

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
 Data File : BF124865.D
 Acq On : 29 Jul 2021 22:46
 Operator : JU/CG
 Sample : M3216-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210593-AMENDED-COM-7

Quant Time: Jul 30 02:55:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6818	20.000	ng	# 0.00
21) Naphthalene-d8	8.151	136	27617	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	16016	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	32790	20.000	ng	0.00
76) Chrysene-d12	14.039	240	24222	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	17360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	52481	130.330	ng	0.02
7) Phenol-d6	6.504	99	67606	133.921	ng	0.00
23) Nitrobenzene-d5	7.434	82	44009	94.844	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	18978	138.009	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	88424	81.089	ng	0.00
79) Terphenyl-d14	12.986	244	120105	84.996	ng	0.00

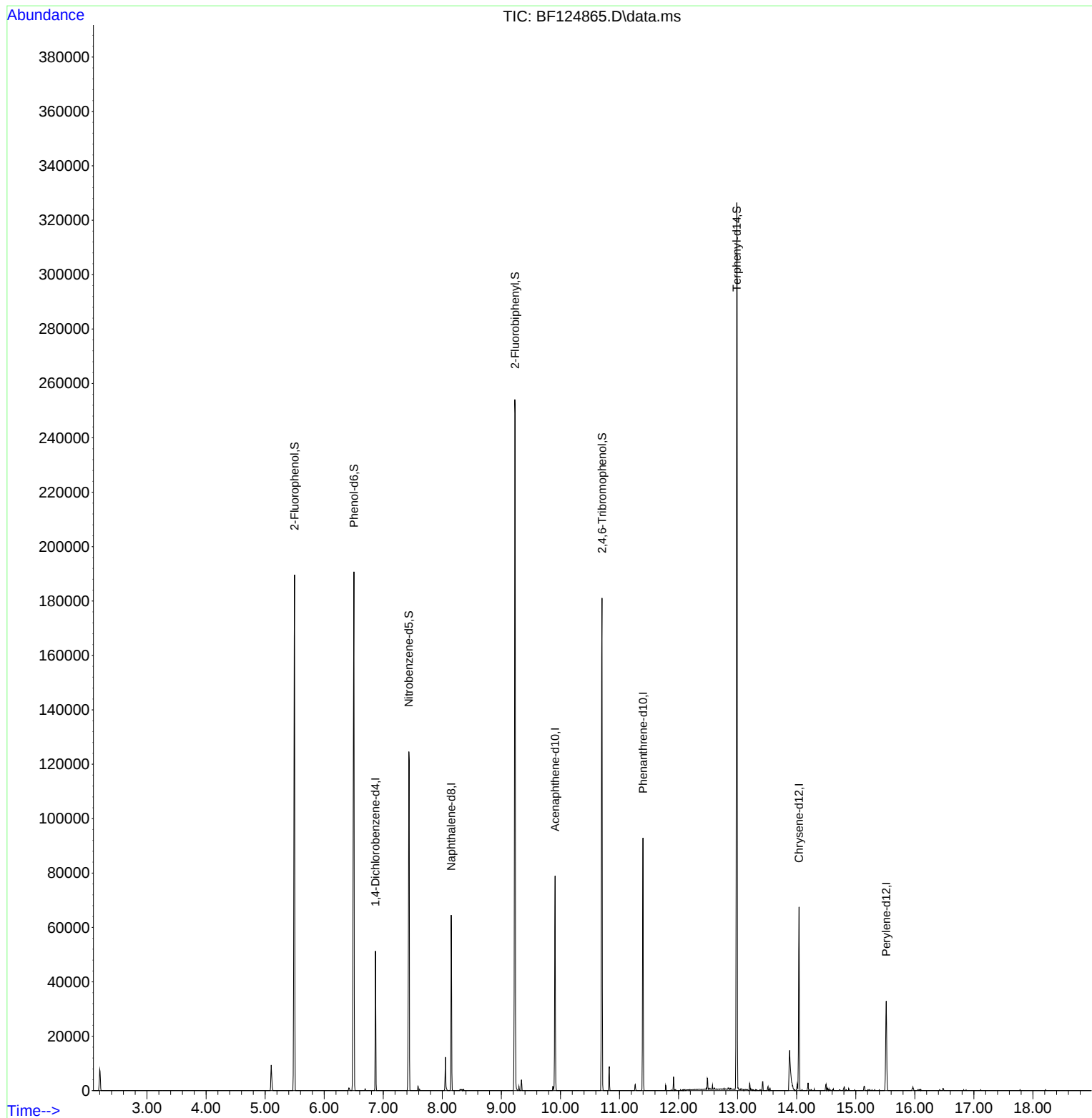
Target Compounds	Qvalue

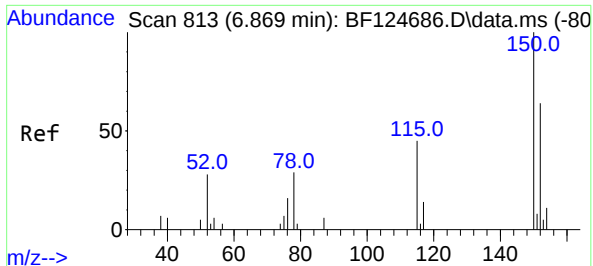
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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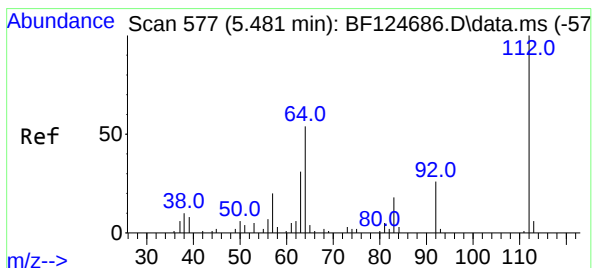
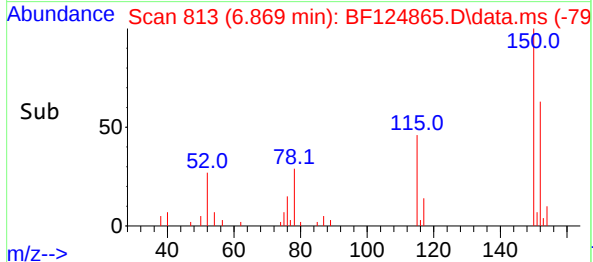
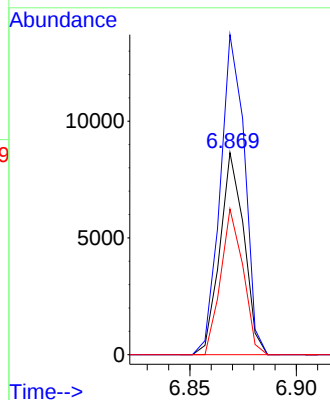
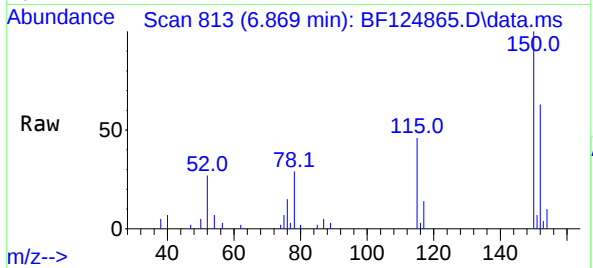




