

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125484.D
 Acq On : 14 Sep 2021 20:41
 Operator : JU/CG
 Sample : M3724-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOTE-COMP

Quant Time: Sep 15 01:06:39 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)

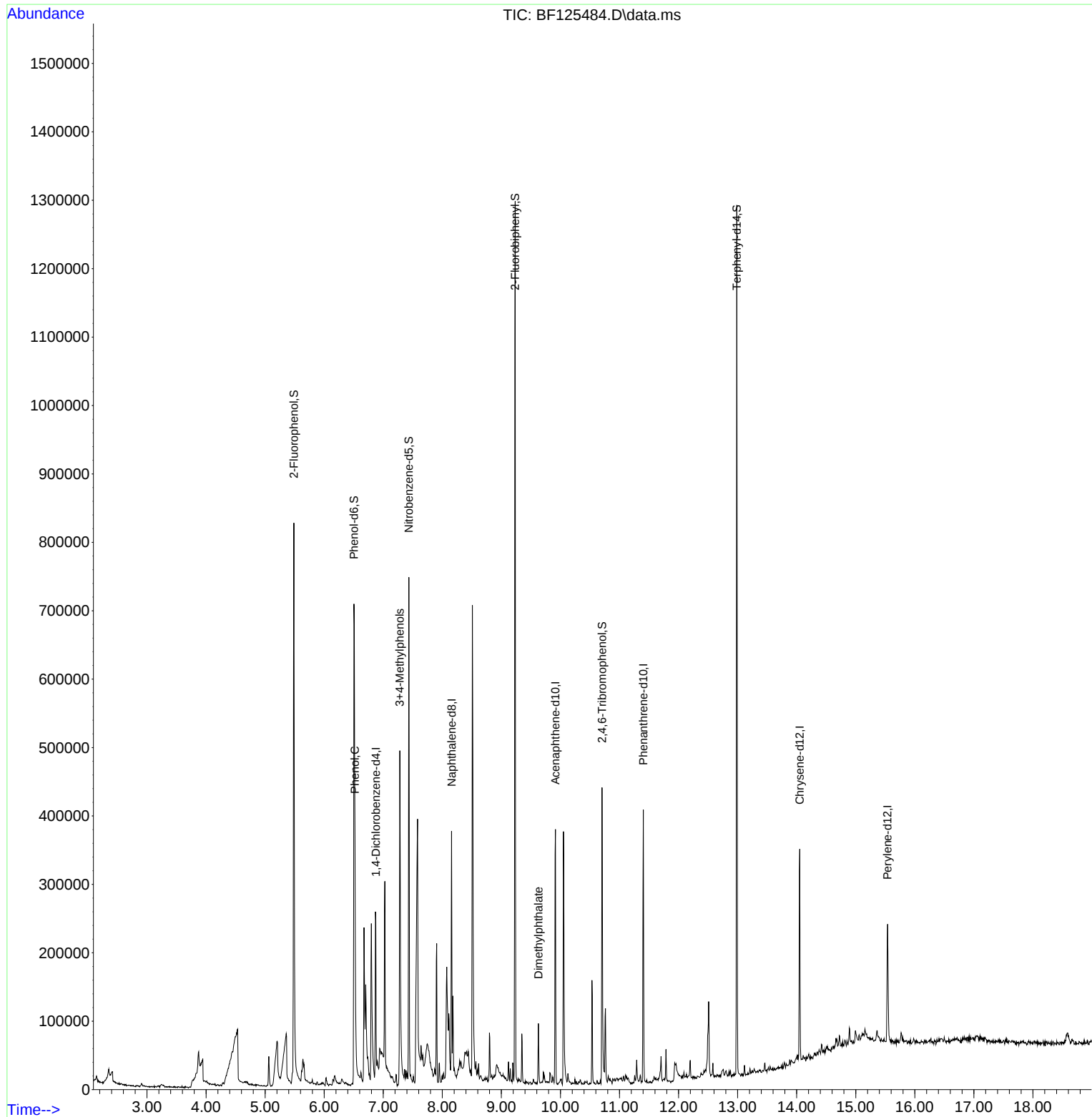
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	34114	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	142703	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	74441	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	142980	20.000	ng	0.00
76) Chrysene-d12	14.051	240	114021	20.000	ng	#-0.01
86) Perylene-d12	15.539	264	82857	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	222643	98.784	ng	-0.02
7) Phenol-d6	6.504	99	255899	87.789	ng	-0.02
23) Nitrobenzene-d5	7.434	82	194099	68.476	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	57239	77.029	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	374940	70.199	ng	0.00
79) Terphenyl-d14	12.986	244	391281	54.669	ng	-0.01
Target Compounds						
10) Phenol	6.522	94	92632	30.345	ng	Qvalue 99
20) 3+4-Methylphenols	7.281	107	131053	54.055	ng	# 73
50) Dimethylphthalate	9.628	163	26319	5.102	ng	# 98

