

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127344.D
 Acq On : 16 Mar 2022 01:01
 Operator : CG\JU
 Sample : N1914-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Mar 16 05:32:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90698	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	345795	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	208282	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	382910	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	209995	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	202989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	573590	101.665	ng	0.00
7) Phenol-d6	6.498	99	783071	100.893	ng	0.00
23) Nitrobenzene-d5	7.434	82	539038	64.377	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	219788	98.026	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	931459	63.226	ng	0.00
79) Terphenyl-d14	12.986	244	943182	77.340	ng	0.00

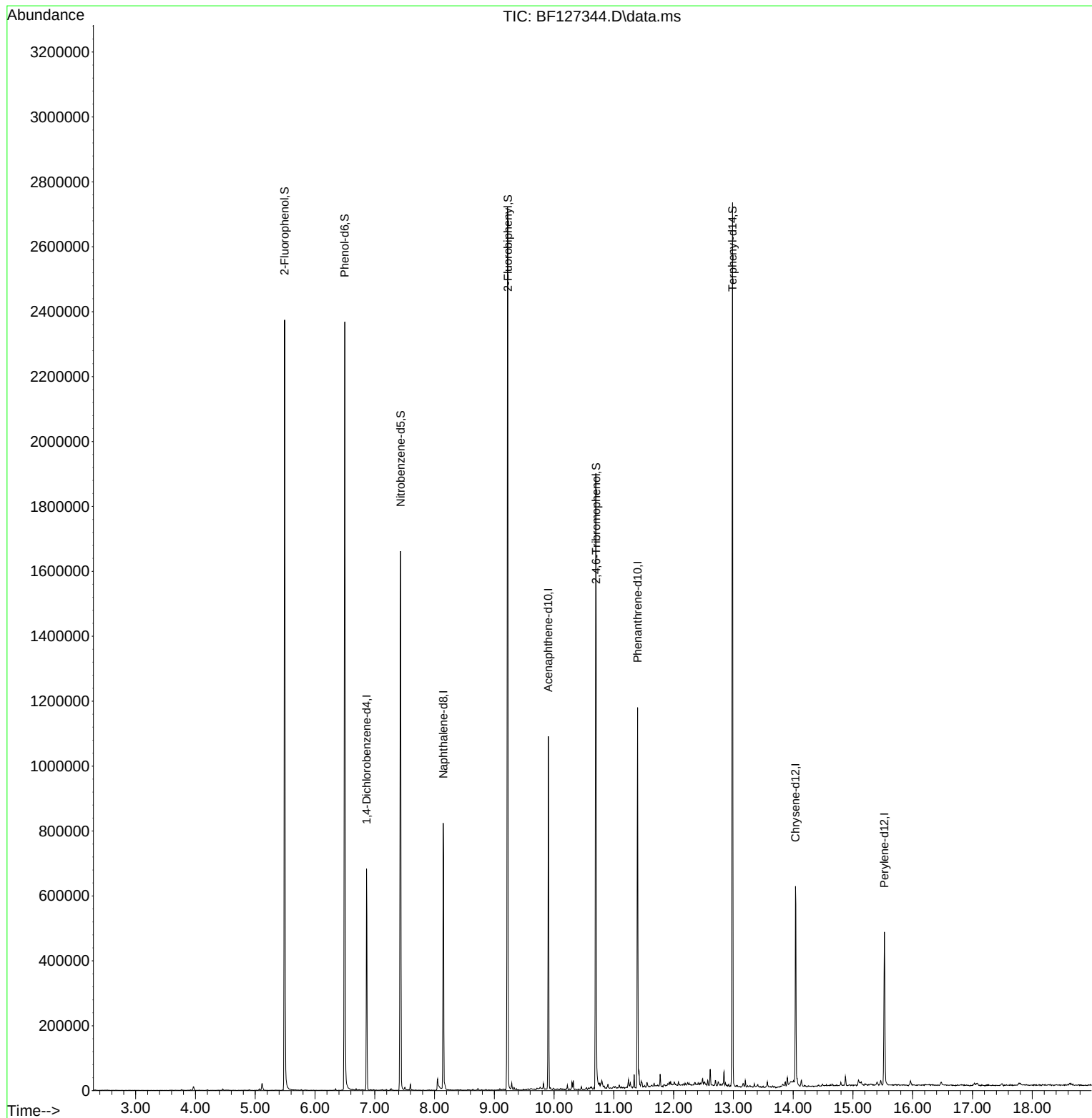
Target Compounds	Qvalue

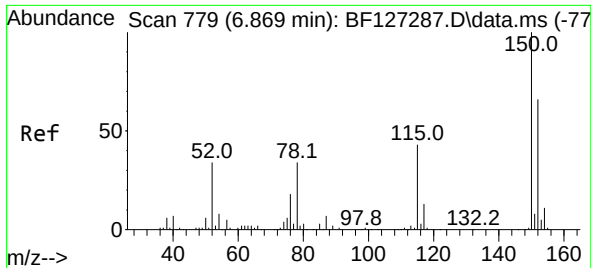
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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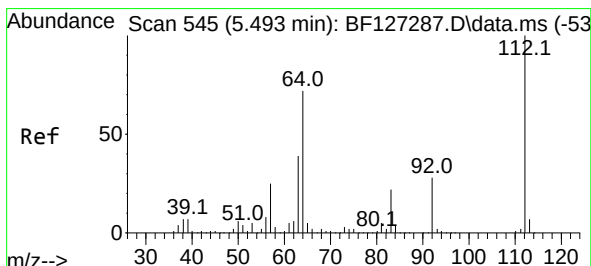
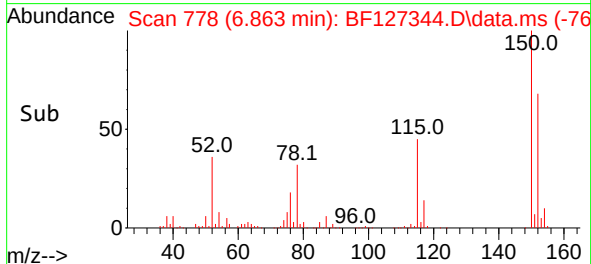
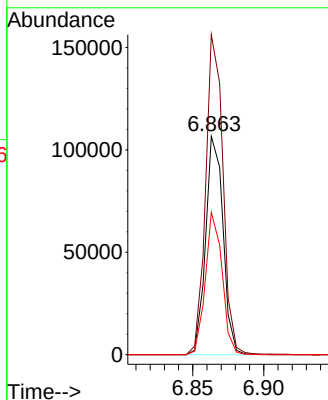
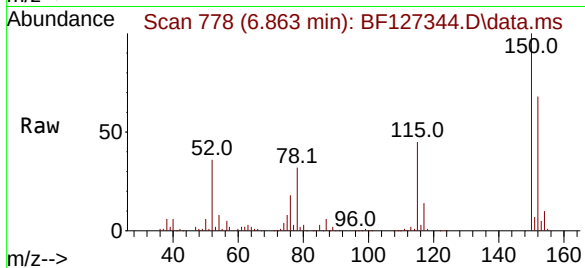




