

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127093.D
 Acq On : 28 Feb 2022 12:02
 Operator : CG\JU
 Sample : N1664-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Feb 28 16:57:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.899	152	102012	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	415289	20.000	ng	#-0.01
39) Acenaphthene-d10	9.940	164	213789	20.000	ng	-0.01
64) Phenanthrene-d10	11.434	188	377064	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	225751	20.000	ng	# 0.00
86) Perylene-d12	15.575	264	175305	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	631392	95.662	ng	0.00
7) Phenol-d6	6.528	99	825541	92.694	ng	-0.01
23) Nitrobenzene-d5	7.463	82	587430	63.847	ng	-0.01
42) 2,4,6-Tribromophenol	10.734	330	264396	107.413	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	970917	66.858	ng	0.00
79) Terphenyl-d14	13.022	244	1083032	70.525	ng	0.00

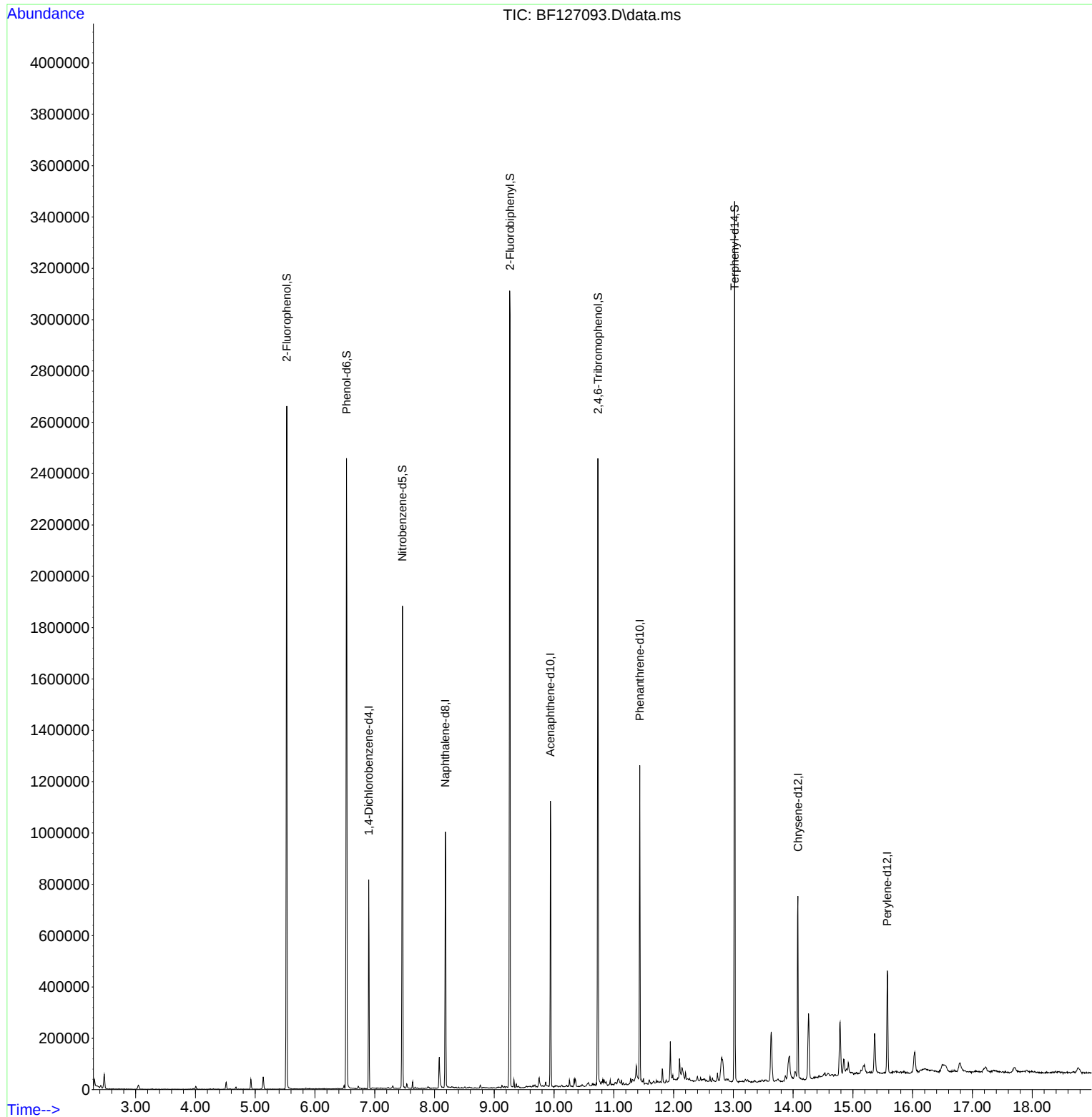
Target Compounds	Qvalue

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

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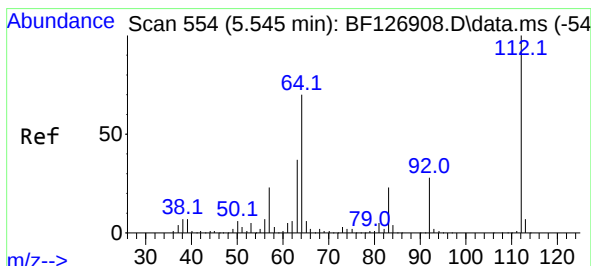
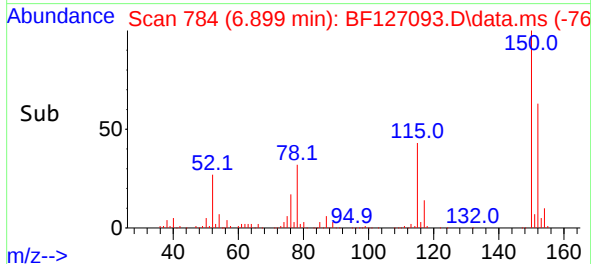
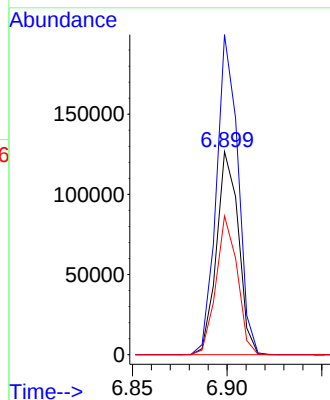
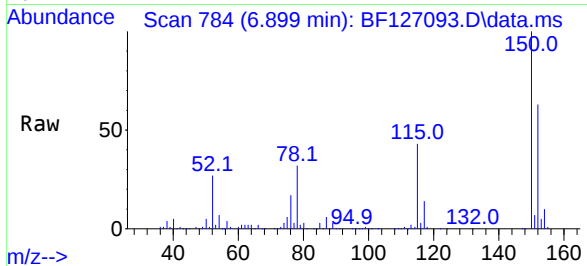




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.899 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

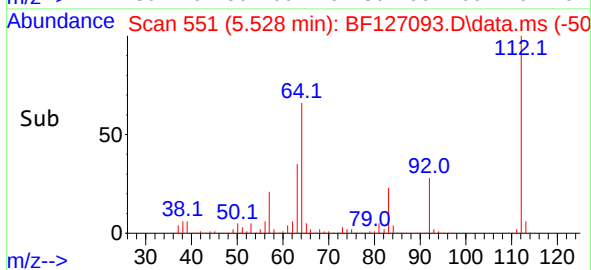
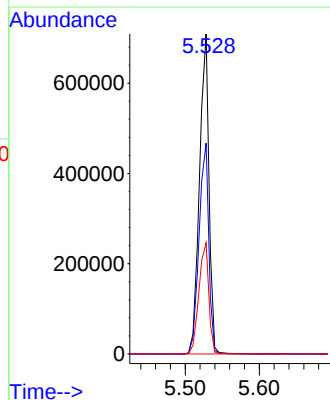
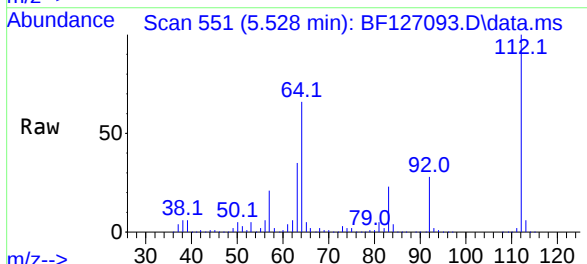
Instrument :
BNA_F
ClientSampleId :
TP-1

