

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124727.D
 Acq On : 23 Jul 2021 22:58
 Operator : JU/CG
 Sample : M3110-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Quant Time: Jul 23 23:30:43 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)

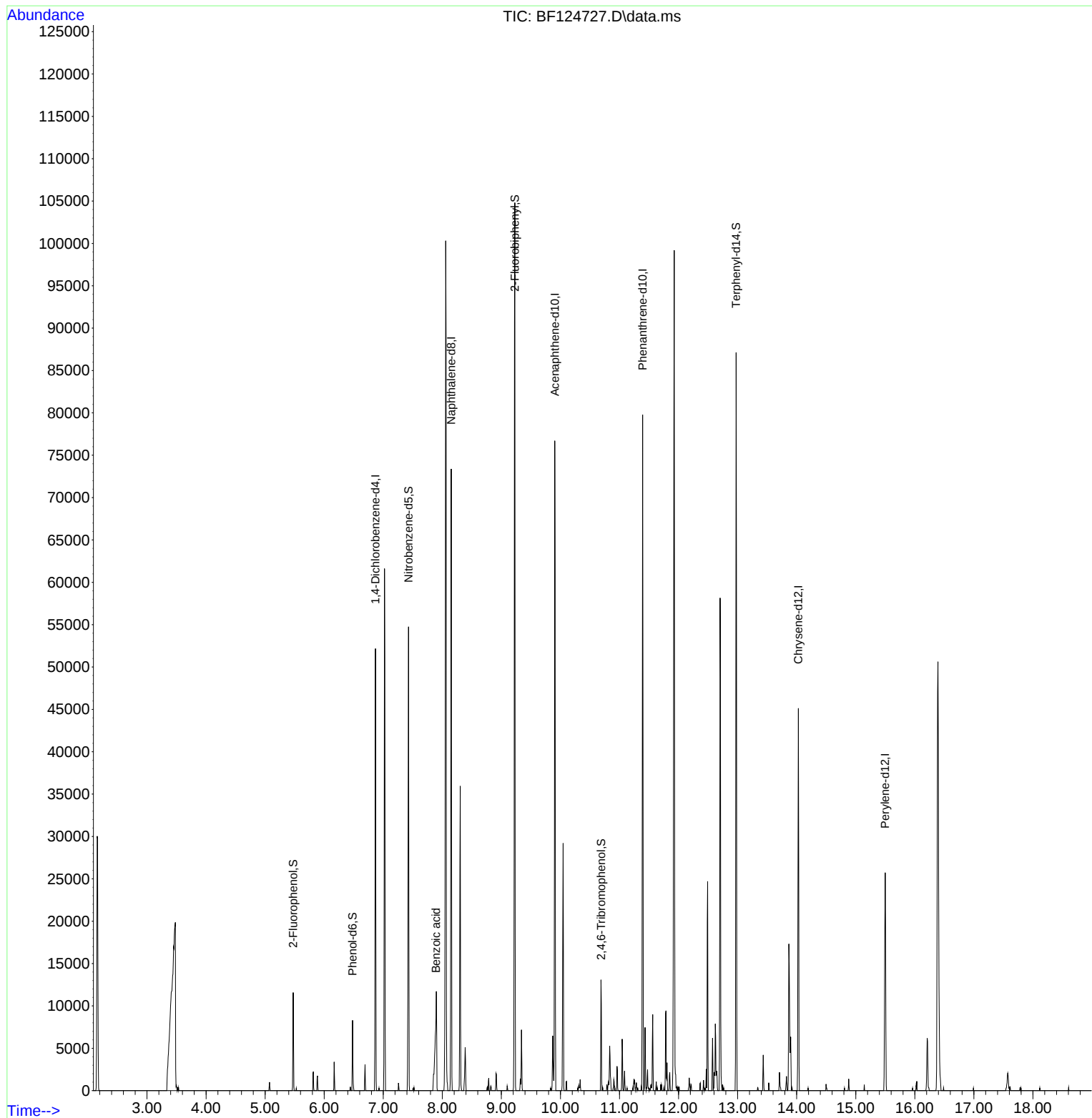
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7596	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	29454	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	15871	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	27724	20.000	ng	0.00
76) Chrysene-d12	14.027	240	15352	20.000	ng	-0.01
86) Perylene-d12	15.498	264	12897	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3539	7.888	ng	0.00
7) Phenol-d6	6.481	99	2674	4.754	ng	-0.02
23) Nitrobenzene-d5	7.428	82	14879	30.066	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	1645	12.072	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	33145	30.673	ng	0.00
79) Terphenyl-d14	12.974	244	29796	33.269	ng	-0.01
Target Compounds						
32) Benzoic acid	7.892	122	4919	15.369	ng	Qvalue 97

