

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
Data File : BF127697.D
Acq On : 07 Apr 2022 21:56
Operator : CG\JU
Sample : N2237-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A13145

Quant Time: Apr 08 04:46:33 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 06 13:55:27 2022
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	122973	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	450902	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	258008	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	453613	20.000	ng	0.00
76) Chrysene-d12	14.145	240	330204	20.000	ng	-0.01
86) Perylene-d12	15.674	264	321902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	638581	84.379	ng	0.00
7) Phenol-d6	6.575	99	822477	83.074	ng	0.00
23) Nitrobenzene-d5	7.522	82	589305	58.265	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	242156	88.198	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1050459	57.597	ng	0.00
79) Terphenyl-d14	13.092	244	1073964	53.685	ng	0.00

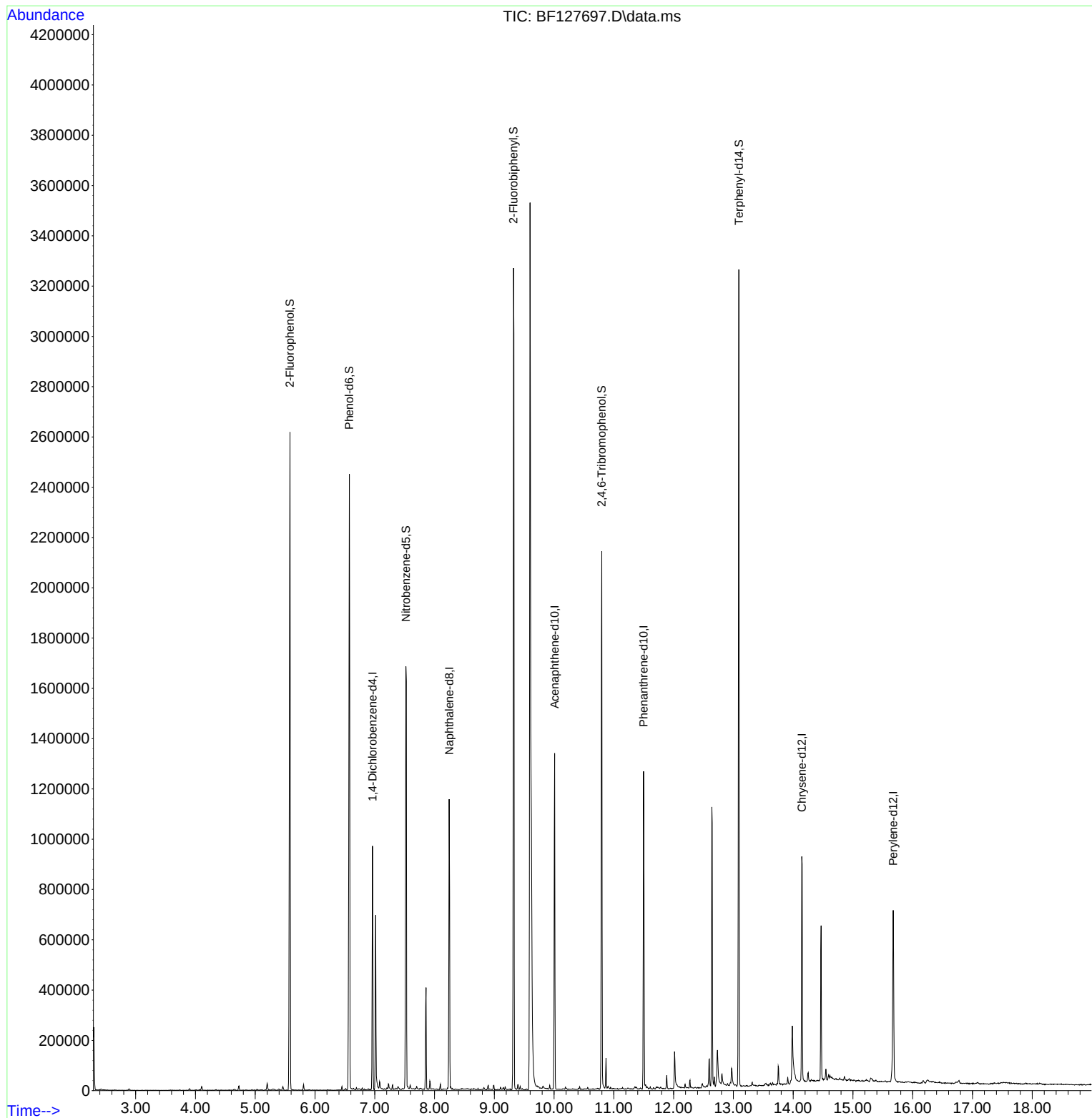
Target Compounds	Qvalue

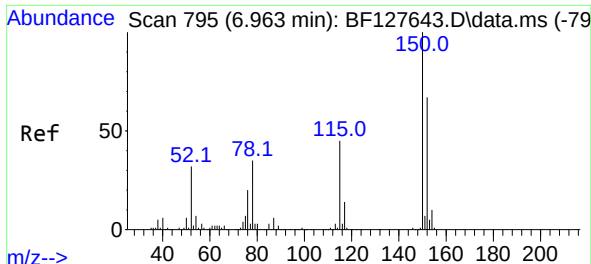
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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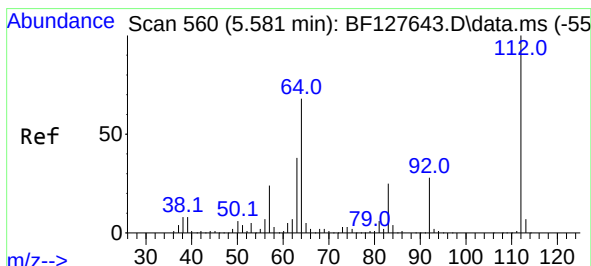
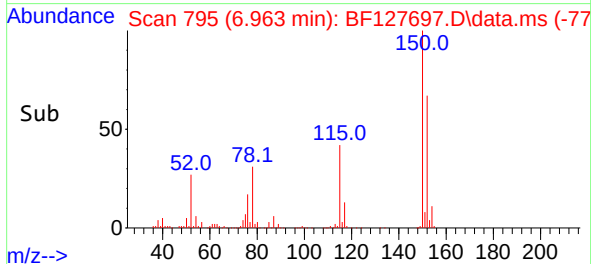
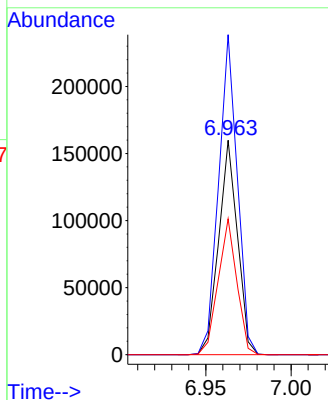
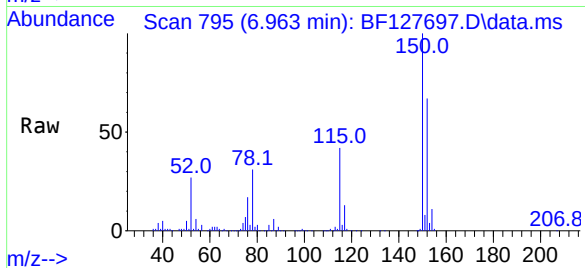




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

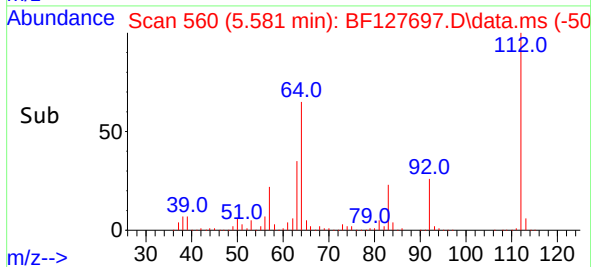
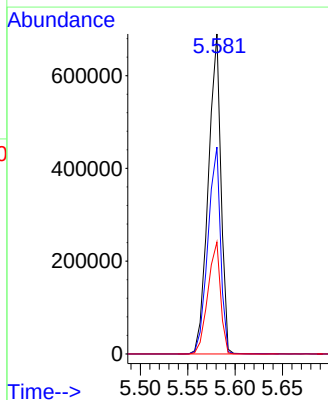
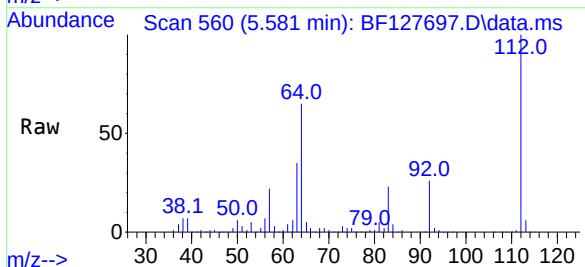
Instrument :
BNA_F
ClientSampleId :
A13145