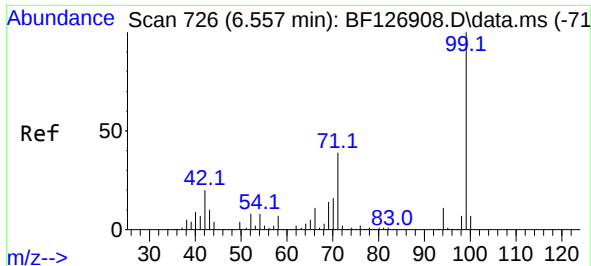
Tgt Ion:152 Resp: 102012
Ion Ratio Lower Upper
152 100
150 157.7 128.1 192.1
115 68.4 56.7 85.1



#5
2-Fluorophenol
Concen: 95.662 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

Tgt Ion:112 Resp: 631392
Ion Ratio Lower Upper
112 100
64 65.9 49.5 74.3
63 34.7 23.9 35.9

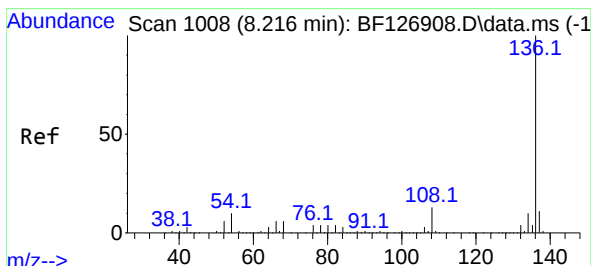
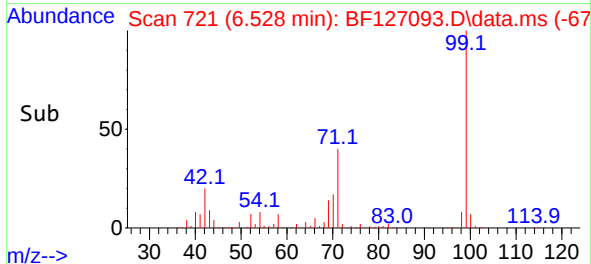
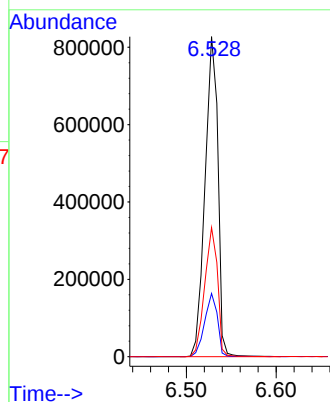
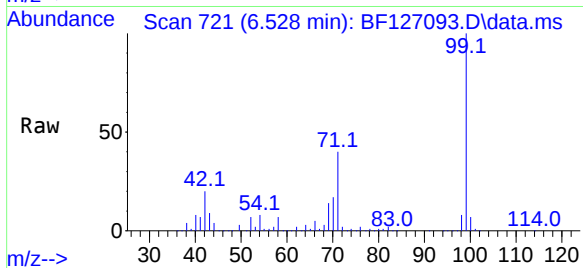




#7
Phenol-d6
Concen: 92.694 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

