

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129719.D
 Acq On : 11 Aug 2022 17:18
 Operator : CG\JU
 Sample : N4119-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-2-4FT

Quant Time: Aug 11 23:59:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

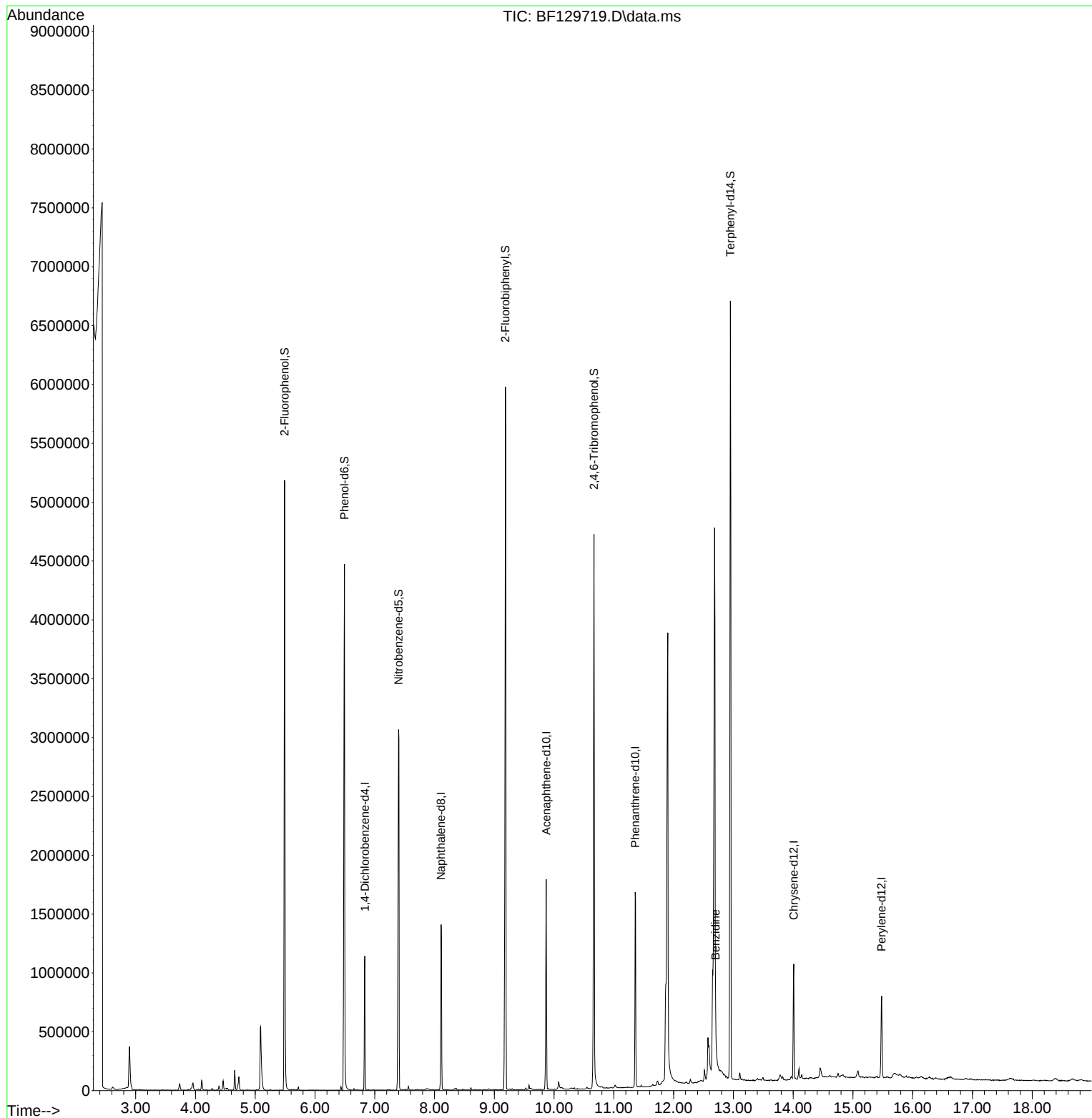
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	169669	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	681114	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	360399	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	617595	20.000	ng	#-0.01
76) Chrysene-d12	14.010	240	323833	20.000	ng	-0.01
86) Perylene-d12	15.480	264	303462	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1426017	136.912	ng	0.02
7) Phenol-d6	6.492	99	1660888	126.866	ng	0.00
23) Nitrobenzene-d5	7.398	82	1274708	102.163	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	628129	181.280	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2255275	96.804	ng	-0.01
79) Terphenyl-d14	12.951	244	2483745	144.698	ng	0.00
Target Compounds						
77) Benzidine	12.704	184	132101	11.547	ng	Qvalue # 93

