

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127391.D
 Acq On : 18 Mar 2022 14:49
 Operator : CG\JU
 Sample : PB143421BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143421BL

Quant Time: Mar 19 01:51:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	100875	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	370179	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	203133	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	382225	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	266648	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	201148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	701954	111.865	ng	0.02
7) Phenol-d6	6.498	99	960152	111.228	ng	0.00
23) Nitrobenzene-d5	7.428	82	690379	77.020	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	252321	115.388	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1179367	82.083	ng	0.00
79) Terphenyl-d14	12.980	244	1341600	86.637	ng	0.00

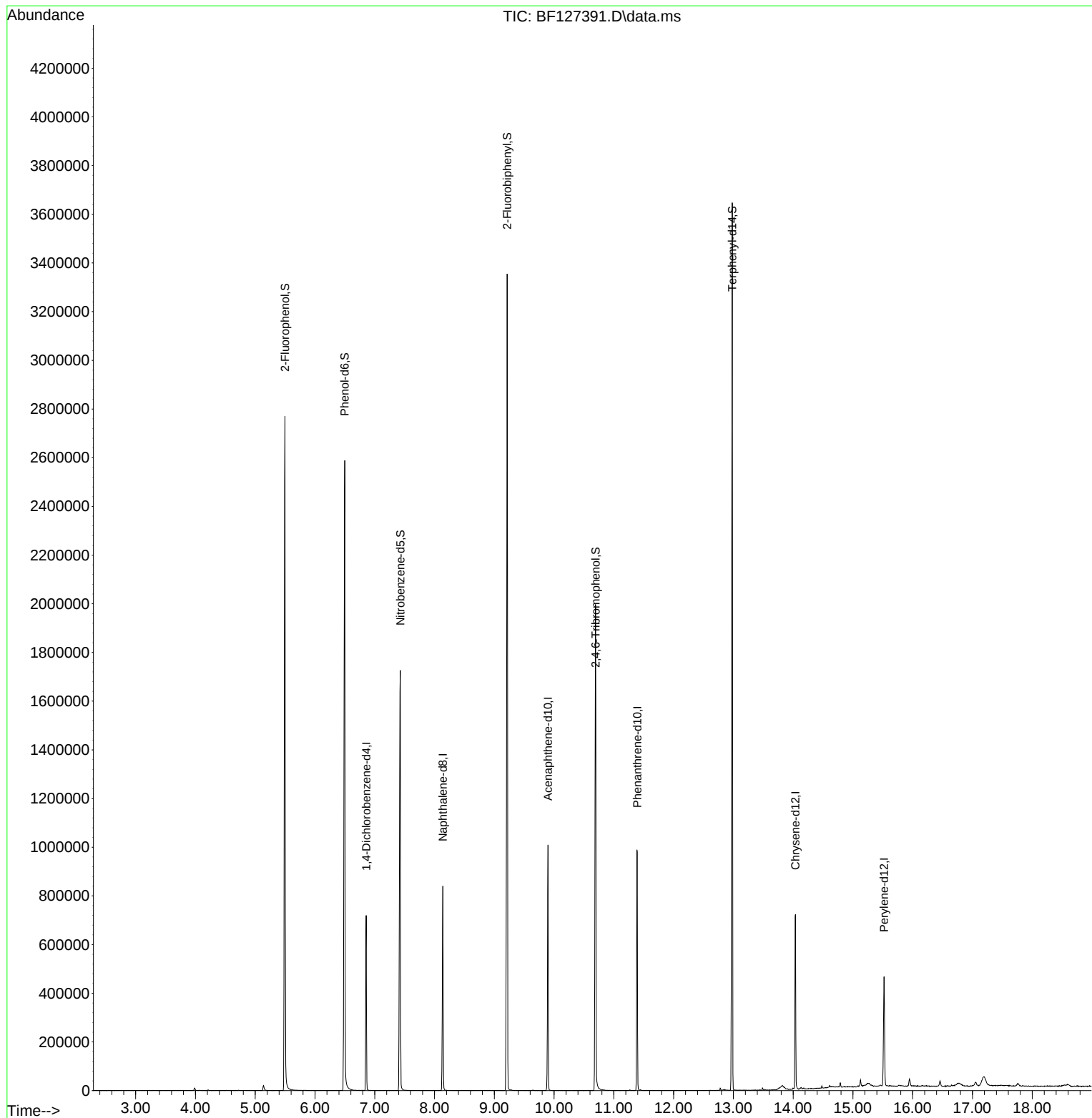
Target Compounds	Qvalue

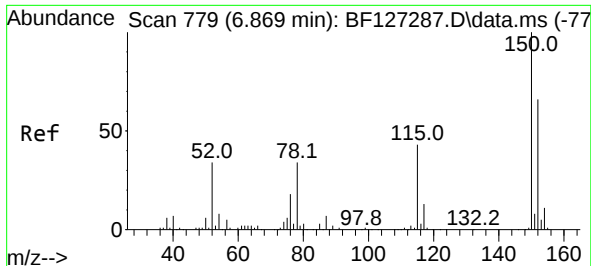
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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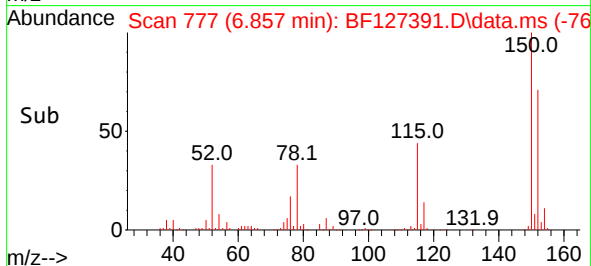
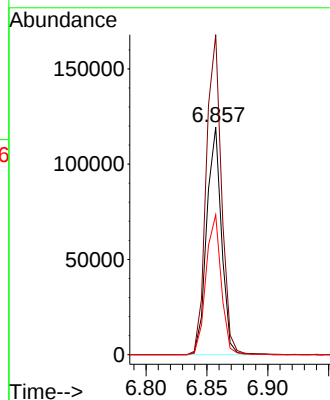
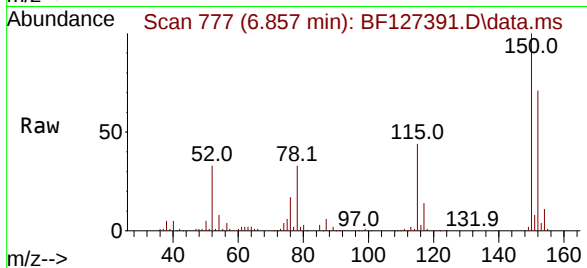




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

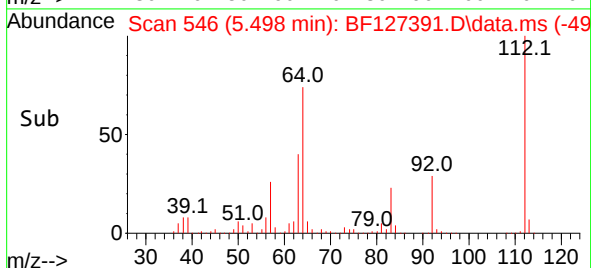
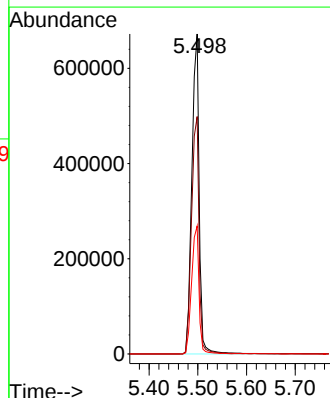
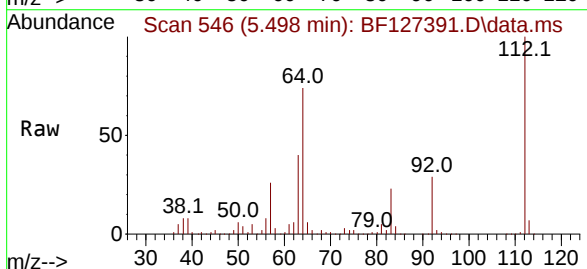
Instrument :
BNA_F
ClientSampleId :
PB143421BL