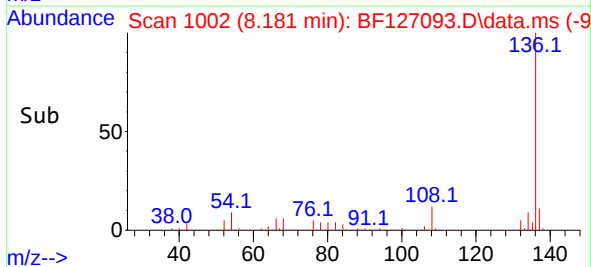
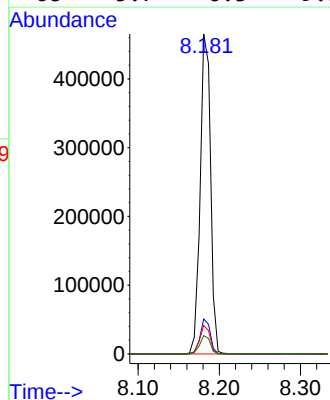
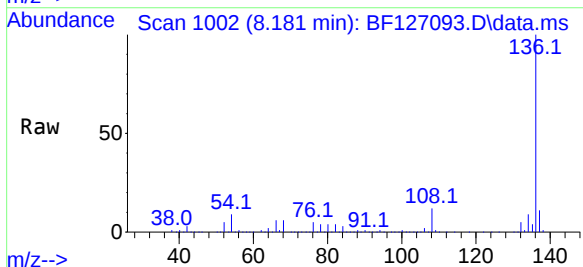
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 825541
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 40.4 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.011 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

Tgt Ion: 136 Resp: 415289
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.9 7.8 11.6
68 5.7 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 63.847 ng

RT: 7.463 min Scan# 81

Delta R.T. -0.011 min

Lab File: BF127093.D

Acq: 28 Feb 2022 12:02

Instrument :

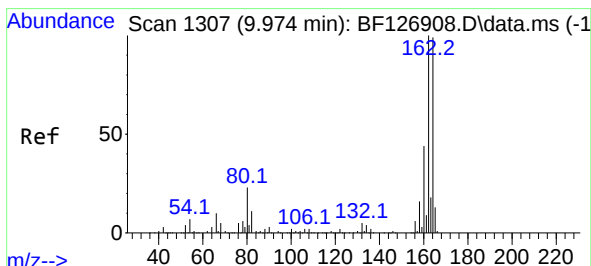
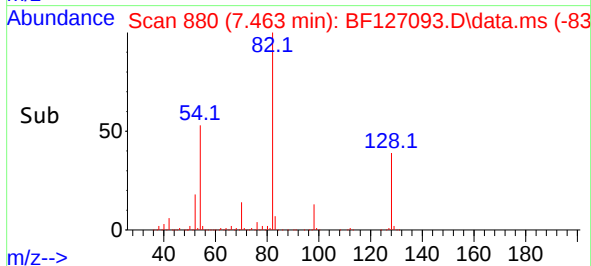
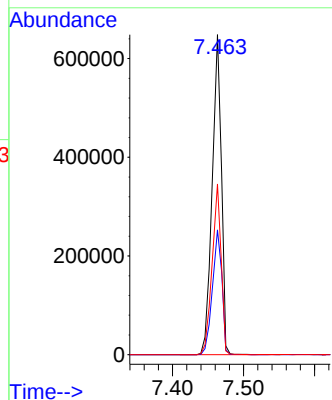
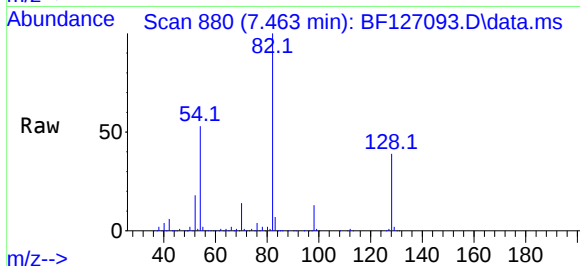
BNA_F

ClientSampleId :

TP-1

Tgt Ion: 82 Resp: 587430

Ion	Ratio	Lower	Upper
82	100		
128	39.0	32.7	49.1
54	53.3	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.940 min Scan# 1301