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

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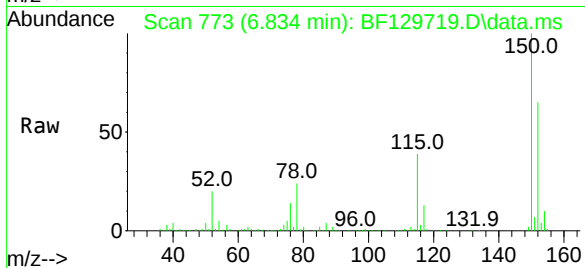
Quant Time: Aug 11 23:59:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
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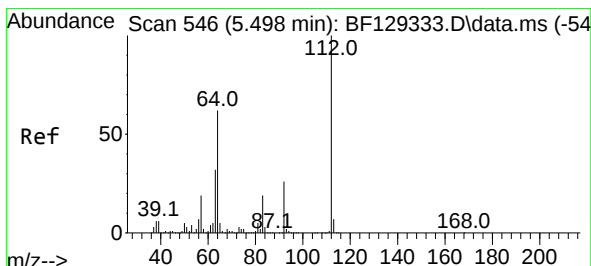
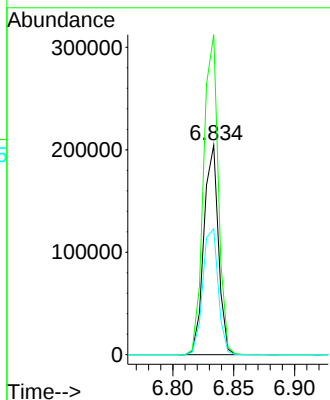
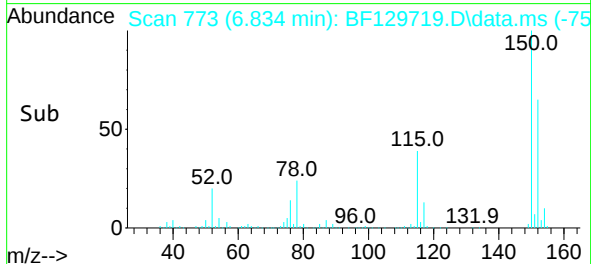


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

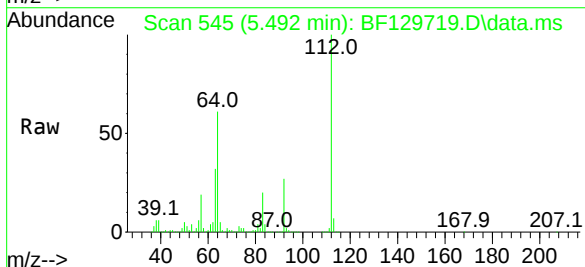
Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT