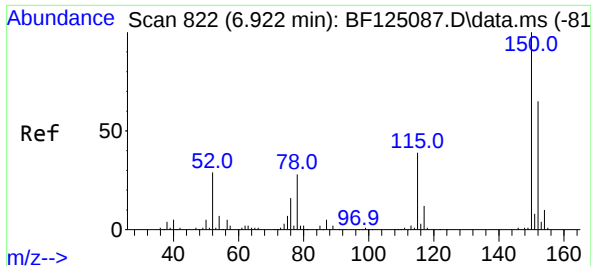
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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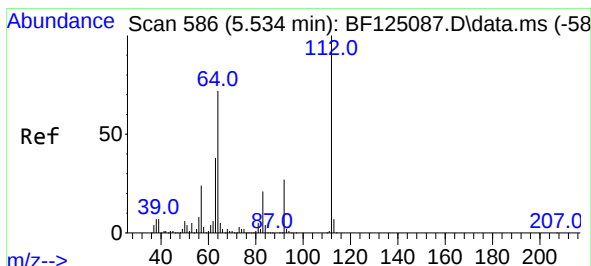
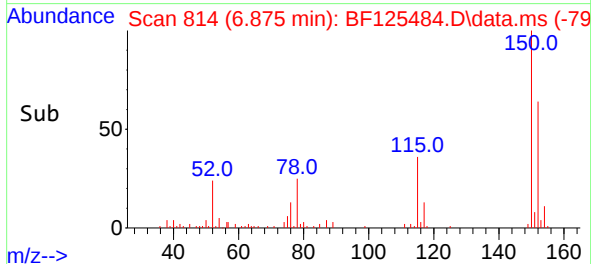
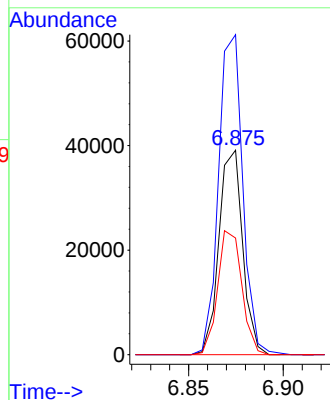
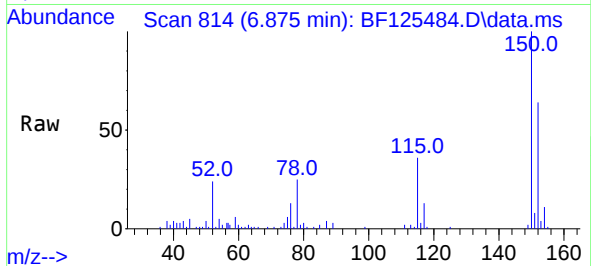




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

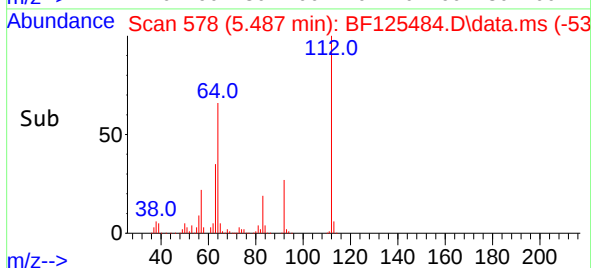
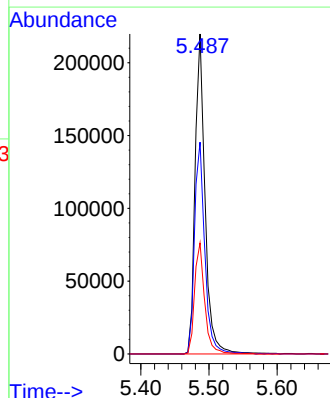
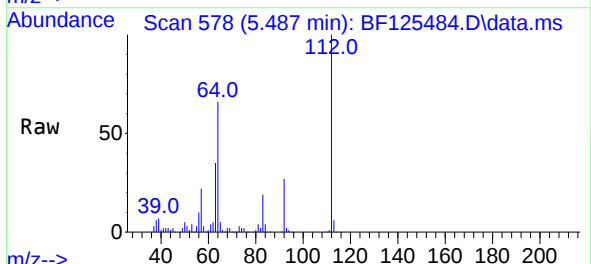
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

Tgt Ion:152 Resp: 34114
Ion Ratio Lower Upper
152 100
150 156.5 117.6 176.4
115 57.0 47.1 70.7