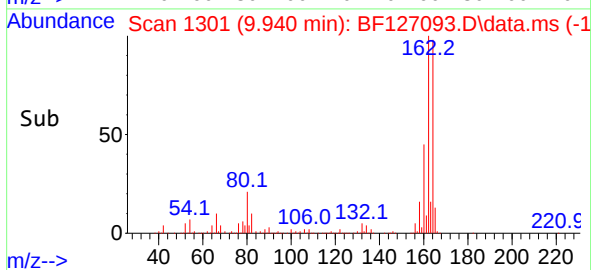
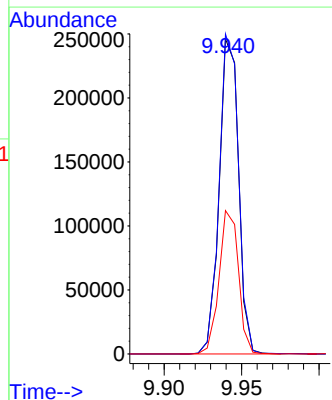
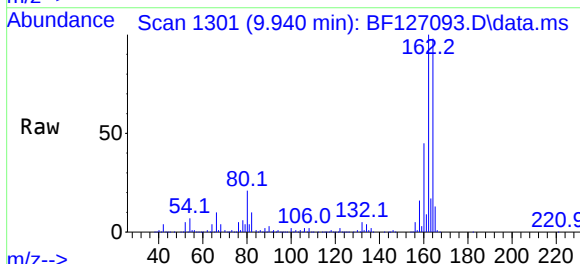
Delta R.T. -0.011 min

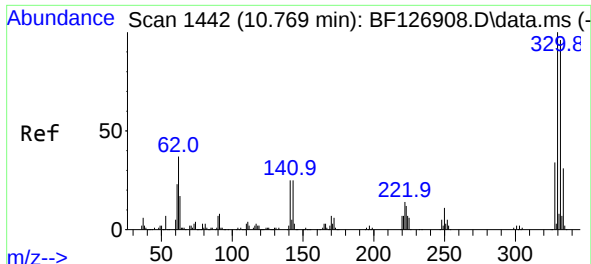
Lab File: BF127093.D

Acq: 28 Feb 2022 12:02

Tgt Ion: 164 Resp: 213789

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.0
160	45.5	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 107.413 ng

RT: 10.734 min Scan# 1442

Delta R.T. -0.011 min

Lab File: BF127093.D

Acq: 28 Feb 2022 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1

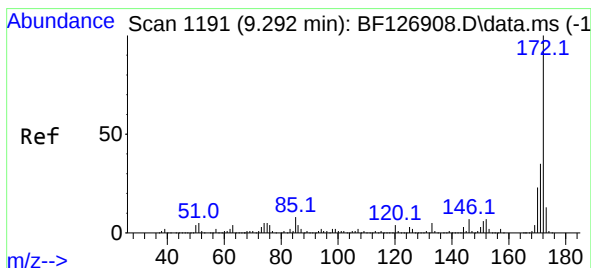
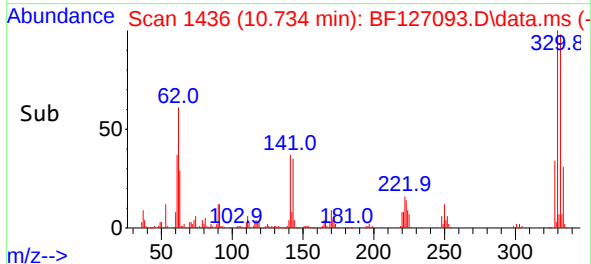
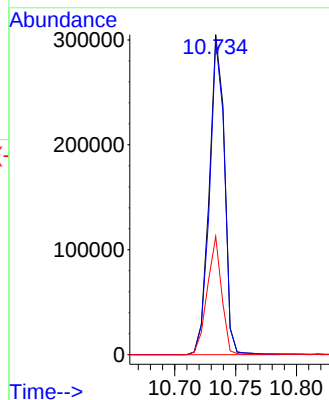
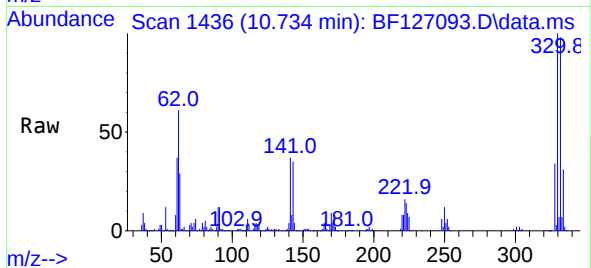
Tgt Ion:330 Resp: 264396

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 35.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 66.858 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF127093.D