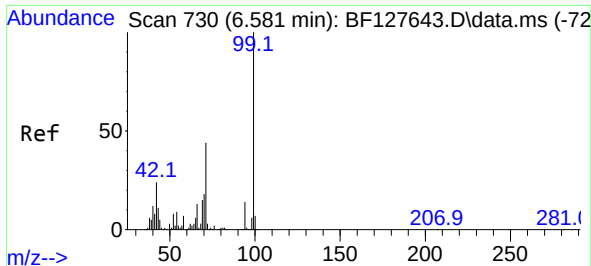
Tgt Ion:152 Resp: 122973
Ion Ratio Lower Upper
152 100
150 149.3 117.2 175.8
115 63.4 49.8 74.6



#5
2-Fluorophenol
Concen: 84.379 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

Tgt Ion:112 Resp: 638581
Ion Ratio Lower Upper
112 100
64 64.7 58.4 87.6
63 34.9 30.1 45.1

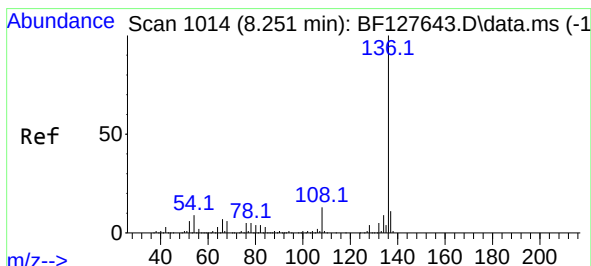
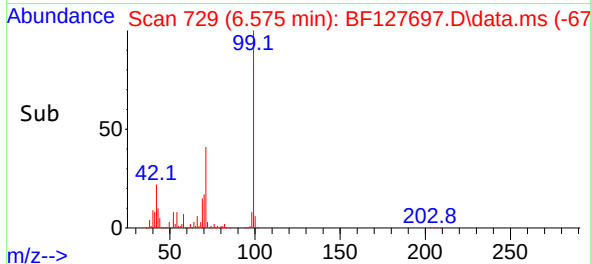
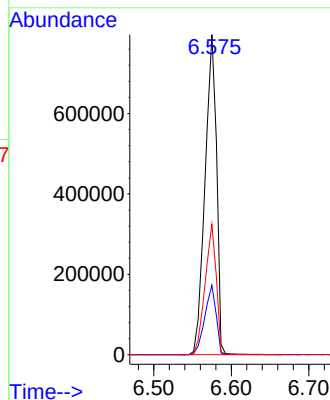
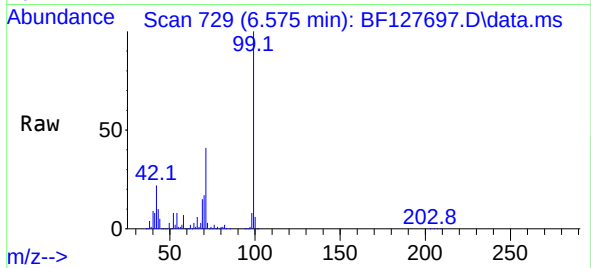




#7
Phenol-d6
Concen: 83.074 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

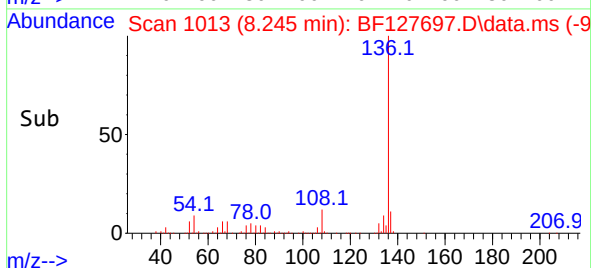
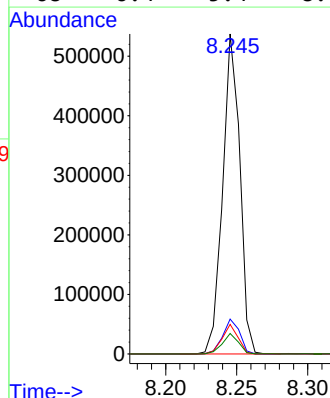
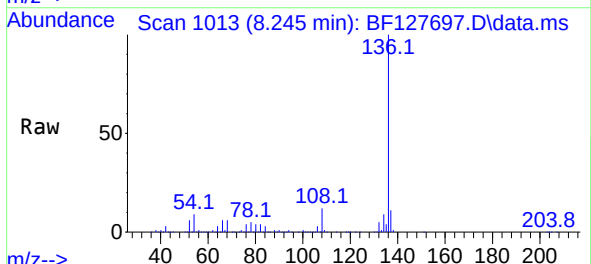
Instrument :
BNA_F
ClientSampleId :
A13145

