

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127015.D
 Acq On : 22 Feb 2022 18:21
 Operator : CG\JU
 Sample : N1626-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-A7

Quant Time: Feb 22 23:58:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

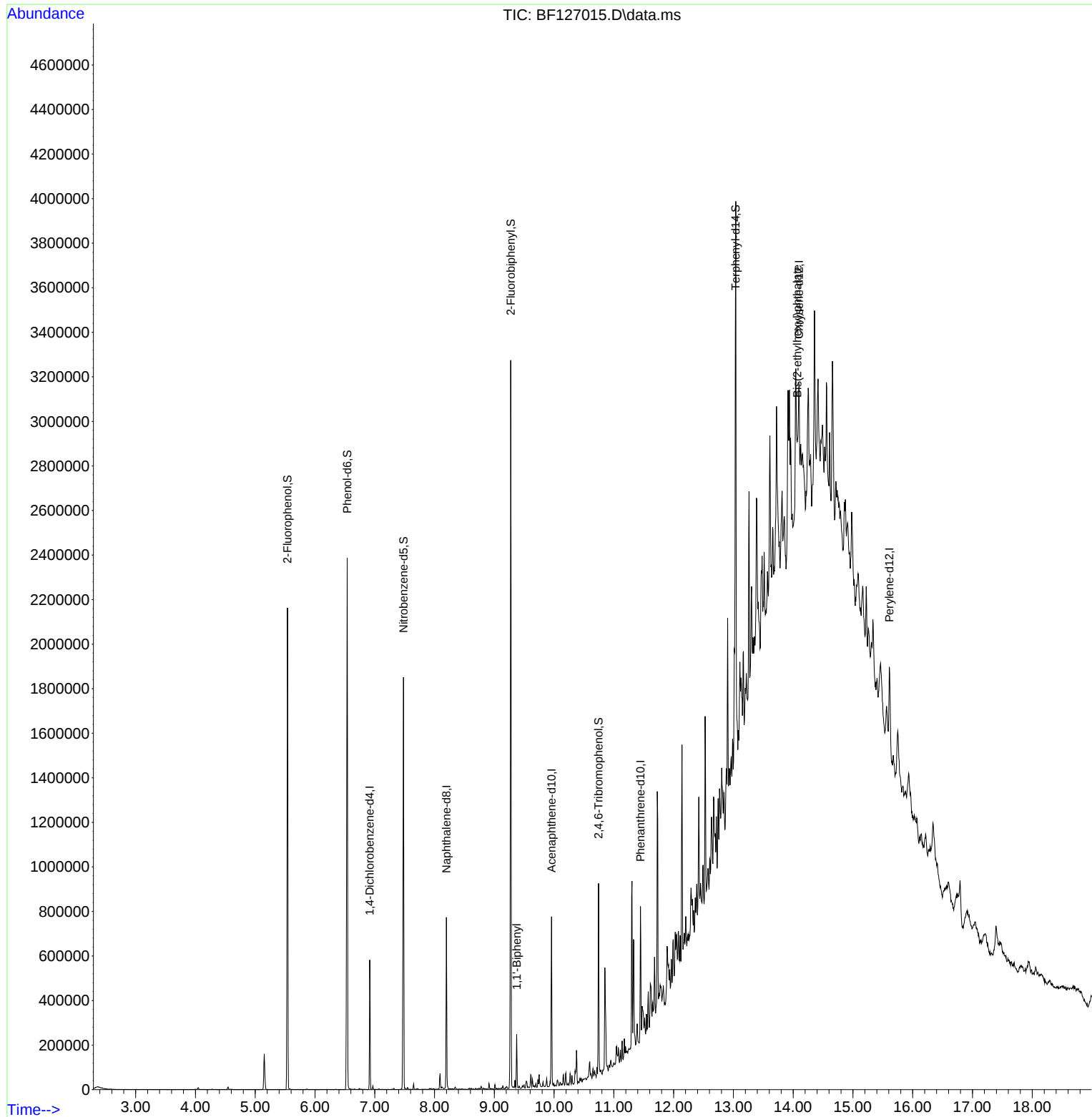
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	70713	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	281398	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	127798	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	178620	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	112460	20.000	ng	0.00
86) Perylene-d12	15.610	264	117134	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	522150	114.126	ng	0.00
7) Phenol-d6	6.540	99	790955	128.120	ng	0.00
23) Nitrobenzene-d5	7.481	82	578978	92.870	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	82995	56.405	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	906640	104.439	ng	0.00
79) Terphenyl-d14	13.039	244	662888	86.650	ng	0.00
Target Compounds						
46) 1,1'-Biphenyl	9.375	154	54453	5.378	ng	Qvalue 97
84) Bis(2-ethylhexyl)phtha...	14.069	149	57442	9.459	ng	# 97