Acq: 28 Feb 2022 12:02

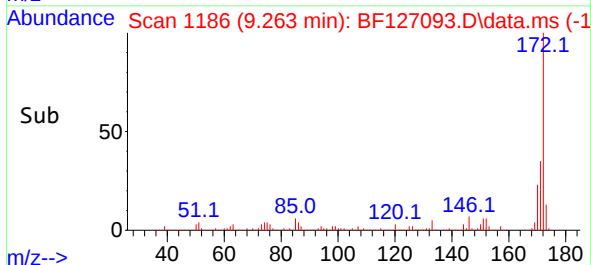
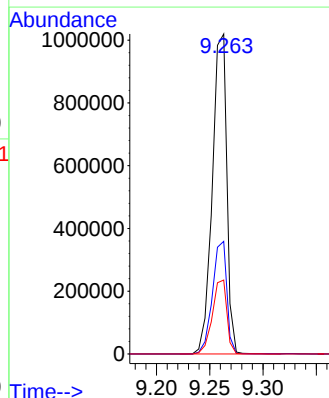
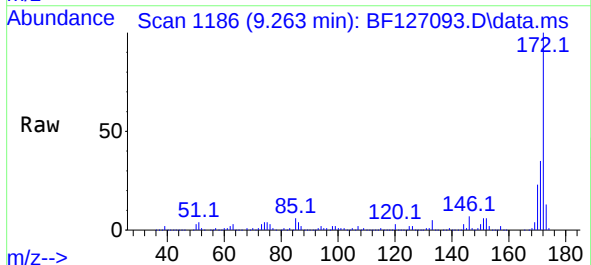
Tgt Ion:172 Resp: 970917

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.1 19.0 28.6

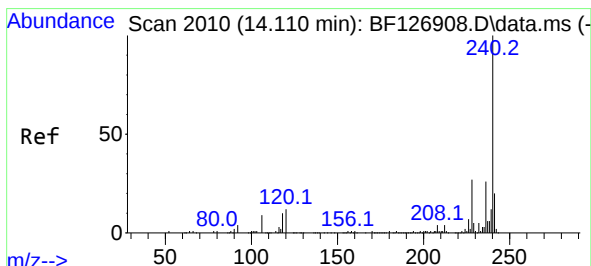
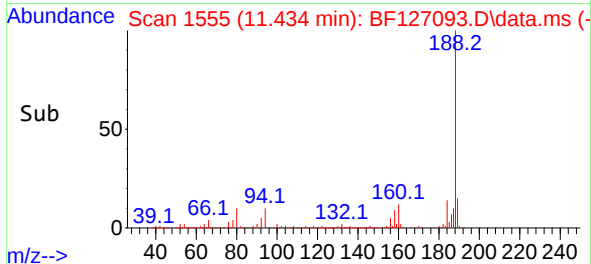
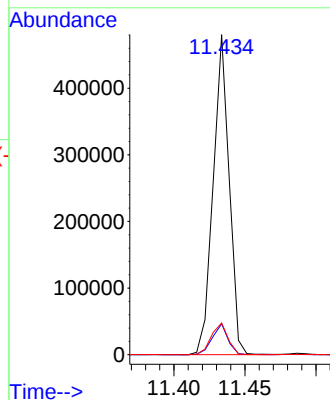
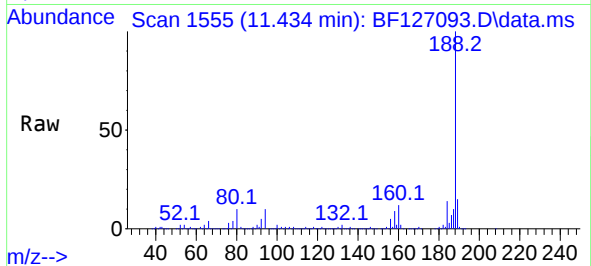




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.434 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