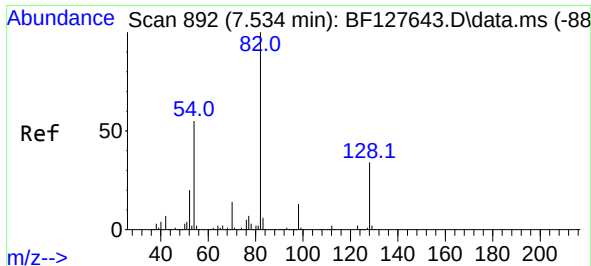
Tgt Ion: 99 Resp: 822477
Ion Ratio Lower Upper
99 100
42 21.7 17.8 26.6
71 40.8 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

Tgt Ion: 136 Resp: 450902
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 9.2 13.8
68 6.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 58.265 ng

RT: 7.522 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF127697.D

Acq: 07 Apr 2022 21:56

Instrument :

BNA_F

ClientSampleId :

A13145

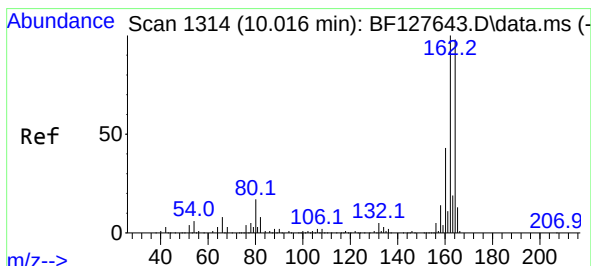
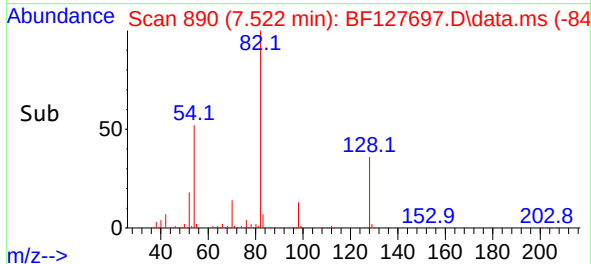
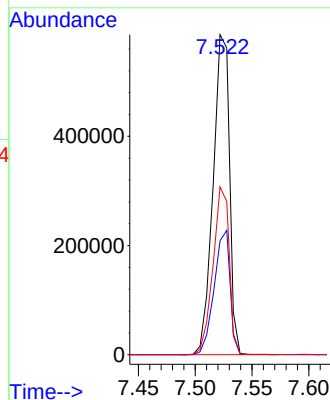
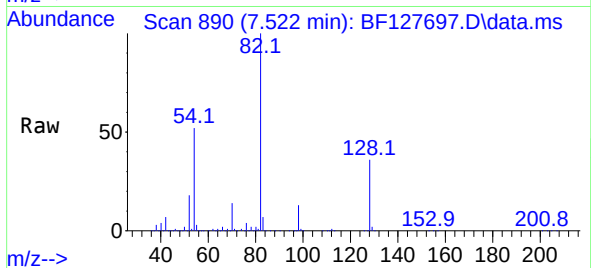
Tgt Ion: 82 Resp: 589305