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

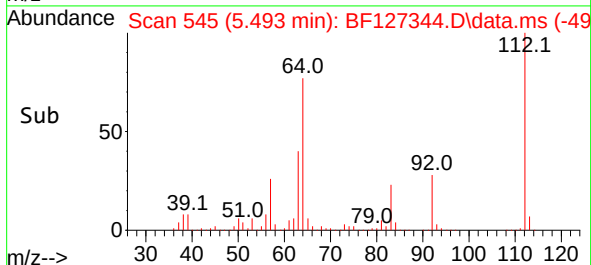
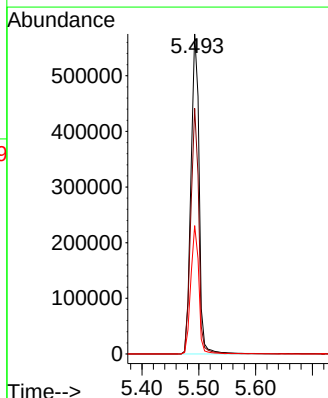
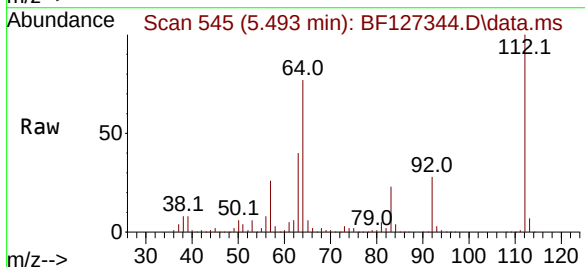
Instrument :
BNA_F
ClientSampleId :
TP-2

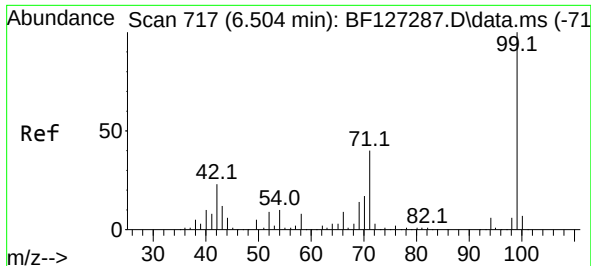
Tgt Ion:152 Resp: 90698
Ion Ratio Lower Upper
152 100
150 146.6 128.1 192.1
115 65.3 56.7 85.1



#5
2-Fluorophenol
Concen: 101.665 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

Tgt Ion:112 Resp: 573590
Ion Ratio Lower Upper
112 100
64 76.8 49.5 74.3#
63 40.1 23.9 35.9#





#7

Phenol-d6

Concen: 100.893 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127344.D

Acq: 16 Mar 2022 01:01

Instrument :

BNA_F

ClientSampleId :

TP-2

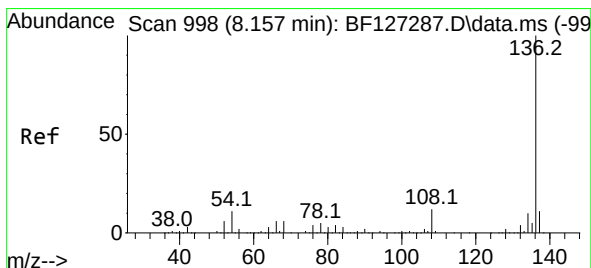
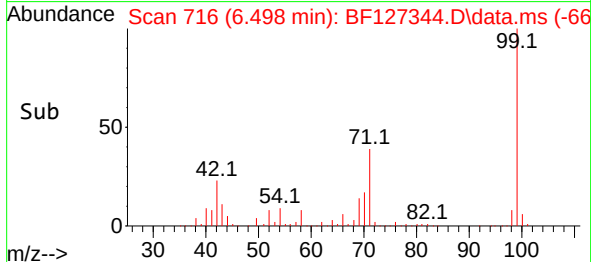
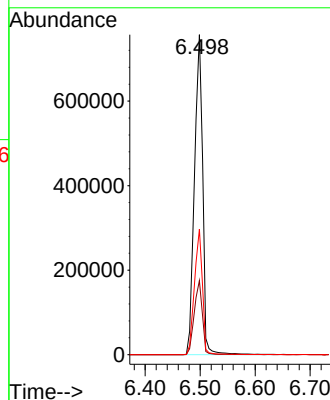
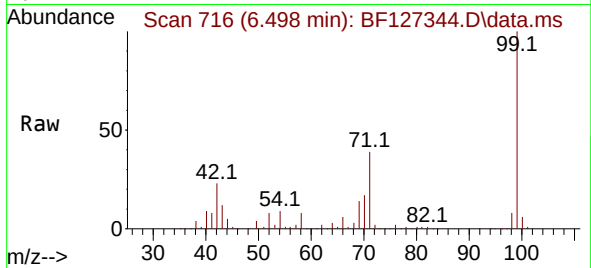
Tgt Ion: 99 Resp: 783071

