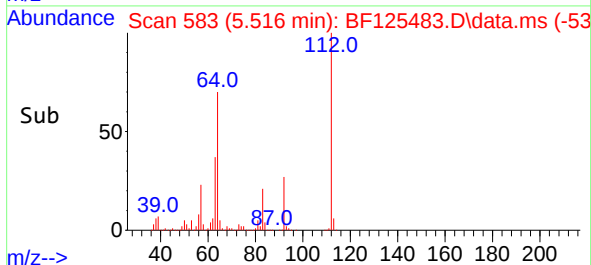
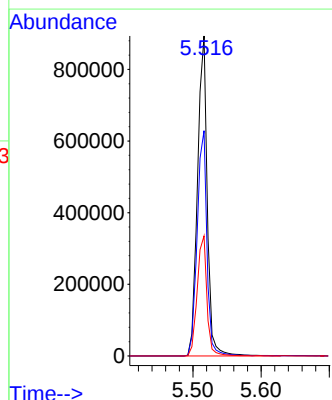
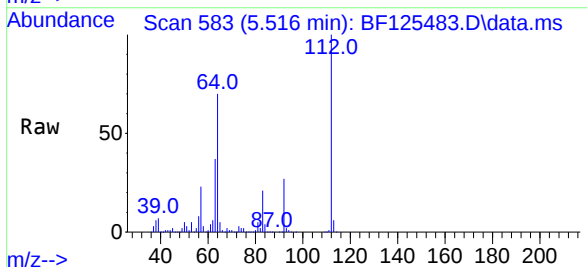
Instrument :
BNA_F
ClientSampleId :
31191

Tgt Ion:152 Resp: 148718
Ion Ratio Lower Upper
152 100
150 153.9 117.6 176.4
115 60.1 47.1 70.7



#5
2-Fluorophenol
Concen: 90.472 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125483.D
Acq: 14 Sep 2021 20:08

Tgt Ion:112 Resp: 888926
Ion Ratio Lower Upper
112 100
64 70.4 44.2 66.2#
63 37.5 26.2 39.2

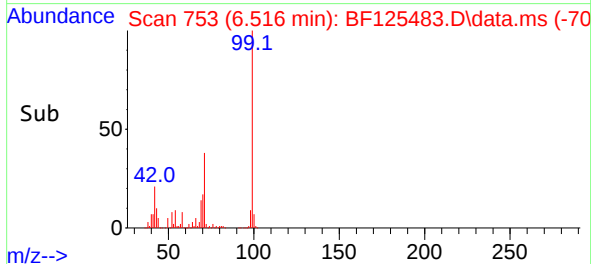
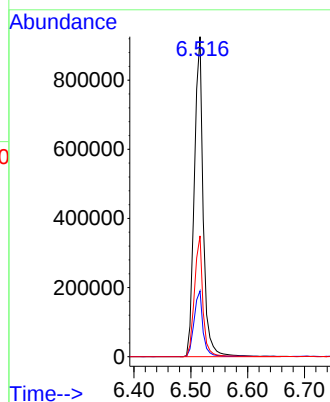
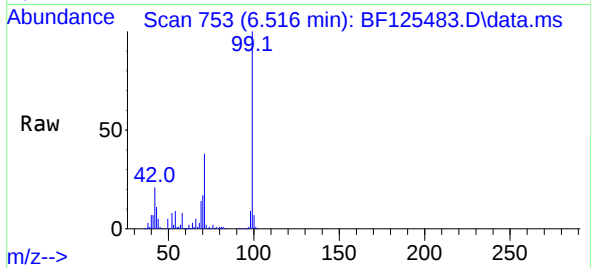




#7
Phenol-d6
Concen: 79.571 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125483.D
Acq: 14 Sep 2021 20:08