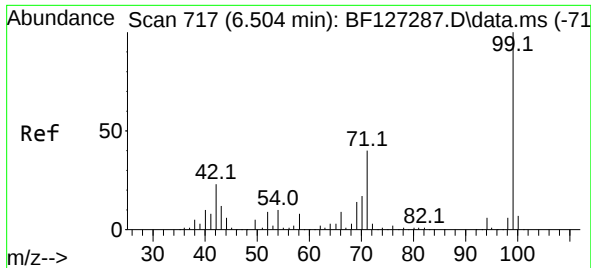
Tgt Ion:152 Resp: 100875
Ion Ratio Lower Upper
152 100
150 140.6 128.1 192.1
115 61.4 56.7 85.1



#5
2-Fluorophenol
Concen: 111.865 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.018 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

Tgt Ion:112 Resp: 701954
Ion Ratio Lower Upper
112 100
64 74.2 49.5 74.3
63 40.0 23.9 35.9#

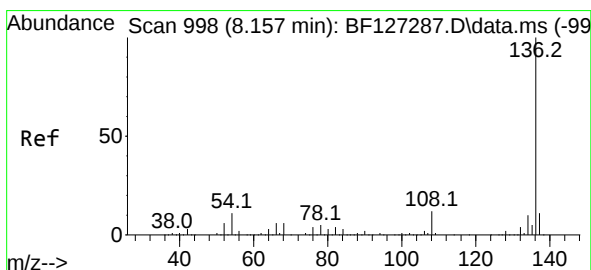
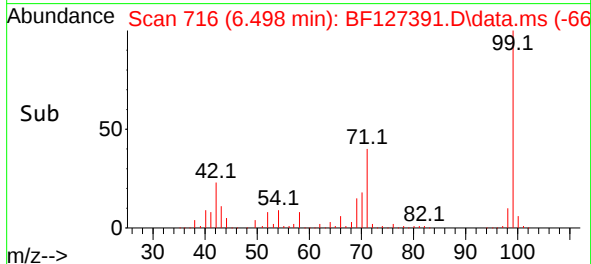
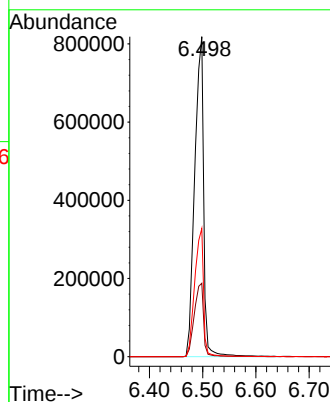
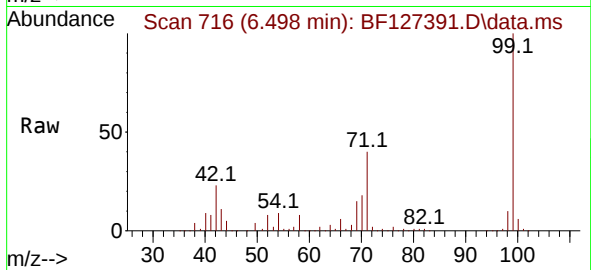




#7
Phenol-d6
Concen: 111.228 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

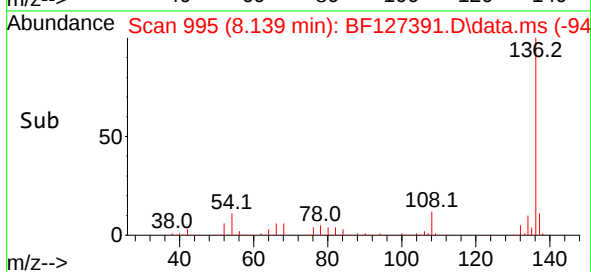
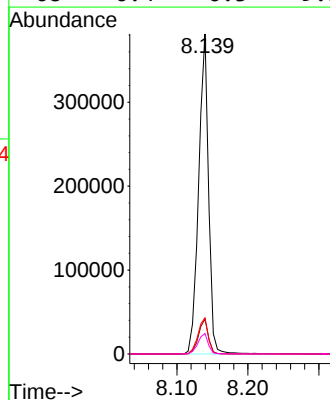
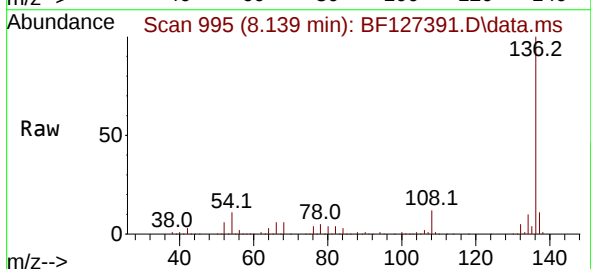
Instrument :
BNA_F
ClientSampleId :
PB143421BL