Ion Ratio Lower Upper

99 100

42 23.1 14.2 21.4#

71 39.2 24.3 36.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 996

Delta R.T. -0.012 min

Lab File: BF127344.D

Acq: 16 Mar 2022 01:01

Tgt Ion: 136 Resp: 345795

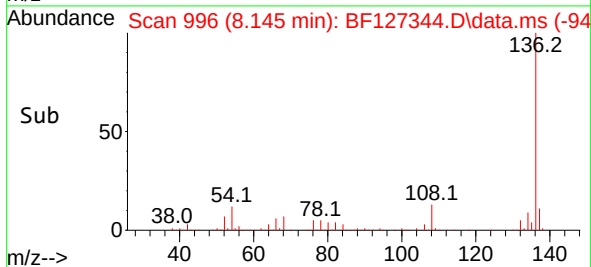
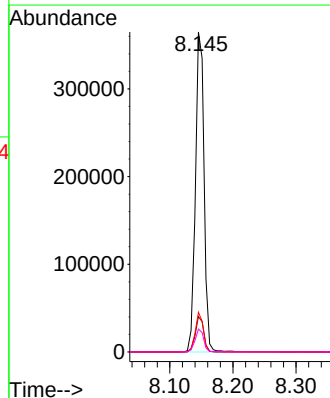
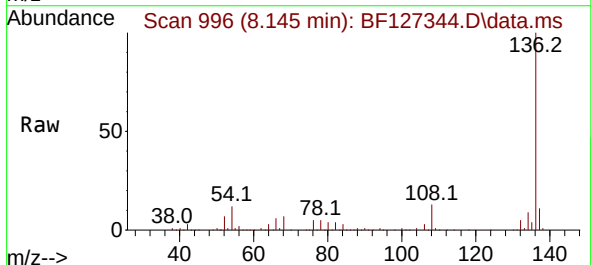
Ion Ratio Lower Upper

