

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129634.D
 Acq On : 08 Aug 2022 15:53
 Operator : CG\JU
 Sample : N4091-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-124019

Quant Time: Aug 09 00:32:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	168573	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	648828	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	302706	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	446900	20.000	ng	0.00
76) Chrysene-d12	14.021	240	337036	20.000	ng	0.00
86) Perylene-d12	15.498	264	250079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1452301	140.343	ng	0.00
7) Phenol-d6	6.498	99	1805151	138.781	ng	0.00
23) Nitrobenzene-d5	7.410	82	1123136	94.494	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	378958	130.213	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1811290	92.564	ng	0.00
79) Terphenyl-d14	12.963	244	1497024	83.797	ng	0.00

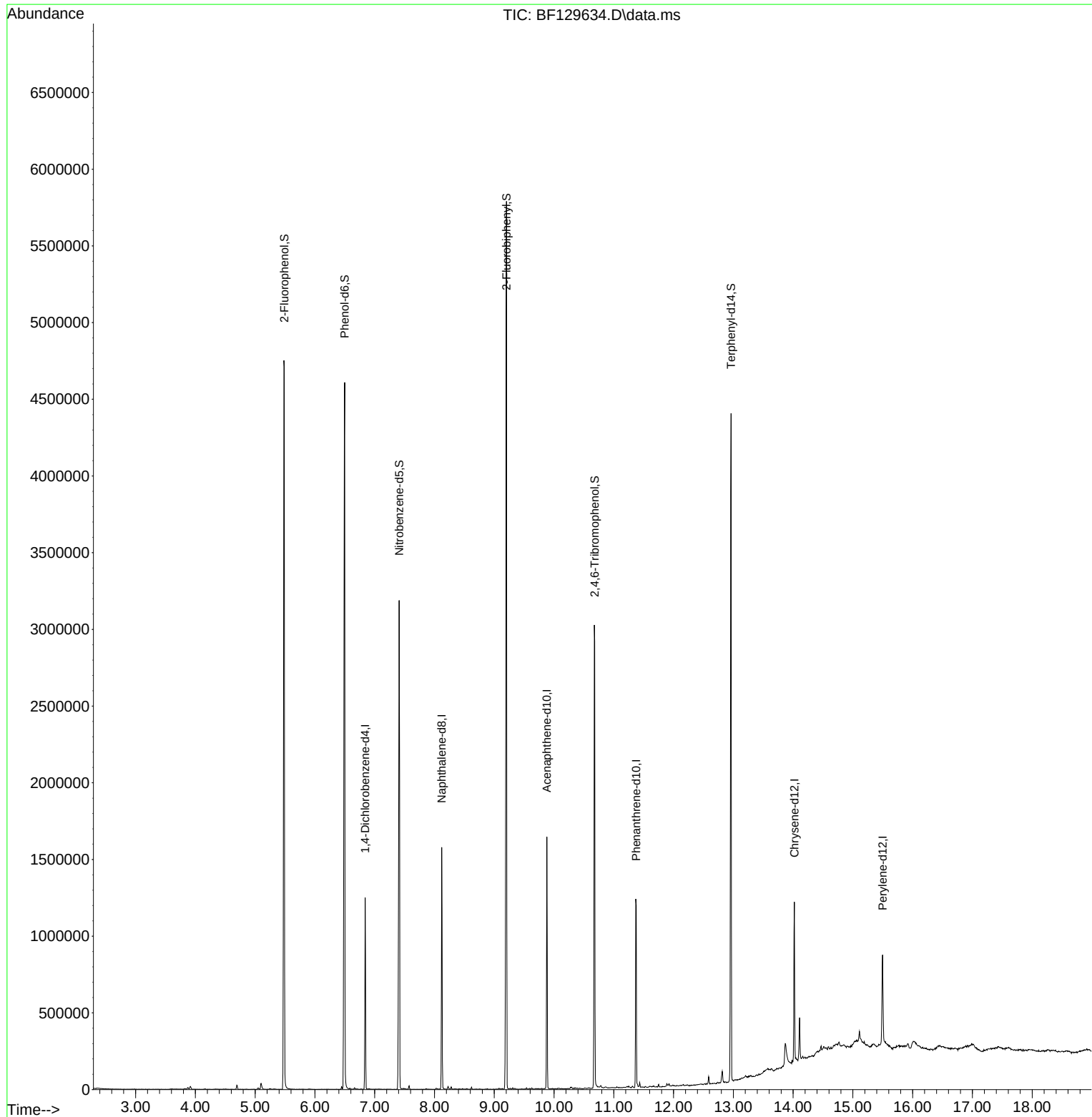
Target Compounds	Qvalue

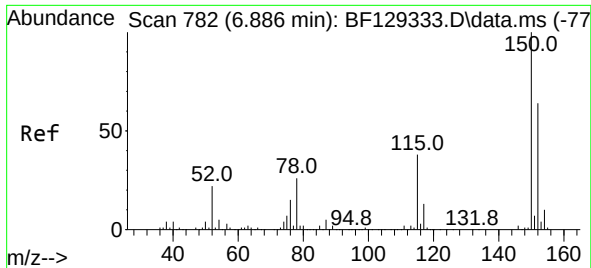
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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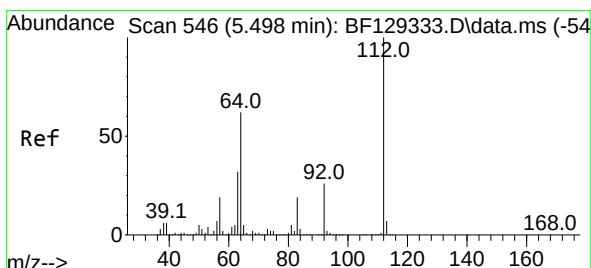
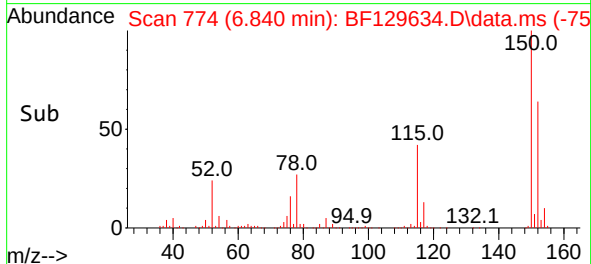
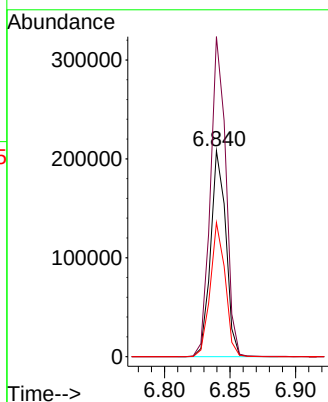
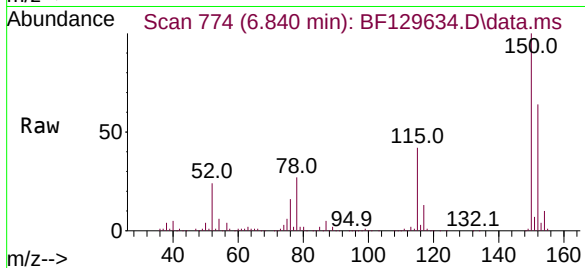




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129634.D
 Acq: 08 Aug 2022 15:53