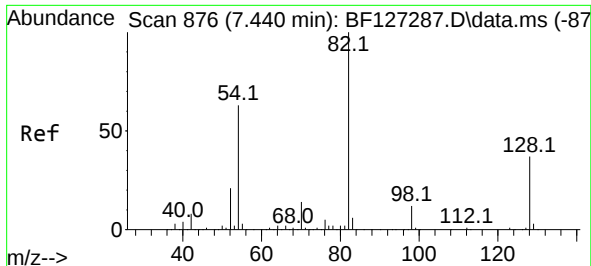
Tgt Ion: 99 Resp: 960152
Ion Ratio Lower Upper
99 100
42 22.9 14.2 21.4#
71 40.1 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

Tgt Ion: 136 Resp: 370179
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.3 7.8 11.6
68 6.4 6.3 9.5

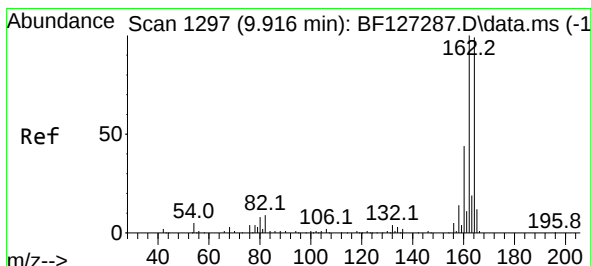
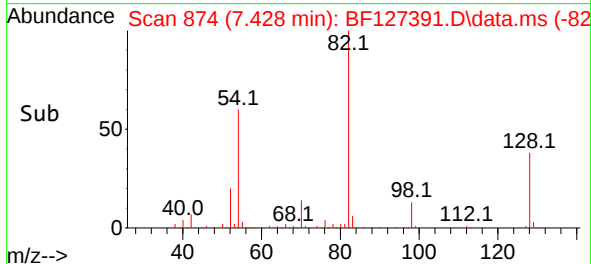
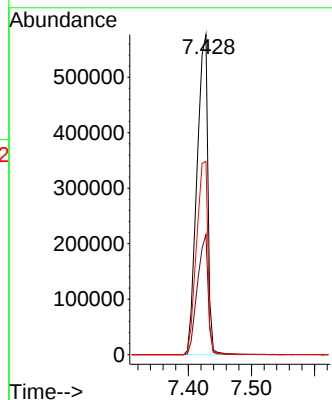
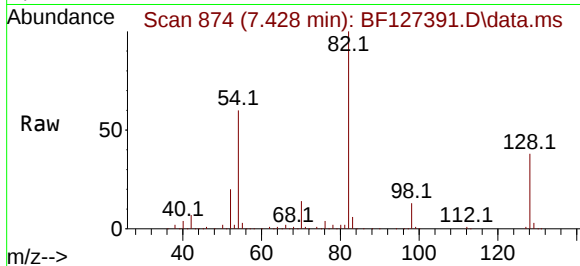




#23
Nitrobenzene-d5
Concen: 77.020 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

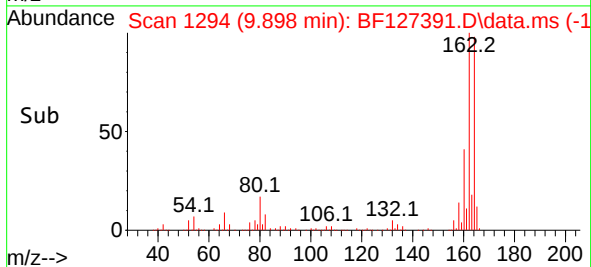
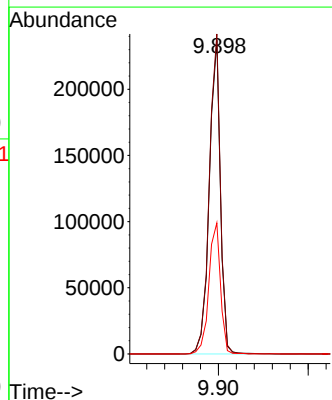
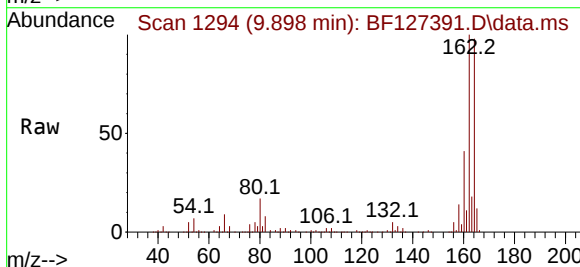
Instrument :
BNA_F
ClientSampleId :
PB143421BL

