

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124077.D
 Acq On : 26 May 2021 22:20
 Operator : JU/CG
 Sample : M2535-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-2

Quant Time: May 27 04:54:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

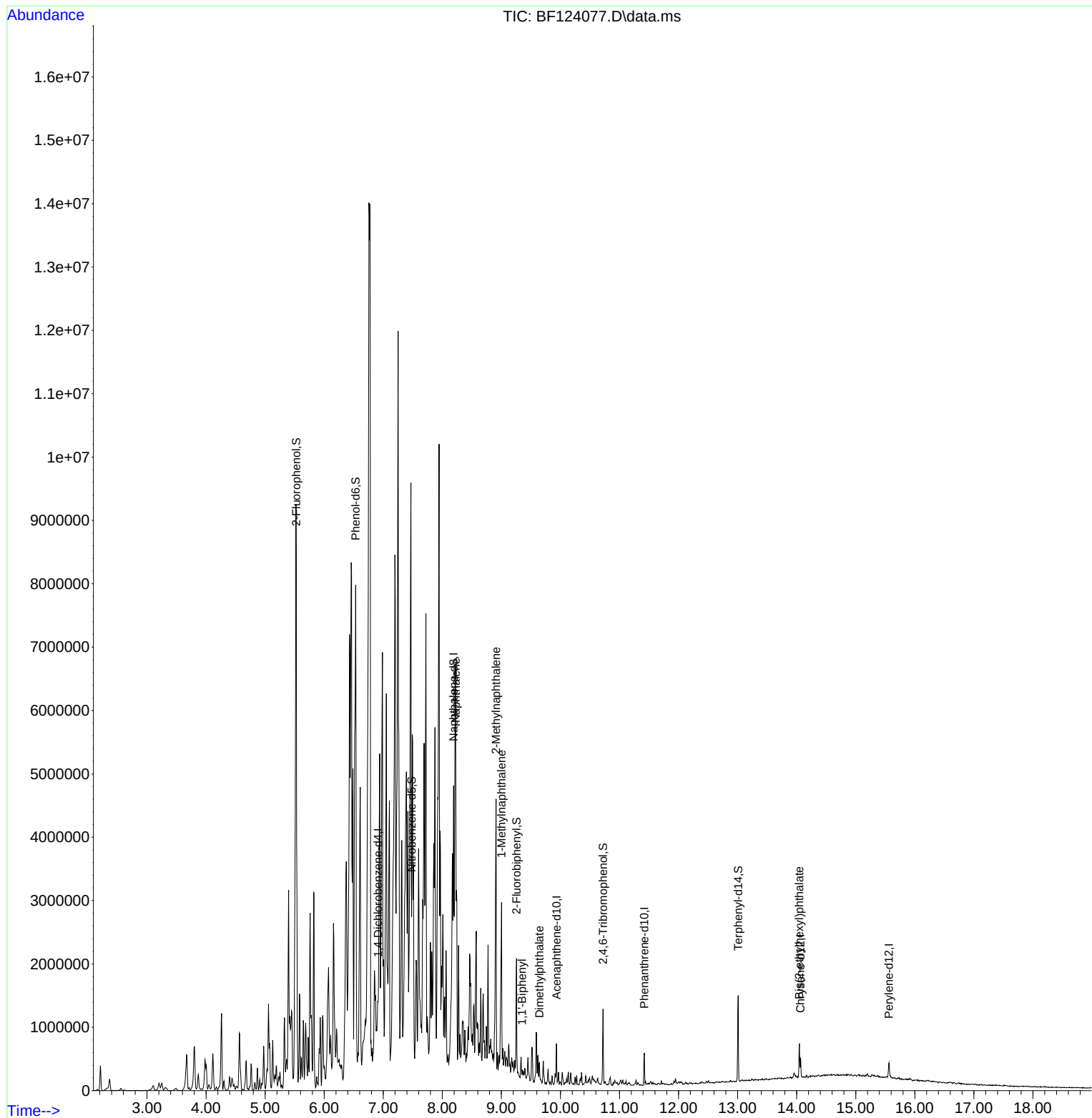
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	53871	20.00	ng	0.00
21) Naphthalene-d8	8.192	136	182695	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	103329	20.00	ng	-0.01
64) Phenanthrene-d10	11.422	188	170623	20.00	ng	0.00
76) Chrysene-d12	14.063	240	99230	20.00	ng	0.00
86) Perylene-d12	15.562	264	99401	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	308657	80.45	ng	0.02
7) Phenol-d6	6.534	99	406717	81.71	ng	0.01
23) Nitrobenzene-d5	7.481	82	324645	76.56	ng	0.02
42) 2,4,6-Tribromophenol	10.722	330	118650	95.60	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	482345	57.44	ng	0.00
79) Terphenyl-d14	13.010	244	388329	59.27	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.228	128	2253066	208.38	ng	97
37) 2-Methylnaphthalene	8.910	142	1253450	171.04	ng	98
38) 1-Methylnaphthalene	9.004	142	571381	83.56	ng	93
46) 1,1'-Biphenyl	9.351	154	28842	3.17	ng	98
50) Dimethylphthalate	9.645	163	78515	9.52	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	127142	26.08	ng	94

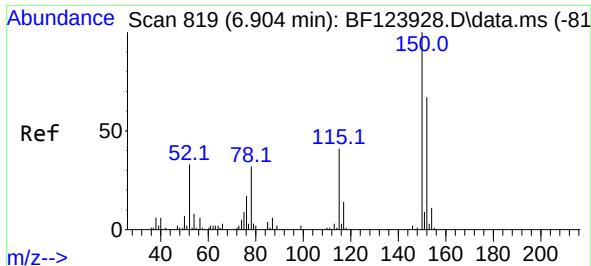
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124077.D
Acq On : 26 May 2021 22:20
Operator : JU/CG
Sample : M2535-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-2