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

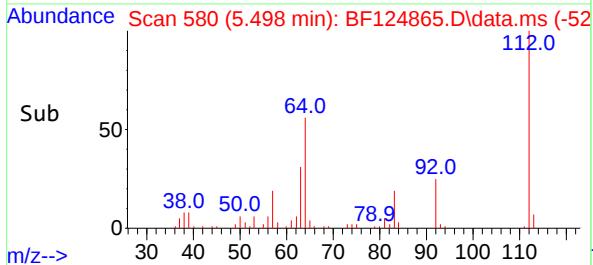
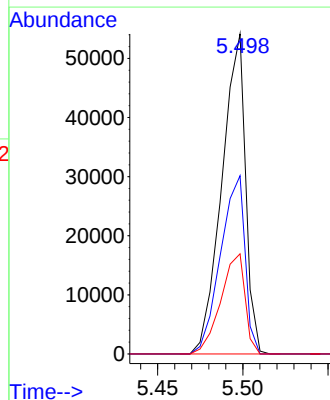
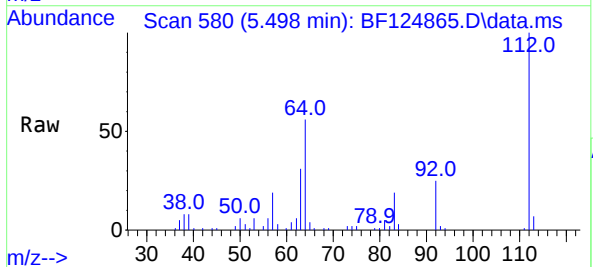
Instrument :
BNA_F
ClientSampleId :
20210593-AMENDED-COM-7

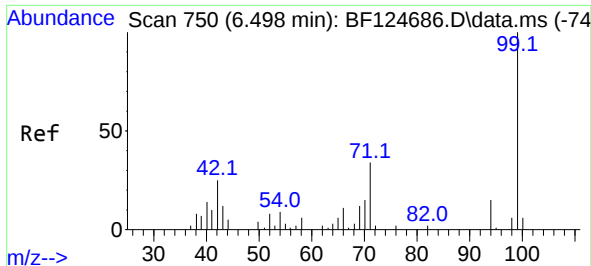
Tgt Ion:152 Resp: 6818
Ion Ratio Lower Upper
152 100
150 158.3 117.6 176.4
115 72.1 47.1 70.7#



#5
2-Fluorophenol
Concen: 130.330 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

Tgt Ion:112 Resp: 52481
Ion Ratio Lower Upper
112 100
64 55.7 44.2 66.2
63 31.3 26.2 39.2

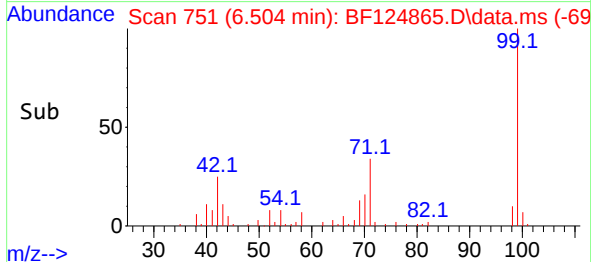
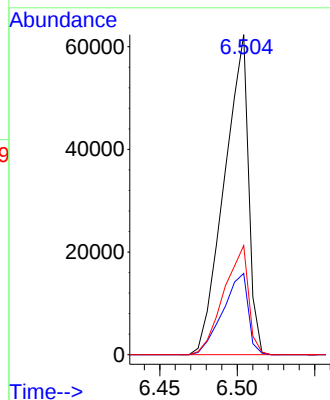
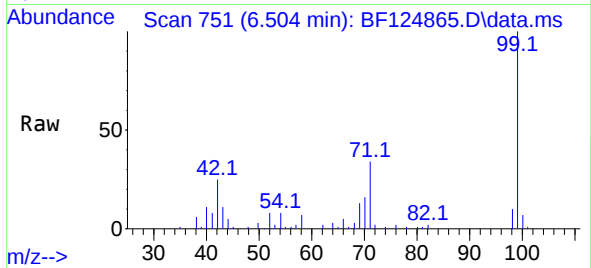




#7
Phenol-d6
Concen: 133.921 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