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

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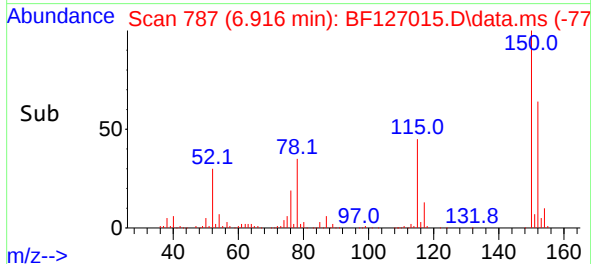
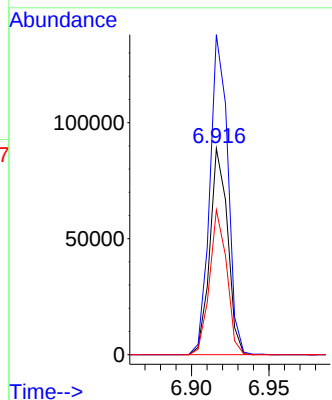
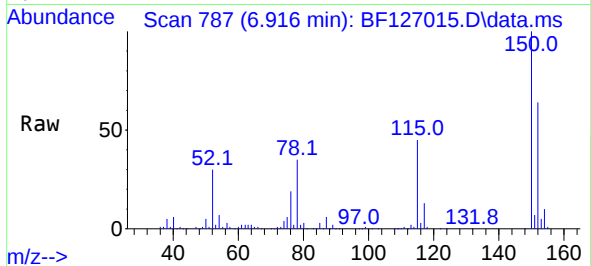




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF127015.D
Acq: 22 Feb 2022 18:21

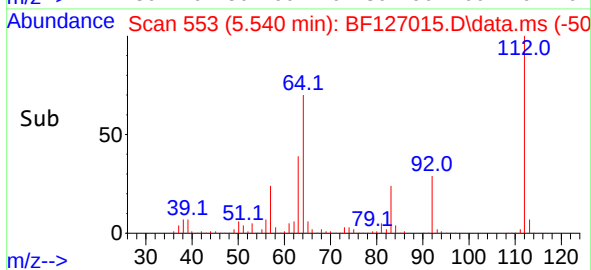
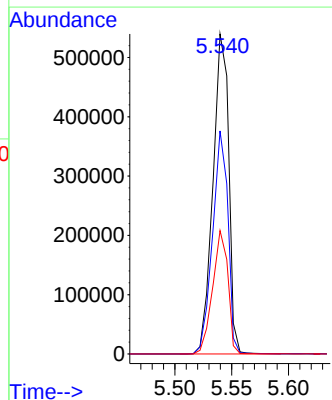
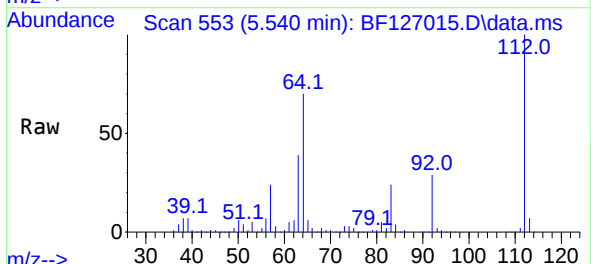
Instrument :
BNA_F
ClientSampleId :
CC-A7

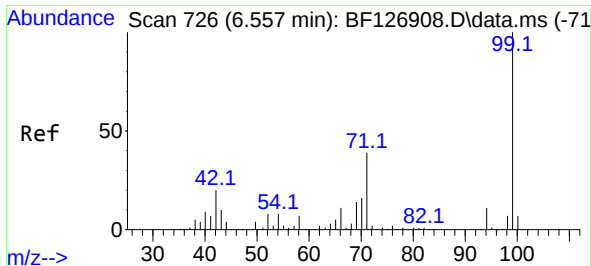
Tgt Ion:152 Resp: 70713
Ion Ratio Lower Upper
152 100
150 155.1 128.1 192.1
115 70.2 56.7 85.1