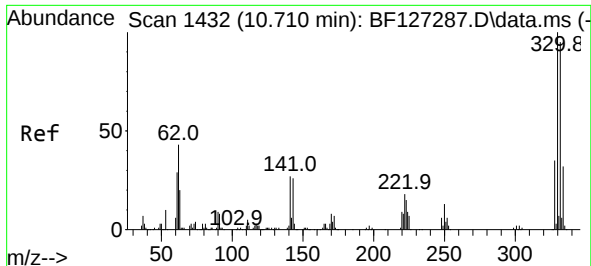
Tgt Ion: 82 Resp: 690379
Ion Ratio Lower Upper
82 100
128 37.6 32.7 49.1
54 60.4 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

Tgt Ion:164 Resp: 203133
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 41.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 115.388 ng

RT: 10.698 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF127391.D

Acq: 18 Mar 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB143421BL

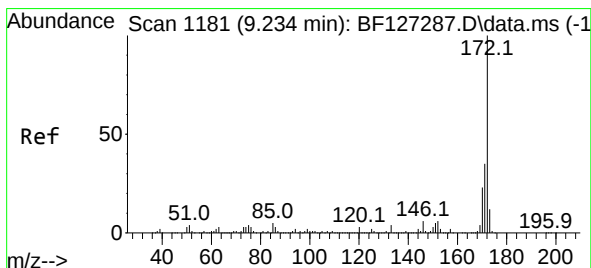
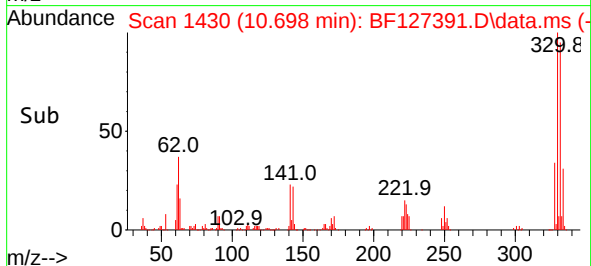
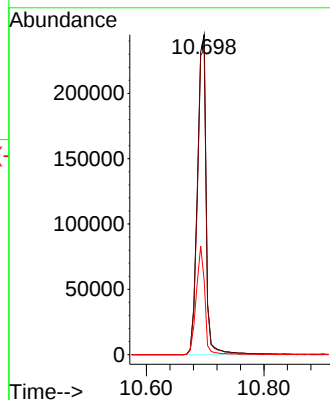
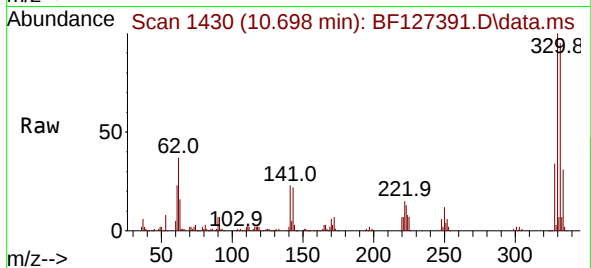
Tgt Ion:330 Resp: 252321

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

141 33.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 82.083 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF127391.D