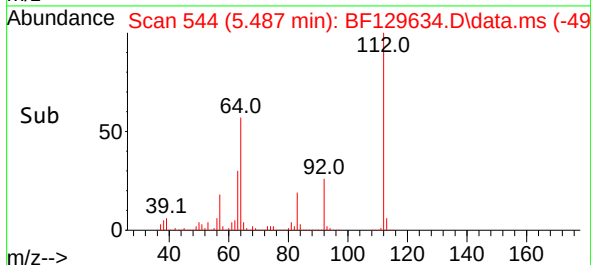
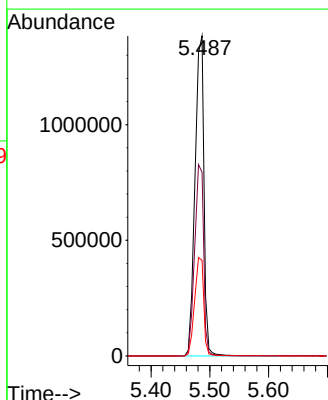
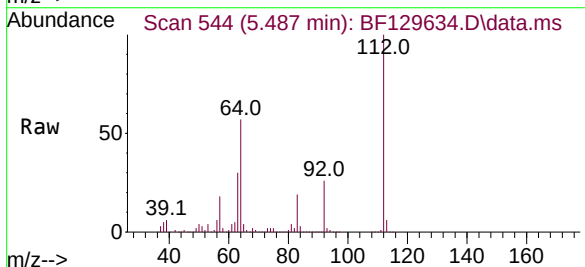
Instrument :
 BNA_F
 ClientSampleId :
 RO-124019

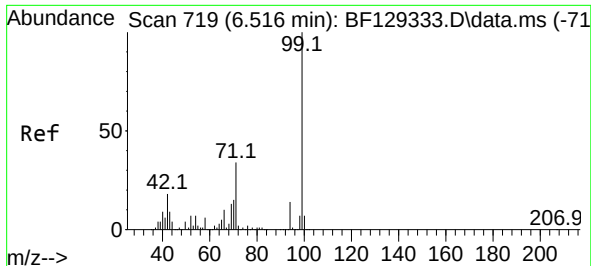
Tgt Ion:152 Resp: 168573
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.7 185.5
 115 65.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 140.343 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129634.D
 Acq: 08 Aug 2022 15:53

Tgt Ion:112 Resp: 1452301
 Ion Ratio Lower Upper
 112 100
 64 57.4 53.3 79.9
 63 29.9 28.0 42.0





#7
Phenol-d6
Concen: 138.781 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129634.D
Acq: 08 Aug 2022 15:53

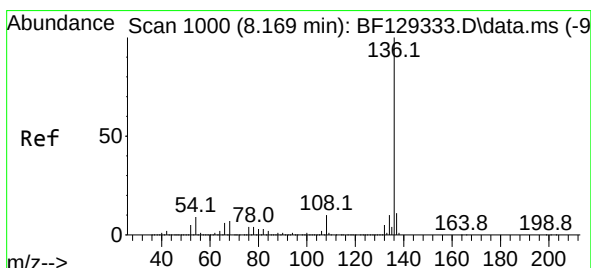
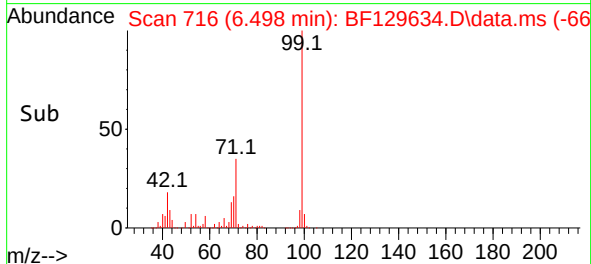
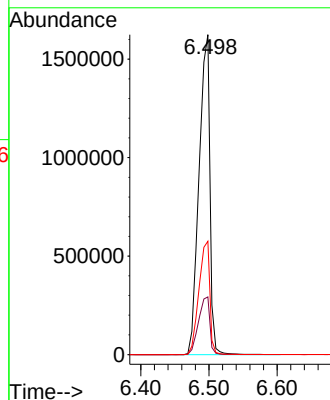
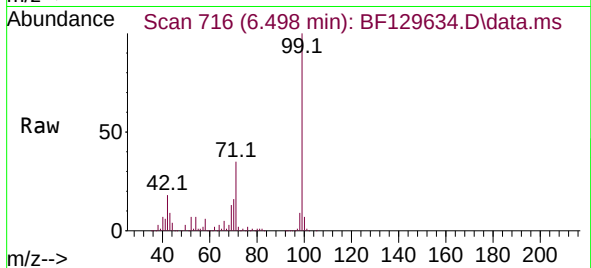
Instrument :