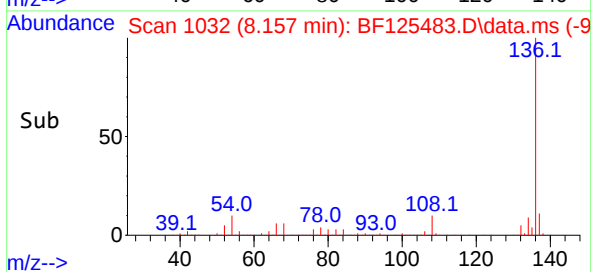
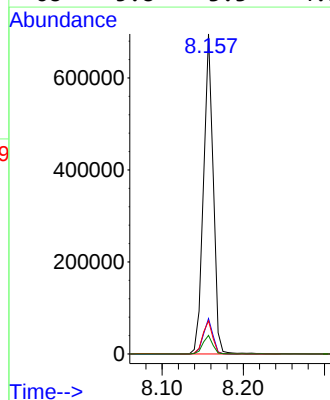
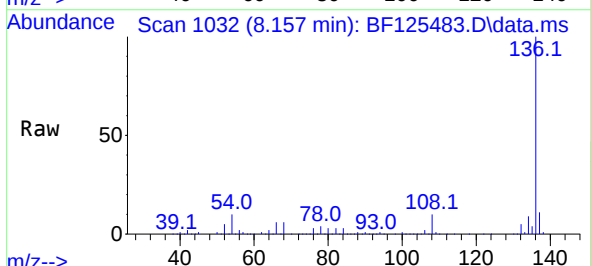
Instrument :
BNA_F
ClientSampleId :
31191

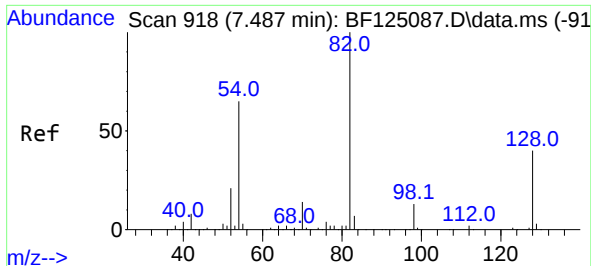
Tgt Ion: 99 Resp: 1011141
Ion Ratio Lower Upper
99 100
42 20.6 23.5 35.3#
71 37.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF125483.D
Acq: 14 Sep 2021 20:08

Tgt Ion: 136 Resp: 577247
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.3 6.4 9.6#
68 5.8 3.3 4.9#

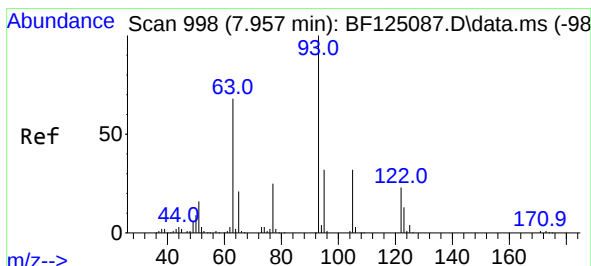
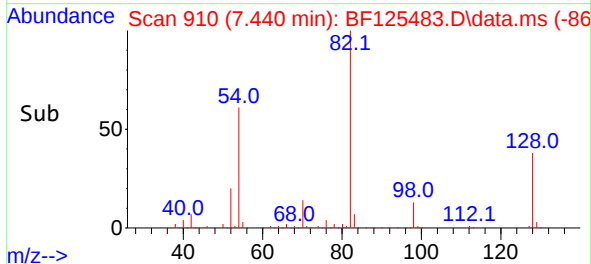
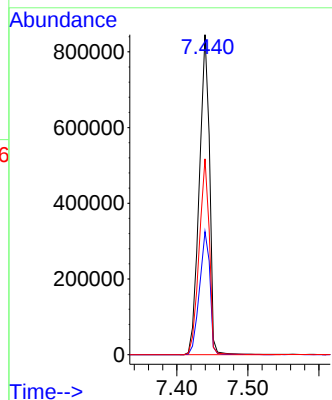
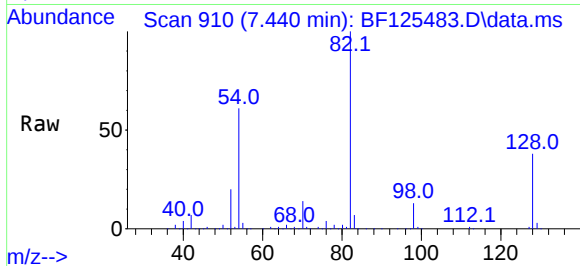




#23
Nitrobenzene-d5
Concen: 74.193 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF125483.D
Acq: 14 Sep 2021 20:08