Quant Time: May 27 04:54:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

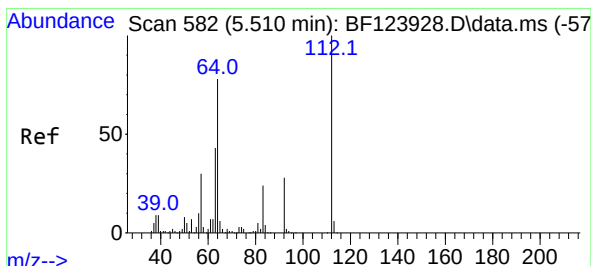
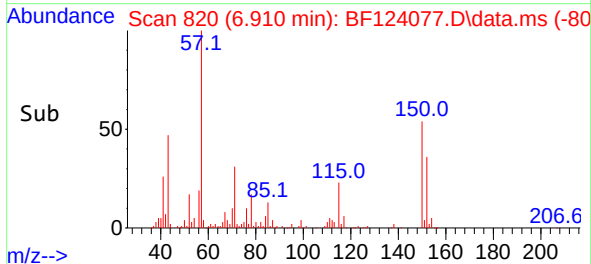
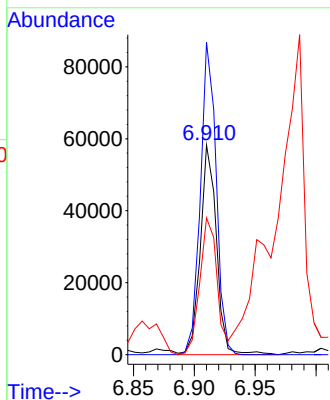
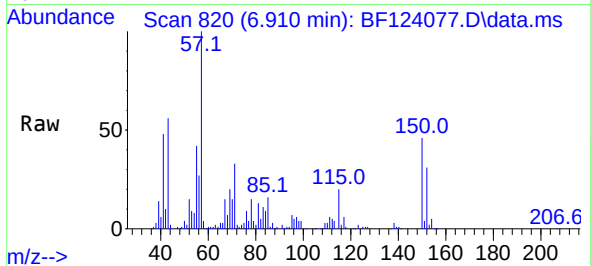




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.910 min Scan# 820
Delta R.T. 0.006 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

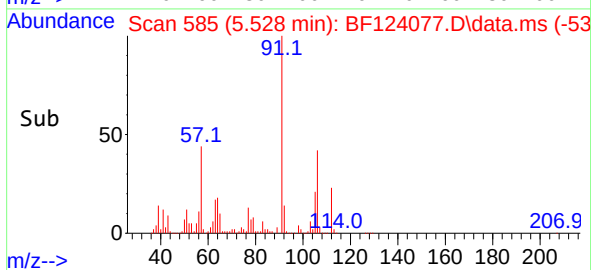
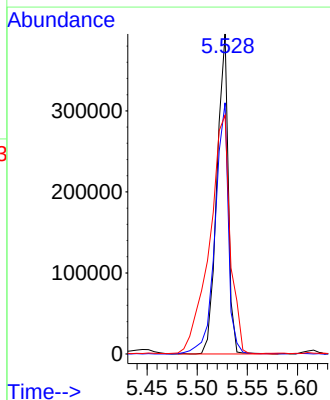
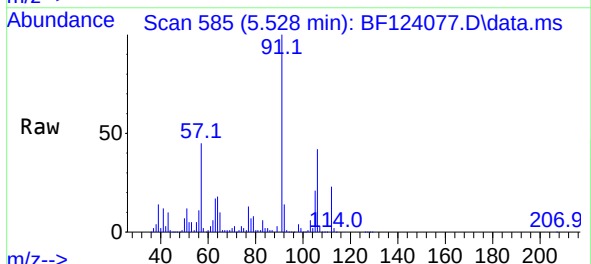
Instrument :
BNA_F
ClientSampled :
GHOST-2

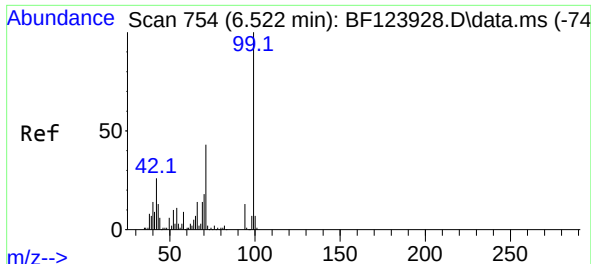
Tgt Ion:152 Resp: 53871
Ion Ratio Lower Upper
152 100
150 149.0 127.0 190.6
115 65.3 54.3 81.5



#5
2-Fluorophenol
Concen: 80.45 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

Tgt Ion:112 Resp: 308657
Ion Ratio Lower Upper
112 100
64 78.5 61.4 92.0
63 74.6 33.0 49.4#