BNA_F

ClientSampleId :

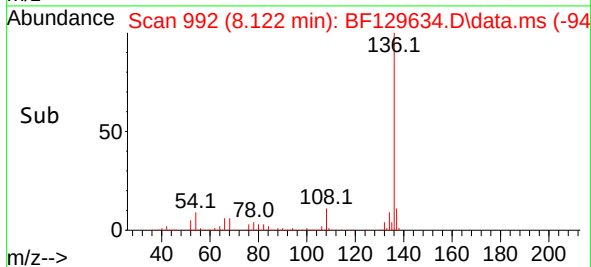
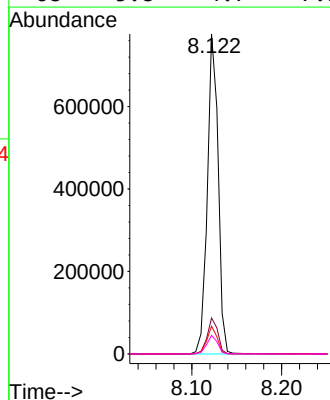
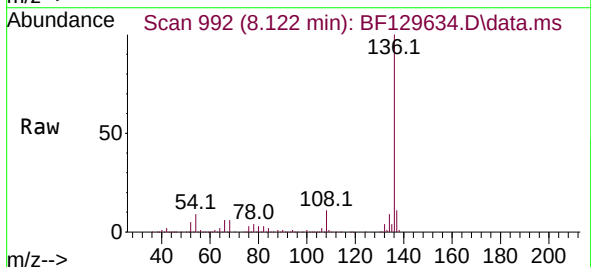
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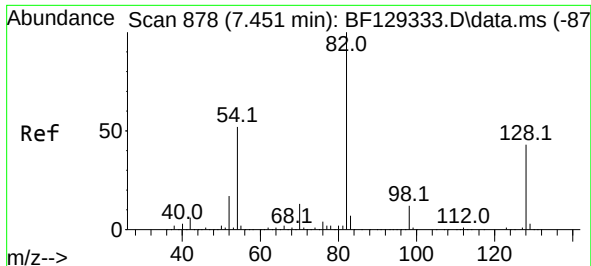
Tgt Ion: 99 Resp: 1805151
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 35.4 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129634.D
Acq: 08 Aug 2022 15:53

Tgt Ion: 136 Resp: 648828
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.7 7.5 11.3
68 5.8 4.7 7.1