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

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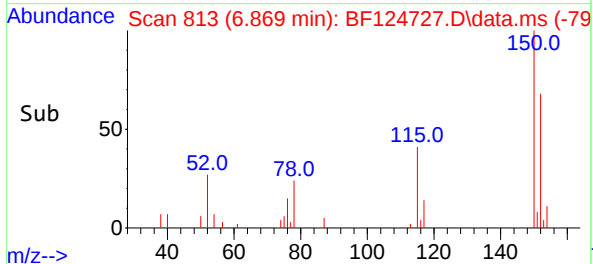
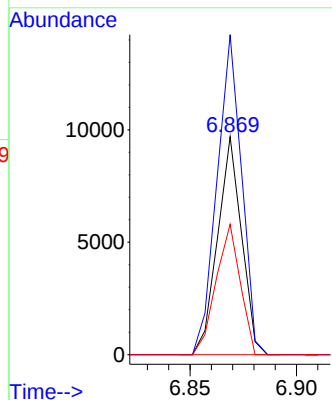
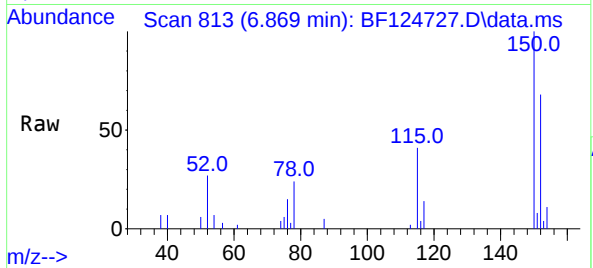




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

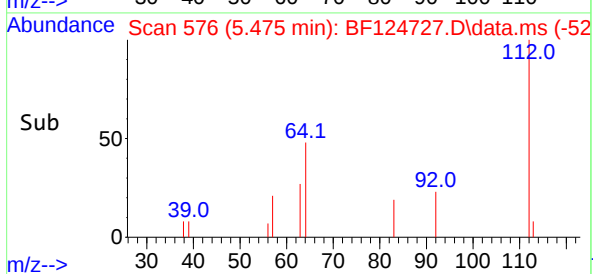
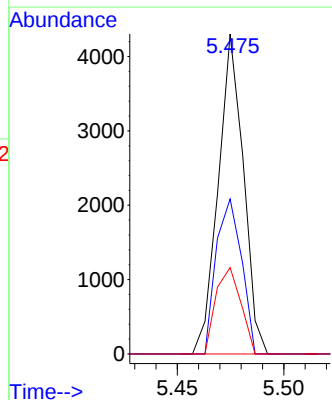
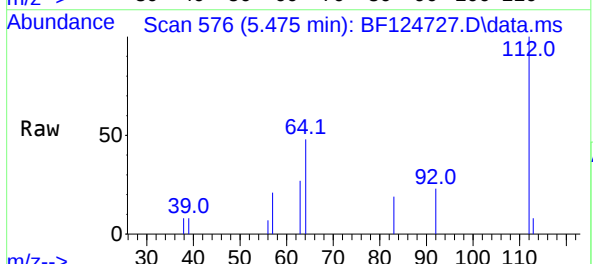
Instrument :
BNA_F
ClientSampleId :
MANHOLE