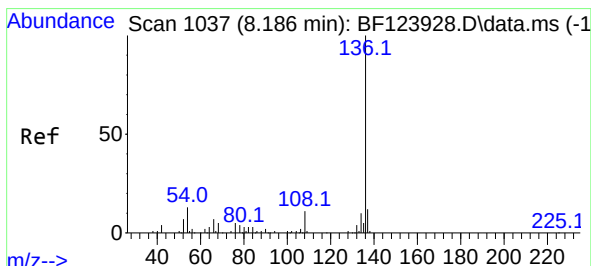
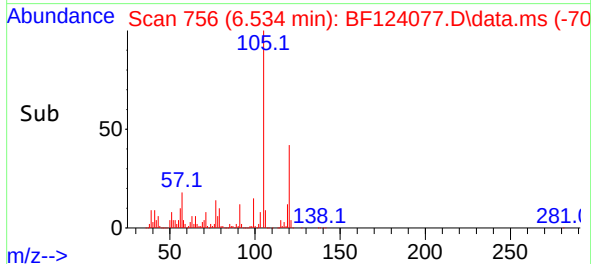
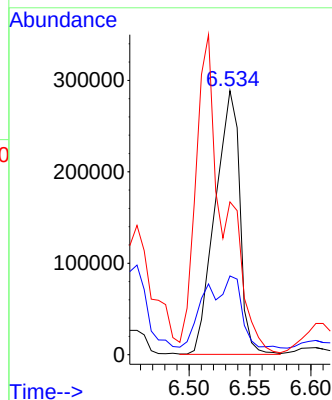
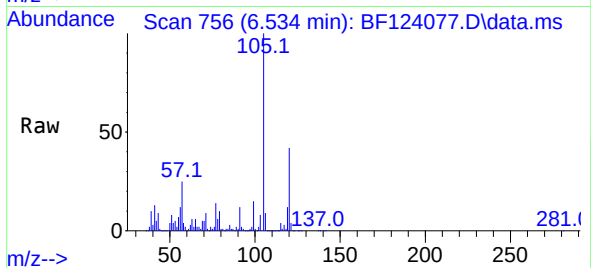




#7
Phenol-d6
Concen: 81.71 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.012 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

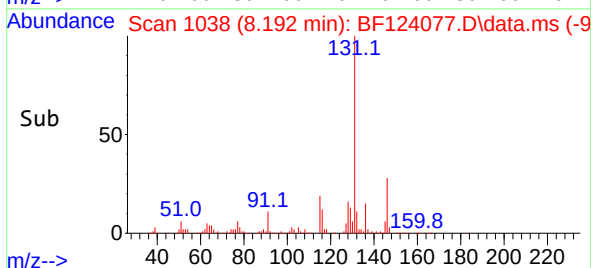
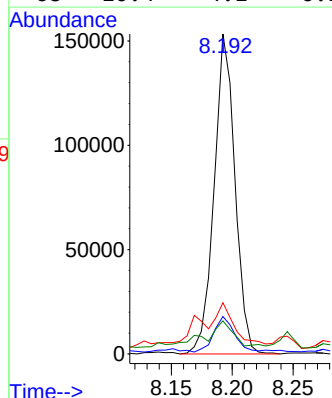
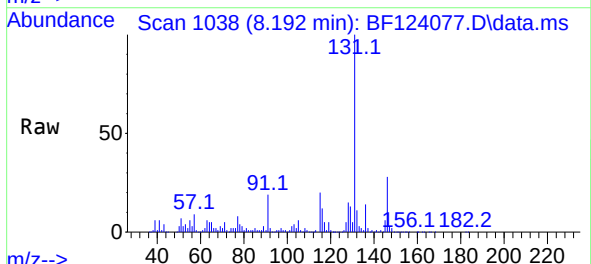
Instrument :
BNA_F
ClientSampled :
GHOST-2

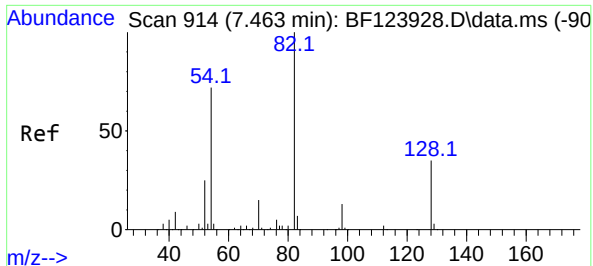
Tgt Ion: 99 Resp: 406717
Ion Ratio Lower Upper
99 100
42 29.8 19.8 29.8#
71 57.9 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.006 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

Tgt Ion: 136 Resp: 182695
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 16.0 9.8 14.6#
68 10.4 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 76.56 ng

RT: 7.481 min Scan# 917

Delta R.T. 0.018 min

Lab File: BF124077.D

Acq: 26 May 2021 22:20

Instrument :

BNA_F

ClientSampled :

GHOST-2

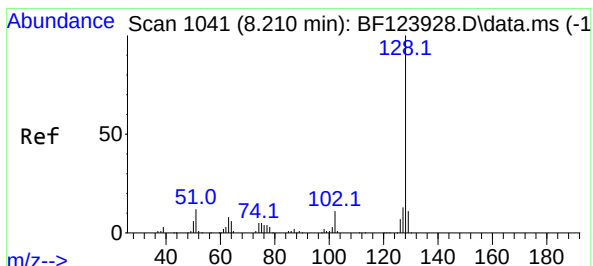
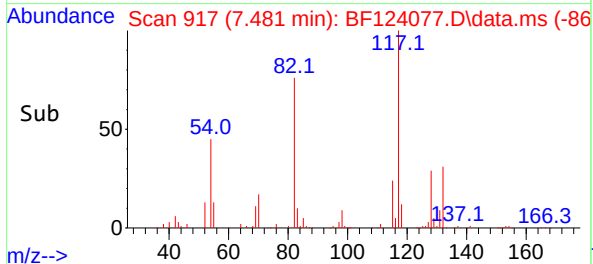
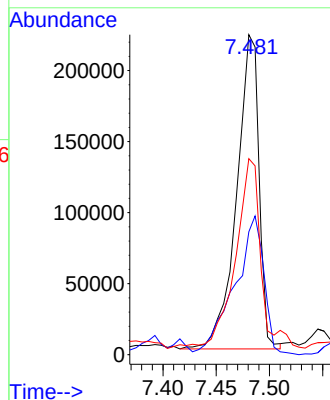
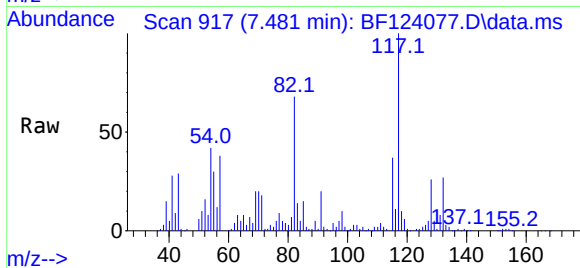
Tgt Ion: 82 Resp: 324645