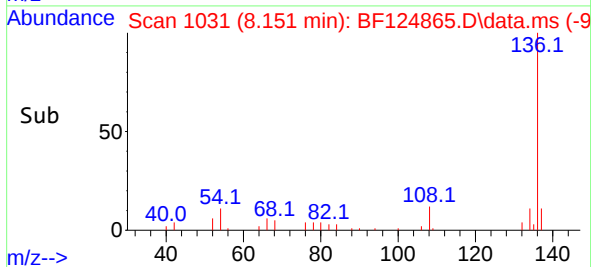
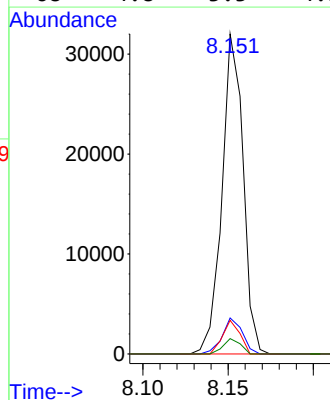
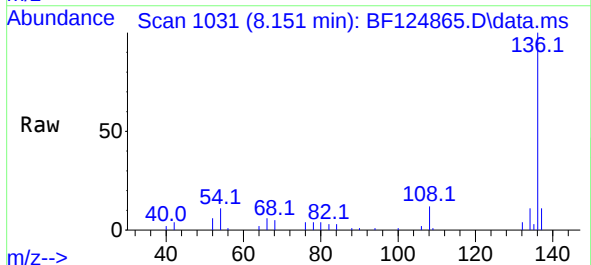
Instrument :
BNA_F
ClientSampleId :
20210593-AMENDED-COM-7

Tgt Ion: 99 Resp: 67606
Ion Ratio Lower Upper
99 100
42 25.4 23.5 35.3
71 34.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

Tgt Ion: 136 Resp: 27617
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 10.5 6.4 9.6#
68 4.8 3.3 4.9





#23

Nitrobenzene-d5

Concen: 94.844 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124865.D

Acq: 29 Jul 2021 22:46

Tgt Ion: 82 Resp: 44009

Ion Ratio Lower Upper

82 100

128 45.6 40.6 60.8

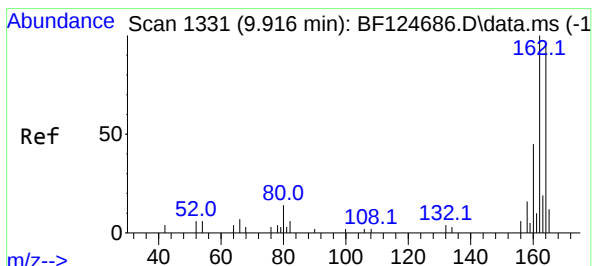
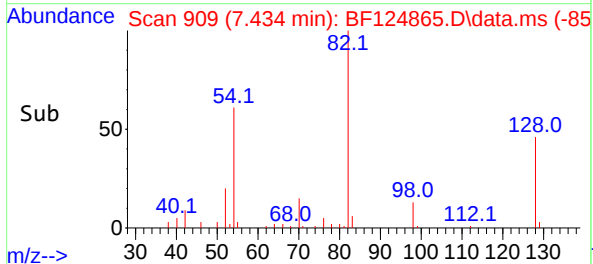
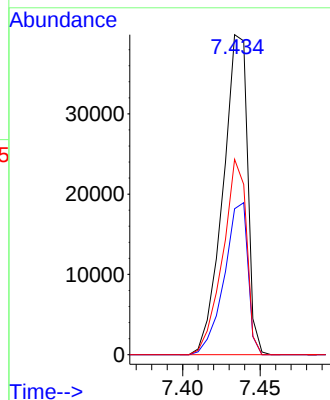
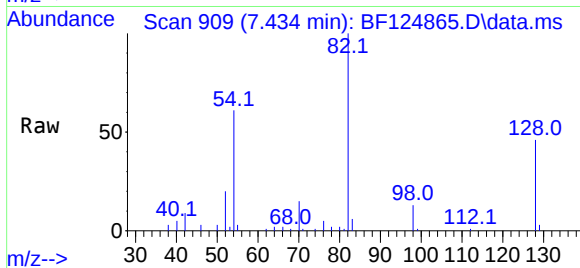
54 61.1 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF124865.D