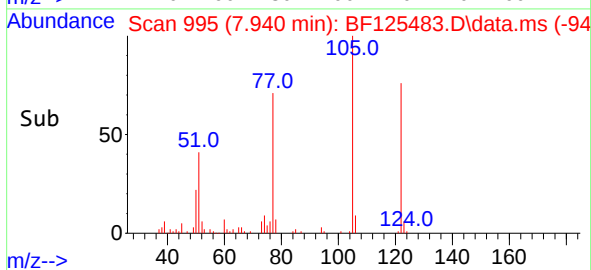
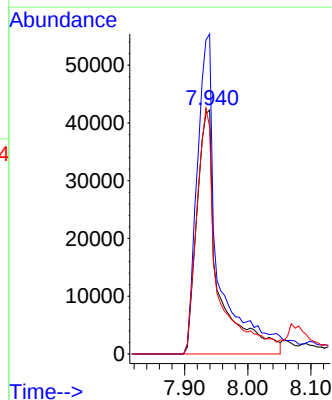
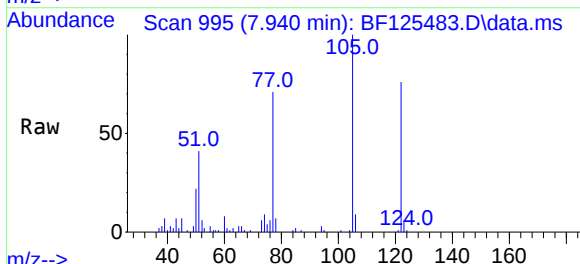
Instrument :
BNA_F
ClientSampled :
31191

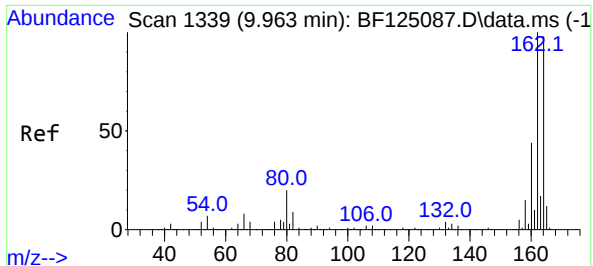
Tgt Ion: 82 Resp: 850703
Ion Ratio Lower Upper
82 100
128 38.5 40.6 60.8#
54 61.2 49.6 74.4



#32
Benzoic acid
Concen: 16.876 ng
RT: 7.940 min Scan# 995
Delta R.T. -0.023 min
Lab File: BF125483.D
Acq: 14 Sep 2021 20:08

Tgt Ion: 122 Resp: 100040
Ion Ratio Lower Upper
122 100
105 131.2 97.6 137.6
77 93.0 59.6 99.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF125483.D

Acq: 14 Sep 2021 20:08

Instrument :

BNA_F

ClientSampleId :

31191

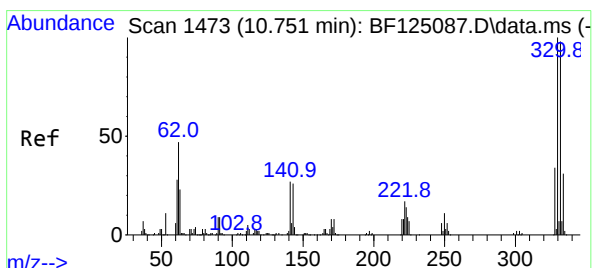
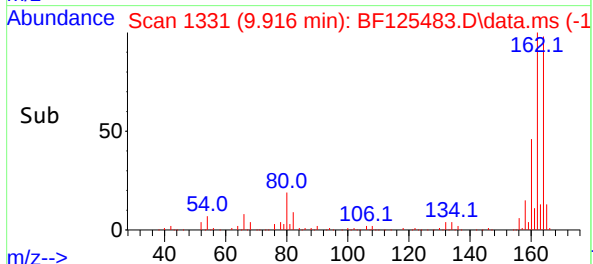
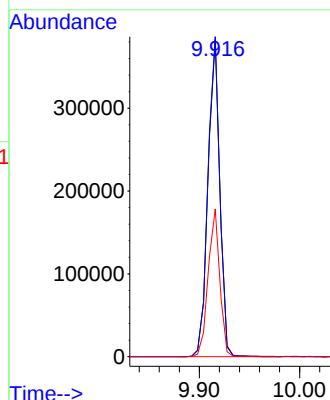
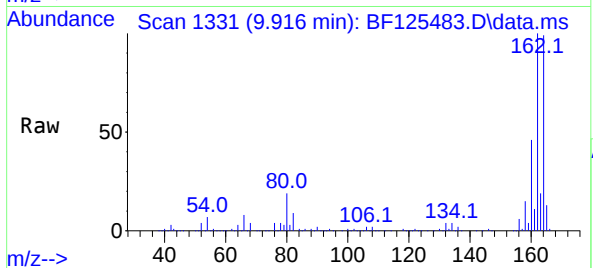
Tgt Ion:164 Resp: 315494