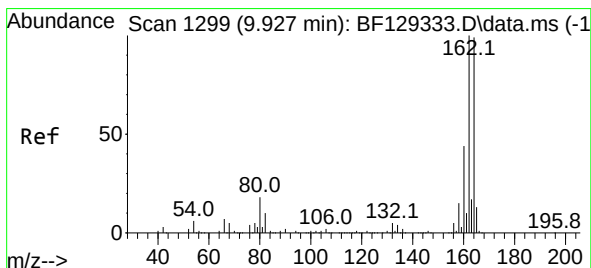
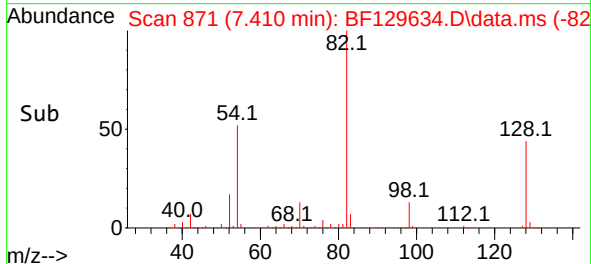
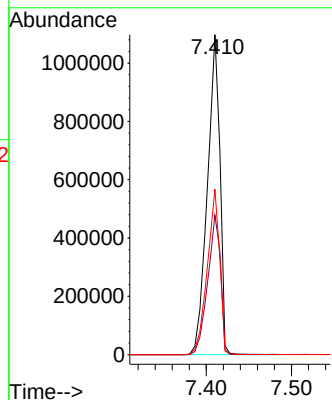
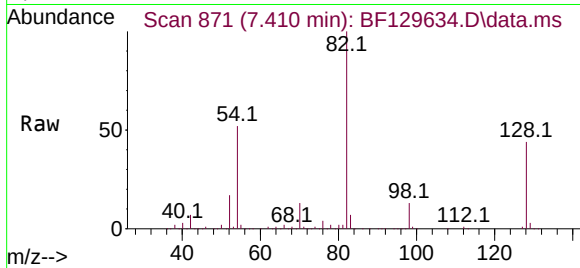




#23
Nitrobenzene-d5
Concen: 94.494 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129634.D
Acq: 08 Aug 2022 15:53

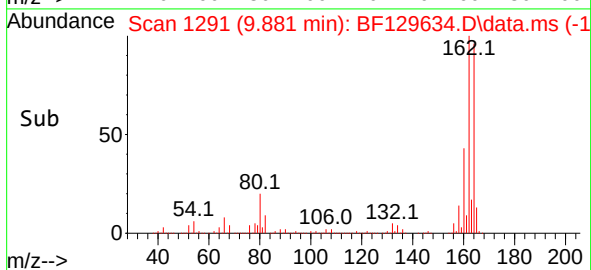
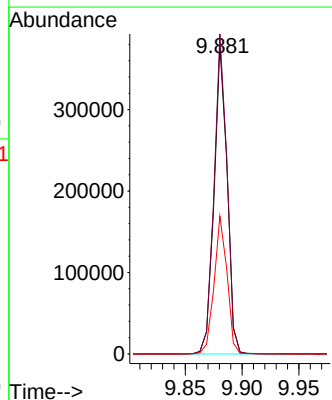
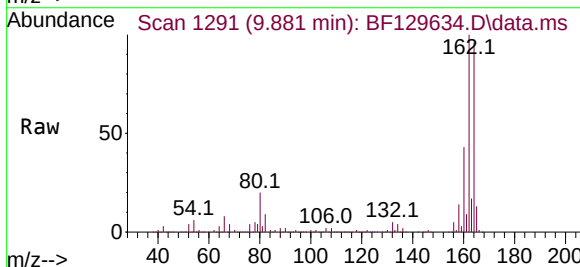
Instrument :
BNA_F
ClientSampleId :
RO-124019

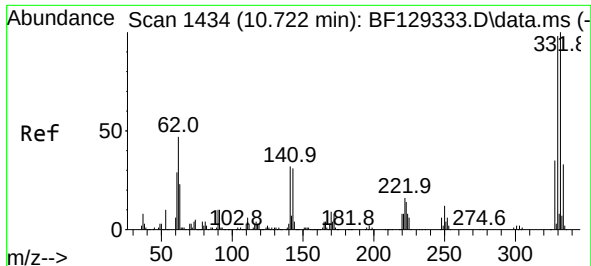
Tgt Ion: 82 Resp: 1123136
Ion Ratio Lower Upper
82 100
128 43.5 34.0 51.0
54 51.7 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129634.D
Acq: 08 Aug 2022 15:53

Tgt Ion: 164 Resp: 302706
Ion Ratio Lower Upper
164 100
162 103.7 79.5 119.3
160 44.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 130.213 ng

RT: 10.680 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129634.D

Acq: 08 Aug 2022 15:53

Instrument :