Ion Ratio Lower Upper

82 100

128 35.6 30.6 45.8

54 52.4 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF127697.D

Acq: 07 Apr 2022 21:56

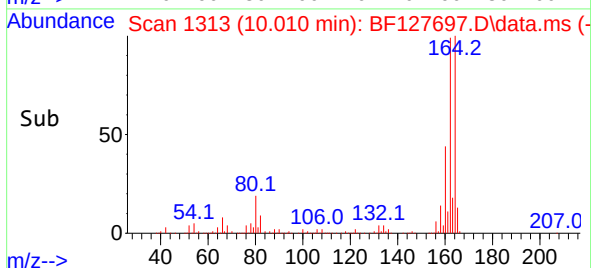
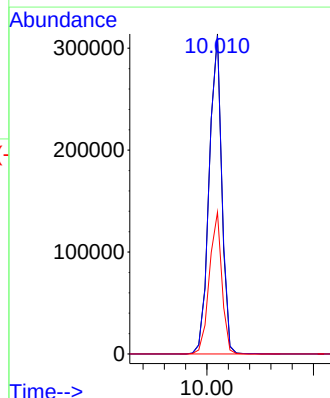
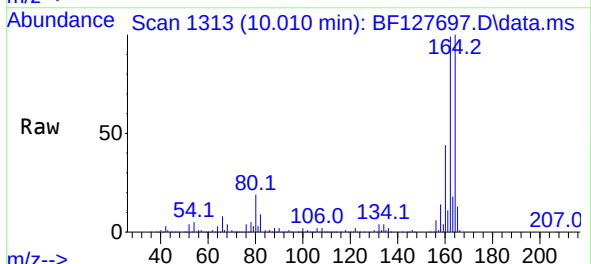
Tgt Ion:164 Resp: 258008

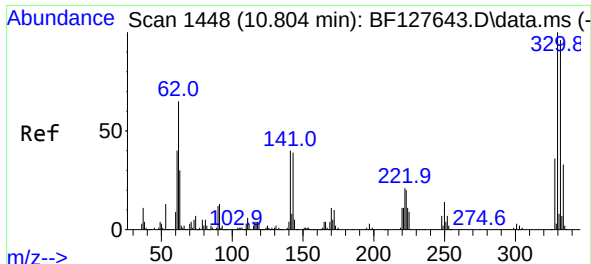
Ion Ratio Lower Upper

164 100

162 99.5 81.2 121.8

160 44.3 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 88.198 ng

RT: 10.798 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF127697.D

Acq: 07 Apr 2022 21:56

Instrument :

BNA_F

ClientSampleId :

A13145

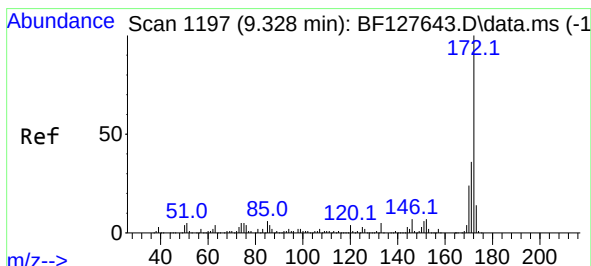
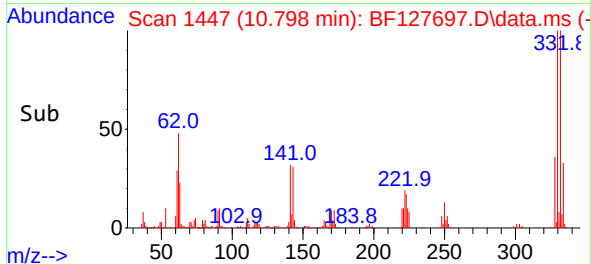
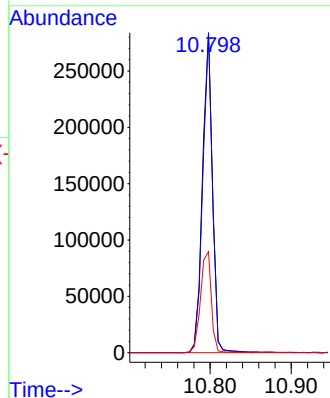
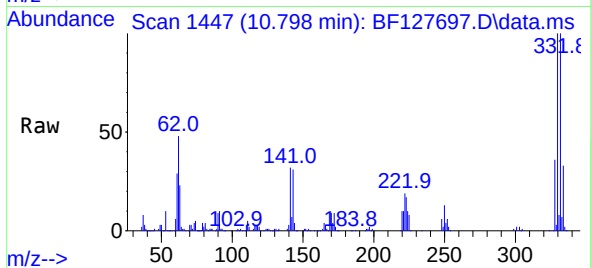
Tgt Ion:330 Resp: 242156

