

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129895.D
 Acq On : 19 Aug 2022 01:33
 Operator : CG\JU
 Sample : N4202-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB10

Quant Time: Aug 19 01:52:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	108837	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	398435	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	175787	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	273205	20.000	ng	0.00
76) Chrysene-d12	13.968	240	264237	20.000	ng	0.00
86) Perylene-d12	15.433	264	220900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	430527	65.495	ng	0.00
7) Phenol-d6	6.445	99	516146	62.701	ng	0.00
23) Nitrobenzene-d5	7.357	82	308822	41.492	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	93615	53.061	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	531070	45.885	ng	0.00
79) Terphenyl-d14	12.904	244	541578	34.104	ng	0.00

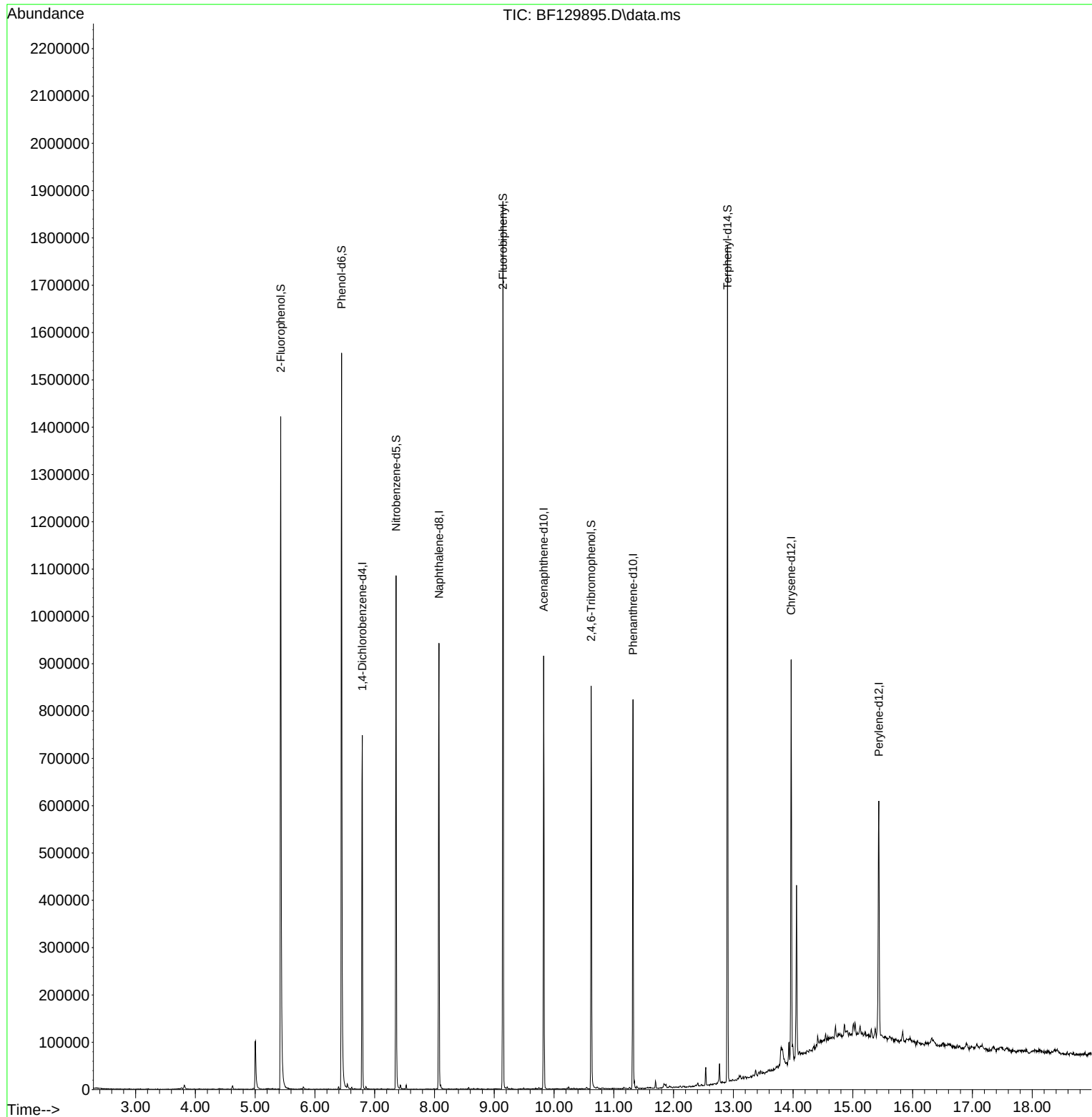
Target Compounds	Qvalue

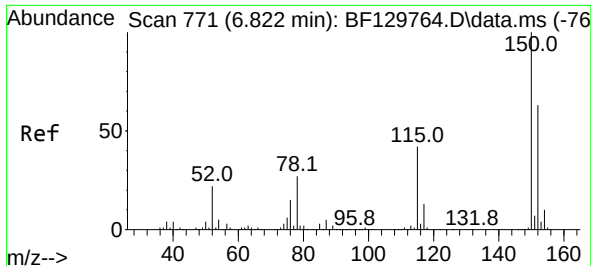
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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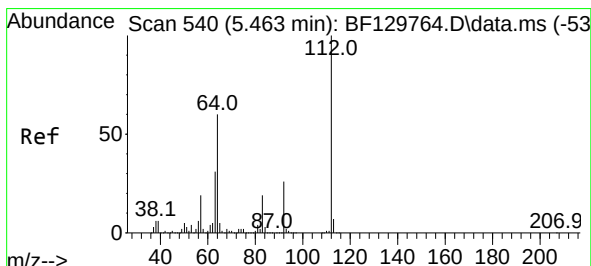
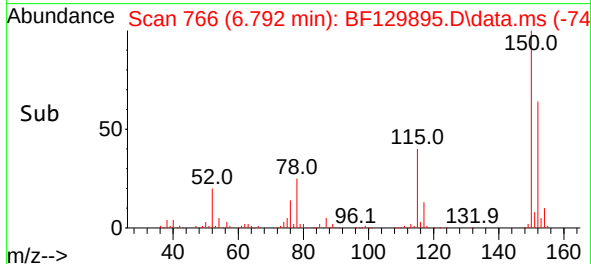
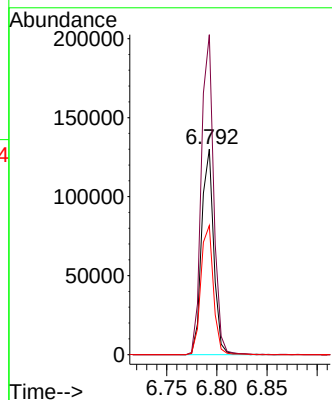
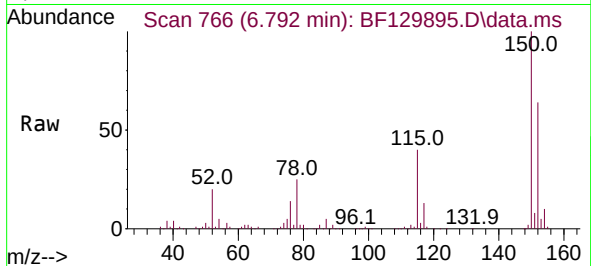




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

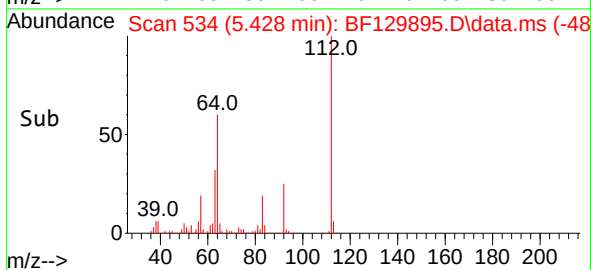
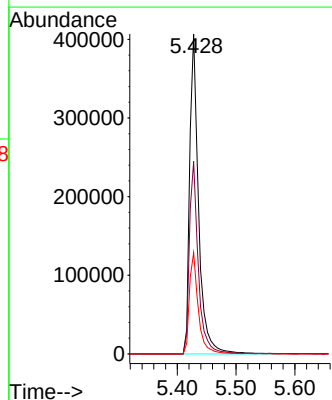
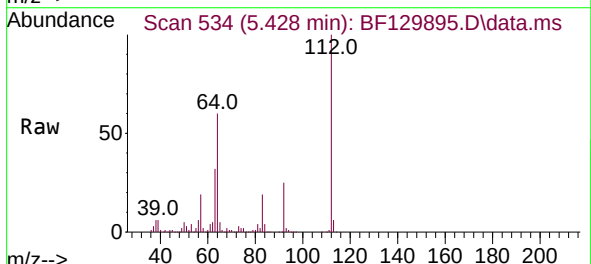
Instrument :
BNA_F
ClientSampleId :
SB10