Acq: 29 Jul 2021 22:46

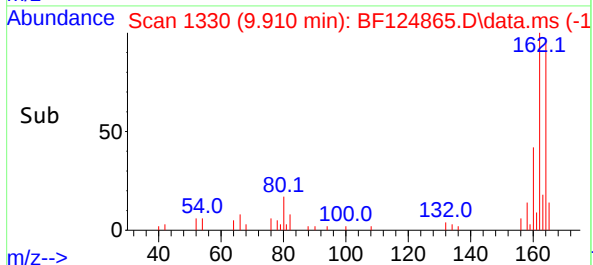
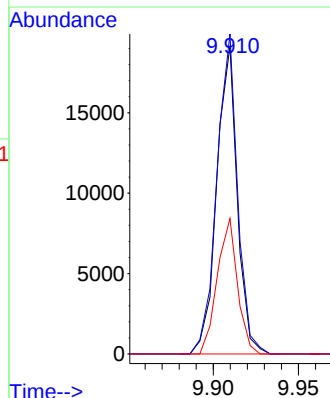
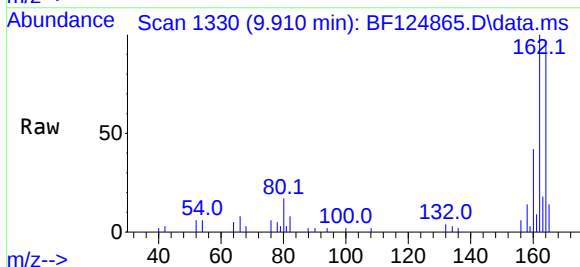
Tgt Ion:164 Resp: 16016

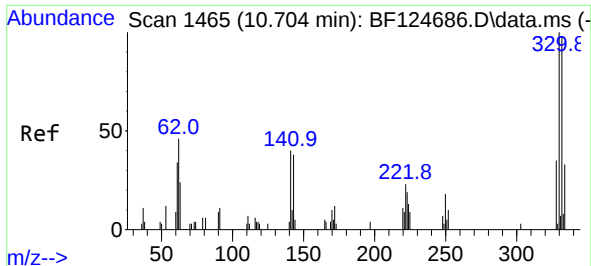
Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

160 44.0 38.0 57.0

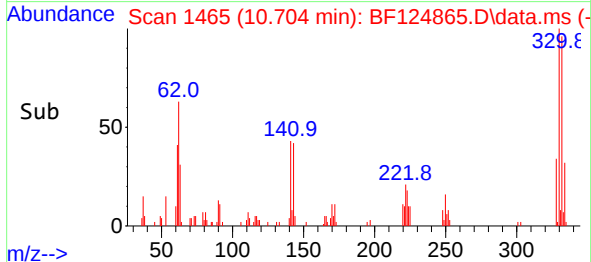
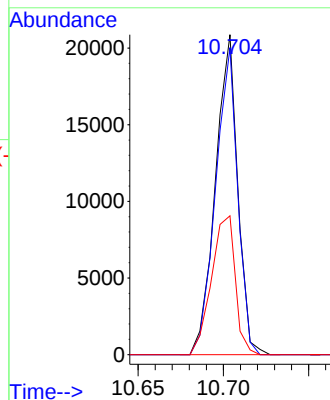
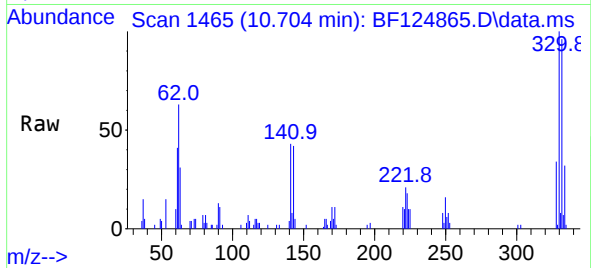




#42
2,4,6-Tribromophenol
Concen: 138.009 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

