

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041322\
 Data File : BF127786.D
 Acq On : 13 Apr 2022 16:12
 Operator : CG\JU
 Sample : N2333-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Apr 13 16:52:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	117393	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	410276	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	204574	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	303158	20.000	ng	0.00
76) Chrysene-d12	14.133	240	254018	20.000	ng	-0.01
86) Perylene-d12	15.657	264	304754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	395153	54.695	ng	0.00
7) Phenol-d6	6.569	99	295785	31.296	ng	-0.02
23) Nitrobenzene-d5	7.522	82	794844	86.369	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	260033	119.447	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1313788	90.851	ng	0.00
79) Terphenyl-d14	13.080	244	1061266	68.961	ng	0.00

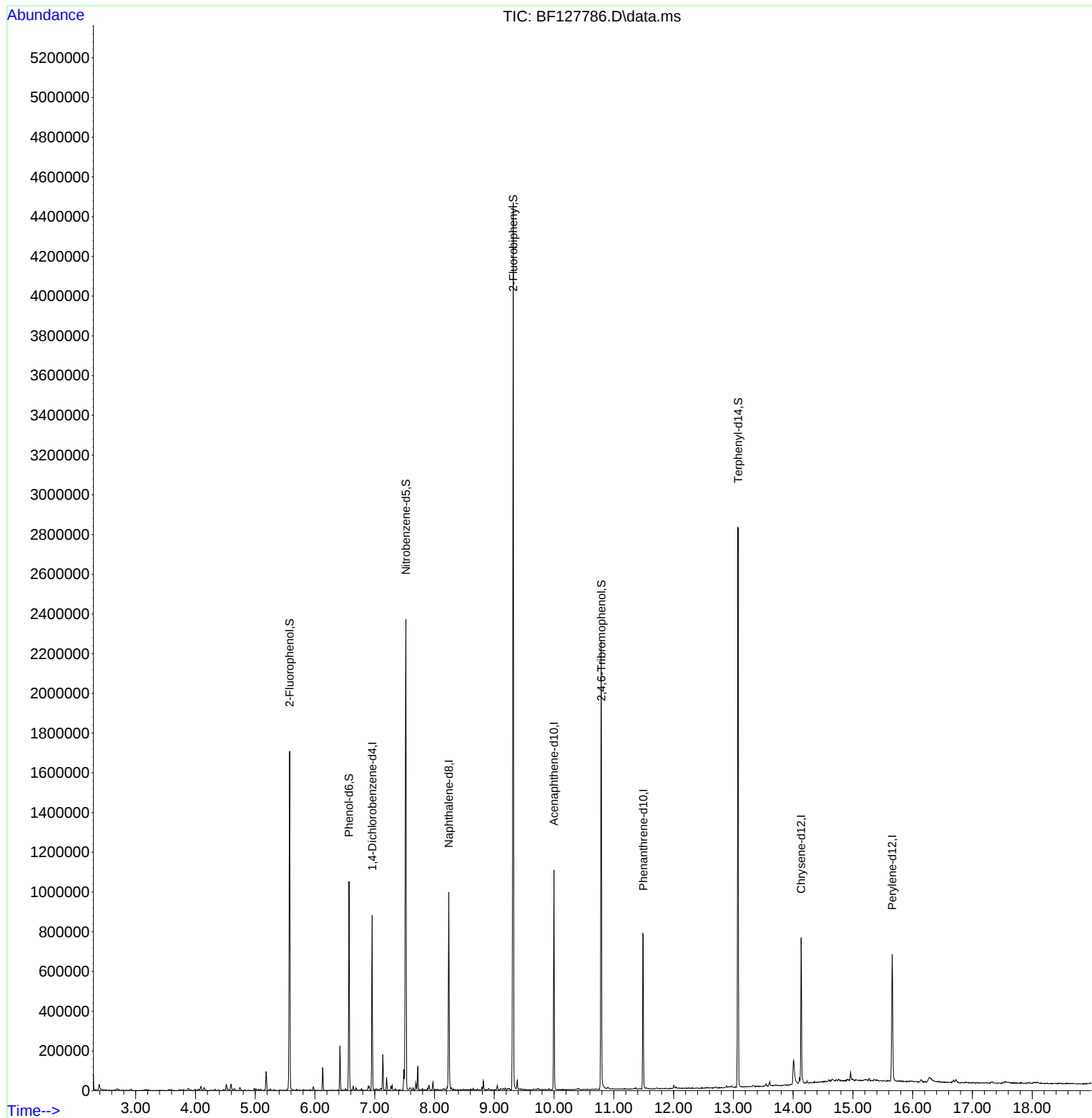
Target Compounds	Qvalue

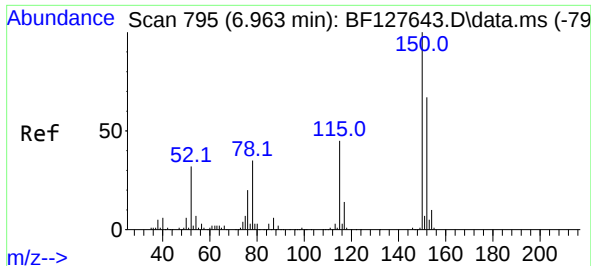
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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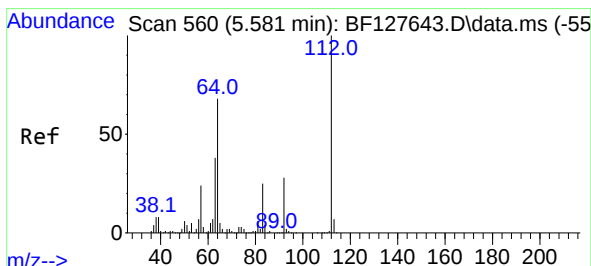
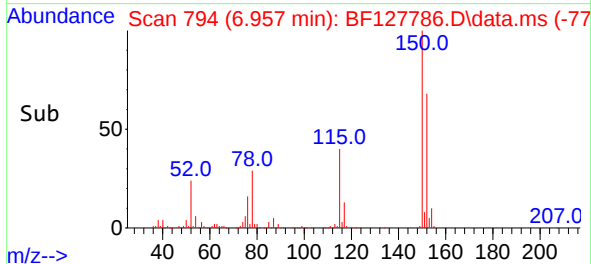
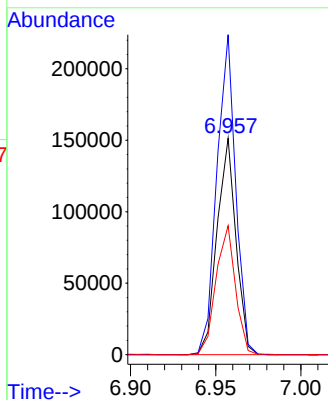
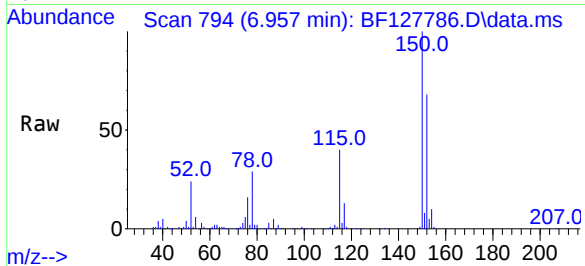




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

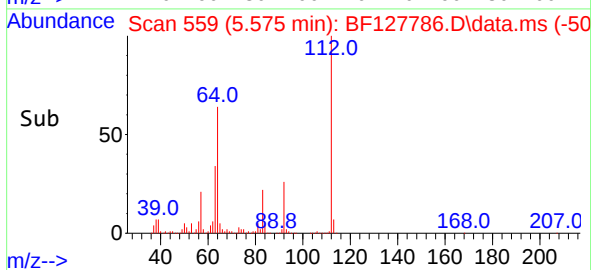
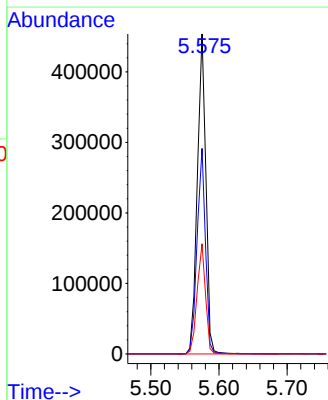
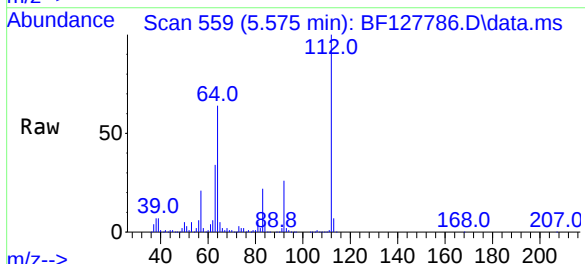
Instrument :
BNA_F
ClientSampleId :
MW-2