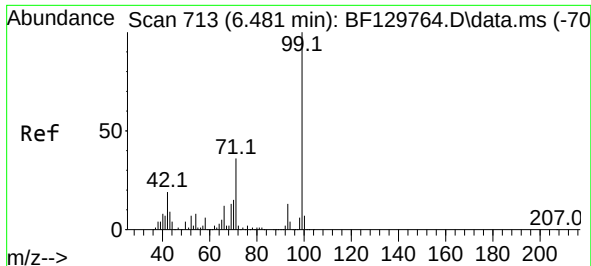
Tgt Ion:152 Resp: 108837
Ion Ratio Lower Upper
152 100
150 155.7 126.9 190.3
115 62.8 53.4 80.0



#5
2-Fluorophenol
Concen: 65.495 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

Tgt Ion:112 Resp: 430527
Ion Ratio Lower Upper
112 100
64 60.1 47.6 71.4
63 31.6 24.6 37.0

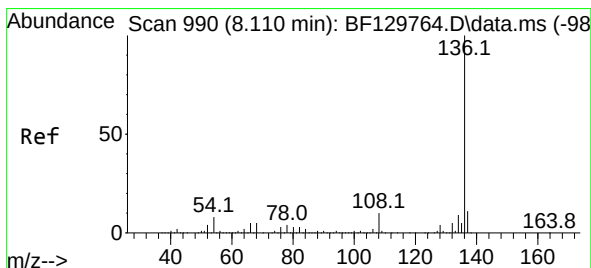
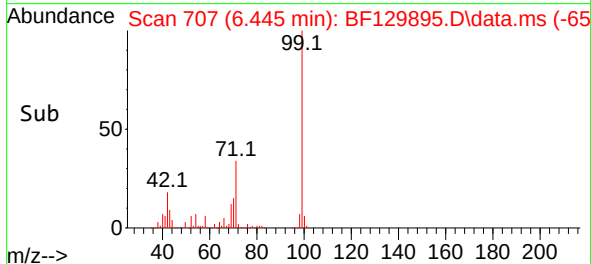
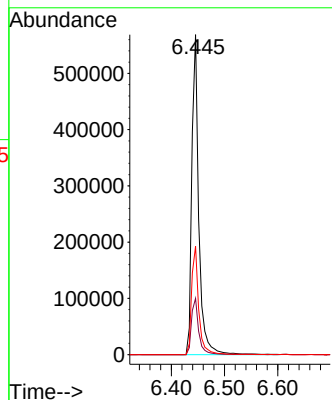
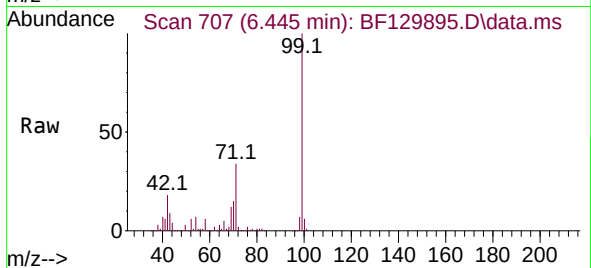




#7
Phenol-d6
Concen: 62.701 ng
RT: 6.445 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

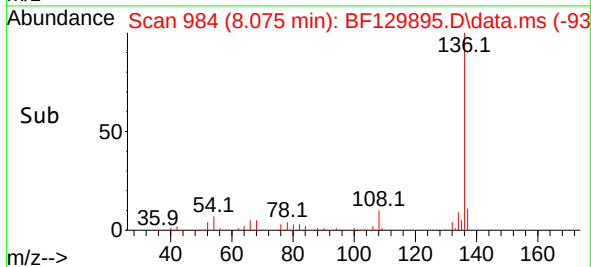
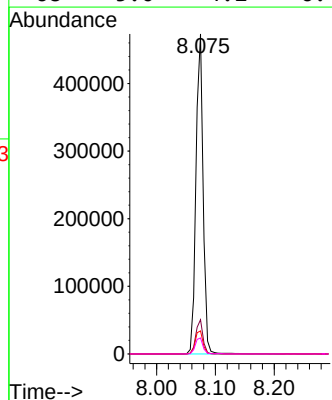
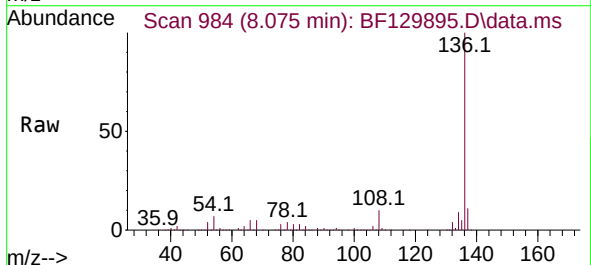
Instrument :
BNA_F
ClientSampleId :
SB10