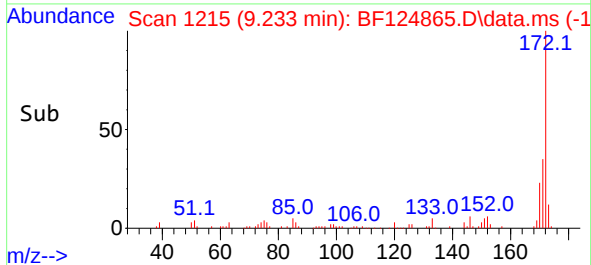
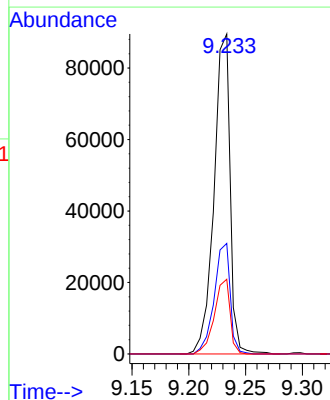
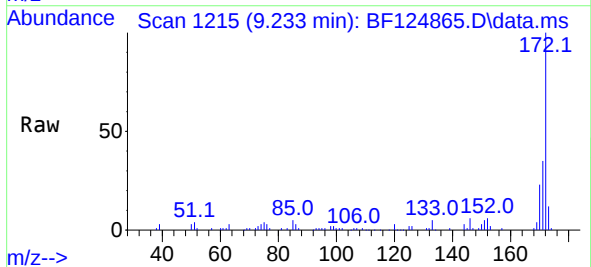
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Tgt Ion:	330	Resp:	18978
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.2	114.4
141	46.5	44.6	66.8



#45
2-Fluorobiphenyl
Concen: 81.089 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

Tgt Ion:	172	Resp:	88424
Ion Ratio	Lower	Upper	
172	100		
171	34.6	26.5	39.7
170	23.4	18.8	28.2

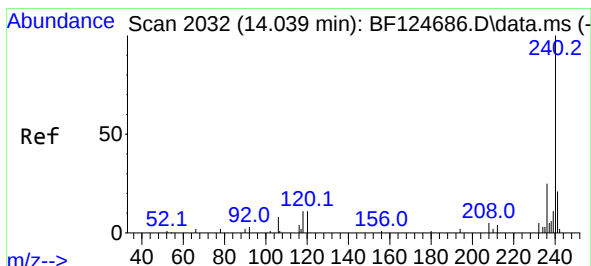
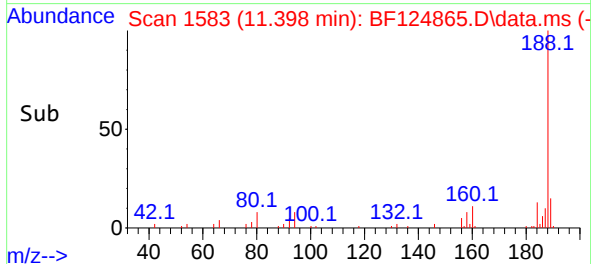
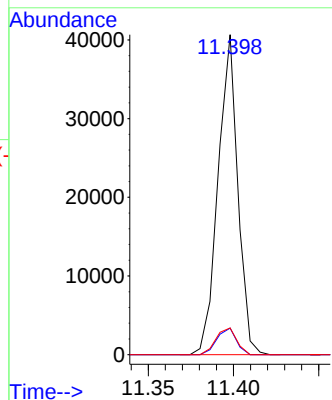
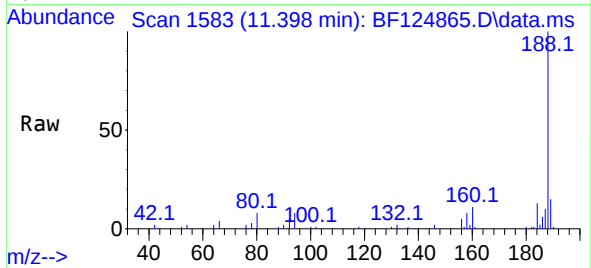