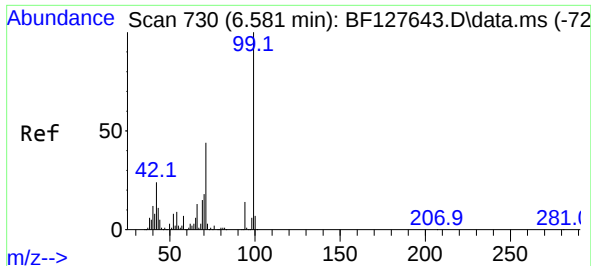
Tgt Ion:152 Resp: 117393
Ion Ratio Lower Upper
152 100
150 147.8 117.2 175.8
115 59.6 49.8 74.6



#5
2-Fluorophenol
Concen: 54.695 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

Tgt Ion:112 Resp: 395153
Ion Ratio Lower Upper
112 100
64 64.3 58.4 87.6
63 34.5 30.1 45.1

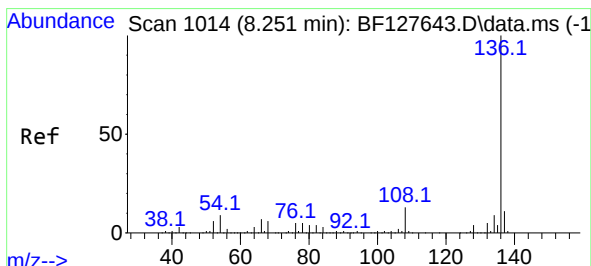
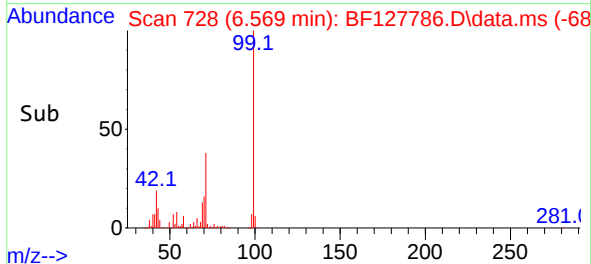
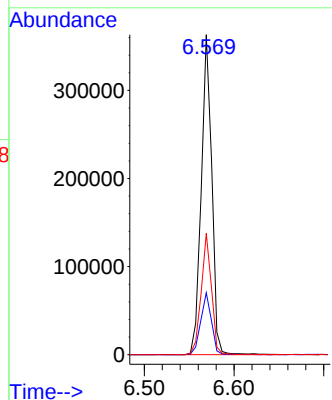
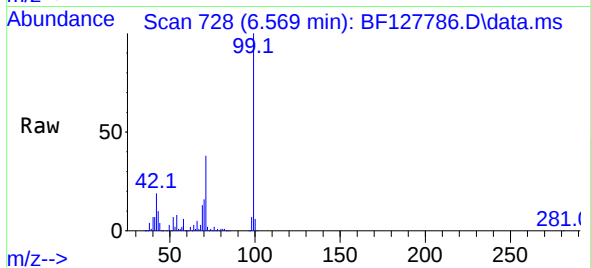




#7
Phenol-d6
Concen: 31.296 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

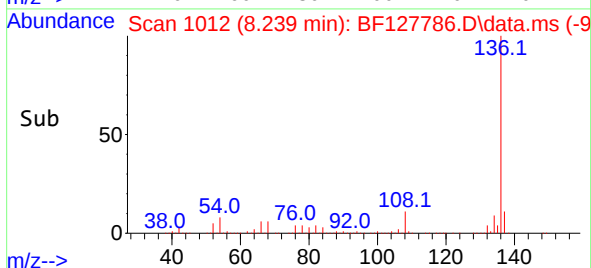
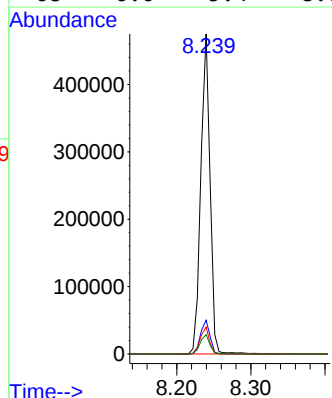
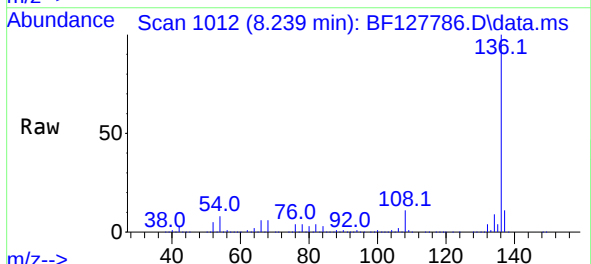
Instrument :
BNA_F
ClientSampleId :
MW-2