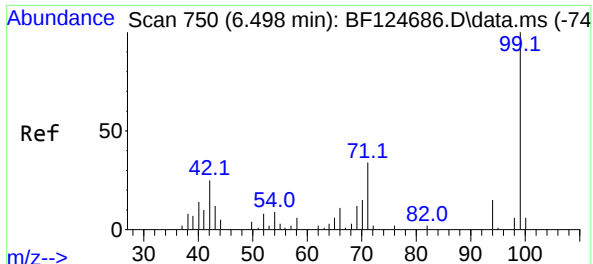
Tgt Ion:152 Resp: 7596
Ion Ratio Lower Upper
152 100
150 146.7 117.6 176.4
115 59.8 47.1 70.7



#5
2-Fluorophenol
Concen: 7.888 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Tgt Ion:112 Resp: 3539
Ion Ratio Lower Upper
112 100
64 48.5 44.2 66.2
63 27.0 26.2 39.2



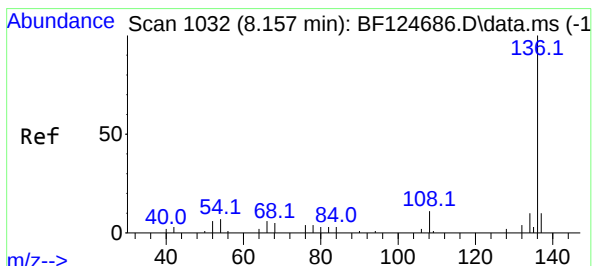
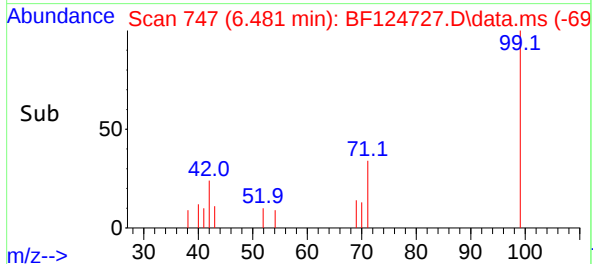
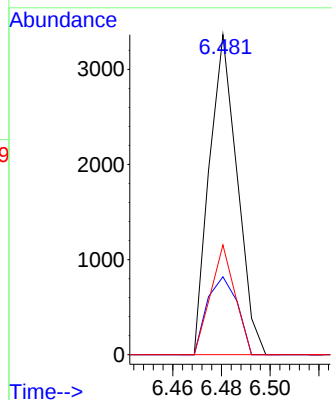
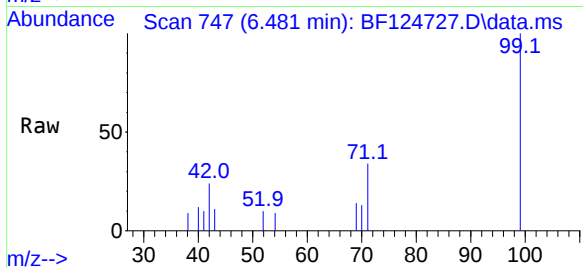


#7
Phenol-d6
Concen: 4.754 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion: 99 Resp: 2674