Ion Ratio Lower Upper

82 100

128 38.4 29.4 44.2

54 61.3 54.1 81.1



#31

Naphthalene

Concen: 208.38 ng

RT: 8.228 min Scan# 1044

Delta R.T. 0.018 min

Lab File: BF124077.D

Acq: 26 May 2021 22:20

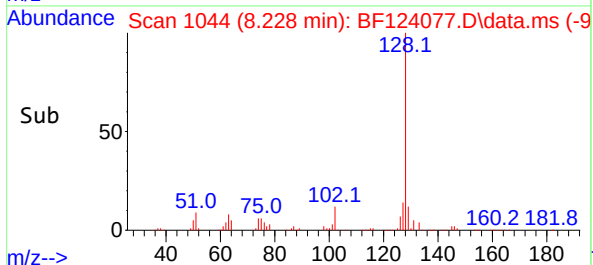
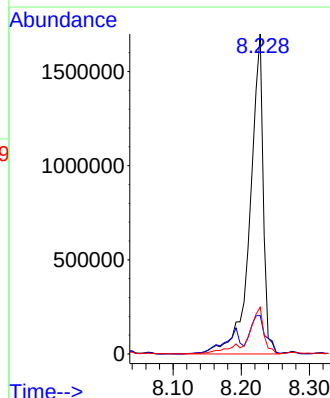
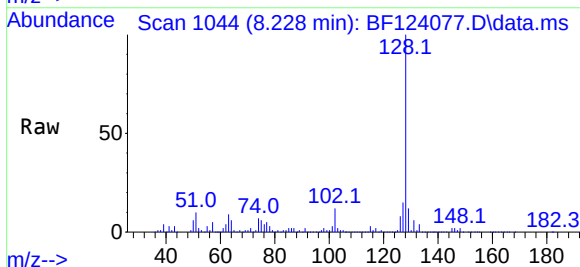
Tgt Ion:128 Resp: 2253066

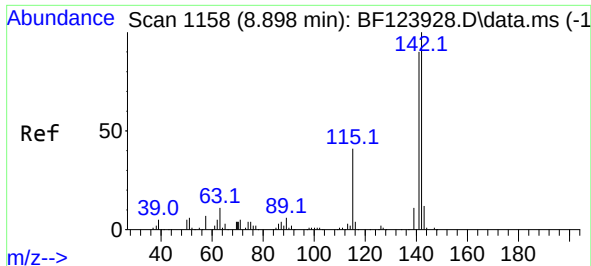
Ion Ratio Lower Upper

128 100

129 12.0 8.9 13.3

127 14.6 10.8 16.2

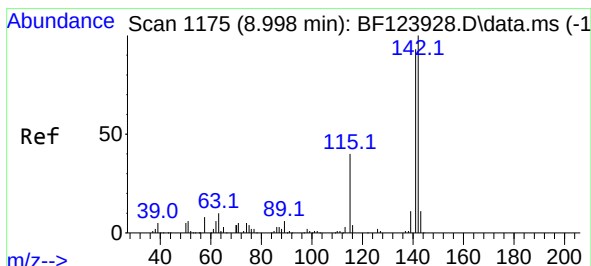
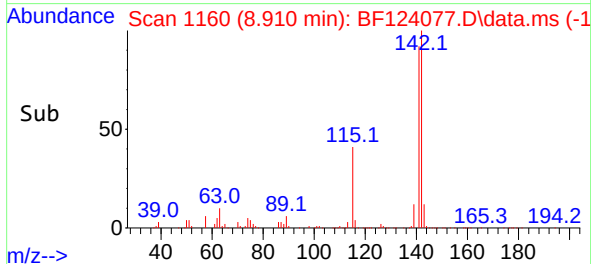
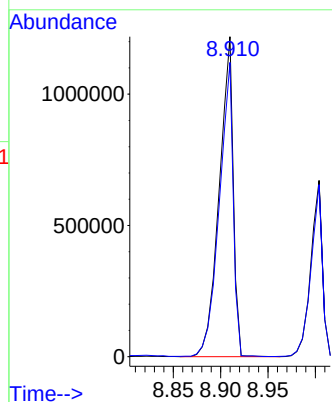
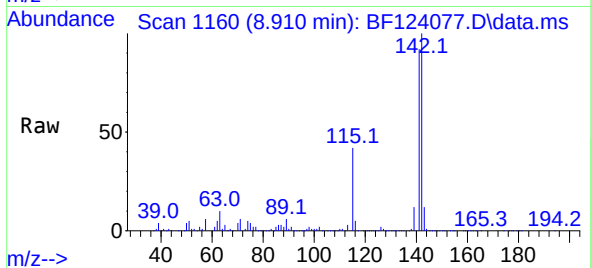




#37
2-Methylnaphthalene
Concen: 171.04 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.012 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