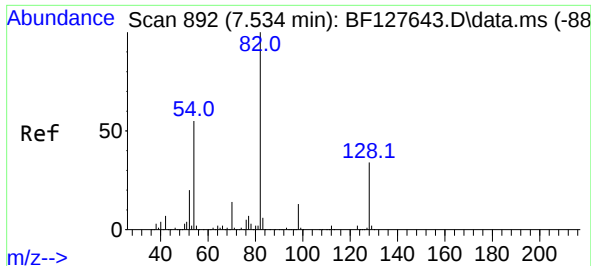
Tgt Ion: 99 Resp: 295785
Ion Ratio Lower Upper
99 100
42 19.4 17.8 26.6
71 37.9 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

Tgt Ion: 136 Resp: 410276
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.4 9.2 13.8#
68 6.0 5.4 8.0

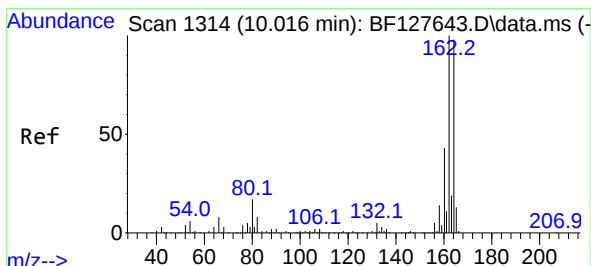
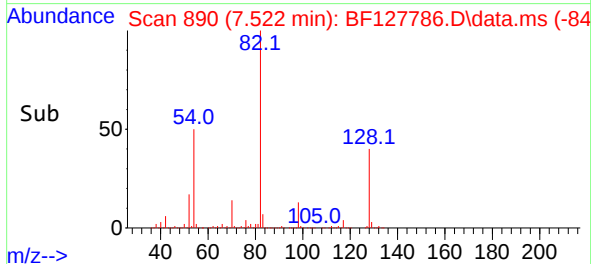
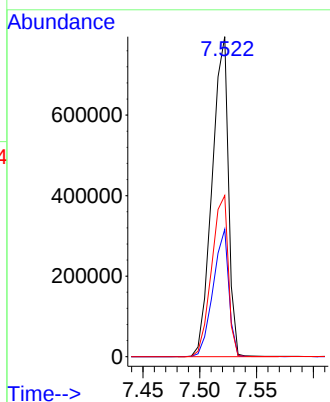
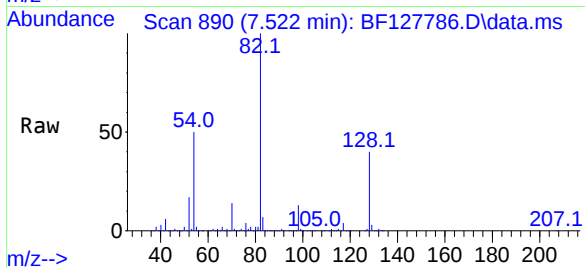




#23
Nitrobenzene-d5
Concen: 86.369 ng
RT: 7.522 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