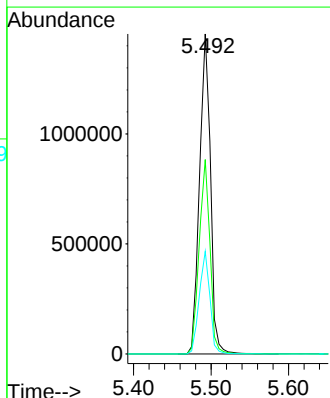
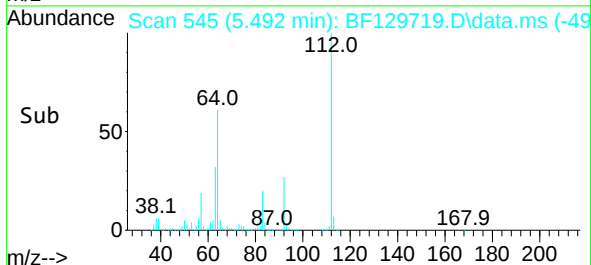
Tgt Ion:152 Resp: 169669
Ion Ratio Lower Upper
152 100
150 152.7 123.7 185.5
115 60.1 49.9 74.9



#5
2-Fluorophenol
Concen: 136.912 ng
RT: 5.492 min Scan# 545
Delta R.T. 0.023 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18



Tgt Ion:112 Resp: 1426017
Ion Ratio Lower Upper
112 100
64 60.7 53.3 79.9
63 32.0 28.0 42.0

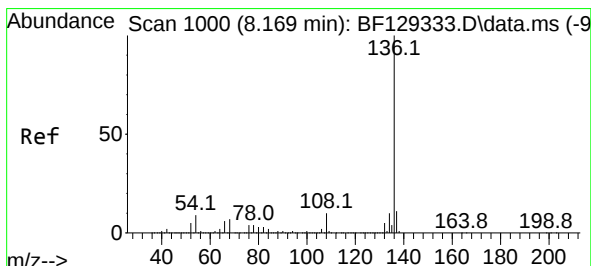
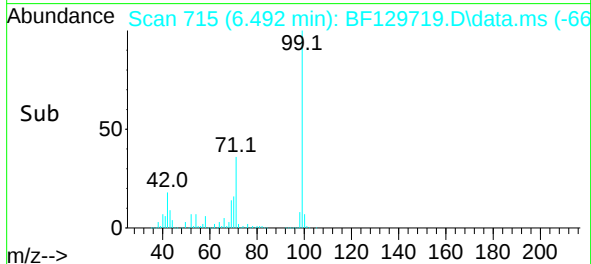
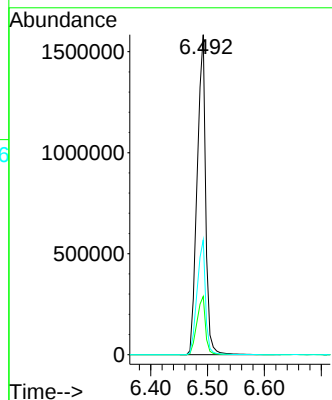
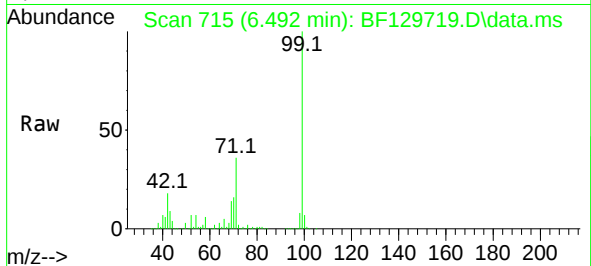




#7
Phenol-d6
Concen: 126.866 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