Acq: 18 Mar 2022 14:49

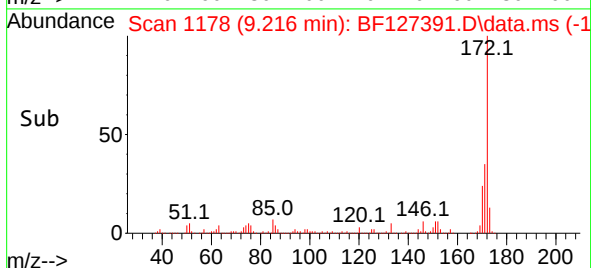
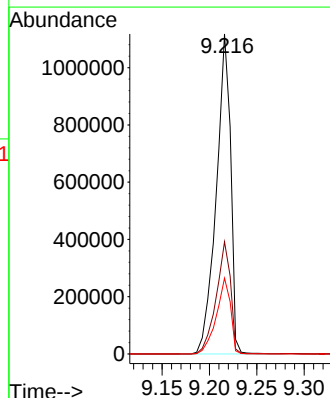
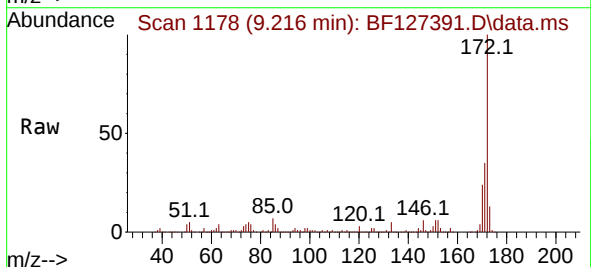
Tgt Ion:172 Resp: 1179367

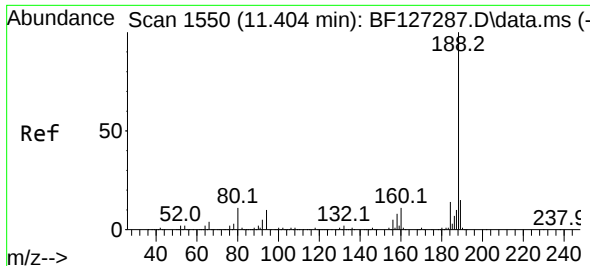
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.7 19.0 28.6

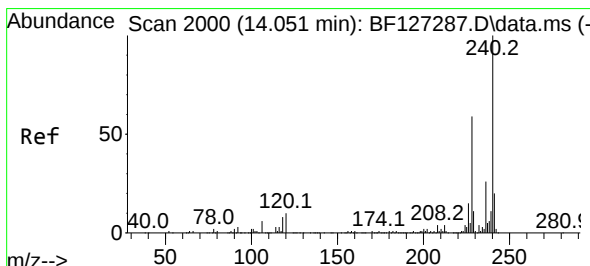
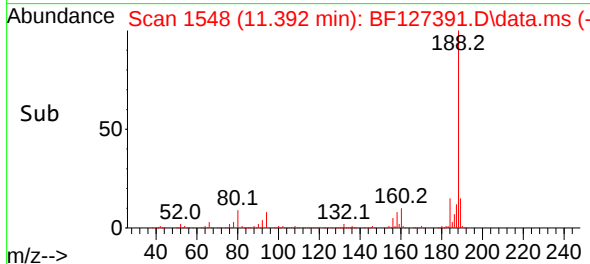
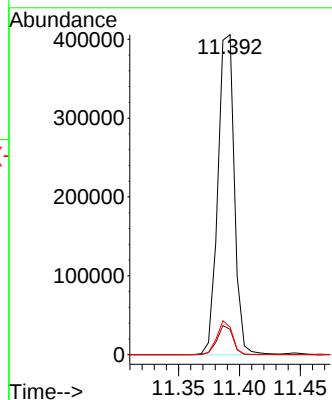
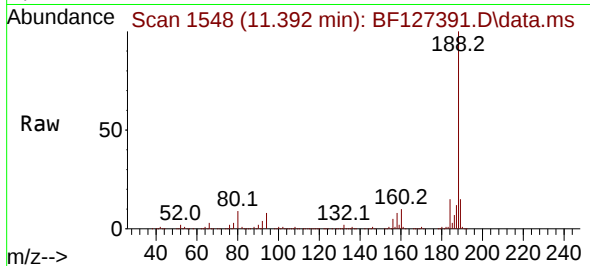




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11392
Delta R.T. 0.000 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