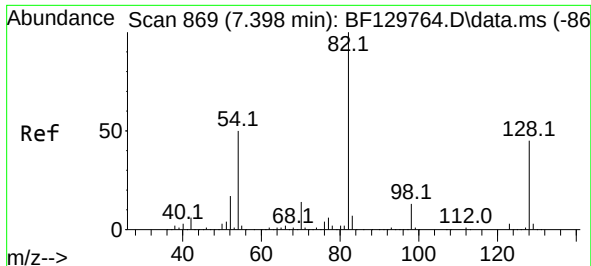
Tgt Ion: 99 Resp: 516146
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.4
71 33.9 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

Tgt Ion: 136 Resp: 398435
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.2 6.2 9.2
68 5.0 4.2 6.4

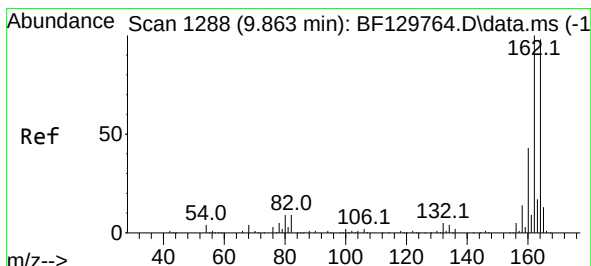
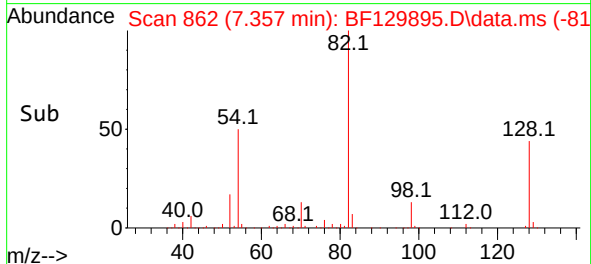
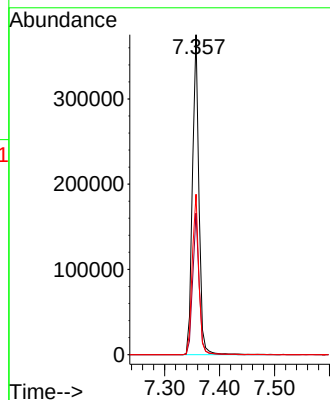
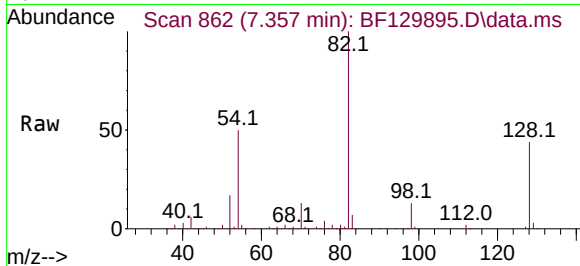




#23
Nitrobenzene-d5
Concen: 41.492 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

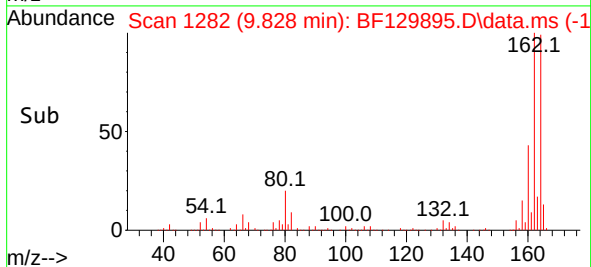
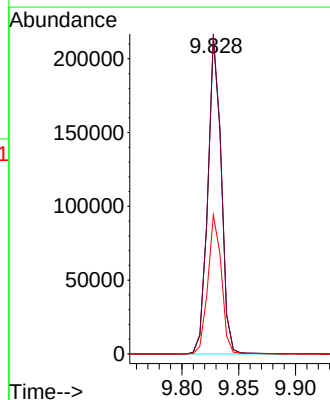
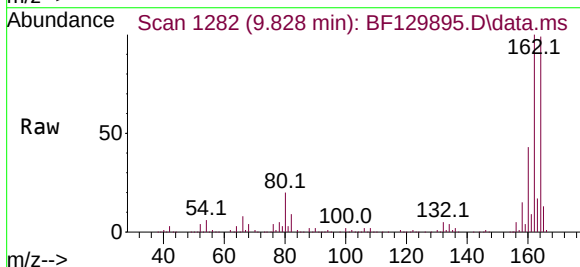
Instrument :
BNA_F
ClientSampleId :
SB10