#5
2-Fluorophenol
Concen: 98.784 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.018 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion:112 Resp: 222643
Ion Ratio Lower Upper
112 100
64 66.2 44.2 66.2
63 34.7 26.2 39.2

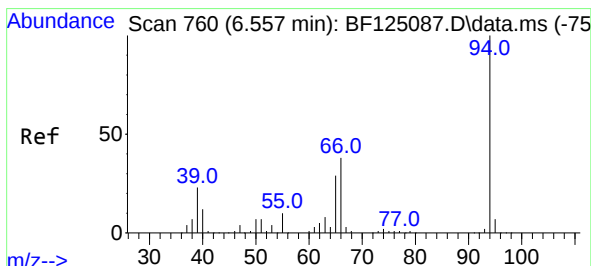
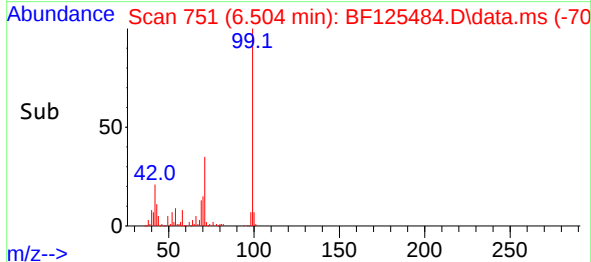
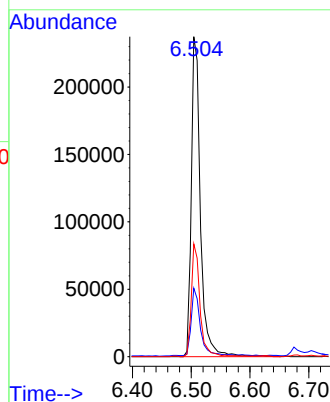
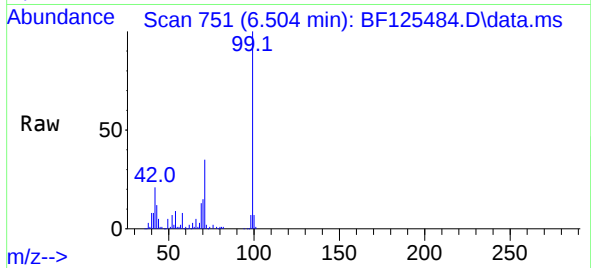




#7
Phenol-d6
Concen: 87.789 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

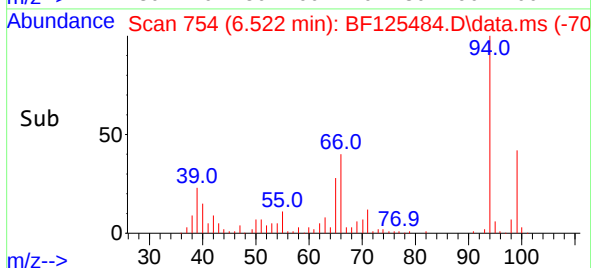
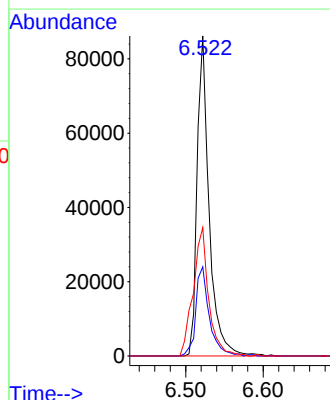
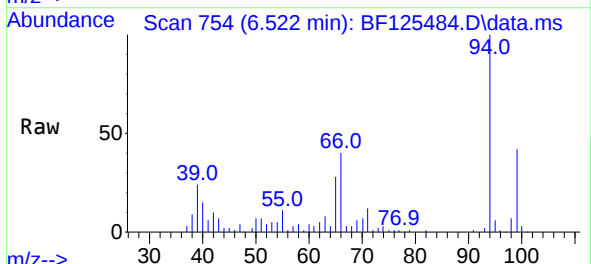
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

Tgt Ion: 99 Resp: 255899
Ion Ratio Lower Upper
99 100
42 21.4 23.5 35.3#
71 35.3 25.6 38.4

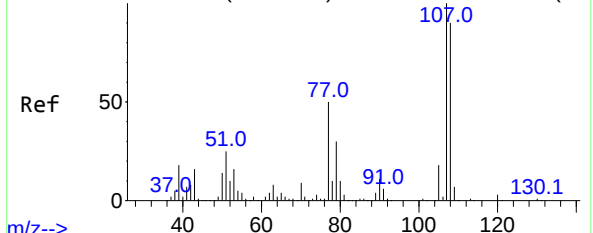


#10
Phenol
Concen: 30.345 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion: 94 Resp: 92632
Ion Ratio Lower Upper
94 100
65 27.8 9.3 49.3
66 40.1 20.3 60.3