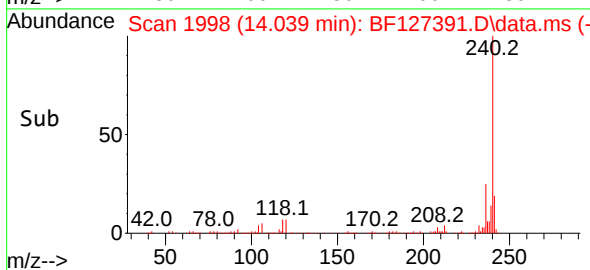
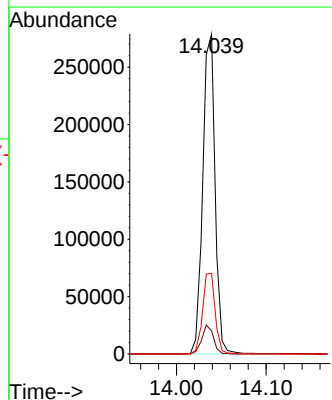
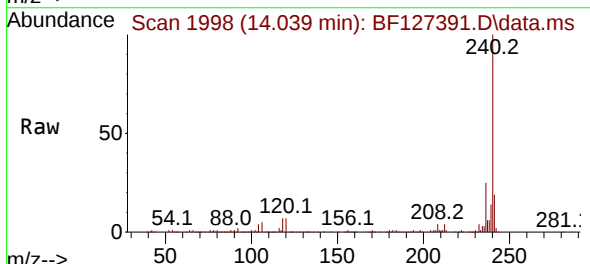
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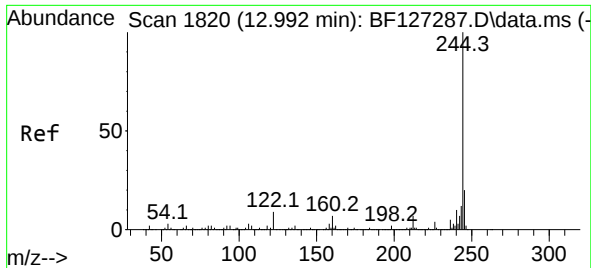
Tgt Ion:188 Resp: 382225
Ion Ratio Lower Upper
188 100
94 7.9 10.1 15.1#
80 8.6 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

Tgt Ion:240 Resp: 266648
Ion Ratio Lower Upper
240 100
120 7.2 14.4 21.6#
236 25.2 20.5 30.7

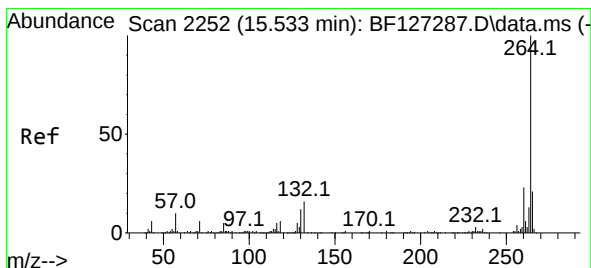
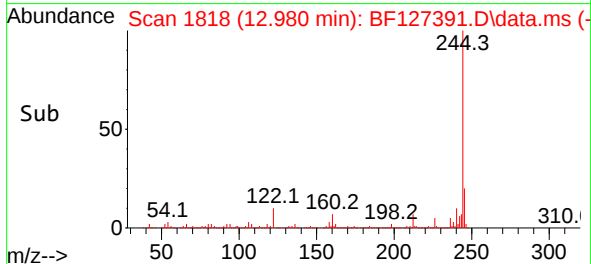
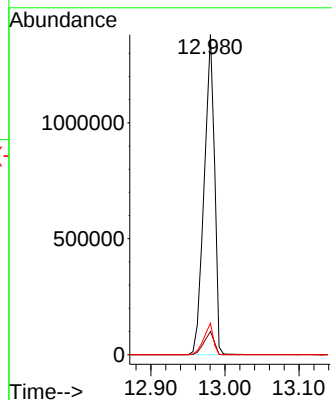
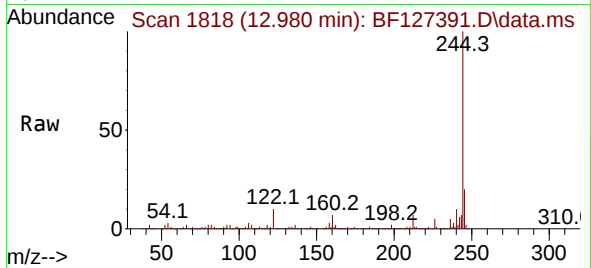




#79
 Terphenyl-d14
 Concen: 86.637 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127391.D
 Acq: 18 Mar 2022 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB143421BL

Tgt Ion:244 Resp: 1341600
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 9.8 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2250
 Delta R.T. 0.000 min
 Lab File: BF127391.D
 Acq: 18 Mar 2022 14:49

Tgt Ion:264 Resp: 201148
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 17.4 26.2