#5
2-Fluorophenol
Concen: 114.126 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF127015.D
Acq: 22 Feb 2022 18:21

Tgt Ion:112 Resp: 522150
Ion Ratio Lower Upper
112 100
64 69.7 49.5 74.3
63 38.6 23.9 35.9#

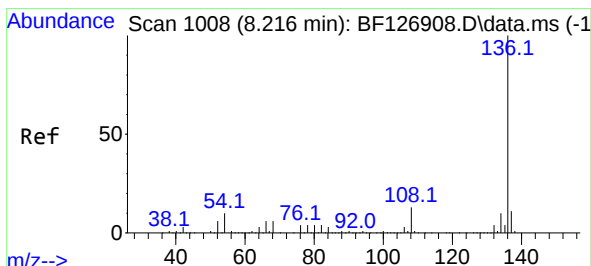
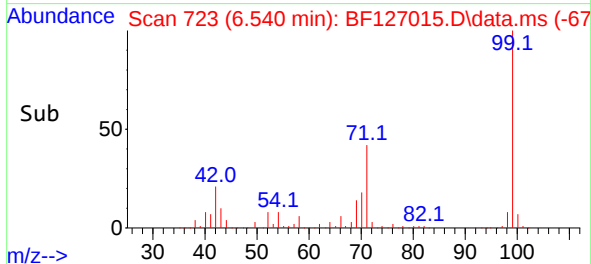
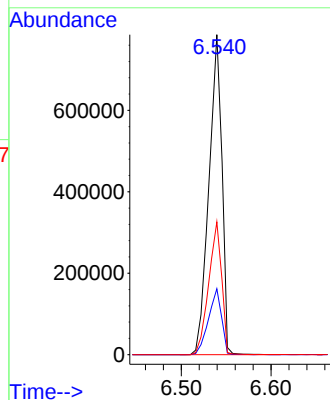
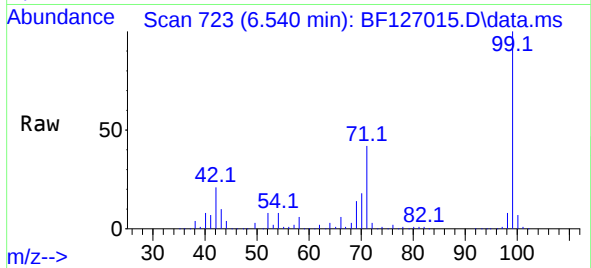




#7
Phenol-d6
Concen: 128.120 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127015.D
Acq: 22 Feb 2022 18:21

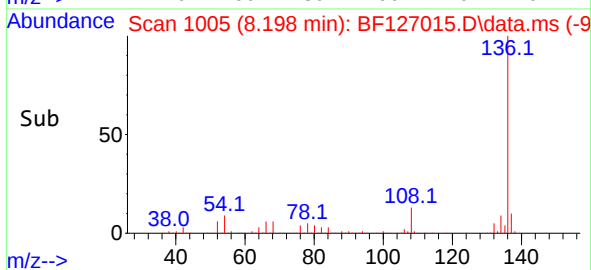
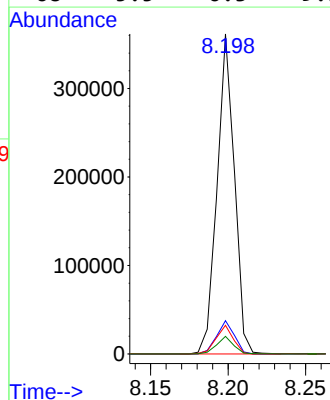
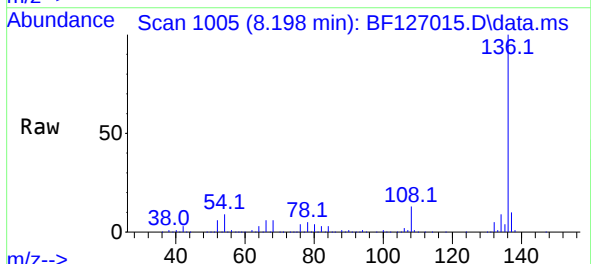
Instrument :
BNA_F
ClientSampleId :
CC-A7