BNA_F

ClientSampleId :

RO-124019

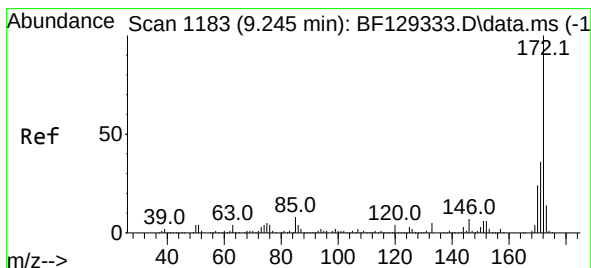
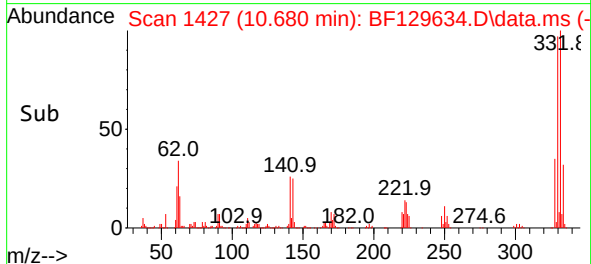
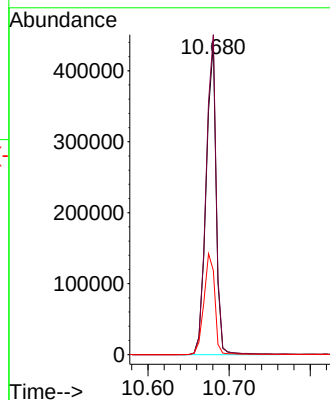
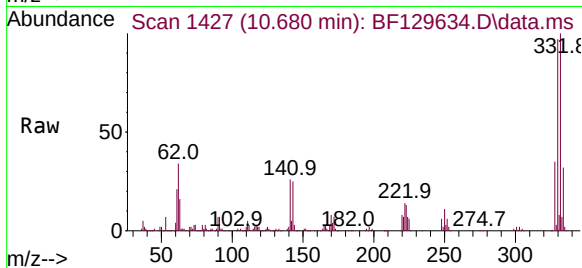
Tgt Ion:330 Resp: 378958

Ion Ratio Lower Upper

330 100

332 103.4 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 92.564 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF129634.D

Acq: 08 Aug 2022 15:53

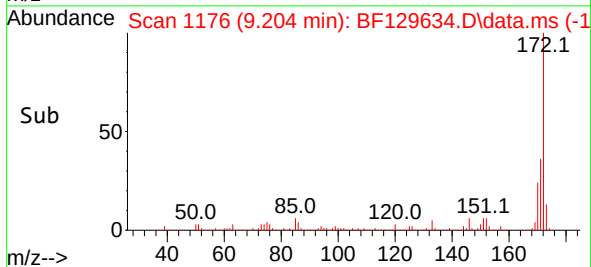
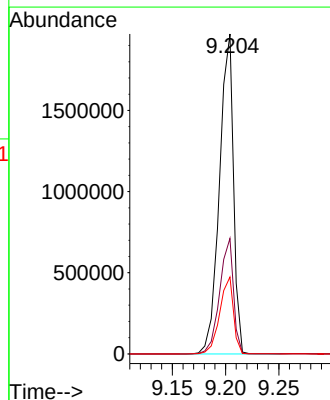
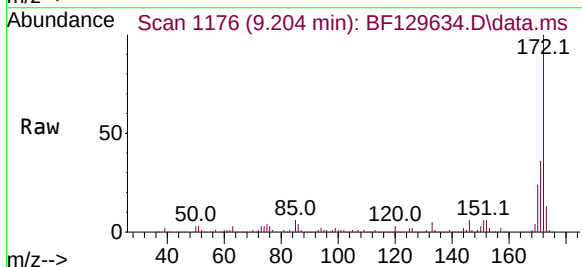
Tgt Ion:172 Resp: 1811290