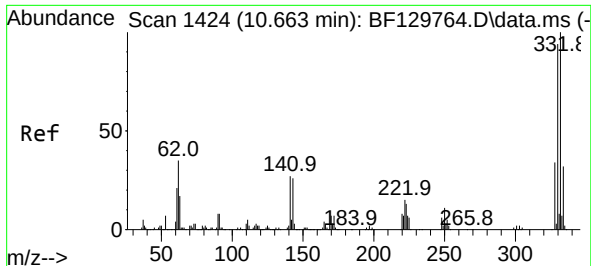
Tgt Ion: 82 Resp: 308822
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 50.1 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

Tgt Ion:164 Resp: 175787
Ion Ratio Lower Upper
164 100
162 101.2 82.0 123.0
160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 53.061 ng

RT: 10.622 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF129895.D

Acq: 19 Aug 2022 01:33

Instrument :

BNA_F

ClientSampleId :

SB10

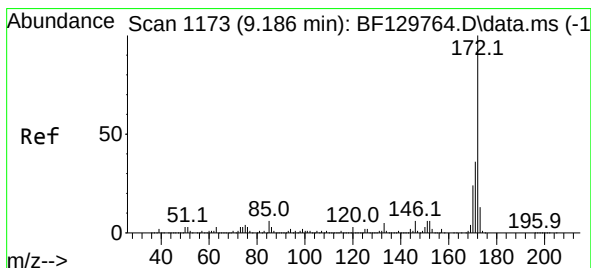
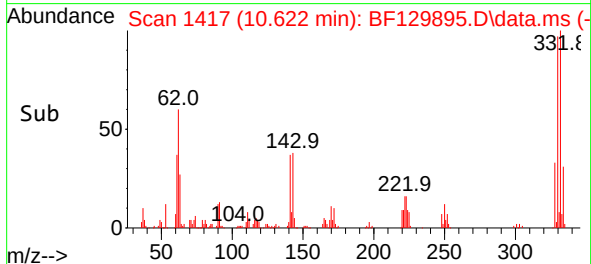
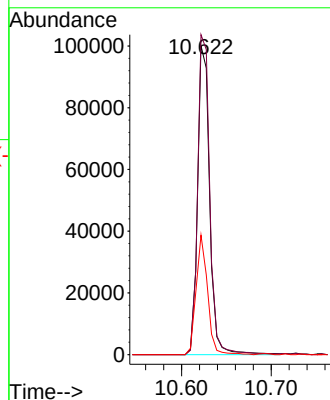
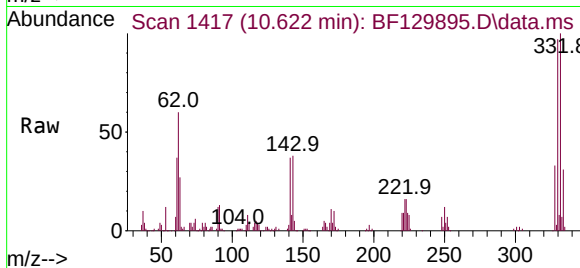
Tgt Ion:330 Resp: 93615

Ion Ratio Lower Upper

330 100

332 104.2 82.6 124.0

141 36.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 45.885 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF129895.D