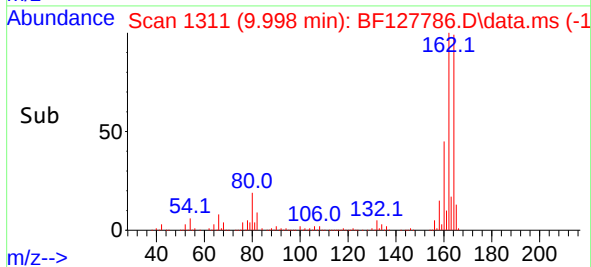
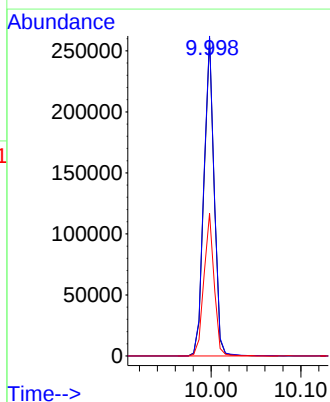
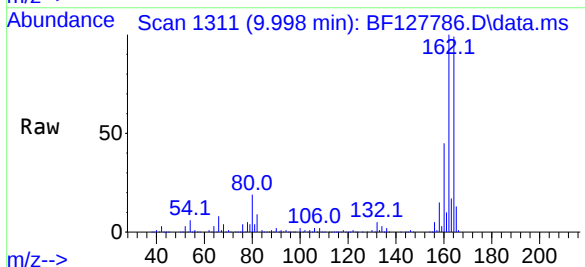
Instrument :
BNA_F
ClientSampleId :
MW-2

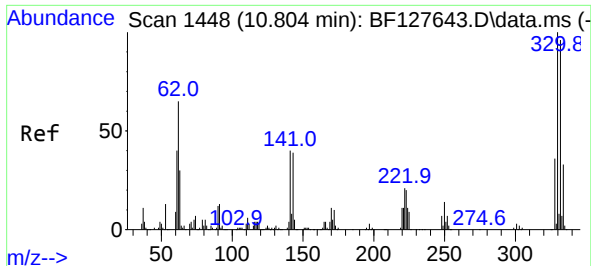
Tgt Ion: 82 Resp: 794844
Ion Ratio Lower Upper
82 100
128 39.8 30.6 45.8
54 50.4 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

Tgt Ion: 164 Resp: 204574
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 44.8 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 119.447 ng

RT: 10.792 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF127786.D

Acq: 13 Apr 2022 16:12

Instrument :

BNA_F

ClientSampleId :

MW-2

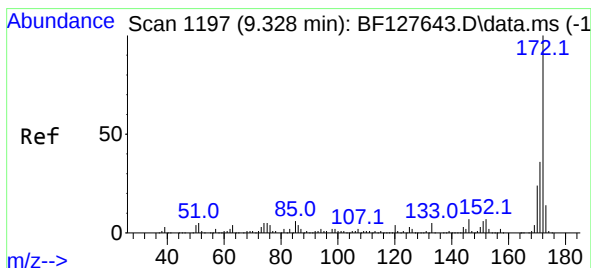
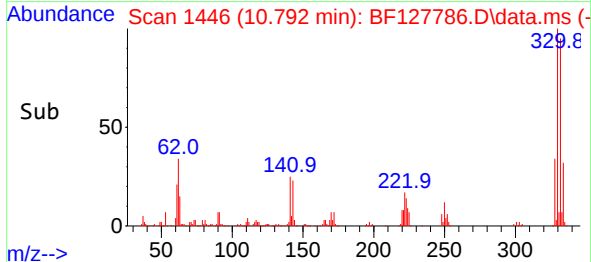
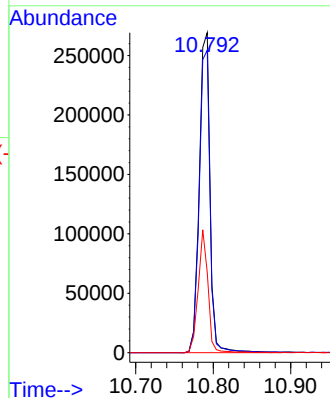
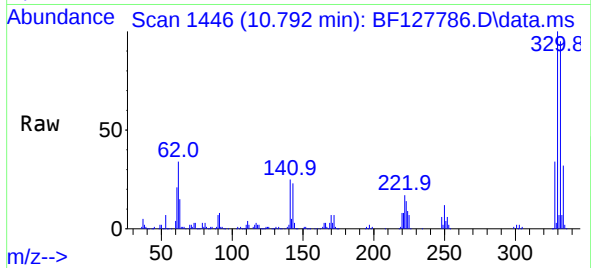
Tgt Ion:330 Resp: 260033

Ion Ratio Lower Upper

330 100

332 94.7 79.1 118.7

141 34.9 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 90.851 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127786.D