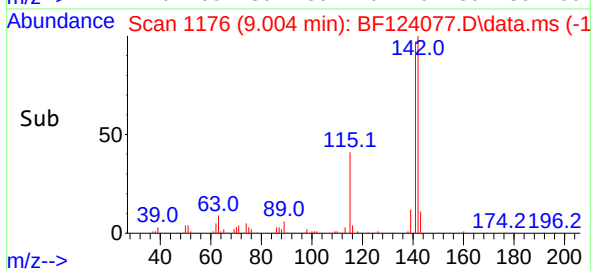
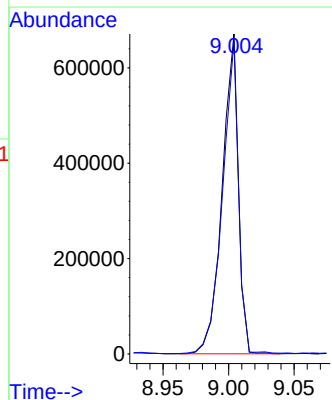
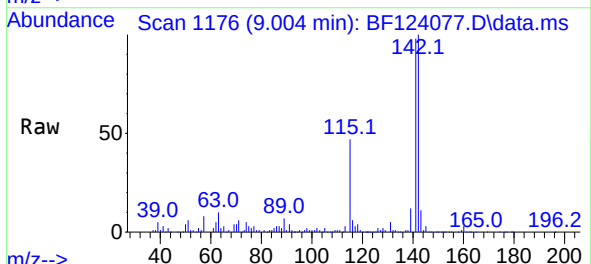
Instrument :
BNA_F
ClientSampleId :
GHOST-2

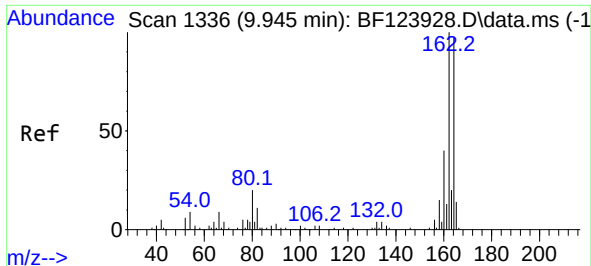
Tgt Ion:142 Resp: 1253450
Ion Ratio Lower Upper
142 100
141 91.9 71.8 107.6



#38
1-Methylnaphthalene
Concen: 83.56 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

Tgt Ion:142 Resp: 571381
Ion Ratio Lower Upper
142 100
141 97.7 72.8 109.2

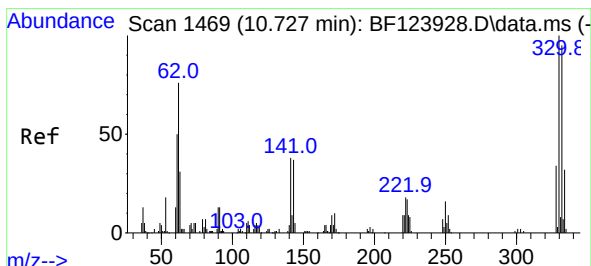
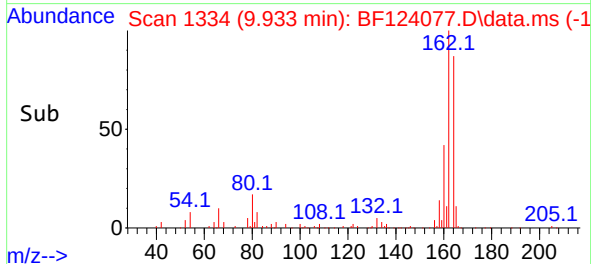
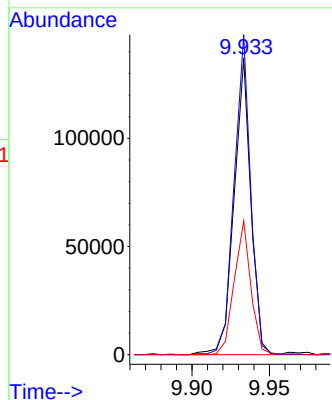
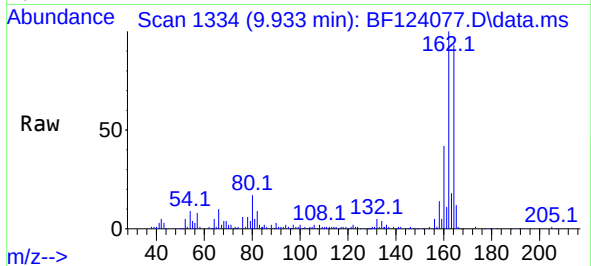




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

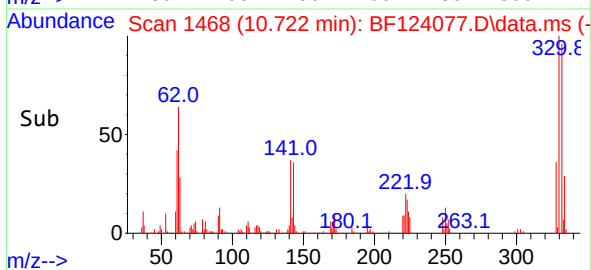
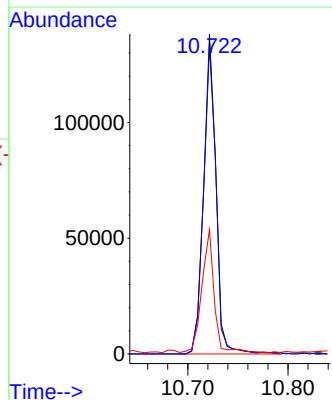
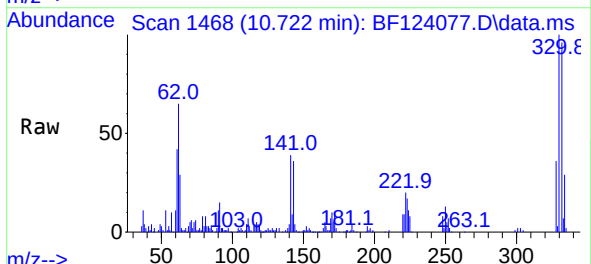
Instrument :
BNA_F
ClientSampleId :
GHOST-2