Tgt Ion: 99 Resp: 790955
Ion Ratio Lower Upper
99 100
42 20.6 14.2 21.4
71 41.5 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF127015.D
Acq: 22 Feb 2022 18:21

Tgt Ion:136 Resp: 281398
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 9.0 7.8 11.6
68 5.5 6.3 9.5#

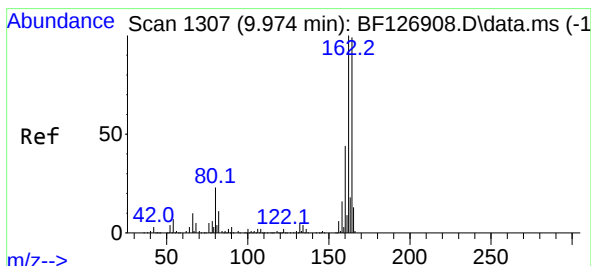
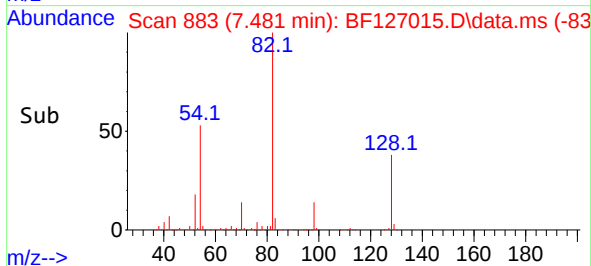
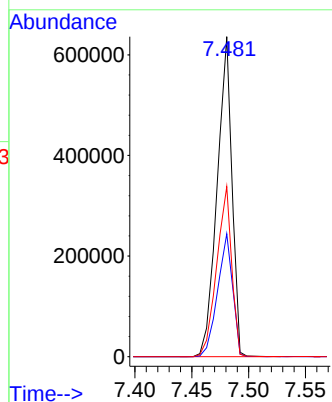
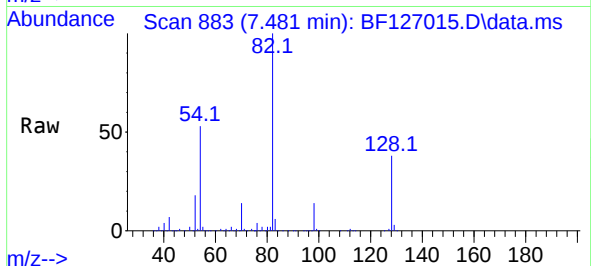




#23
Nitrobenzene-d5
Concen: 92.870 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127015.D
Acq: 22 Feb 2022 18:21

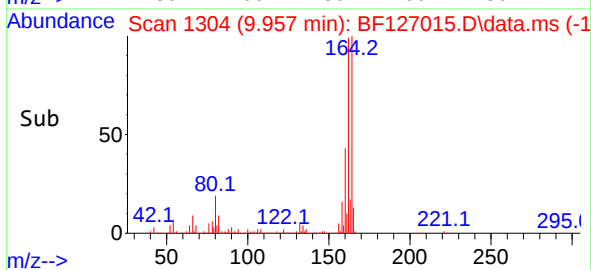
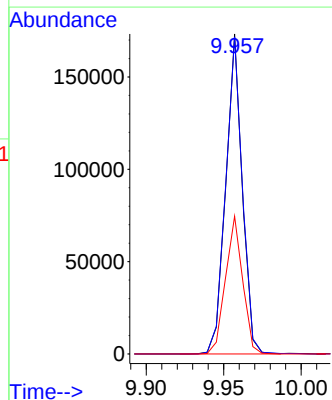
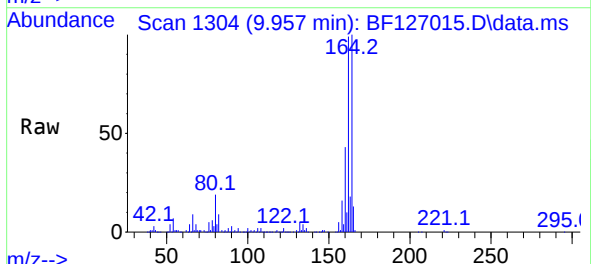
Instrument :
BNA_F
ClientSampleId :
CC-A7