Ion Ratio Lower Upper

330 100

332 96.9 79.1 118.7

141 34.4 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 57.597 ng

RT: 9.322 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF127697.D

Acq: 07 Apr 2022 21:56

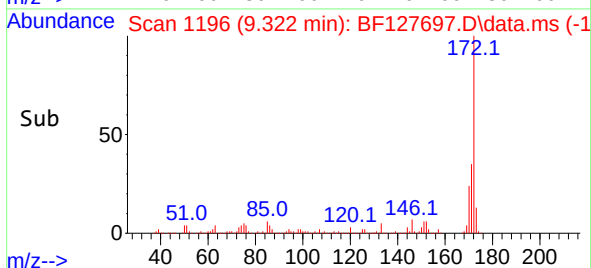
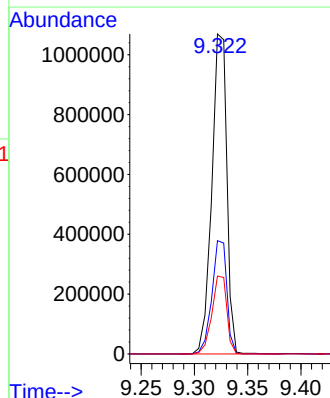
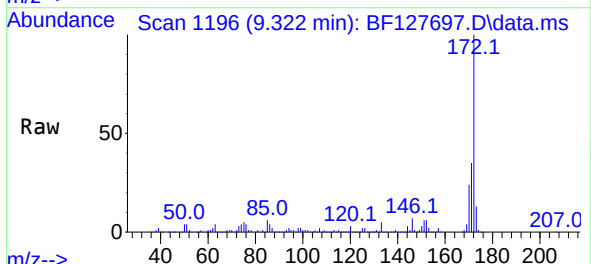
Tgt Ion:172 Resp: 1050459

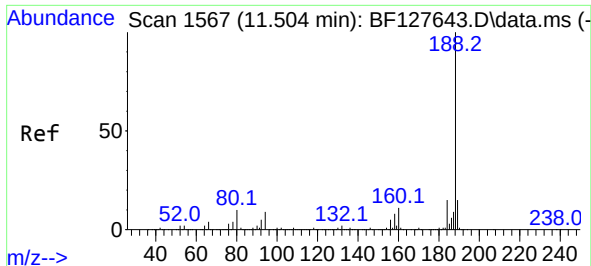
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 24.4 18.6 27.8

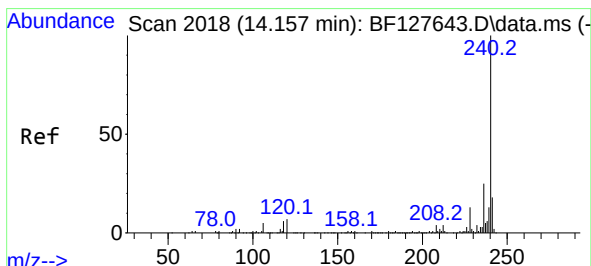
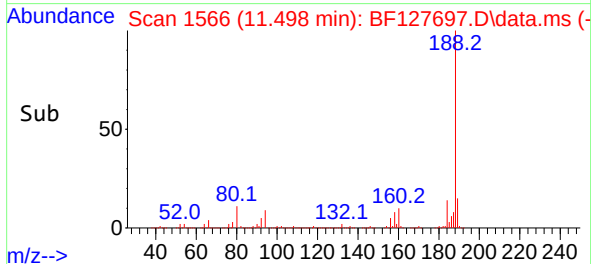
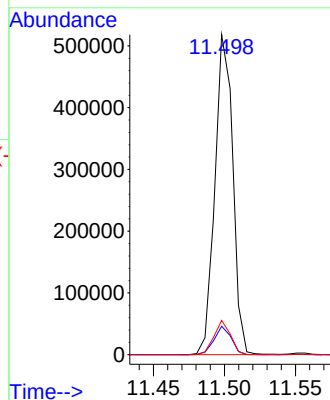
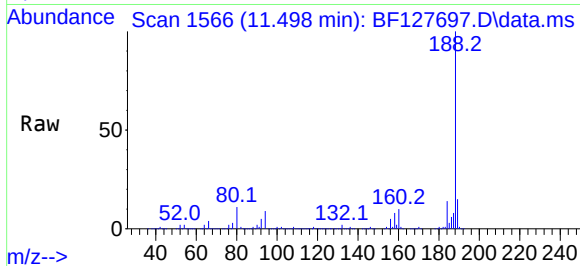