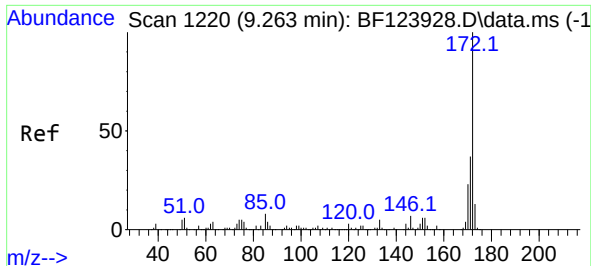
Tgt Ion:164 Resp: 103329
Ion Ratio Lower Upper
164 100
162 107.9 80.7 121.1
160 45.1 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 95.60 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

Tgt Ion:330 Resp: 118650
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 38.3 27.9 41.9

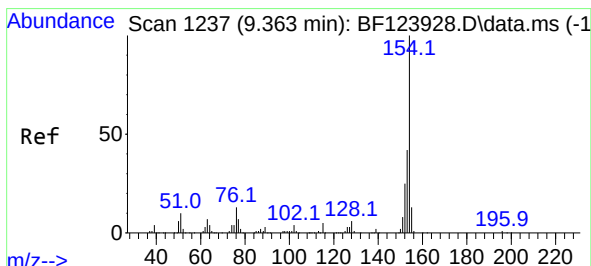
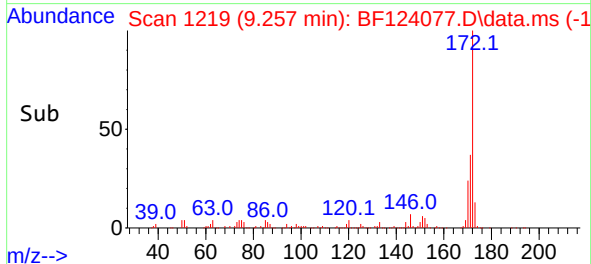
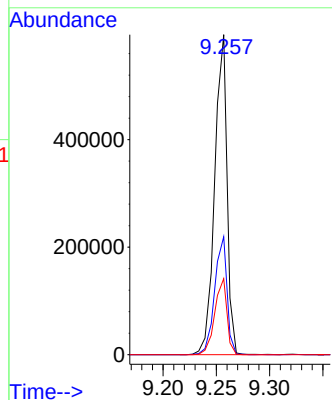
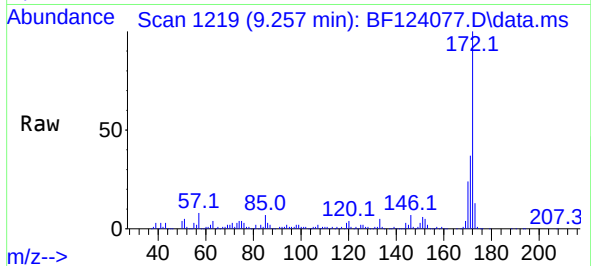




#45
2-Fluorobiphenyl
Concen: 57.44 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

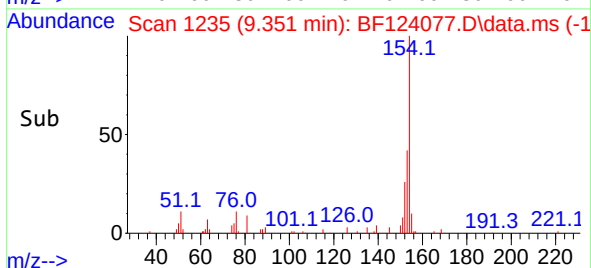
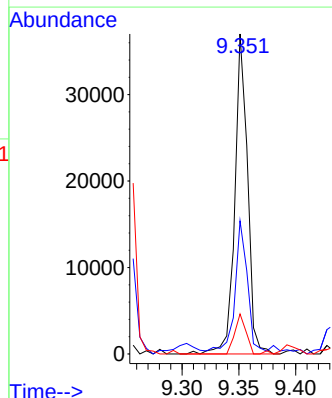
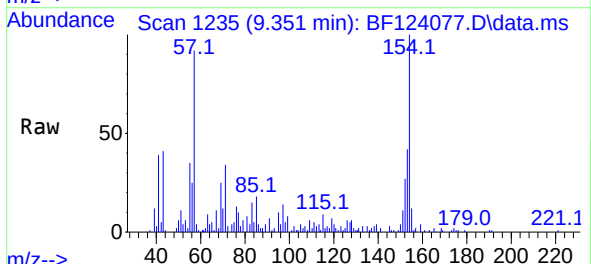
Instrument :
BNA_F
ClientSampleId :
GHOST-2

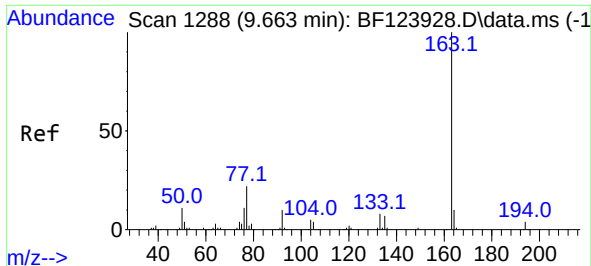
Tgt Ion:172	Resp: 482345
Ion Ratio	Lower Upper
172	100
171	36.8 28.1 42.1
170	23.8 19.2 28.8



#46
1,1'-Biphenyl
Concen: 3.17 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

Tgt Ion:154	Resp: 28842
Ion Ratio	Lower Upper
154	100
153	41.6 20.7 60.7
76	12.5 0.0 31.7