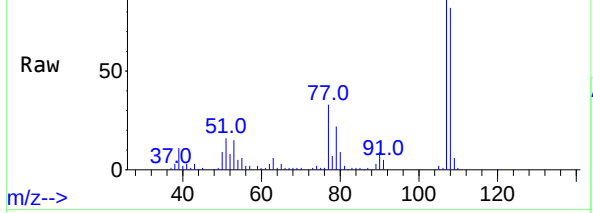


Abundance Scan 889 (7.316 min): BF125087.D\data.ms (-88



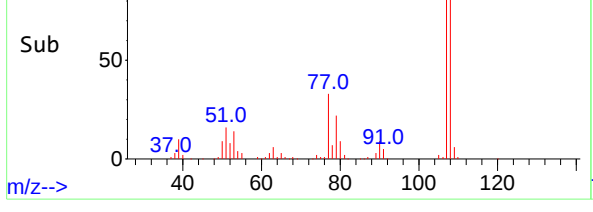
m/z-->

Abundance Scan 883 (7.281 min): BF125484.D\data.ms



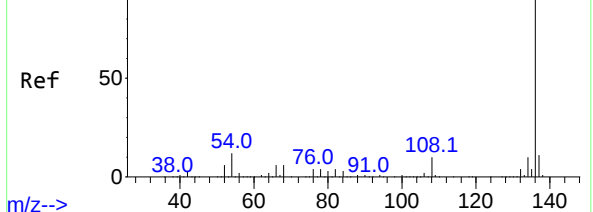
m/z-->

Abundance Scan 883 (7.281 min): BF125484.D\data.ms (-83



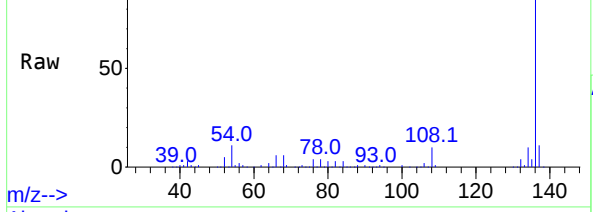
m/z-->

Abundance Scan 1040 (8.204 min): BF125087.D\data.ms (-1



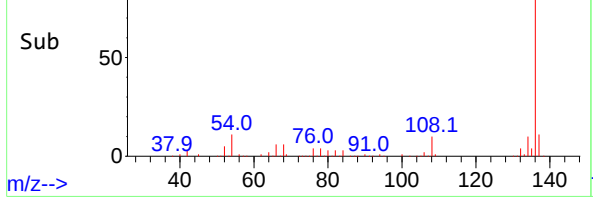
m/z-->

Abundance Scan 1032 (8.157 min): BF125484.D\data.ms



m/z-->

Abundance Scan 1032 (8.157 min): BF125484.D\data.ms (-9



m/z-->

#20

3+4-Methylphenols

Concen: 54.055 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.012 min

Lab File: BF125484.D

Acq: 14 Sep 2021 20:41

Tgt Ion:107 Resp: 131053

Ion Ratio Lower Upper

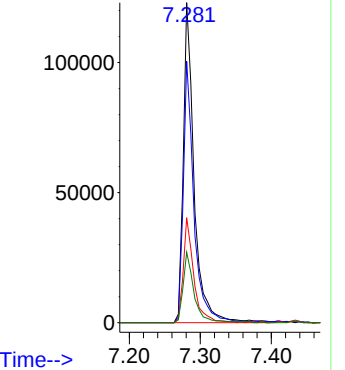
107 100

108 81.7 76.6 116.6

77 32.8 53.3 93.3#

79 22.0 8.7 48.7

Abundance



Time-->

#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF125484.D

Acq: 14 Sep 2021 20:41

Tgt Ion:136 Resp: 142703

Ion Ratio Lower Upper

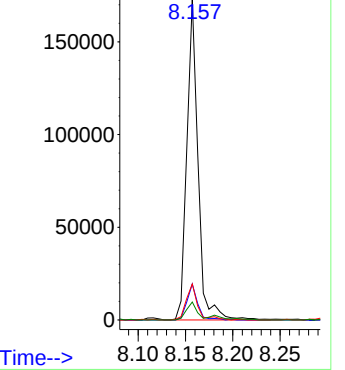
136 100

137 11.3 9.8 14.6

54 11.2 6.4 9.6#

68 5.6 3.3 4.9#

Abundance



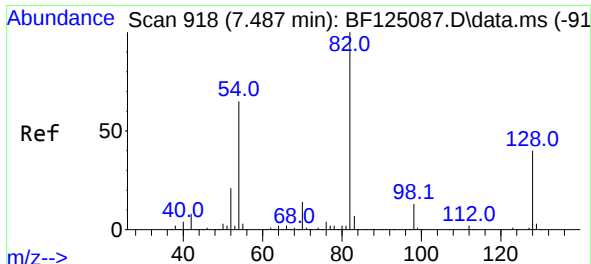
Time-->

Instrument :