Acq: 13 Apr 2022 16:12

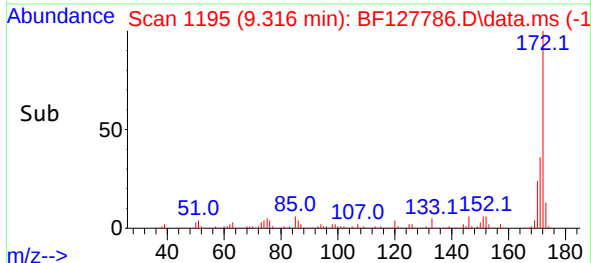
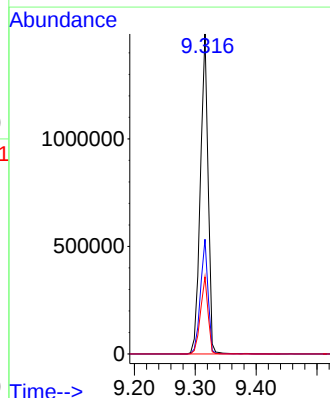
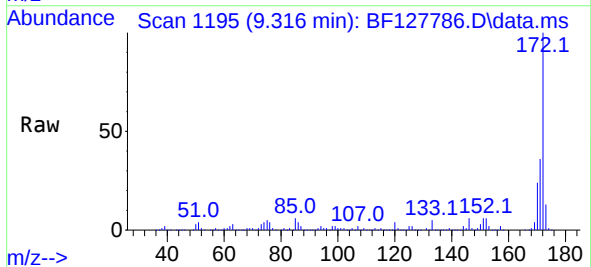
Tgt Ion:172 Resp: 1313788

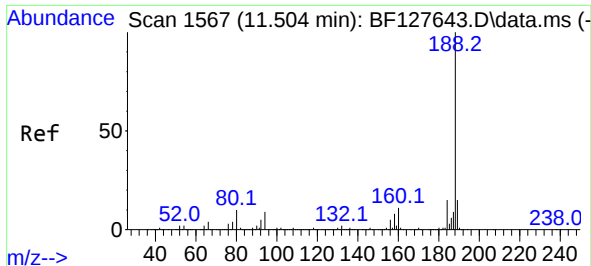
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.1 18.6 27.8

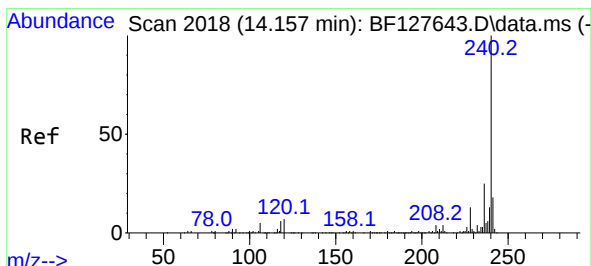
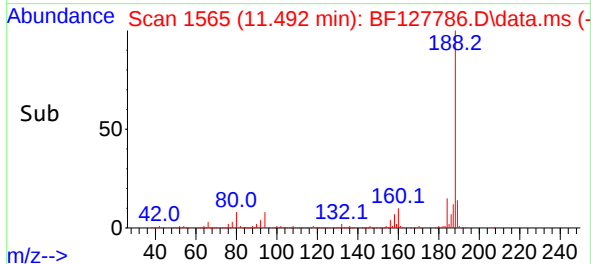
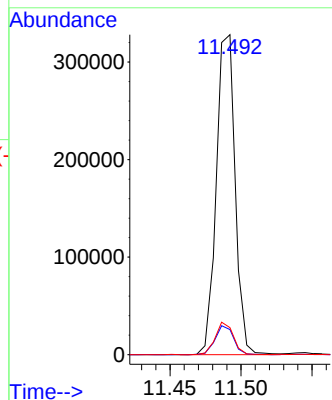
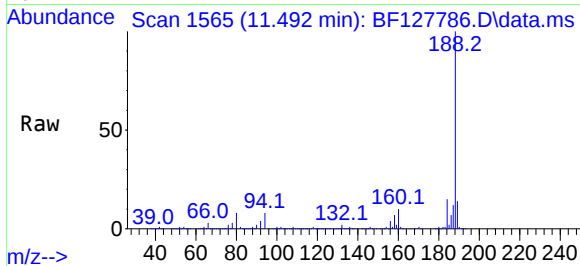