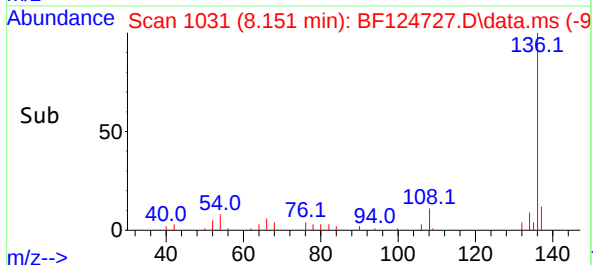
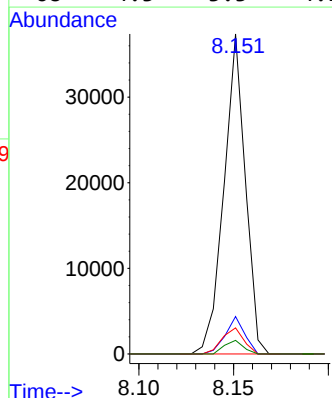
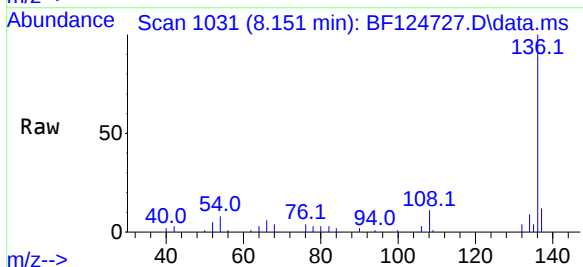
Ion	Ratio	Lower	Upper
99	100		
42	24.3	23.5	35.3
71	34.3	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Tgt Ion: 136 Resp: 29454

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.6
54	8.2	6.4	9.6
68	4.3	3.3	4.9





#23

Nitrobenzene-d5

Concen: 30.066 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124727.D

Acq: 23 Jul 2021 22:58

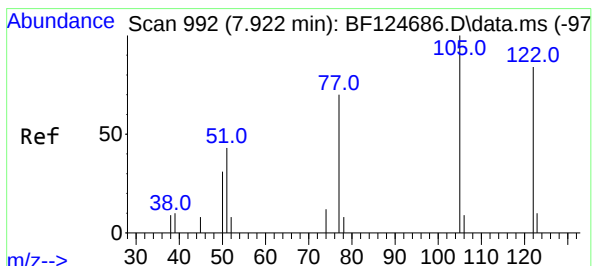
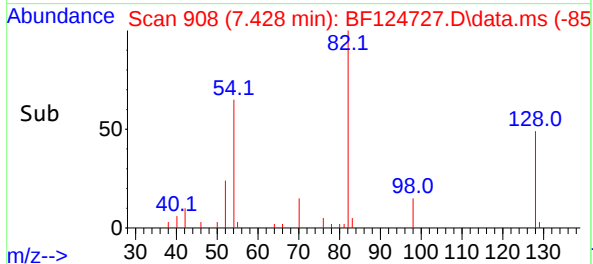
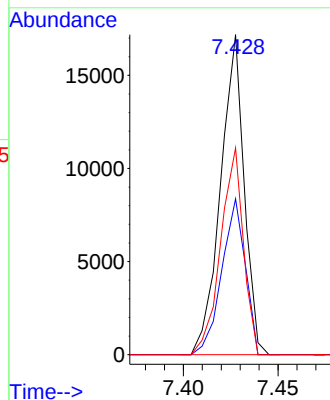
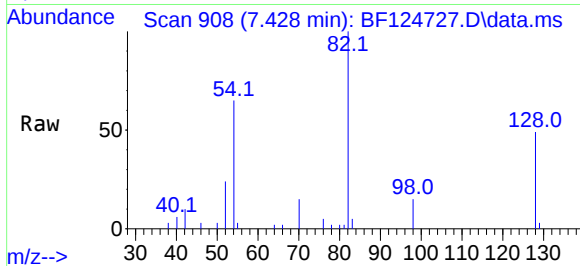
Tgt Ion: 82 Resp: 14879