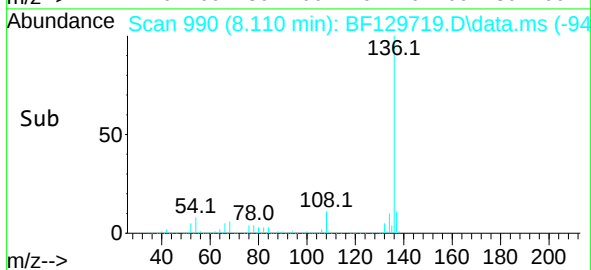
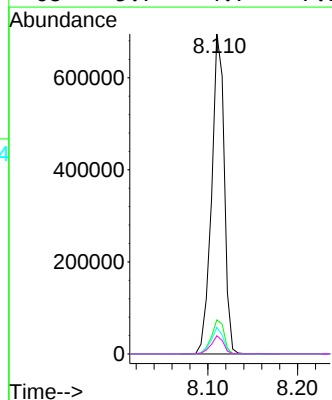
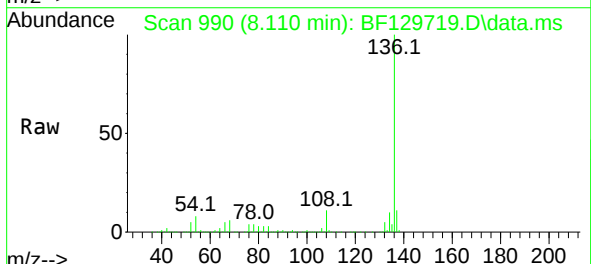
Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Tgt Ion: 99 Resp: 1660888
Ion Ratio Lower Upper
99 100
42 18.2 17.3 25.9
71 35.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

Tgt Ion: 136 Resp: 681114
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.3 7.5 11.3
68 5.7 4.7 7.1

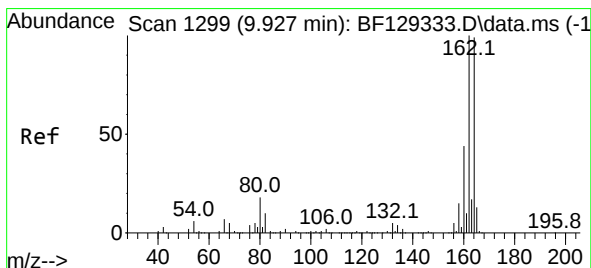
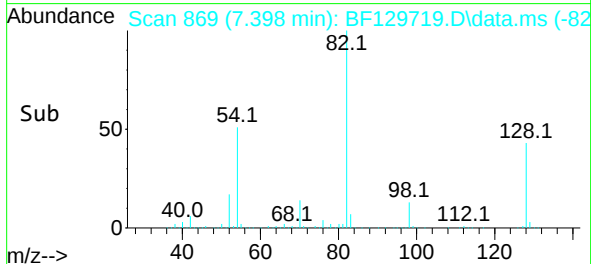
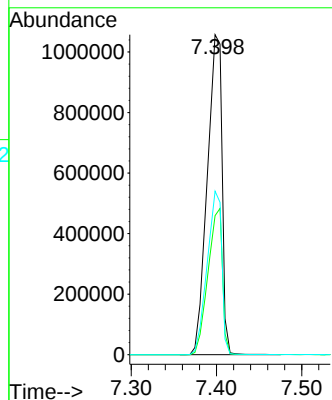
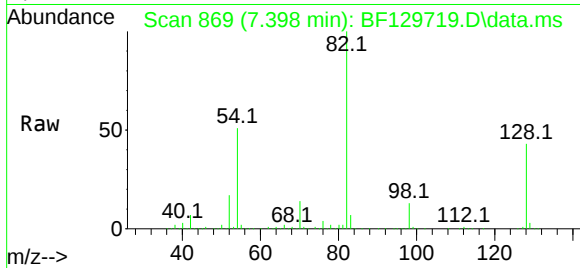




#23
Nitrobenzene-d5
Concen: 102.163 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