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

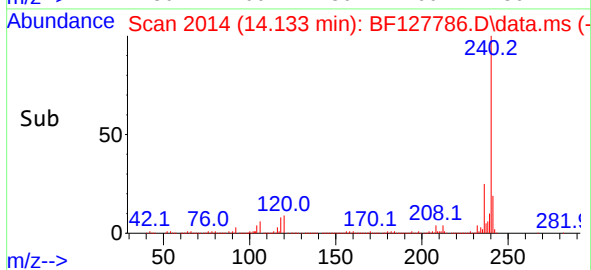
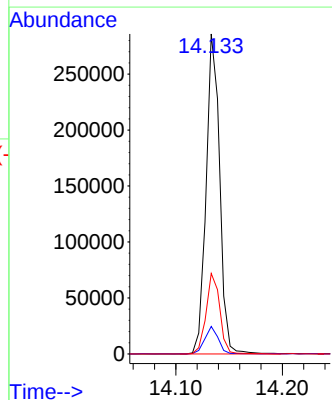
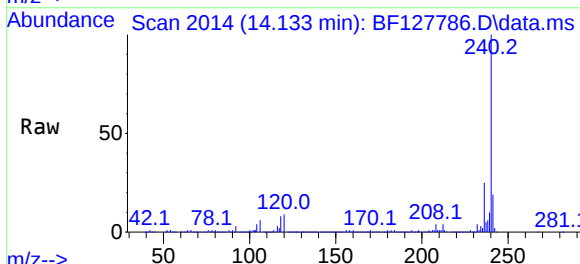
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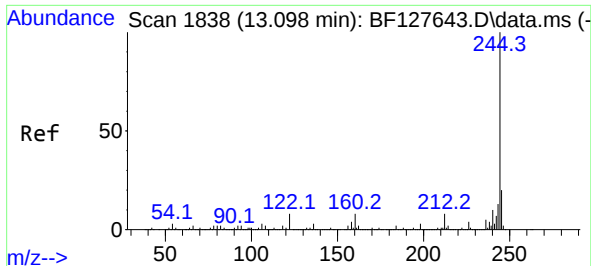
Tgt Ion:188 Resp: 303158
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.0
80 8.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

Tgt Ion:240 Resp: 254018
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 25.2 20.7 31.1

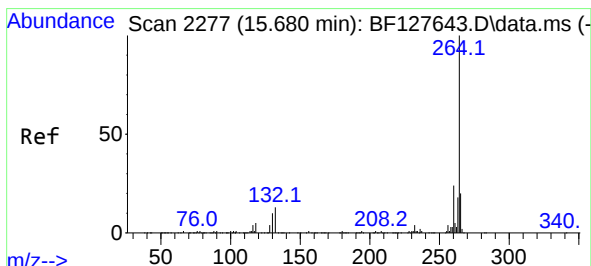
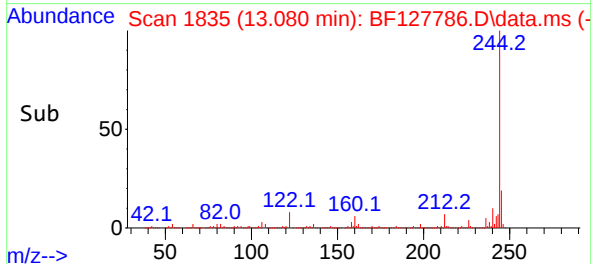
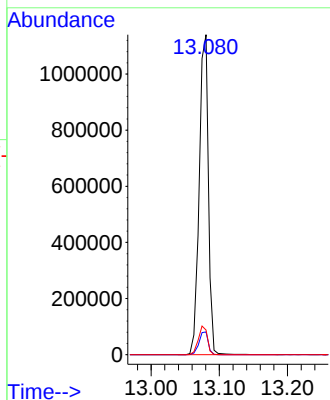
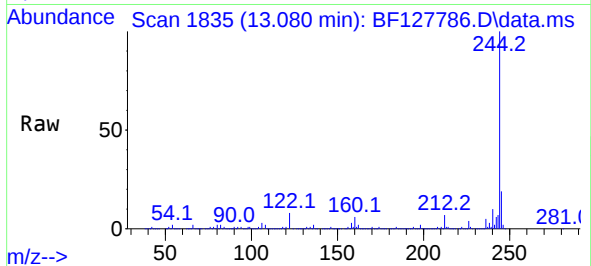




#79
 Terphenyl-d14
 Concen: 68.961 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127786.D
 Acq: 13 Apr 2022 16:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 1061266
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 7.7 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF127786.D
 Acq: 13 Apr 2022 16:12

Tgt Ion:264 Resp: 304754
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.6 17.4 26.2