Ion Ratio Lower Upper

82 100

128 48.7 40.6 60.8

54 64.6 49.6 74.4



#32

Benzoic acid

Concen: 15.369 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.030 min

Lab File: BF124727.D

Acq: 23 Jul 2021 22:58

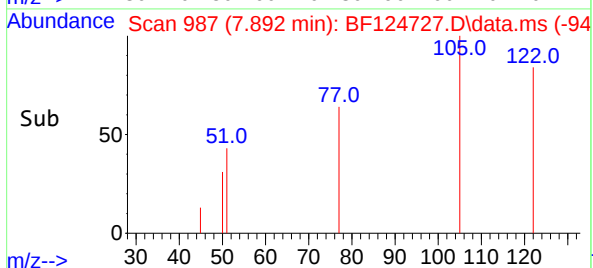
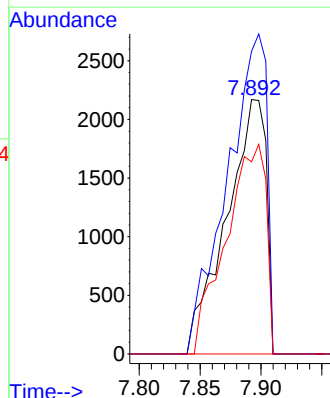
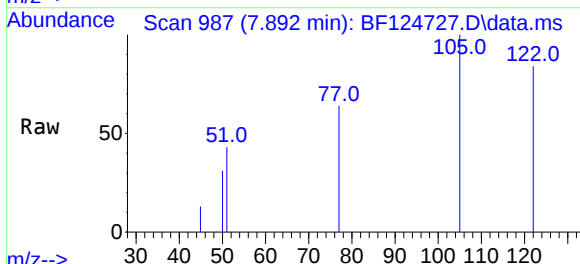
Tgt Ion:122 Resp: 4919

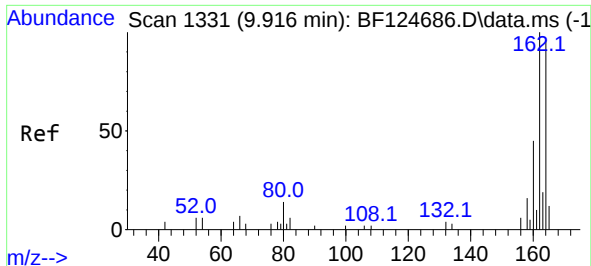
Ion Ratio Lower Upper

122 100

105 118.9 97.6 137.6

77 75.5 59.6 99.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.012 min

Lab File: BF124727.D

Acq: 23 Jul 2021 22:58

Instrument :

BNA_F

ClientSampleId :

MANHOLE

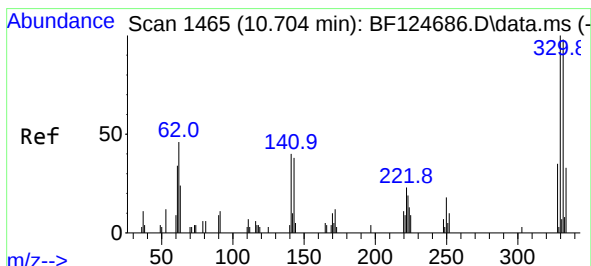
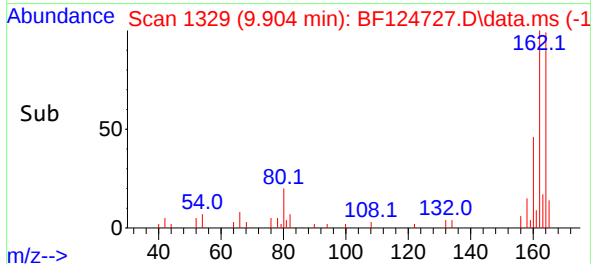
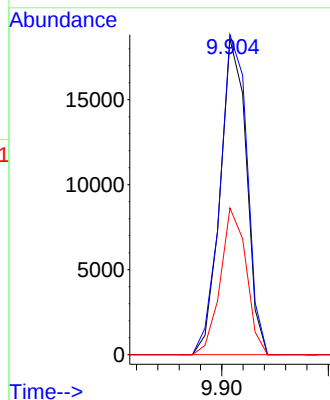
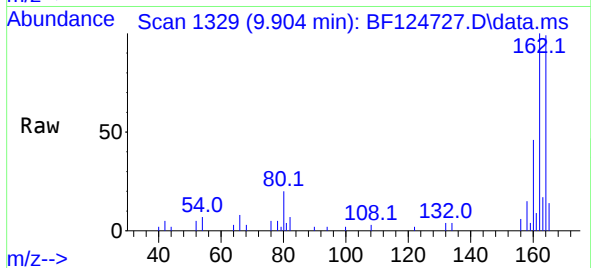
Tgt Ion:164 Resp: 15871