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

160 46.6 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 119.734 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF125483.D

Acq: 14 Sep 2021 20:08

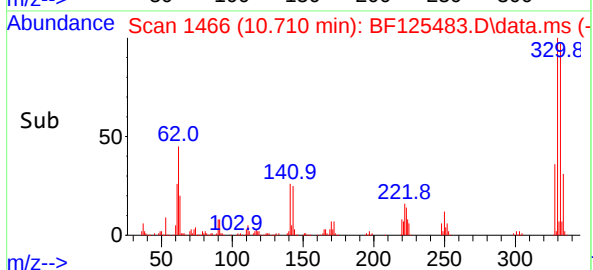
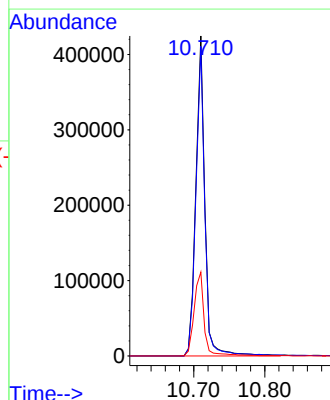
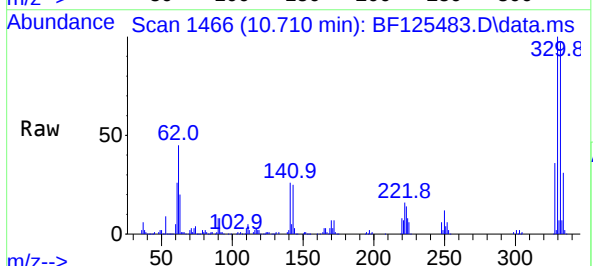
Tgt Ion:330 Resp: 377080

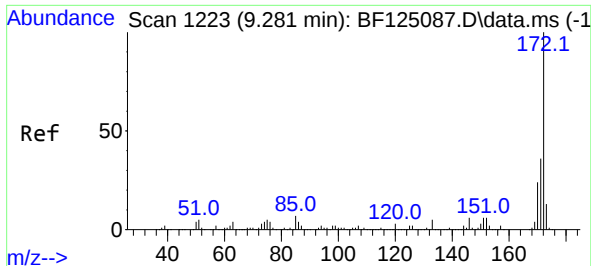
Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 29.3 44.6 66.8#