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

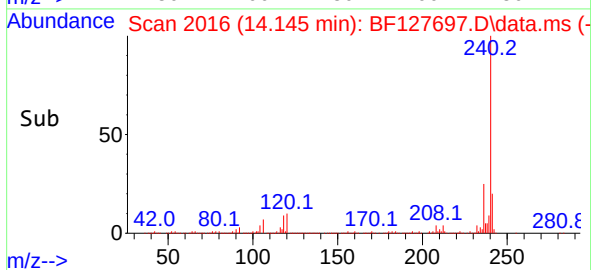
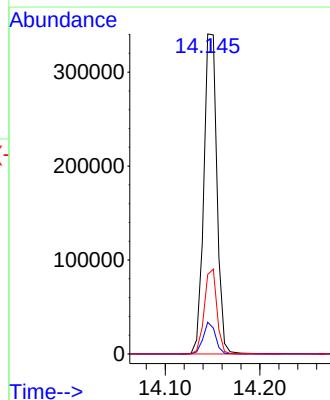
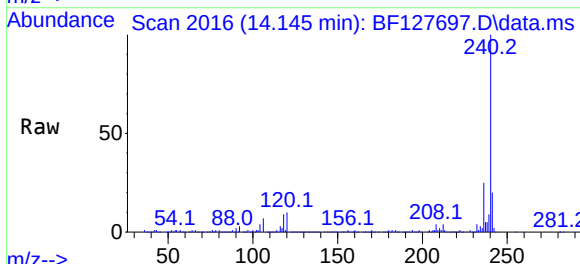
Instrument :
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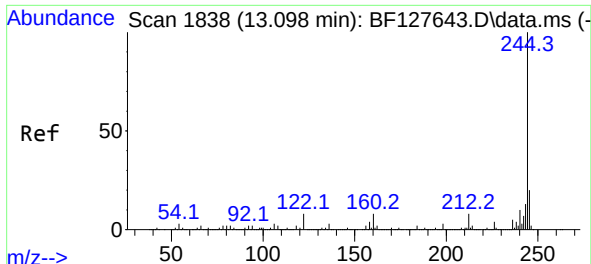
Tgt Ion:188 Resp: 453613
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 10.7 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

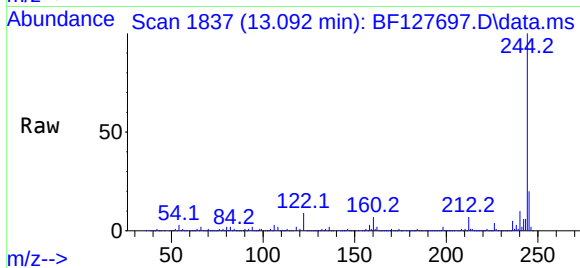
Tgt Ion:240 Resp: 330204
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 24.9 20.7 31.1



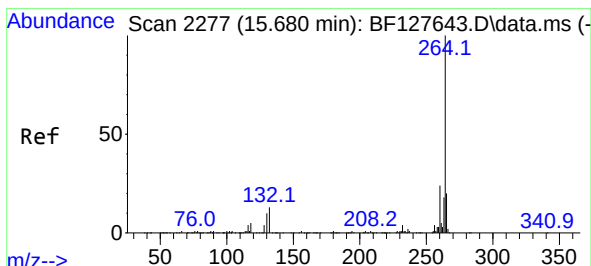
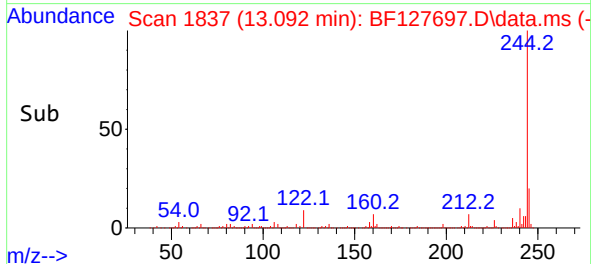
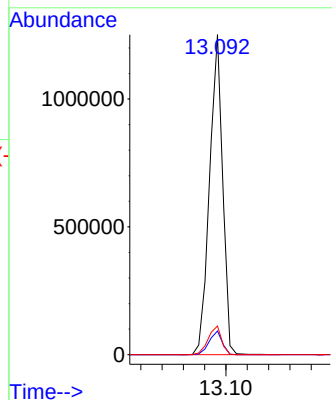


#79
Terphenyl-d14
Concen: 53.685 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1073964
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 8.9 6.2 9.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

Tgt Ion:264 Resp: 321902
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 21.6 17.4 26.2