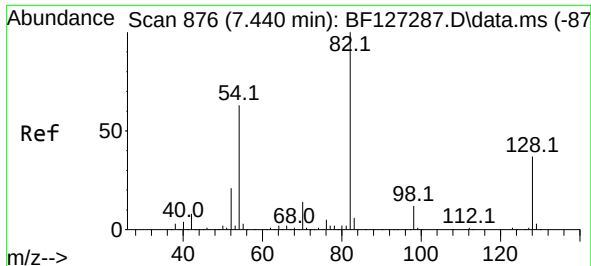
136 100

137 11.1 8.6 13.0

54 12.4 7.8 11.6#

68 7.1 6.3 9.5

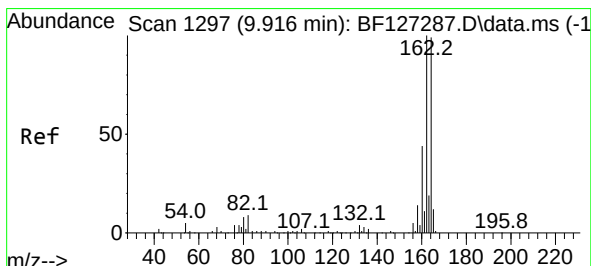
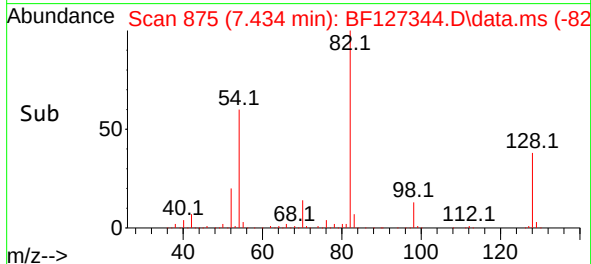
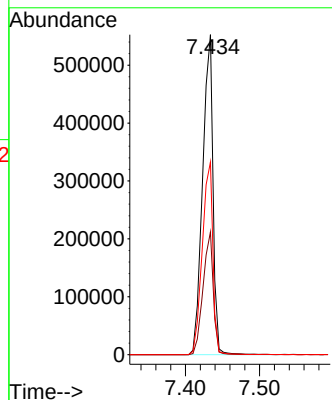
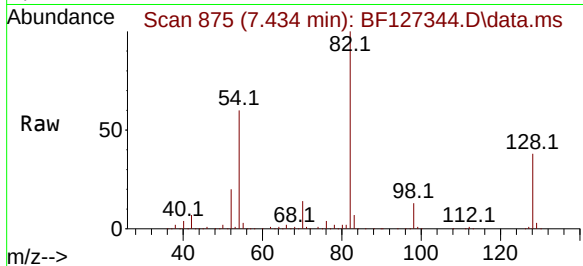




#23
Nitrobenzene-d5
Concen: 64.377 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

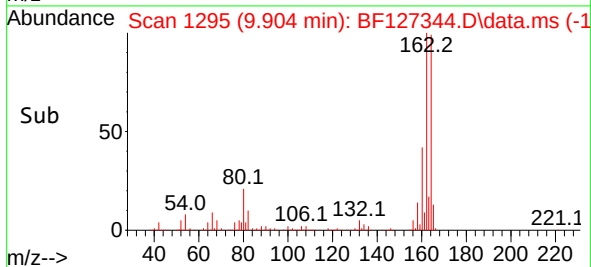
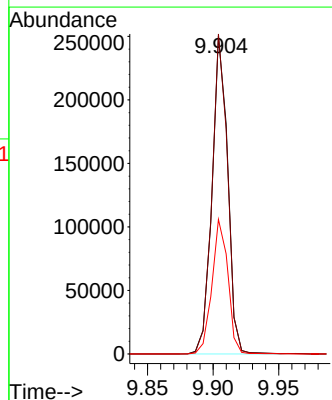
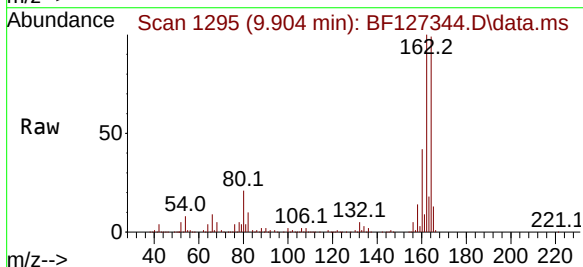
Instrument :
BNA_F
ClientSampleId :
TP-2

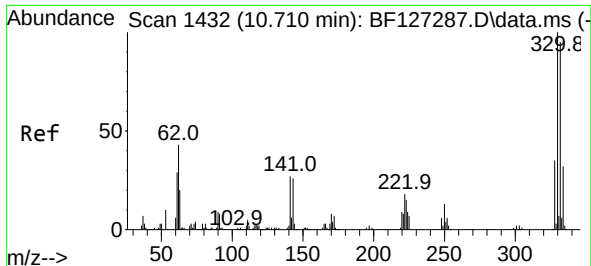
Tgt Ion: 82 Resp: 539038
Ion Ratio Lower Upper
82 100
128 38.4 32.7 49.1
54 60.2 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

Tgt Ion: 164 Resp: 208282
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 42.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 98.026 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF127344.D

Acq: 16 Mar 2022 01:01

Instrument :