BNA_F

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#23

Nitrobenzene-d5

Concen: 68.476 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.018 min

Lab File: BF125484.D

Acq: 14 Sep 2021 20:41

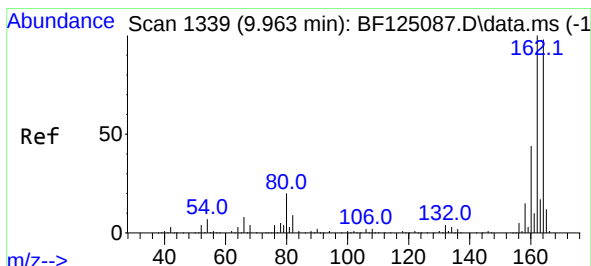
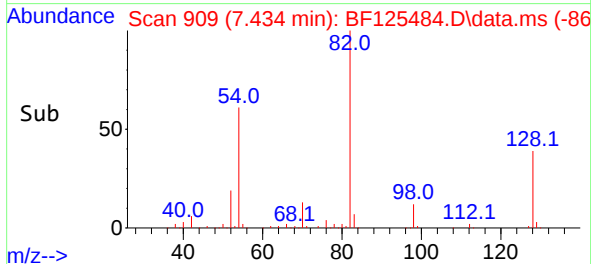
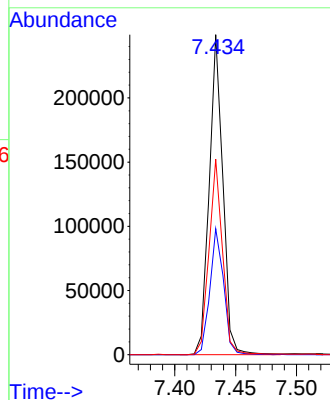
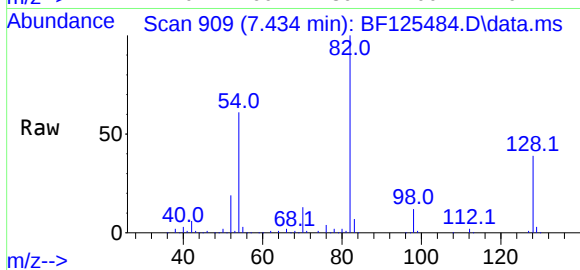
Tgt Ion: 82 Resp: 194099

Ion Ratio Lower Upper

82 100

128 39.3 40.6 60.8#

54 61.1 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF125484.D

Acq: 14 Sep 2021 20:41

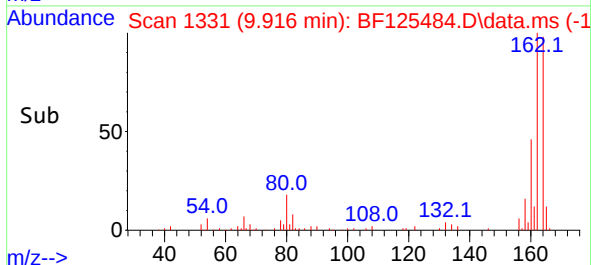
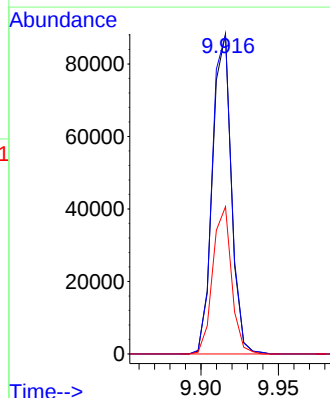
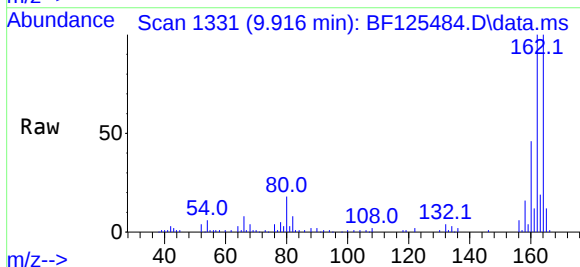
Tgt Ion:164 Resp: 74441