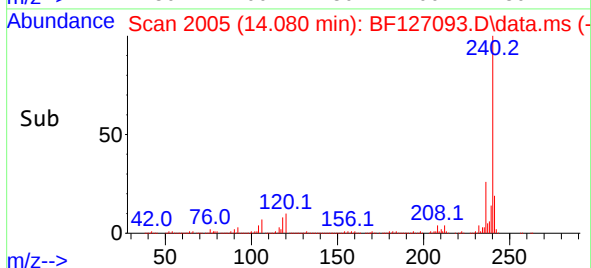
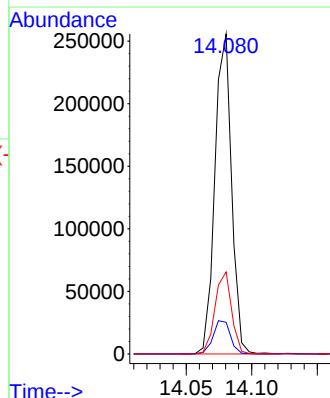
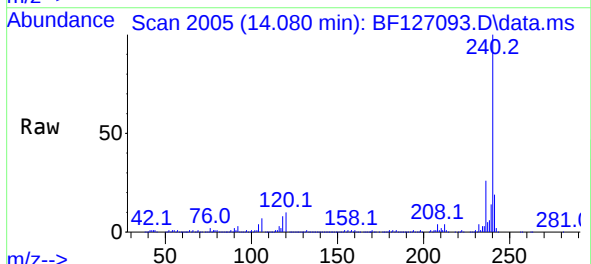
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:188 Resp: 377064
Ion Ratio Lower Upper
188 100
94 9.6 10.1 15.1#
80 9.9 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

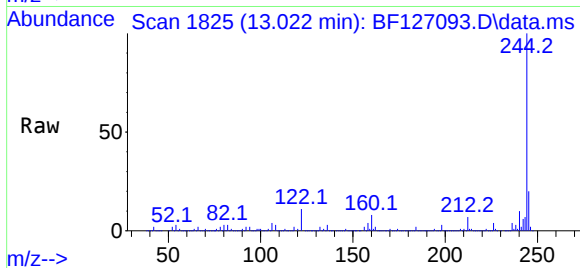
Tgt Ion:240 Resp: 225751
Ion Ratio Lower Upper
240 100
120 9.9 14.4 21.6#
236 25.7 20.5 30.7



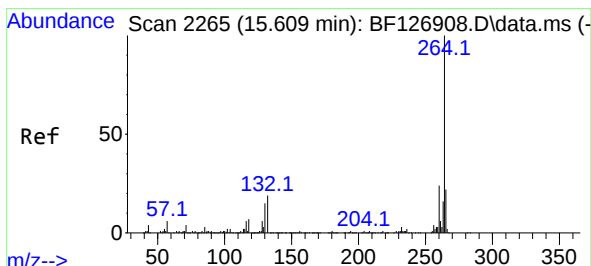
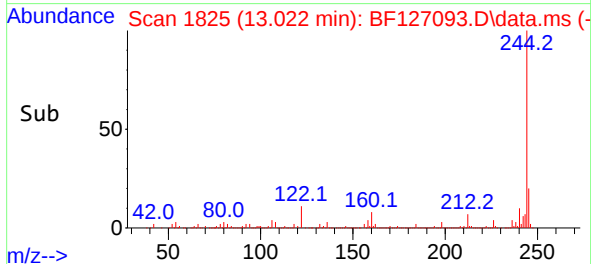
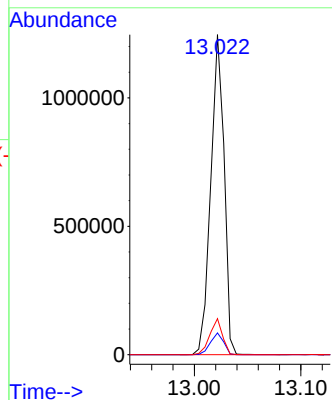


#79
 Terphenyl-d14
 Concen: 70.525 ng
 RT: 13.022 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127093.D
 Acq: 28 Feb 2022 12:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-1



Tgt Ion:244 Resp: 1083032
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 11.2 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.575 min Scan# 2259
 Delta R.T. -0.011 min
 Lab File: BF127093.D
 Acq: 28 Feb 2022 12:02

Tgt Ion:264 Resp: 175305
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 19.8 17.4 26.2