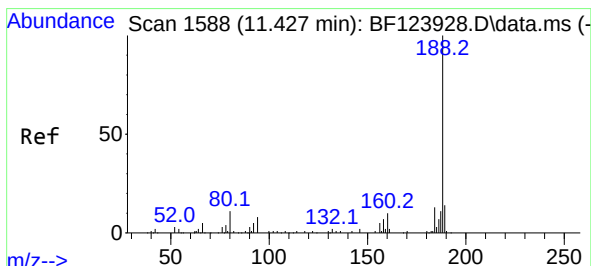
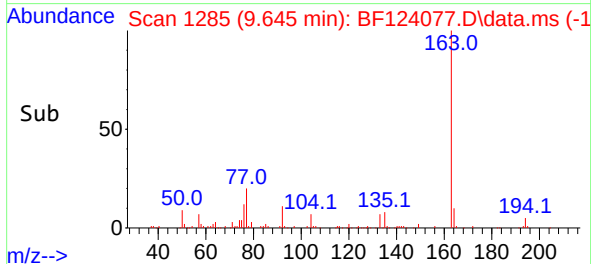
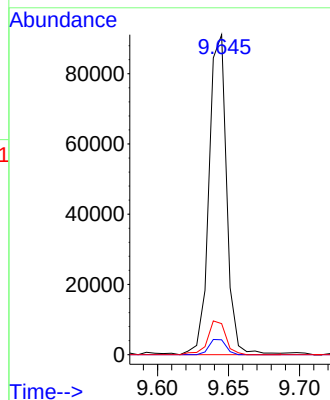
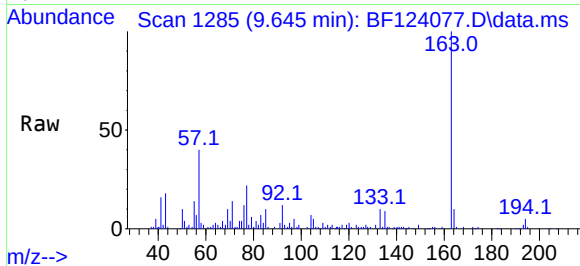




#50
Dimethylphthalate
Concen: 9.52 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

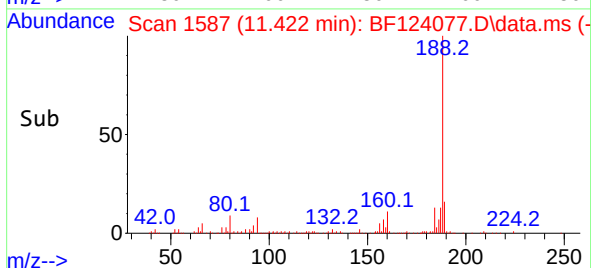
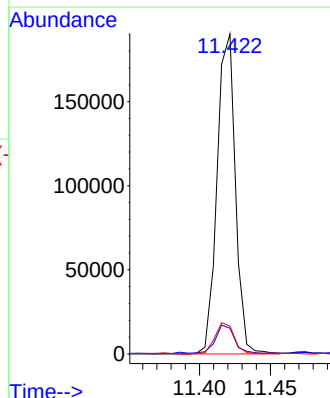
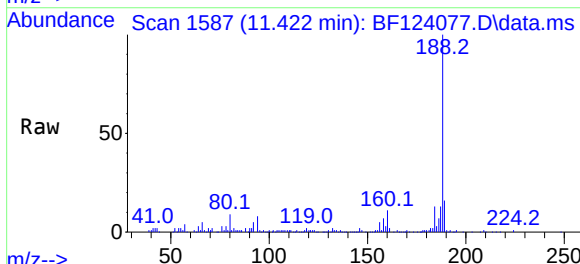
Instrument :
BNA_F
ClientSampled :
GHOST-2

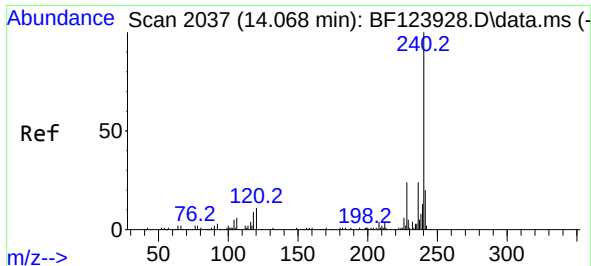
Tgt Ion:163 Resp: 78515
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 9.7 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

Tgt Ion:188 Resp: 170623
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 8.7 8.2 12.2

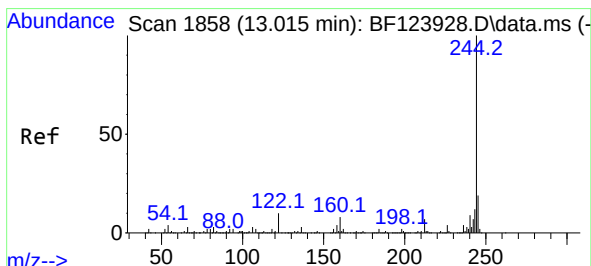
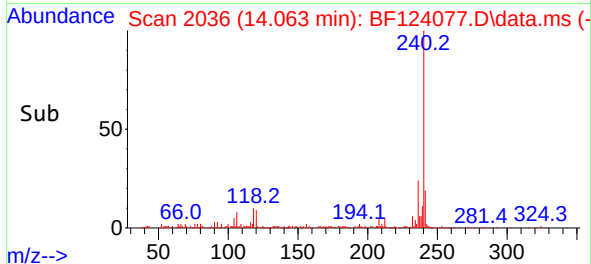
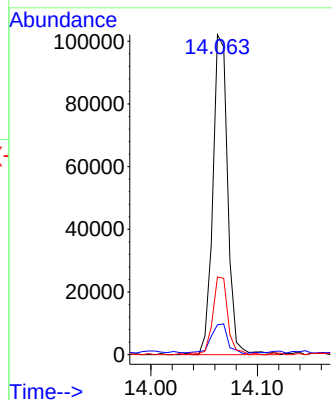
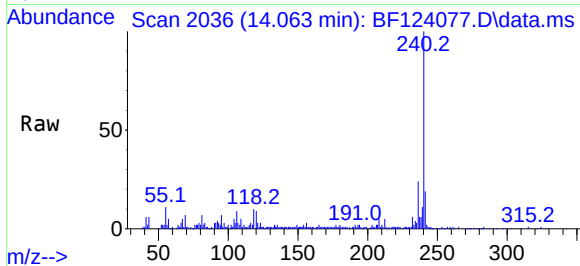