Ion Ratio Lower Upper

164 100

162 101.3 81.3 121.9

160 46.4 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 12.072 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.012 min

Lab File: BF124727.D

Acq: 23 Jul 2021 22:58

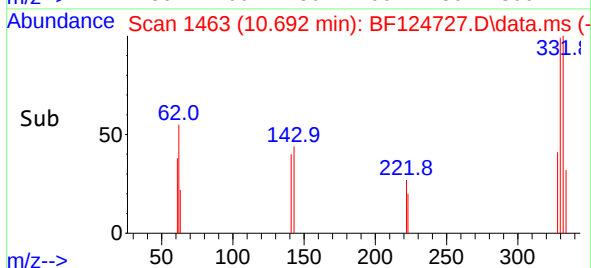
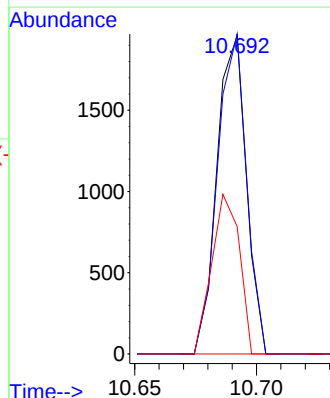
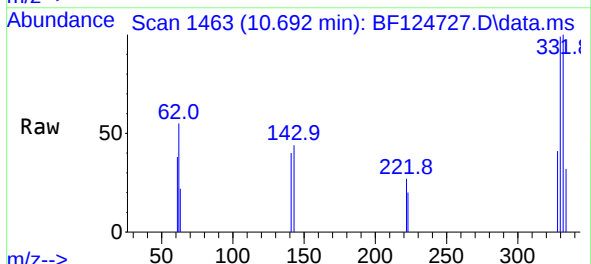
Tgt Ion:330 Resp: 1645

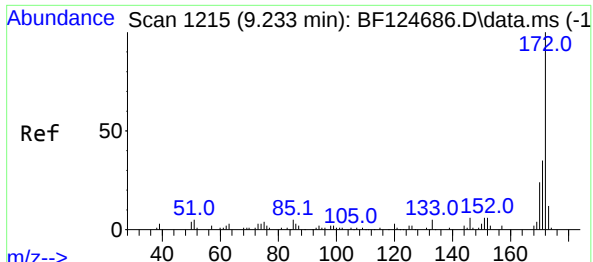
Ion Ratio Lower Upper

330 100

332 98.9 76.2 114.4

141 47.3 44.6 66.8



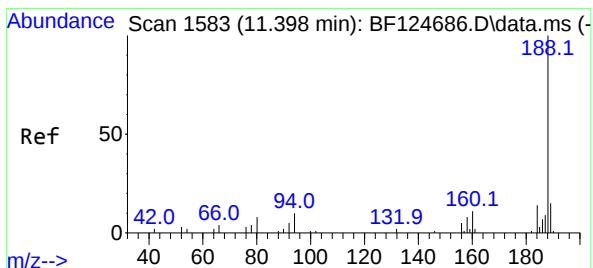
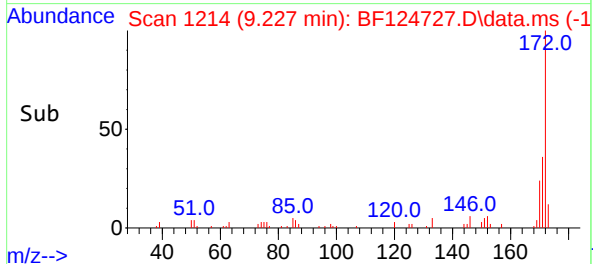
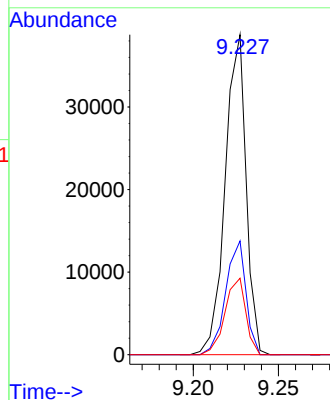
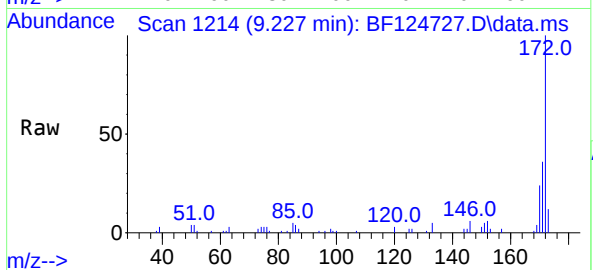