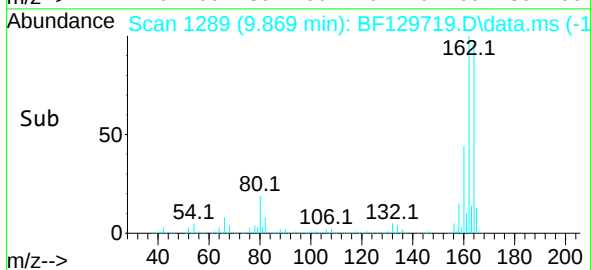
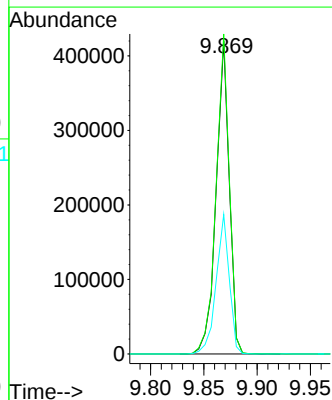
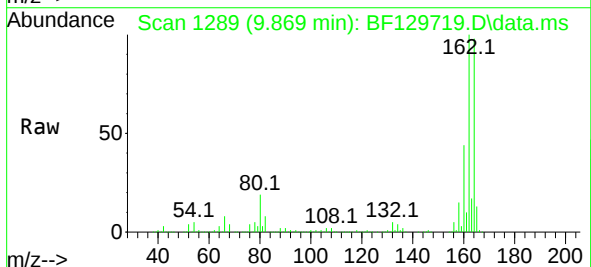
Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

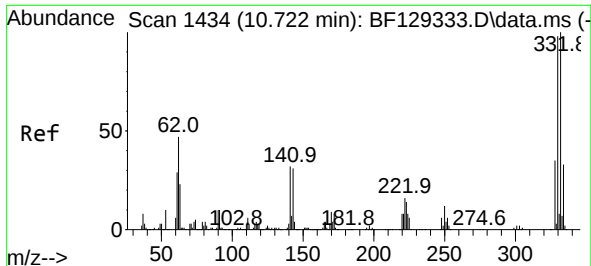
Tgt Ion: 82 Resp: 1274708
Ion Ratio Lower Upper
82 100
128 43.4 34.0 51.0
54 51.1 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

Tgt Ion: 164 Resp: 360399
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 44.6 34.2 51.4

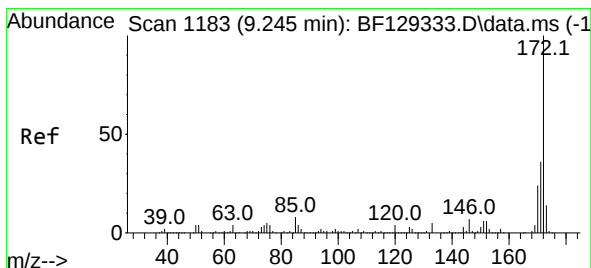
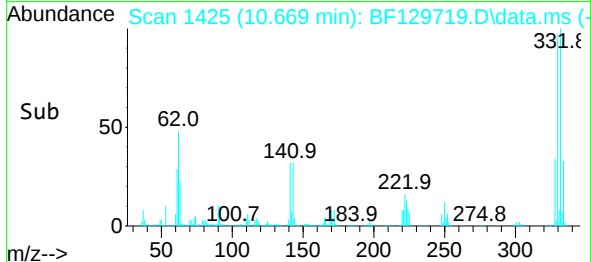
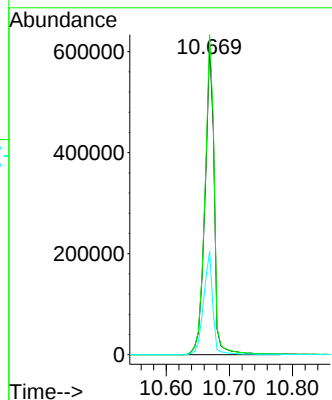
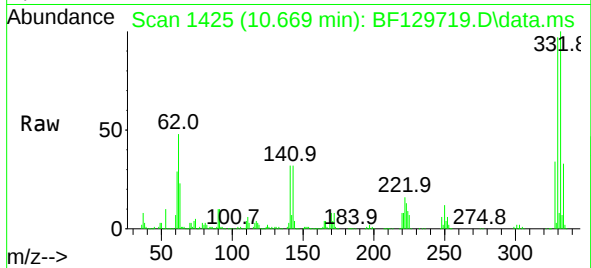




#42
2,4,6-Tribromophenol
Concen: 181.280 ng
RT: 10.669 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