Tgt Ion: 82 Resp: 578978
Ion Ratio Lower Upper
82 100
128 38.4 32.7 49.1
54 53.2 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF127015.D
Acq: 22 Feb 2022 18:21

Tgt Ion: 164 Resp: 127798
Ion Ratio Lower Upper
164 100
162 99.1 81.4 122.0
160 43.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 56.405 ng

RT: 10.745 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127015.D

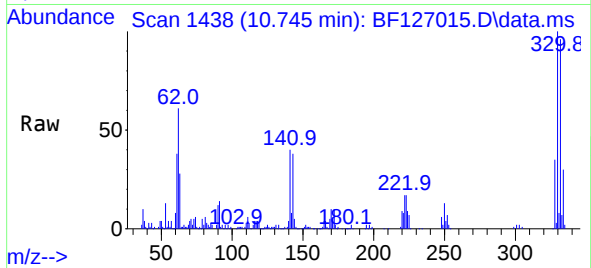
Acq: 22 Feb 2022 18:21

Instrument :

BNA_F

ClientSampleId :

CC-A7



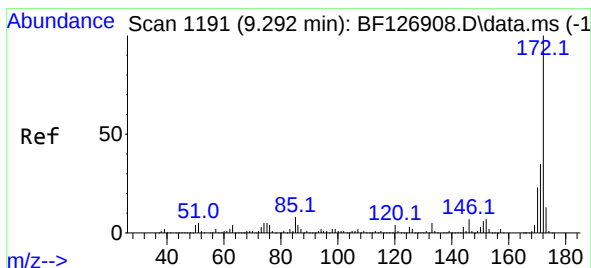
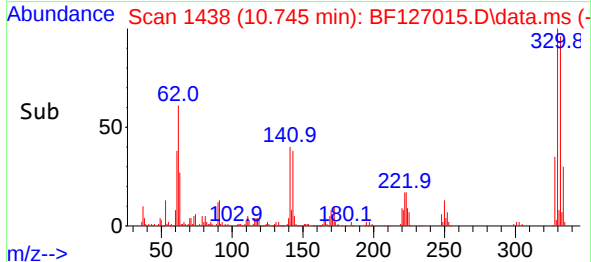
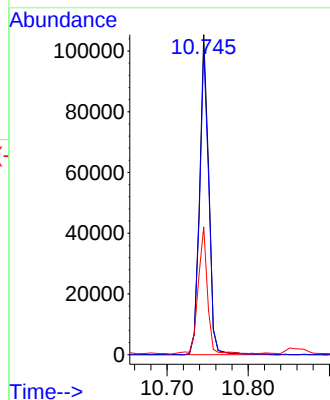
Tgt Ion:330 Resp: 82995

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

141 39.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 104.439 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF127015.D

Acq: 22 Feb 2022 18:21

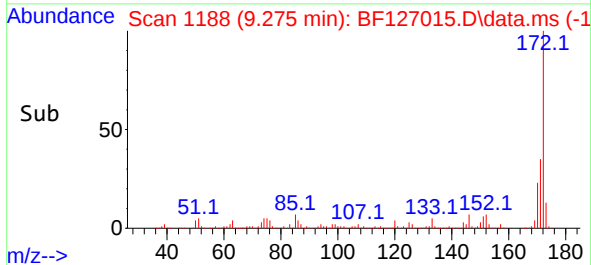
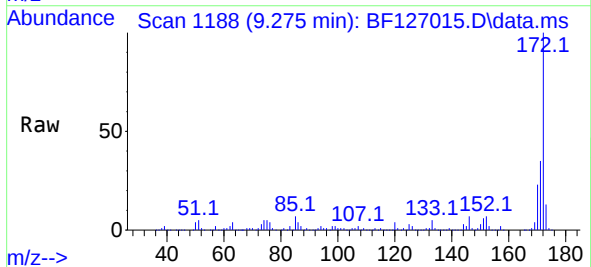
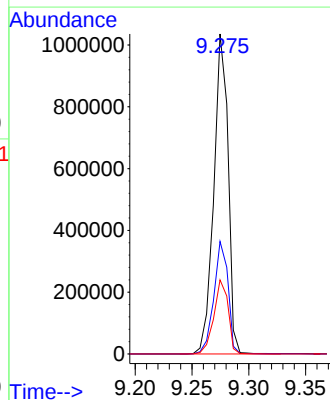
Tgt Ion:172 Resp: 906640