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

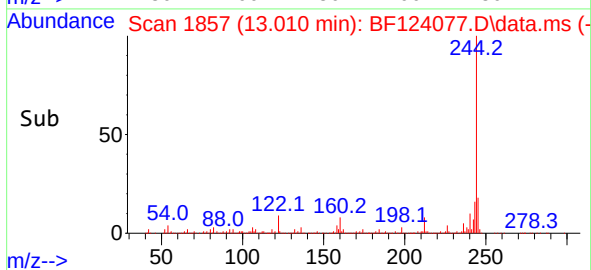
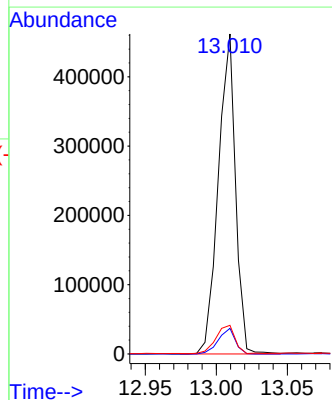
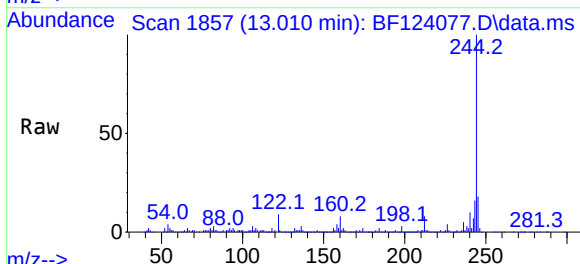
Instrument :
BNA_F
ClientSampleId :
GHOST-2

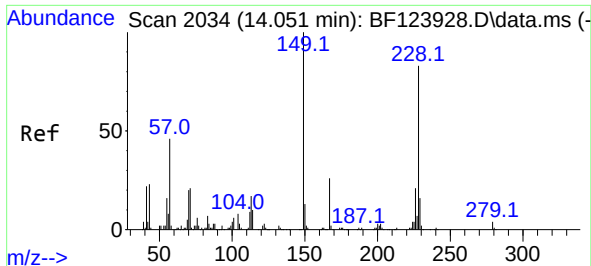
Tgt Ion:240	Resp:	99230
Ion Ratio	Lower	Upper
240	100	
120	9.3	7.2 10.8
236	24.3	19.0 28.4



#79
Terphenyl-d14
Concen: 59.27 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

Tgt Ion:244	Resp:	388329
Ion Ratio	Lower	Upper
244	100	
212	8.0	5.7 8.5
122	8.9	9.7 14.5#

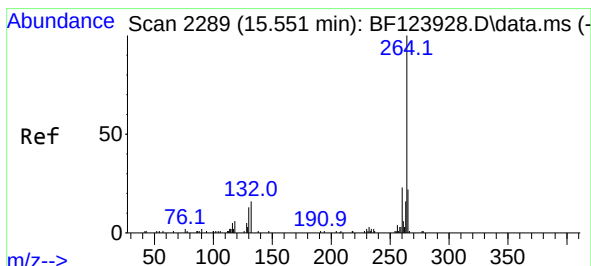
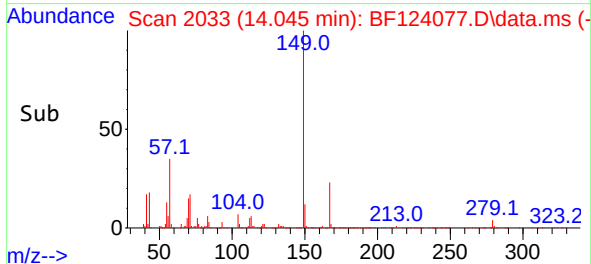
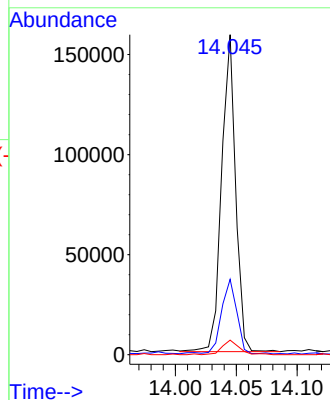
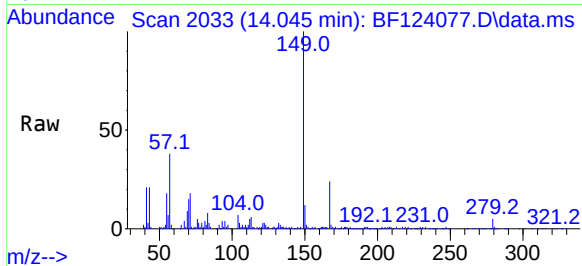




#84
Bis(2-ethylhexyl)phthalate
Concen: 26.08 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

Instrument :
BNA_F
ClientSampleId :
GHOST-2

Tgt Ion:149 Resp: 127142
Ion Ratio Lower Upper
149 100
167 23.5 21.8 32.6
279 4.6 3.3 4.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF124077.D
Acq: 26 May 2021 22:20

Tgt Ion:264 Resp: 99401
Ion Ratio Lower Upper
264 100
260 25.5 18.7 28.1
265 20.6 17.8 26.8