BNA_F

ClientSampleId :

TP-2

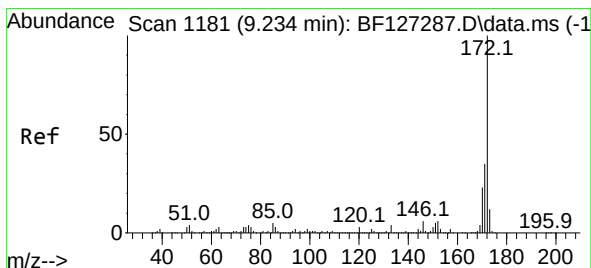
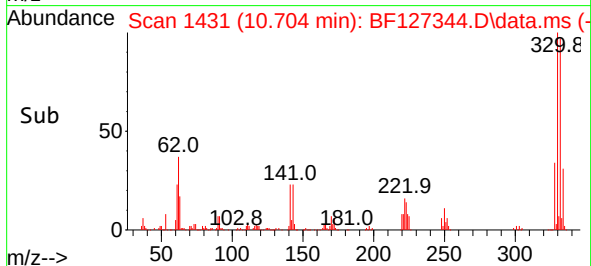
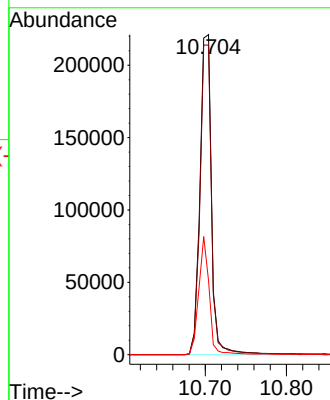
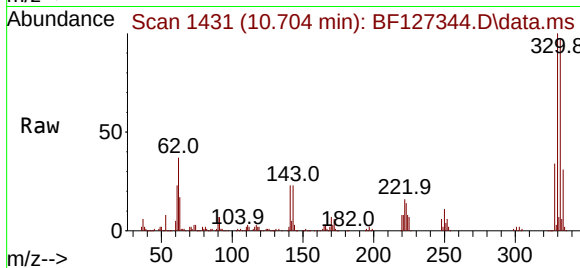
Tgt Ion:330 Resp: 219788

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

141 33.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 63.226 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127344.D

Acq: 16 Mar 2022 01:01

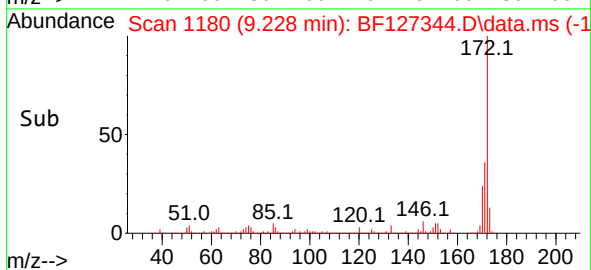
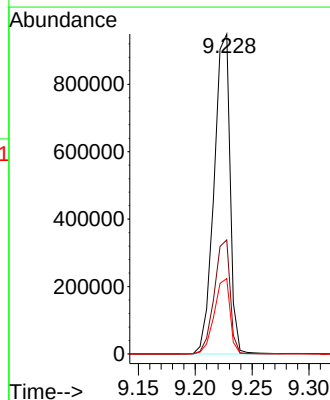
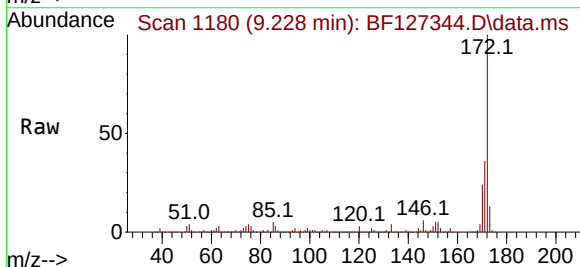
Tgt Ion:172 Resp: 931459