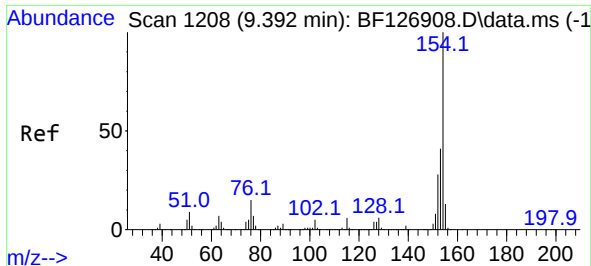
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.1 19.0 28.6





#46

1,1'-Biphenyl

Concen: 5.378 ng

RT: 9.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127015.D

Acq: 22 Feb 2022 18:21

Instrument :

BNA_F

ClientSampleId :

CC-A7

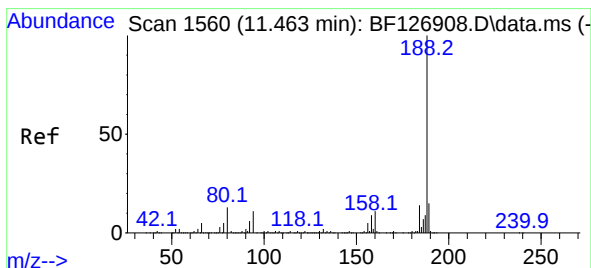
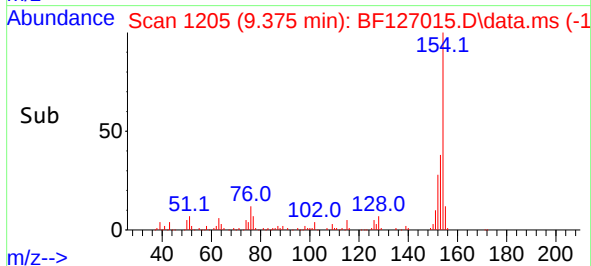
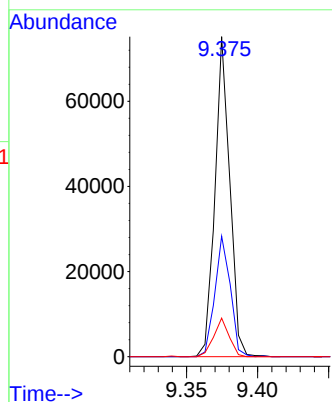
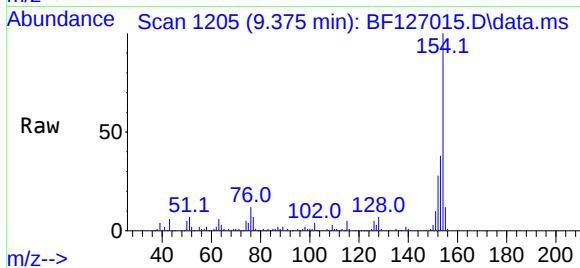
Tgt Ion:154 Resp: 54453

Ion Ratio Lower Upper

154 100

153 37.7 19.0 59.0

76 12.0 0.0 34.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1557

Delta R.T. -0.006 min

Lab File: BF127015.D

Acq: 22 Feb 2022 18:21

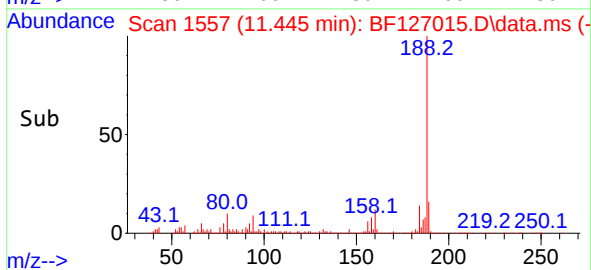
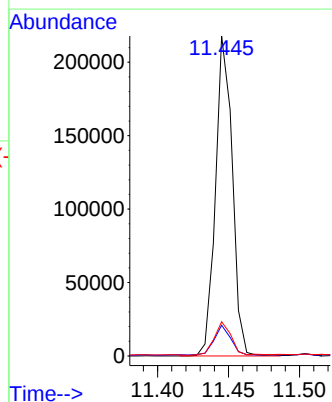
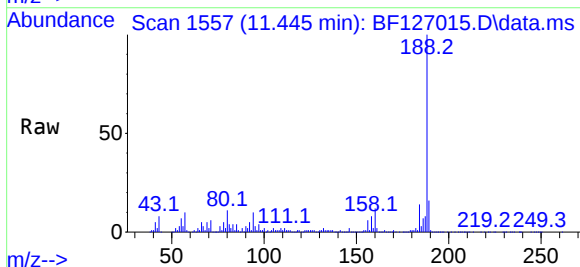
Tgt Ion:188 Resp: 178620