#45
2-Fluorobiphenyl
Concen: 30.673 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Instrument :
BNA_F
ClientSampled :
MANHOLE

Tgt Ion:172 Resp: 33145

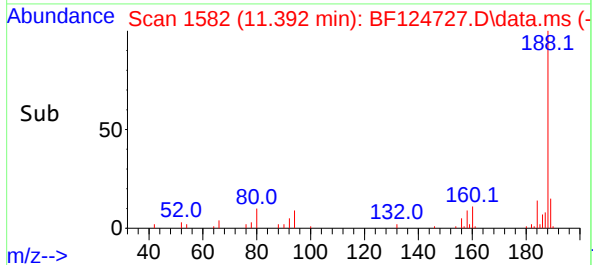
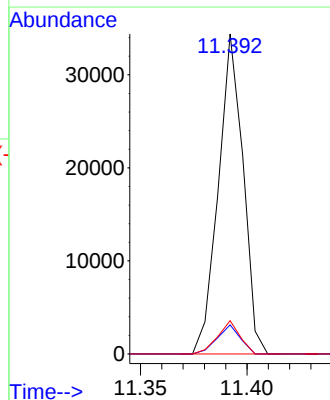
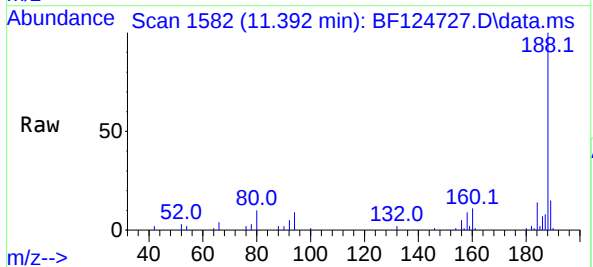
Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.5	39.7
170	23.9	18.8	28.2