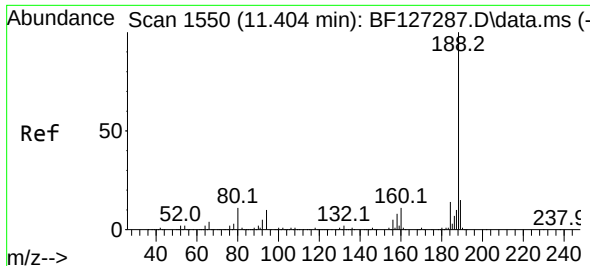
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.6 19.0 28.6

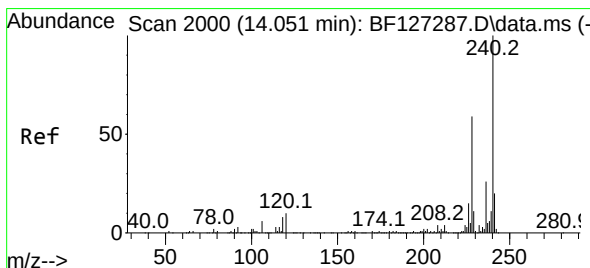
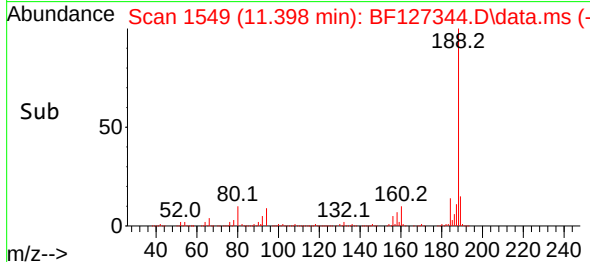
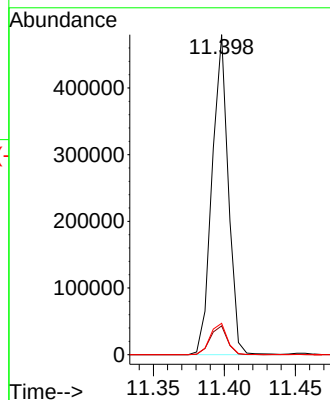
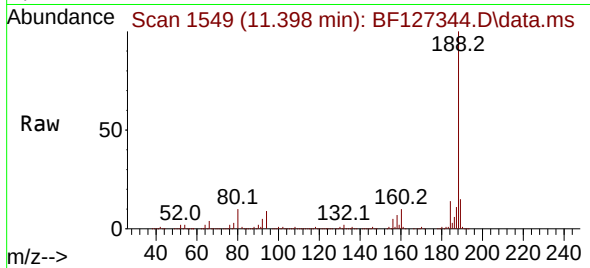




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

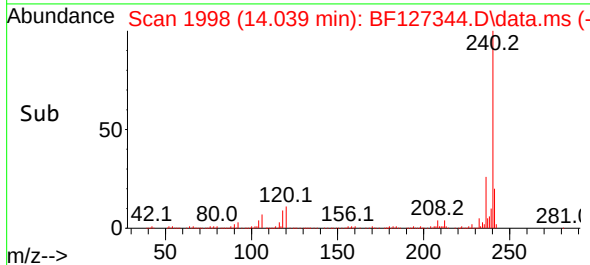
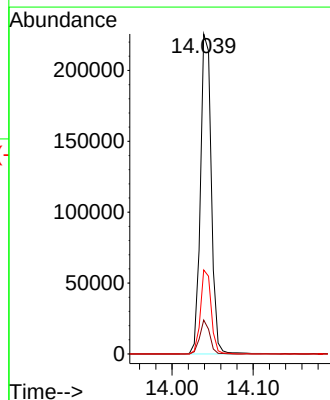
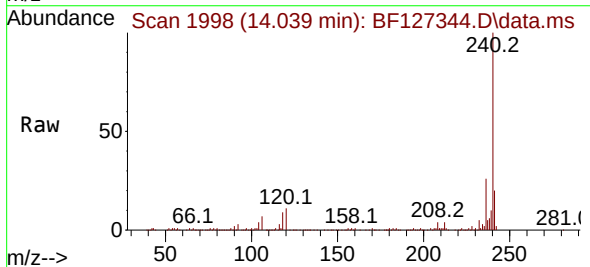
Instrument :
BNA_F
ClientSampleId :
TP-2