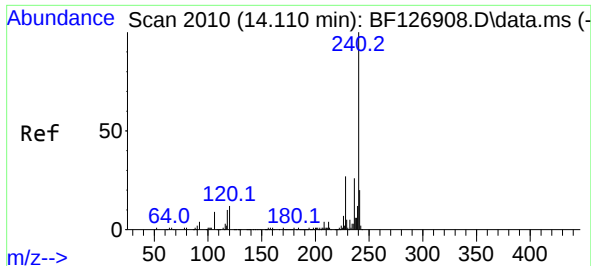
Ion Ratio Lower Upper

188 100

94 9.6 10.1 15.1#

80 10.7 11.8 17.6#

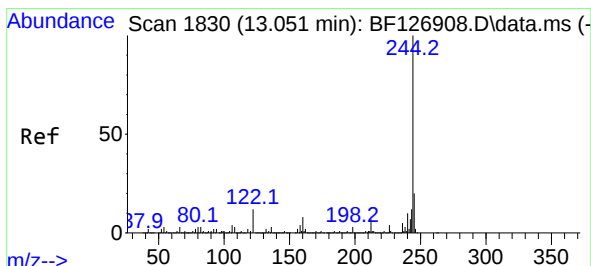
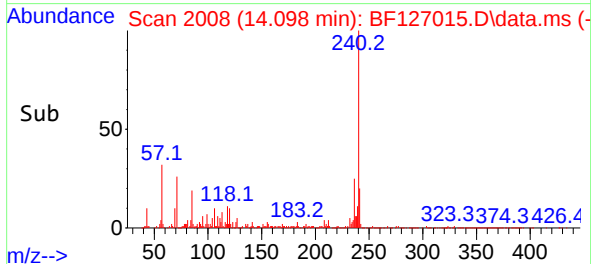
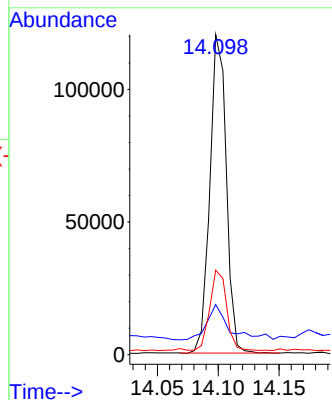
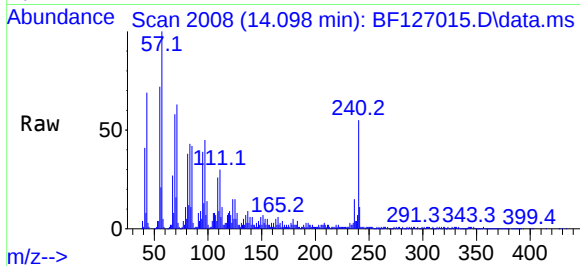




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF127015.D
Acq: 22 Feb 2022 18:21