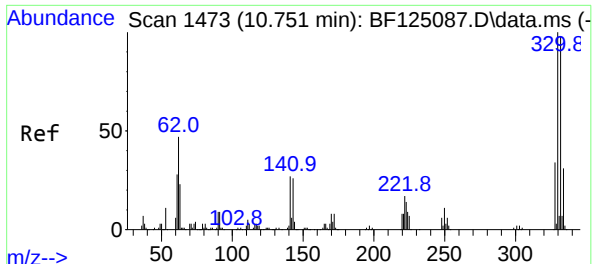
Ion Ratio Lower Upper

164 100

162 99.7 81.3 121.9

160 46.0 38.0 57.0

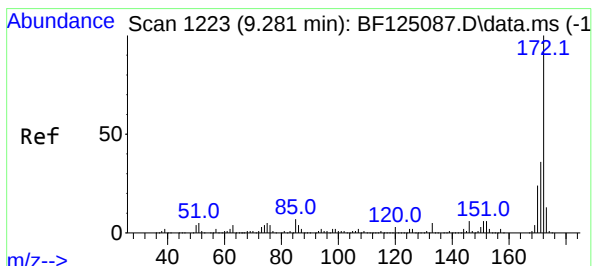
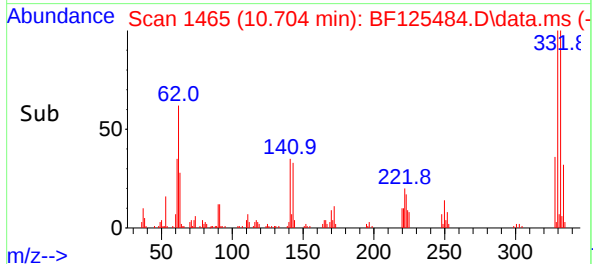
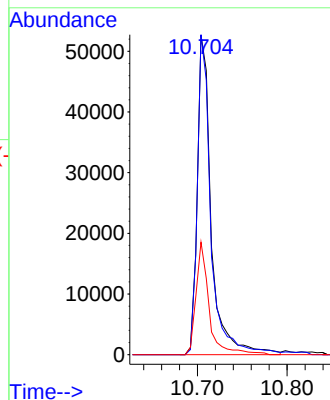
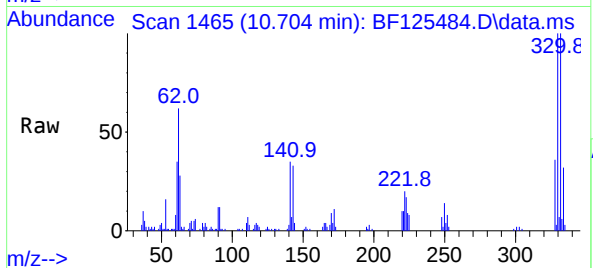




#42
2,4,6-Tribromophenol
Concen: 77.029 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

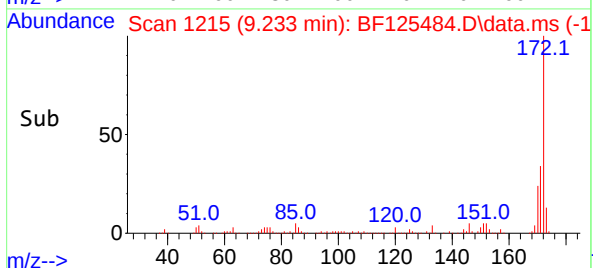
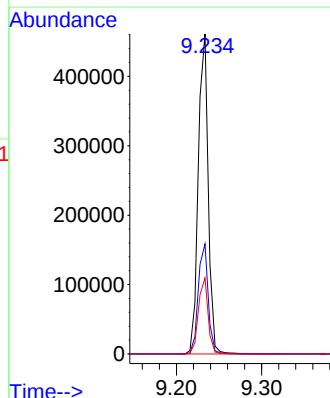
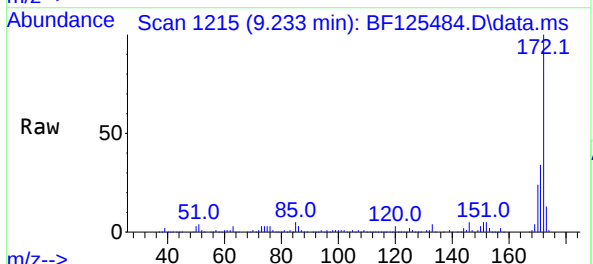
Instrument :
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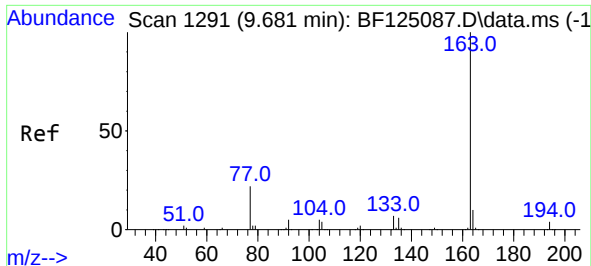
Tgt Ion: 330 Resp: 57239
Ion Ratio Lower Upper
330 100
332 98.2 76.2 114.4
141 32.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.199 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion: 172 Resp: 374940
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 23.8 18.8 28.2