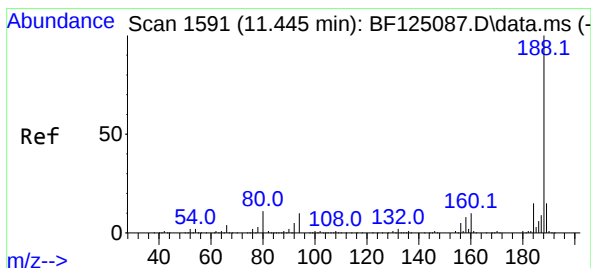
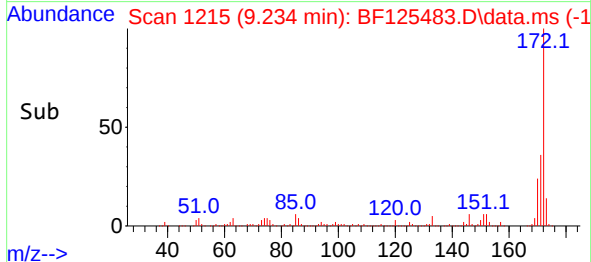
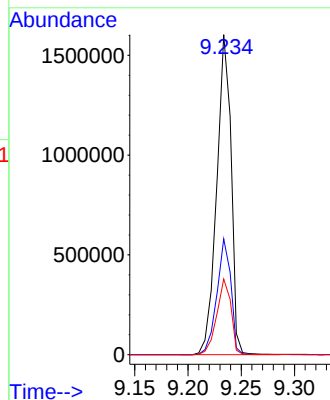
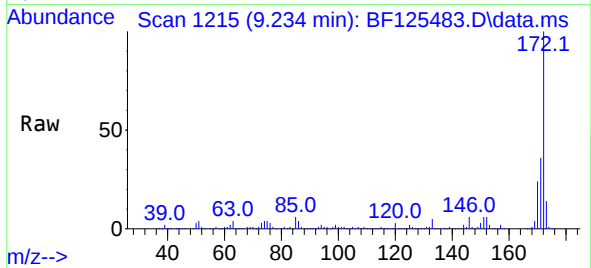




#45
2-Fluorobiphenyl
Concen: 66.301 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF125483.D
Acq: 14 Sep 2021 20:08

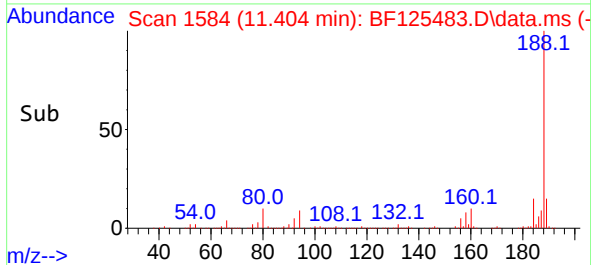
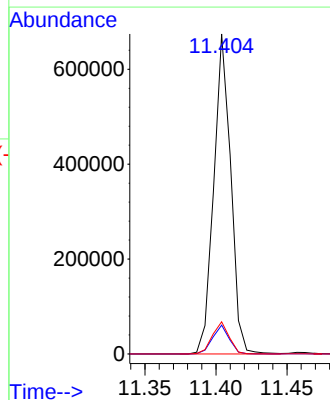
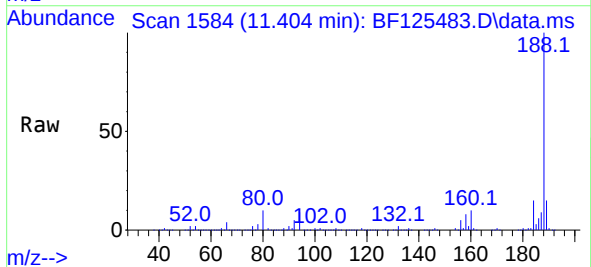
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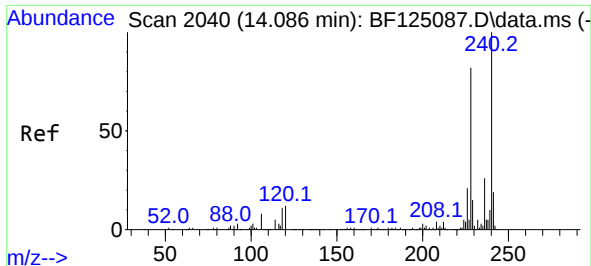
Tgt Ion:172 Resp: 1500833
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 23.6 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125483.D
Acq: 14 Sep 2021 20:08

Tgt Ion:188 Resp: 559570
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 10.0 7.5 11.3