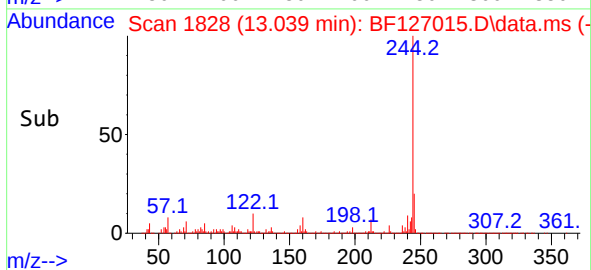
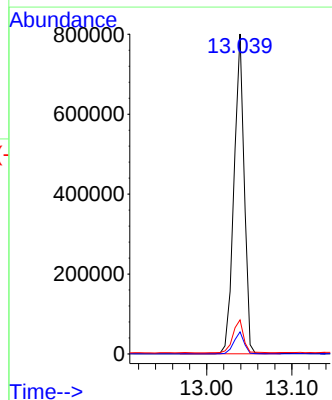
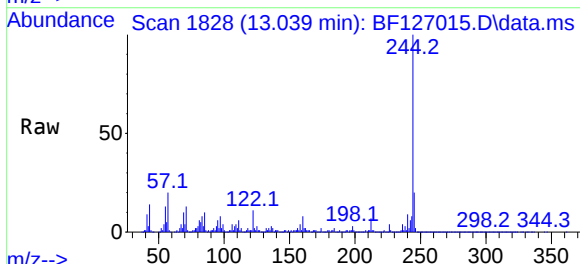
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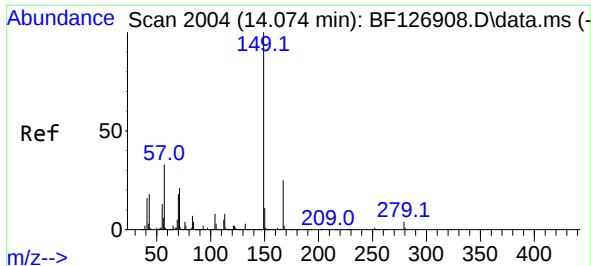
Tgt Ion:240 Resp: 112460
Ion Ratio Lower Upper
240 100
120 15.7 14.4 21.6
236 26.4 20.5 30.7



#79
Terphenyl-d14
Concen: 86.650 ng
RT: 13.039 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF127015.D
Acq: 22 Feb 2022 18:21

Tgt Ion:244 Resp: 662888
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 10.7 13.3 19.9#

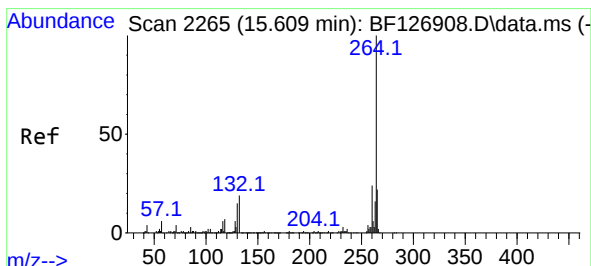
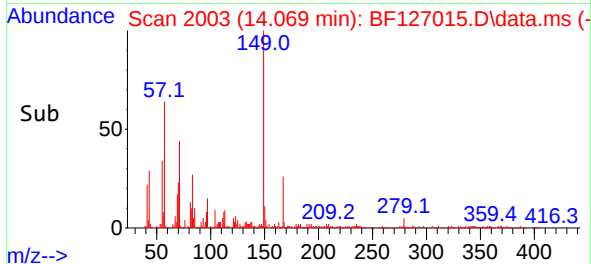
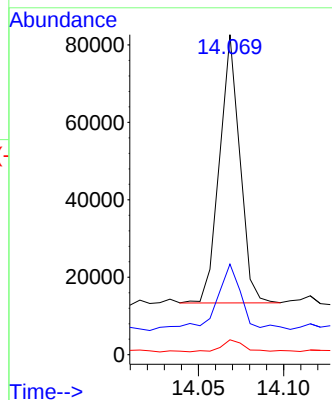
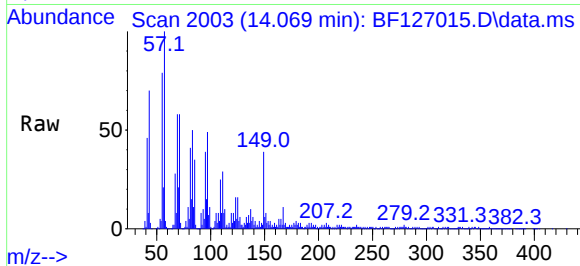




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.459 ng
RT: 14.069 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF127015.D
Acq: 22 Feb 2022 18:21

Instrument :
BNA_F
ClientSampleId :
CC-A7

Tgt Ion:149 Resp: 57442
Ion Ratio Lower Upper
149 100
167 28.3 21.4 32.2
279 4.7 2.4 3.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 2265
Delta R.T. 0.018 min
Lab File: BF127015.D
Acq: 22 Feb 2022 18:21

Tgt Ion:264 Resp: 117134
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 22.6 17.4 26.2