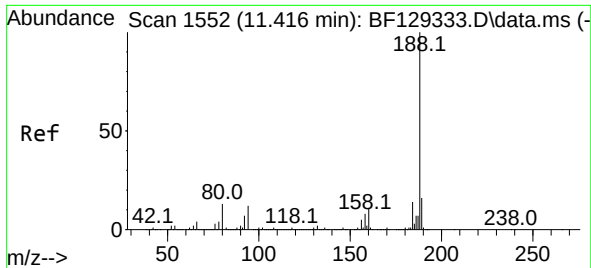
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.0 19.8 29.8

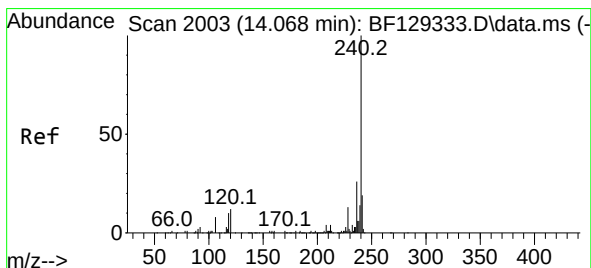
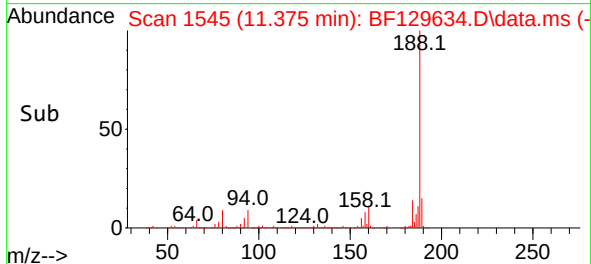
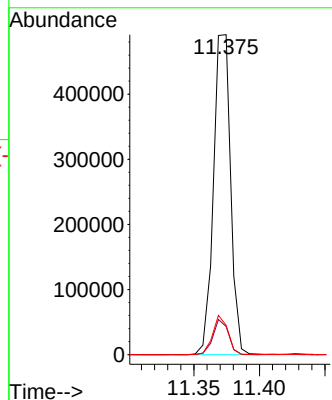
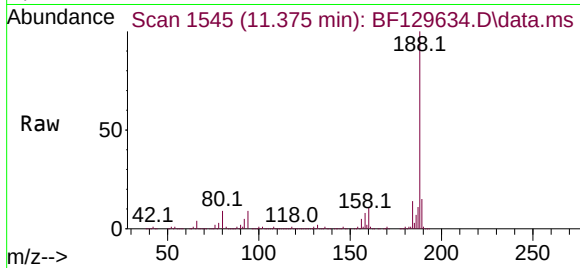




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129634.D
Acq: 08 Aug 2022 15:53