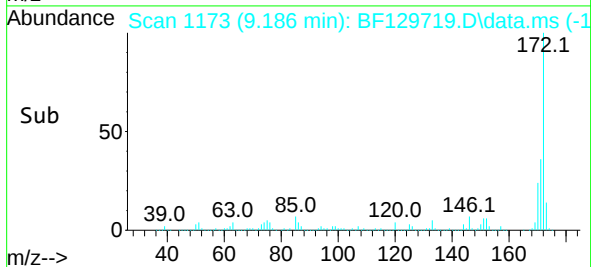
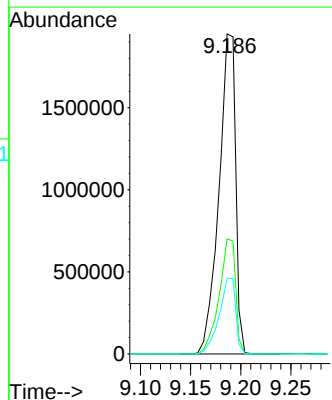
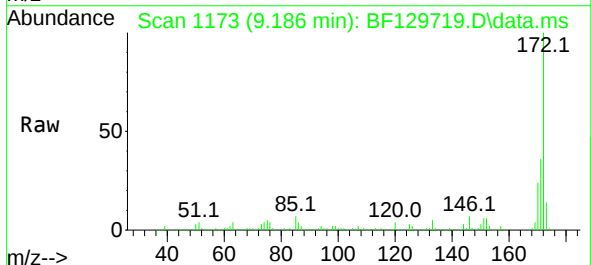
Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

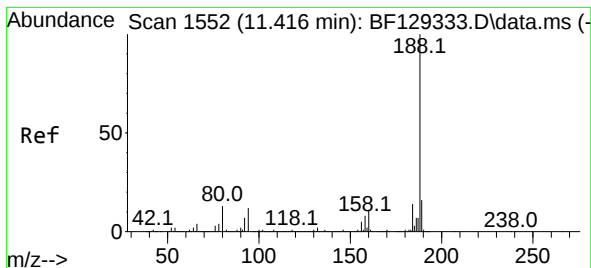
Tgt Ion:330 Resp: 628129
Ion Ratio Lower Upper
330 100
332 104.0 76.8 115.2
141 33.6 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 96.804 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

Tgt Ion:172 Resp: 2255275
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.6 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129719.D

Acq: 11 Aug 2022 17:18

Instrument :

BNA_F

ClientSampleId :

TP1-2-4FT

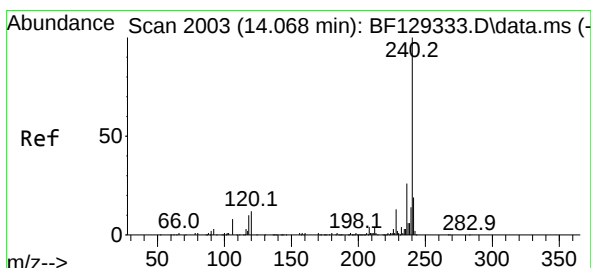
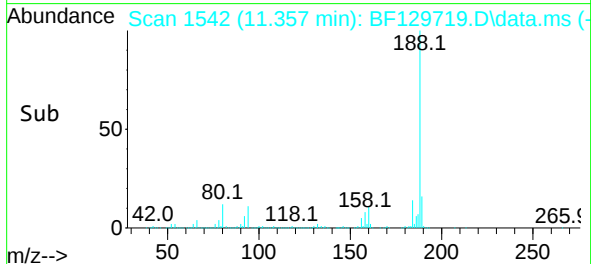
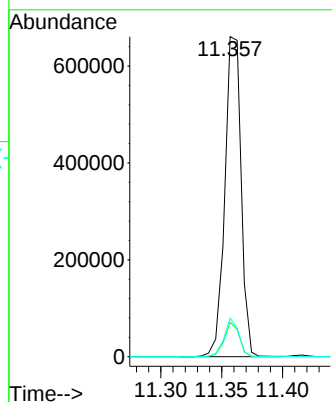
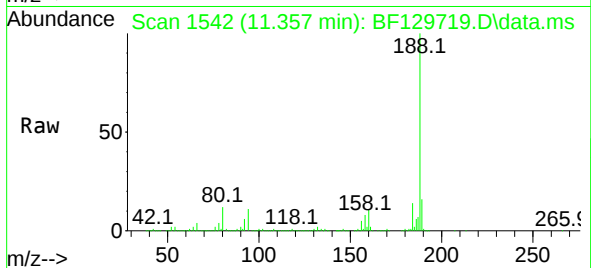
Tgt Ion:188 Resp: 617595