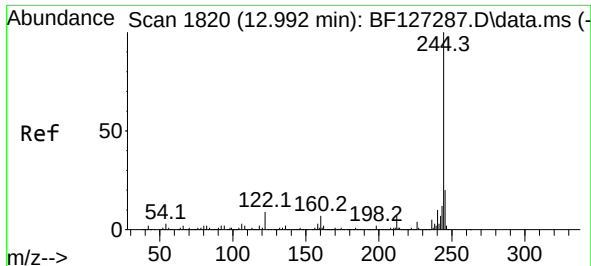
Tgt Ion:188 Resp: 382910
Ion Ratio Lower Upper
188 100
94 9.0 10.1 15.1#
80 9.8 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

Tgt Ion:240 Resp: 209995
Ion Ratio Lower Upper
240 100
120 10.6 14.4 21.6#
236 26.3 20.5 30.7

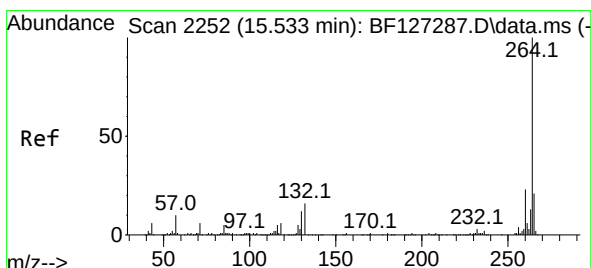
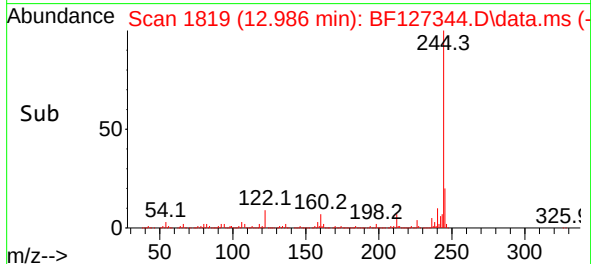
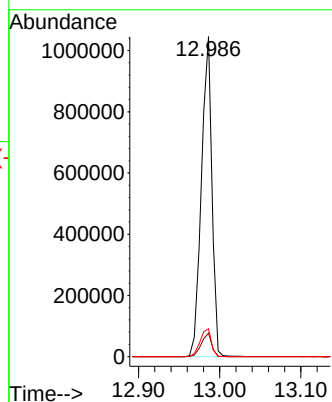
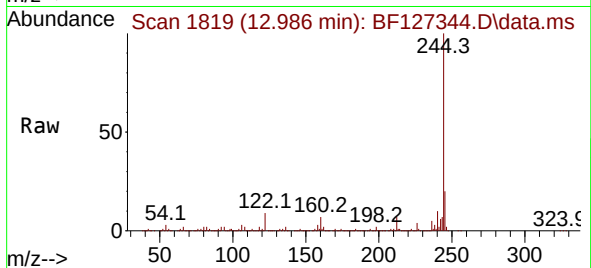




#79
 Terphenyl-d14
 Concen: 77.340 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127344.D
 Acq: 16 Mar 2022 01:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 943182
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 8.7 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF127344.D
 Acq: 16 Mar 2022 01:01

Tgt Ion:264 Resp: 202989
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 17.4 26.2