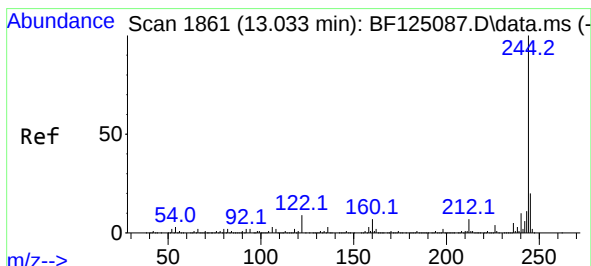
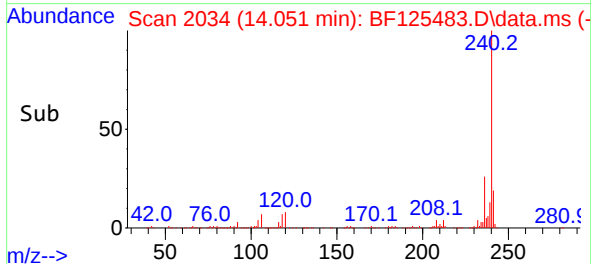
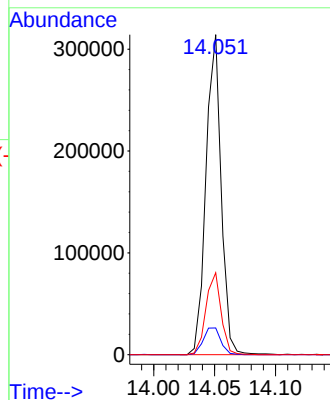
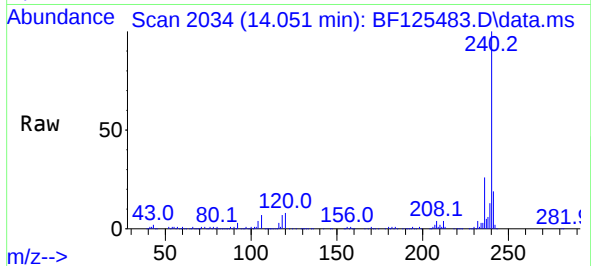




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125483.D
Acq: 14 Sep 2021 20:08

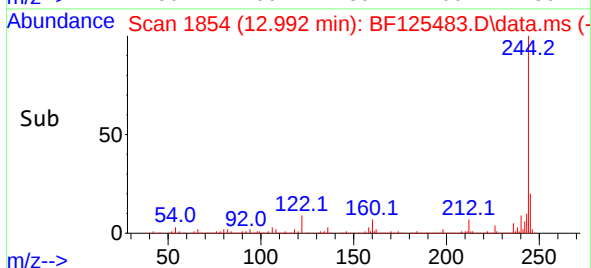
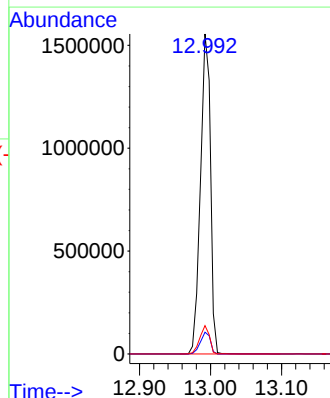
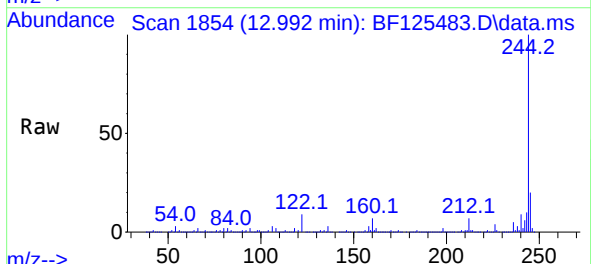
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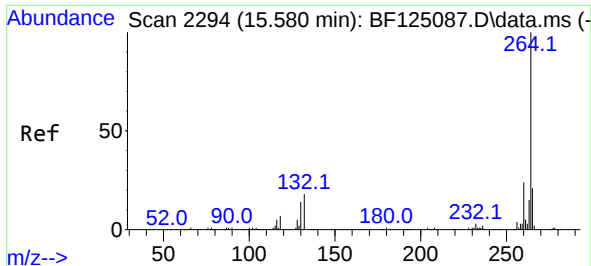
Tgt Ion:240 Resp: 272647
Ion Ratio Lower Upper
240 100
120 8.4 10.8 16.2#
236 25.6 21.6 32.4



#79
Terphenyl-d14
Concen: 89.299 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF125483.D
Acq: 14 Sep 2021 20:08

Tgt Ion:244 Resp: 1528290
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.8 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF125483.D
 Acq: 14 Sep 2021 20:08

Instrument :
 BNA_F
 ClientSampleId :
 31191

Tgt Ion:264 Resp: 293135
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.8 17.2 25.8