Ion Ratio Lower Upper

188 100

94 10.8 7.0 10.6#

80 12.0 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.012 min

Lab File: BF129719.D

Acq: 11 Aug 2022 17:18

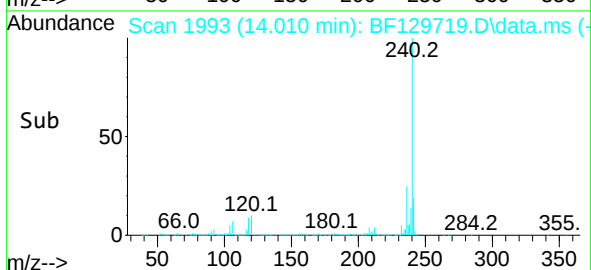
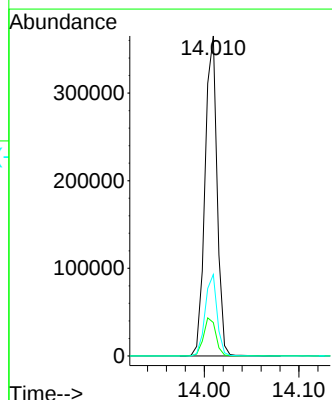
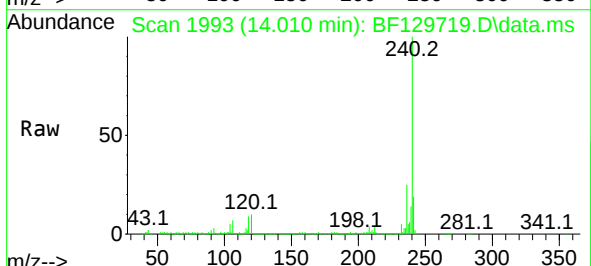
Tgt Ion:240 Resp: 323833

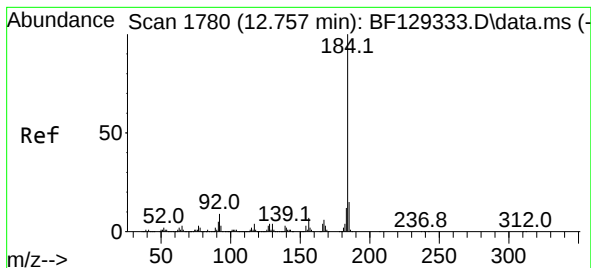
Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 25.4 20.8 31.2





#77

Benzidine

Concen: 11.547 ng

RT: 12.704 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129719.D

Acq: 11 Aug 2022 17:18

Instrument :

BNA_F

ClientSampleId :