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

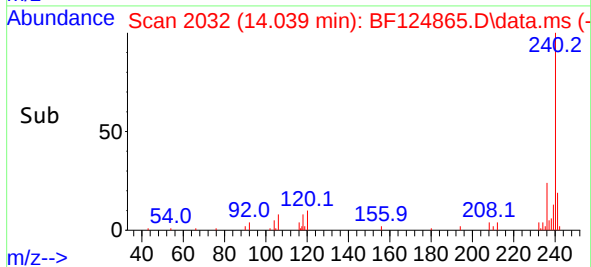
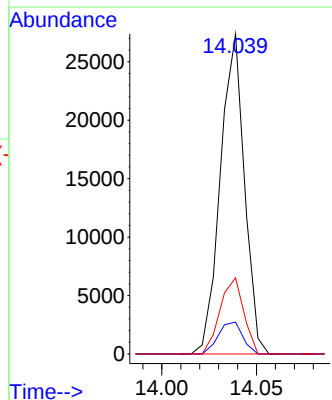
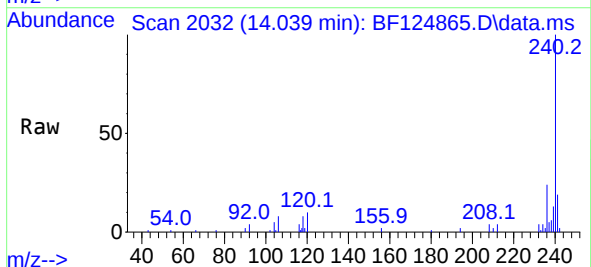
Instrument :
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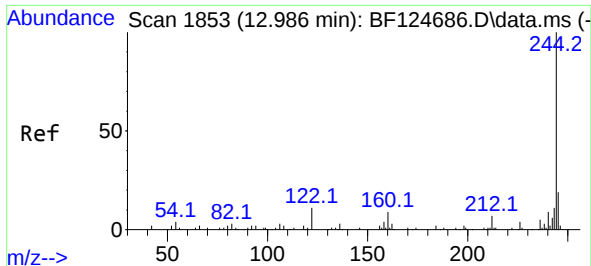
Tgt Ion:188 Resp: 32790
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.3 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

Tgt Ion:240 Resp: 24222
Ion Ratio Lower Upper
240 100
120 9.9 10.8 16.2#
236 23.8 21.6 32.4

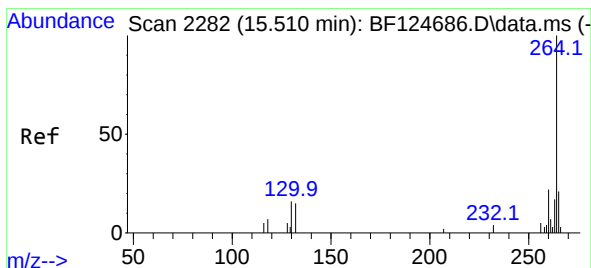
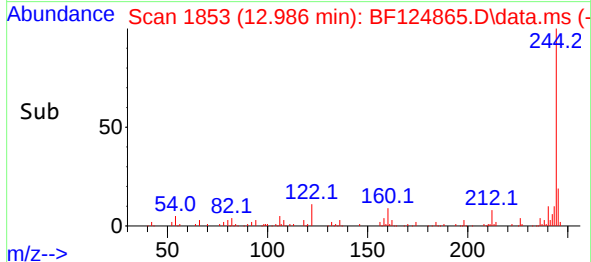
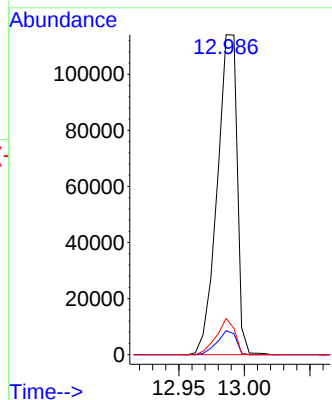
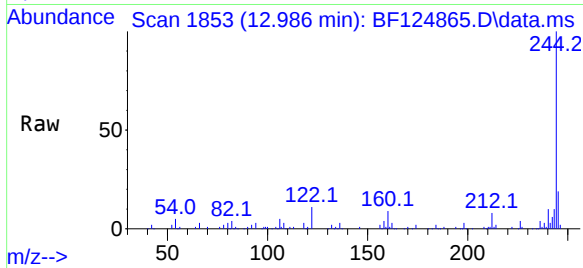




#79
 Terphenyl-d14
 Concen: 84.996 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124865.D
 Acq: 29 Jul 2021 22:46

Instrument :
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Tgt Ion:	244	Resp:	120105
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.9	8.9
122	11.3	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124865.D
 Acq: 29 Jul 2021 22:46

Tgt Ion:	264	Resp:	17360
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.6	29.4
265	19.6	17.2	25.8