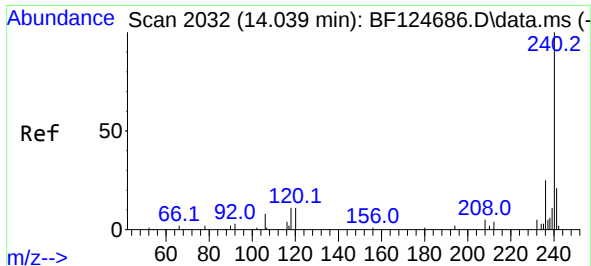


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Tgt Ion:188 Resp: 27724

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.7	10.1
80	10.4	7.5	11.3



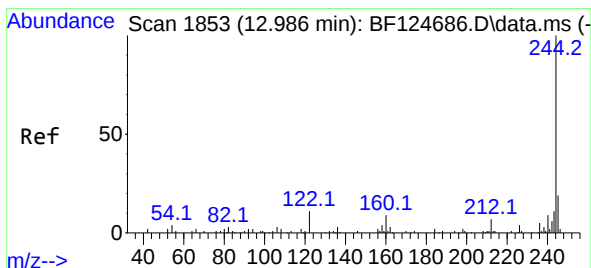
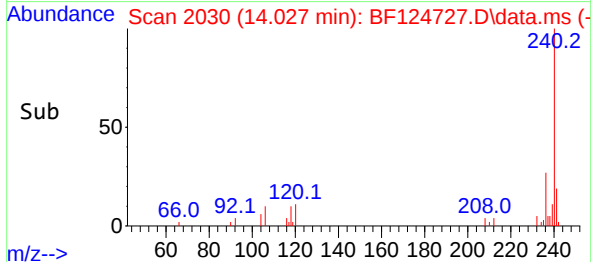
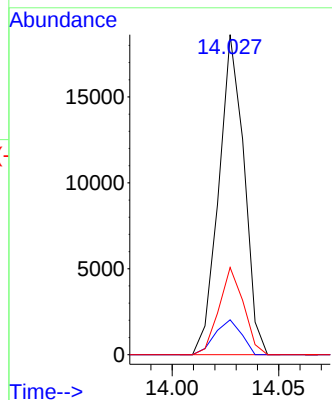
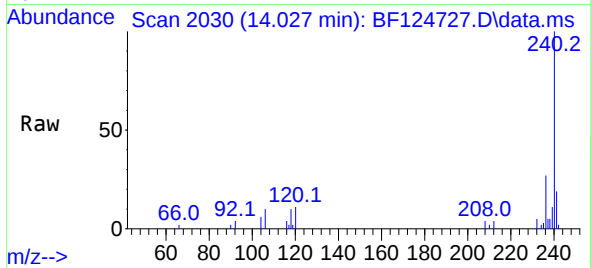


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion:240 Resp: 15352

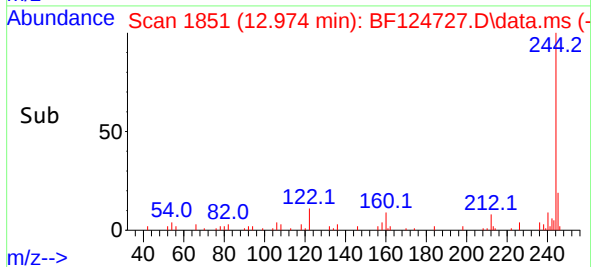
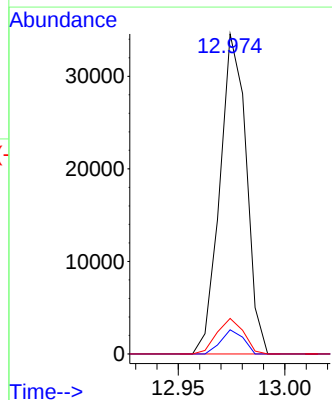
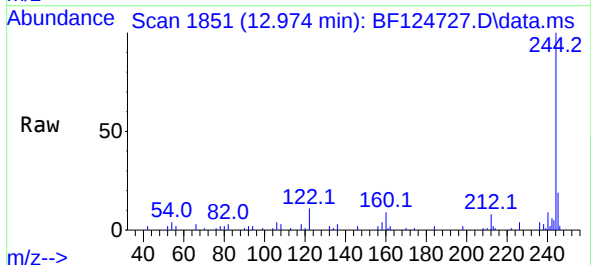
Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.8	16.2
236	27.2	21.6	32.4

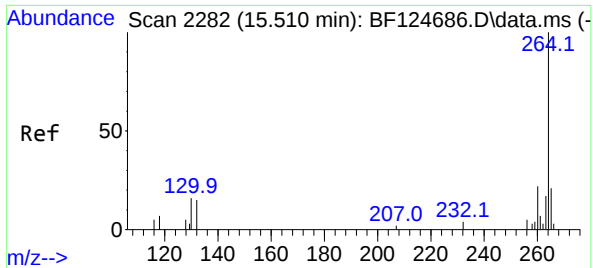


#79
Terphenyl-d14
Concen: 33.269 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Tgt Ion:244 Resp: 29796

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	11.1	9.0	13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.012 min
 Lab File: BF124727.D
 Acq: 23 Jul 2021 22:58

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Tgt Ion:264 Resp: 12897

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	22.9	17.2	25.8