TP1-2-4FT

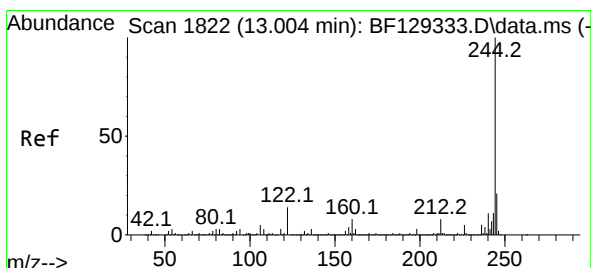
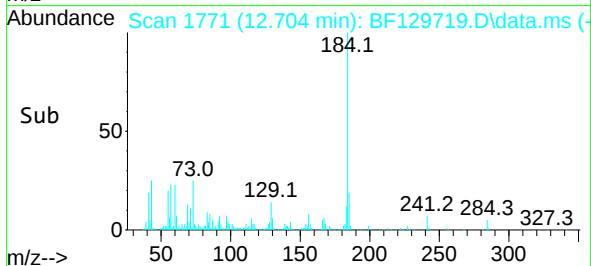
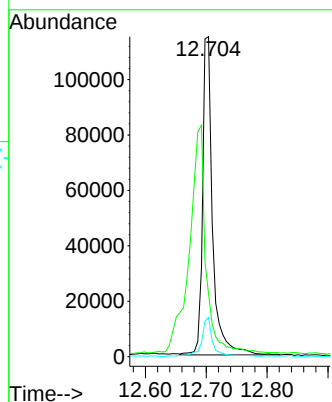
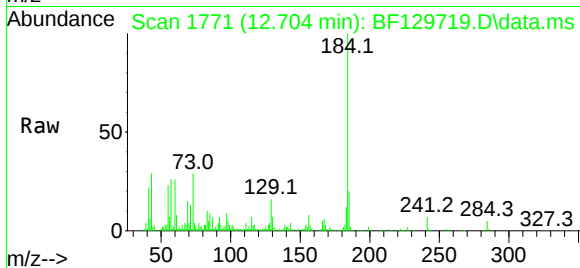
Tgt Ion:184 Resp: 132101

Ion Ratio Lower Upper

184 100

185 19.8 11.9 17.9#

183 12.3 9.3 13.9



#79

Terphenyl-d14

Concen: 144.698 ng

RT: 12.951 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF129719.D

Acq: 11 Aug 2022 17:18

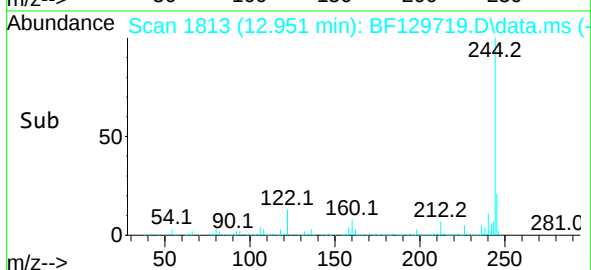
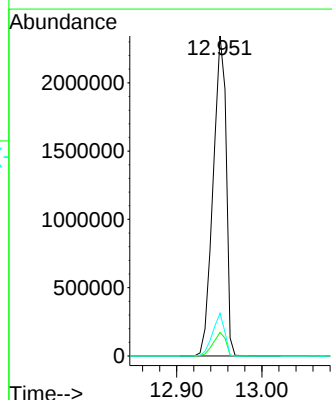
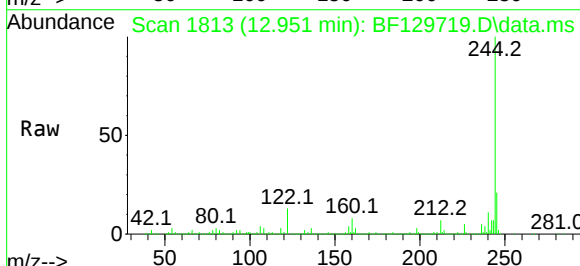
Tgt Ion:244 Resp: 2483745

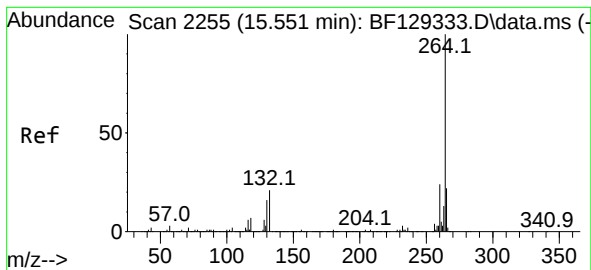
Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 13.3 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129719.D
 Acq: 11 Aug 2022 17:18

Instrument :
 BNA_F
 ClientSampleId :
 TP1-2-4FT

Tgt Ion:264 Resp: 303462
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.3 17.2 25.8