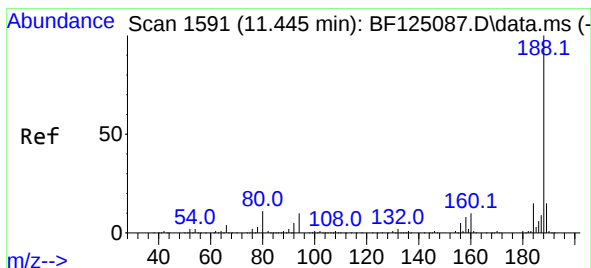
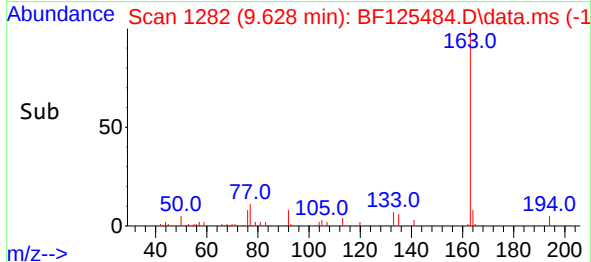
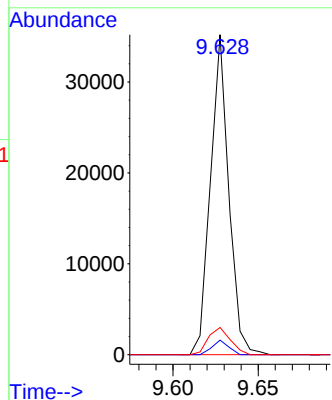
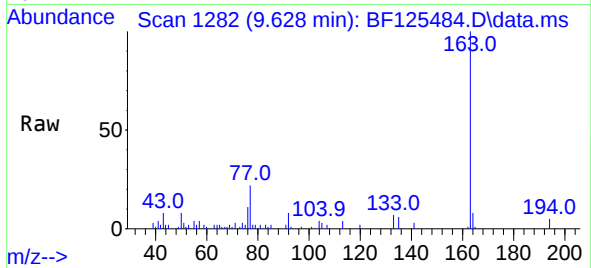




#50
Dimethylphthalate
Concen: 5.102 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.018 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

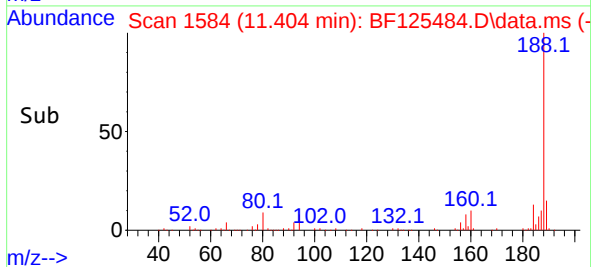
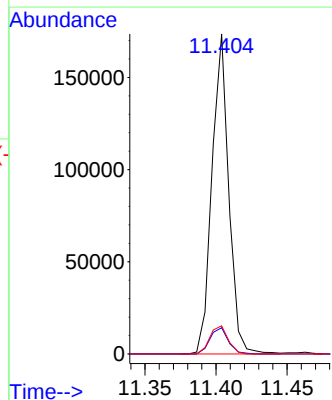
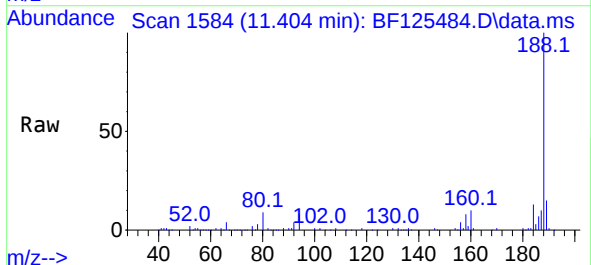
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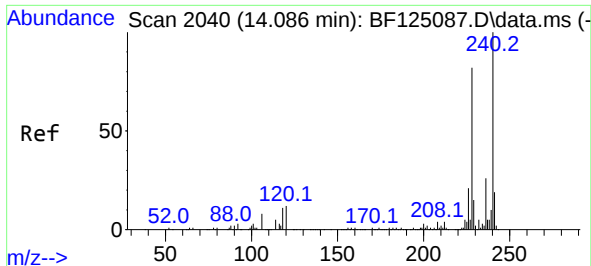
Tgt Ion:163 Resp: 26319
Ion Ratio Lower Upper
163 100
194 4.5 2.6 3.8#
164 8.5 7.4 11.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion:188 Resp: 142980
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.8 7.5 11.3