Acq: 19 Aug 2022 01:33

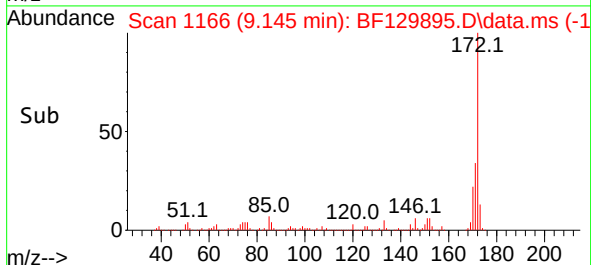
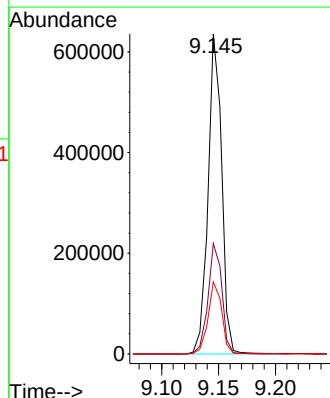
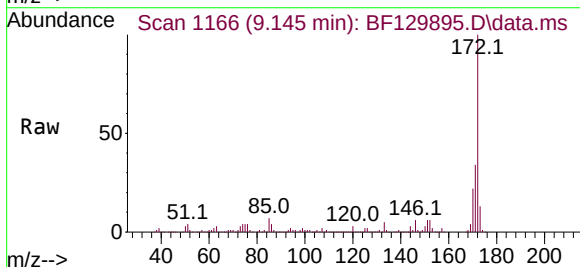
Tgt Ion:172 Resp: 531070

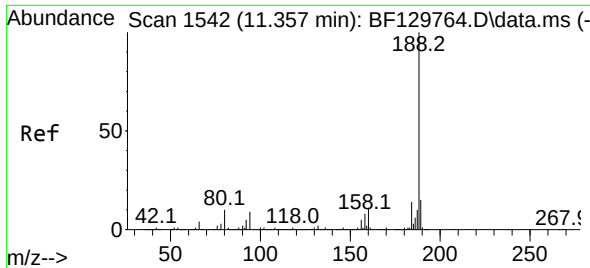
Ion Ratio Lower Upper

172 100

171 34.5 28.4 42.6

170 22.5 19.1 28.7

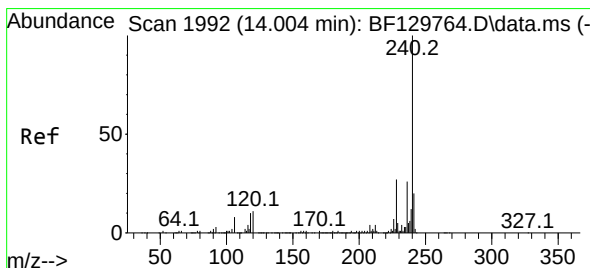
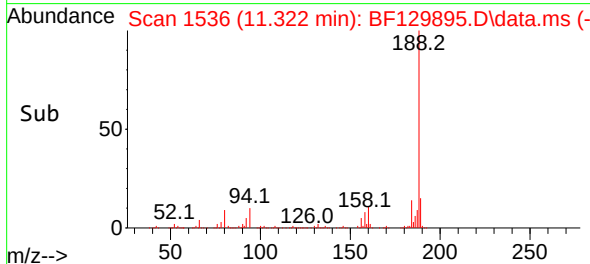
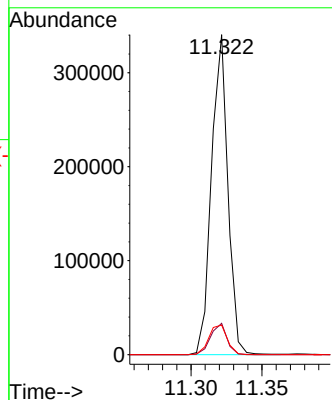
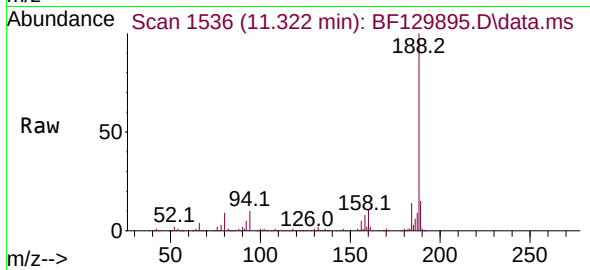