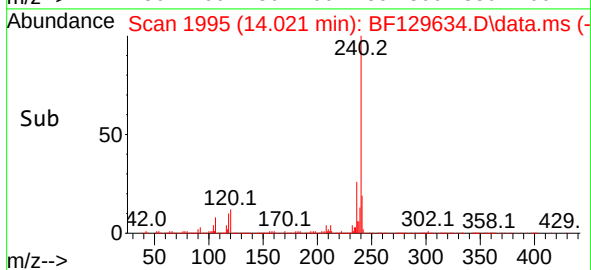
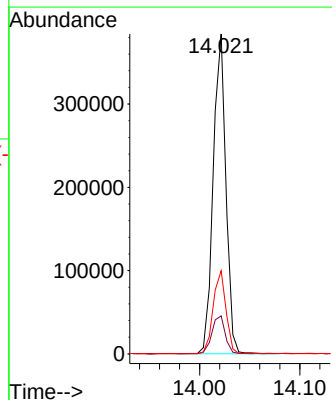
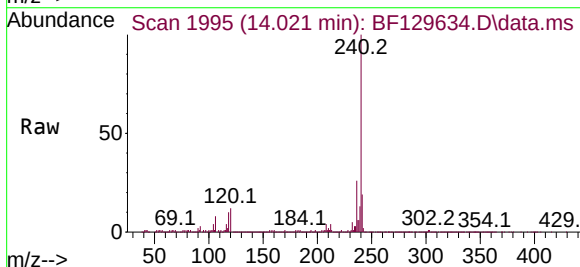
Instrument :
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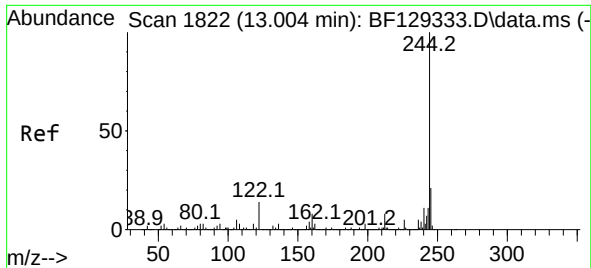
Tgt Ion:188 Resp: 446900
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129634.D
Acq: 08 Aug 2022 15:53

Tgt Ion:240 Resp: 337036
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 26.0 20.8 31.2

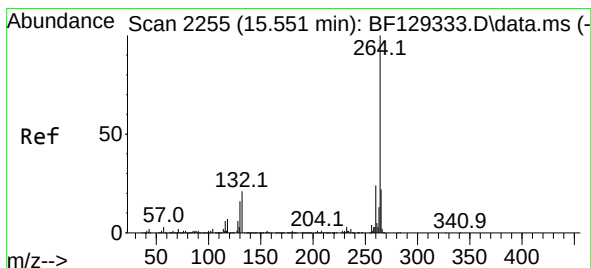
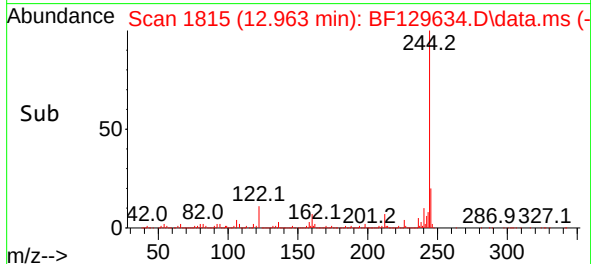
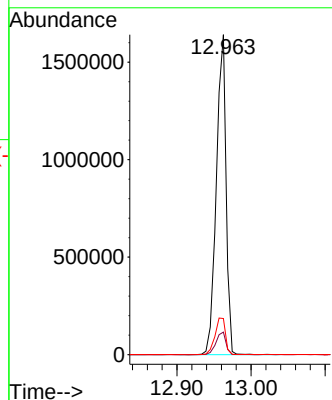
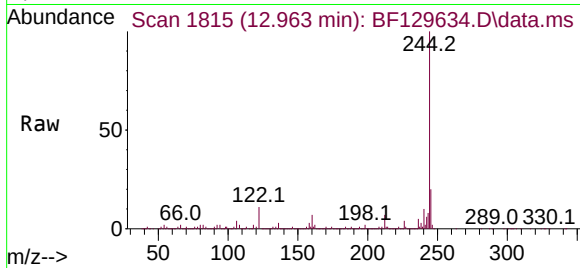




#79
 Terphenyl-d14
 Concen: 83.797 ng
 RT: 12.963 min Scan# 1822
 Delta R.T. -0.006 min
 Lab File: BF129634.D
 Acq: 08 Aug 2022 15:53

Instrument :
 BNA_F
 ClientSampleId :
 RO-124019

Tgt Ion:244 Resp: 1497024
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 11.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2246
 Delta R.T. -0.006 min
 Lab File: BF129634.D
 Acq: 08 Aug 2022 15:53

Tgt Ion:264 Resp: 250079
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 20.9 17.2 25.8