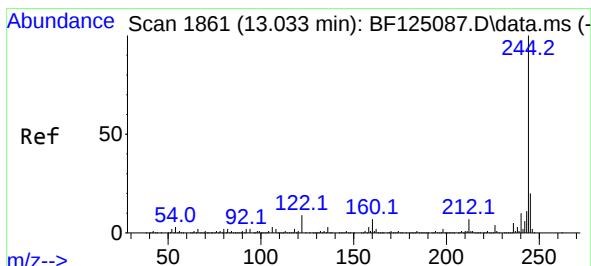
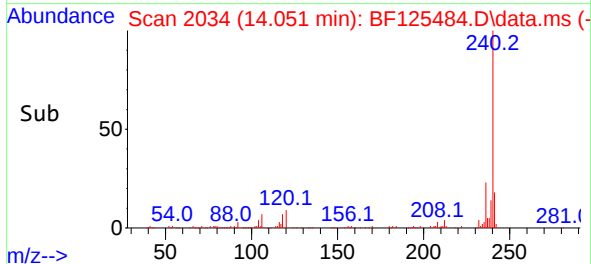
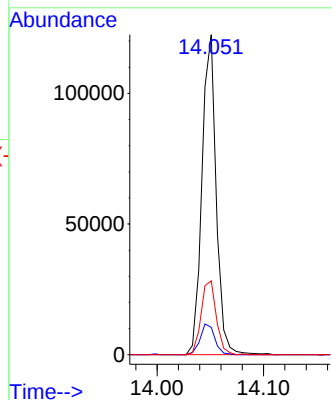
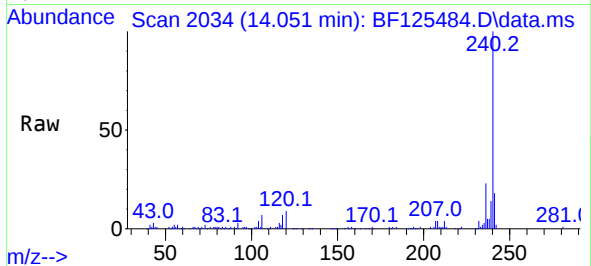




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

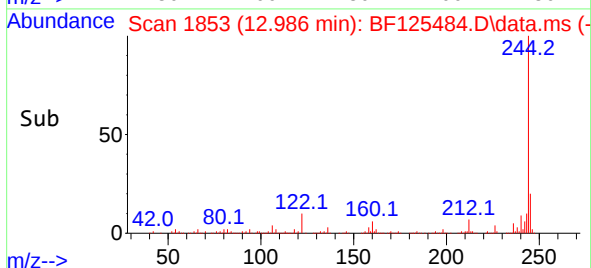
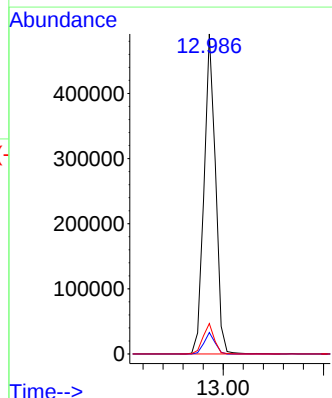
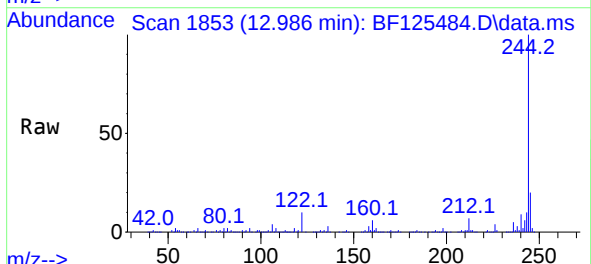
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

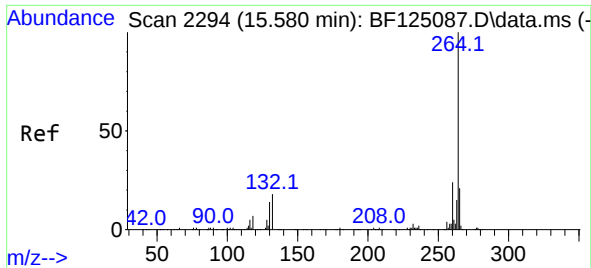
Tgt Ion:240 Resp: 114021
Ion Ratio Lower Upper
240 100
120 8.6 10.8 16.2#
236 23.1 21.6 32.4



#79
Terphenyl-d14
Concen: 54.669 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion:244 Resp: 391281
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.5 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: BF125484.D
 Acq: 14 Sep 2021 20:41

Instrument :
 BNA_F
 ClientSampleId :
 TOTE-COMP

Tgt Ion:264	Resp:	82857
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.6 29.4
265	21.5	17.2 25.8