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

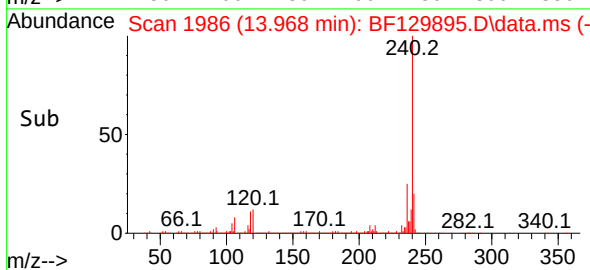
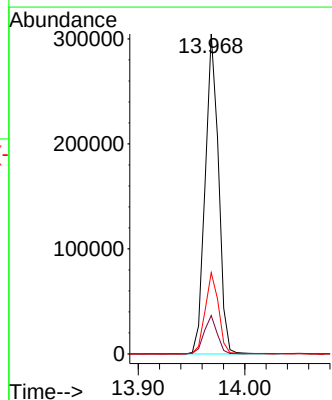
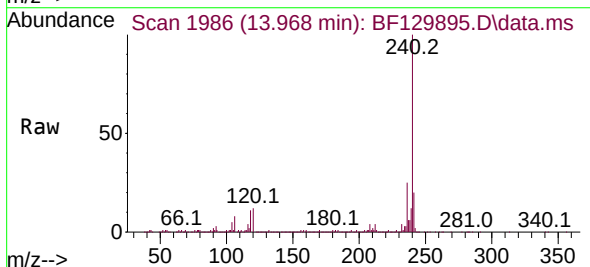
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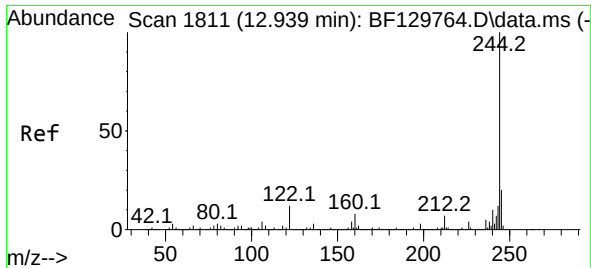
Tgt Ion:188 Resp: 273205
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 9.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

Tgt Ion:240 Resp: 264237
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.4 20.7 31.1

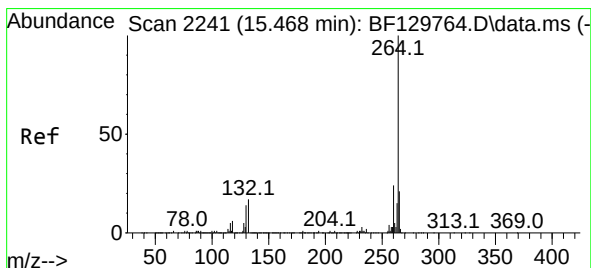
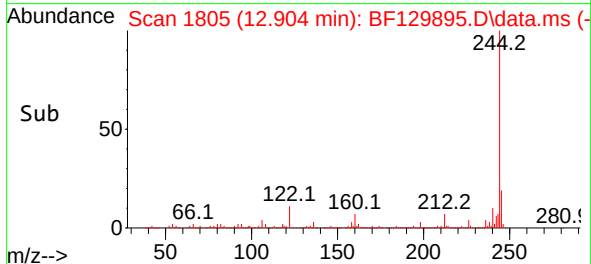
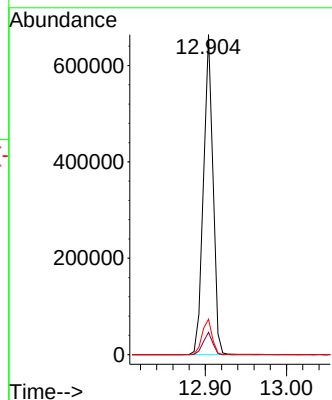
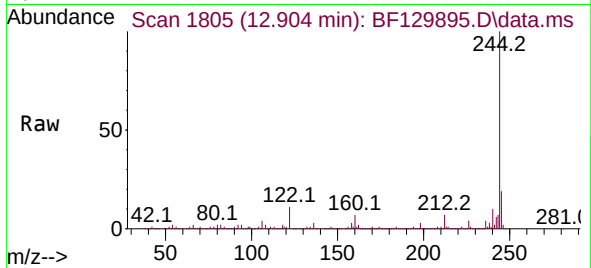




#79
 Terphenyl-d14
 Concen: 34.104 ng
 RT: 12.904 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF129895.D
 Acq: 19 Aug 2022 01:33

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 541578
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.1 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2235
 Delta R.T. 0.006 min
 Lab File: BF129895.D
 Acq: 19 Aug 2022 01:33

Tgt Ion:264 Resp: 220900
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.0 16.7 25.1

