

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129822.D
 Acq On : 16 Aug 2022 21:18
 Operator : CG\JU
 Sample : N4188-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S10

Quant Time: Aug 17 02:38:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	142945	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	574973	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	300677	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	499415	20.000	ng	0.00
76) Chrysene-d12	13.998	240	257082	20.000	ng	0.00
86) Perylene-d12	15.468	264	275740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1133137	131.249	ng	0.00
7) Phenol-d6	6.481	99	1438425	133.045	ng	0.00
23) Nitrobenzene-d5	7.386	82	932075	86.779	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	387356	128.359	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1602593	80.952	ng	0.00
79) Terphenyl-d14	12.933	244	1386022	89.709	ng	0.00

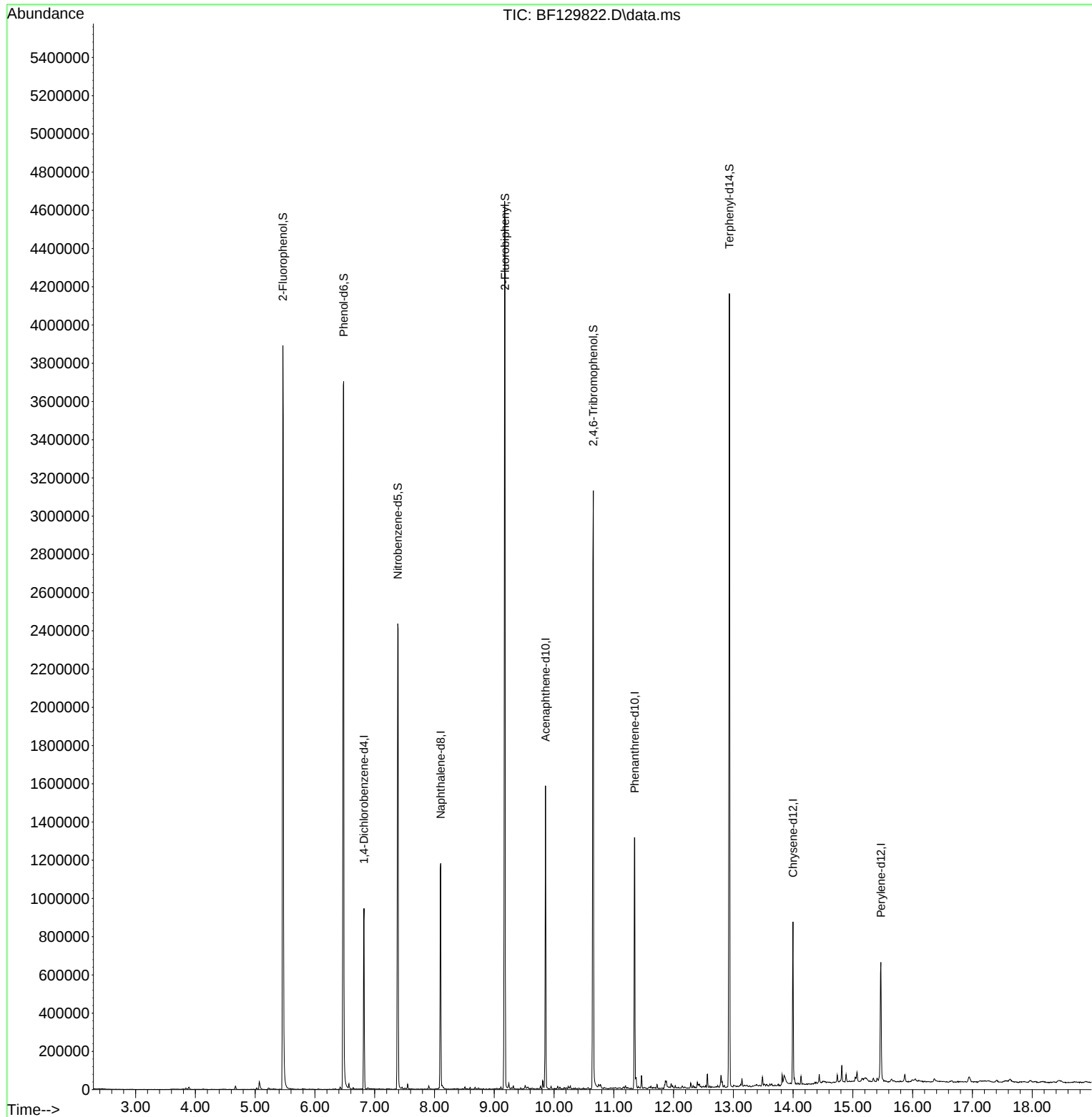
Target Compounds	Qvalue

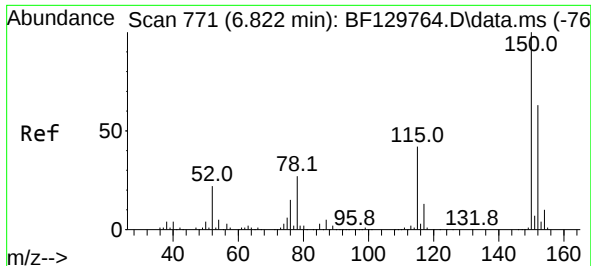
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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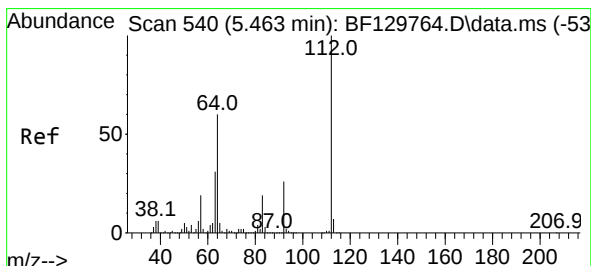
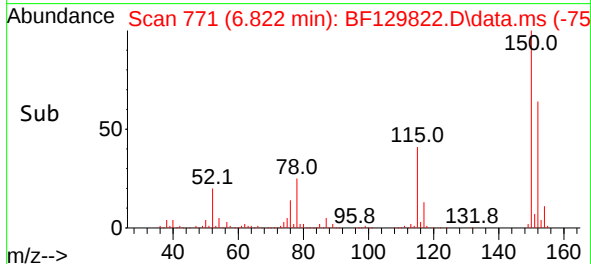
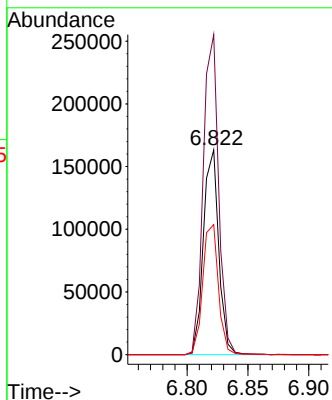
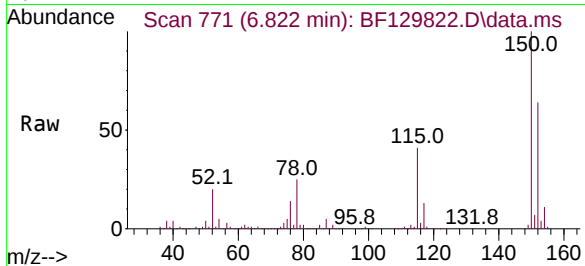




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: BF129822.D
 Acq: 16 Aug 2022 21:18

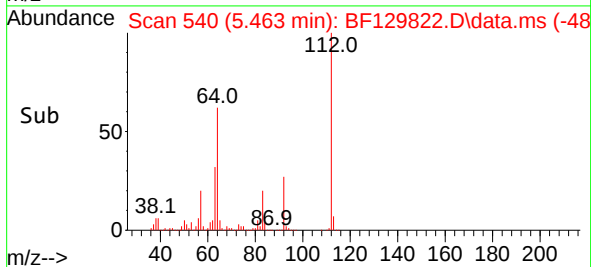
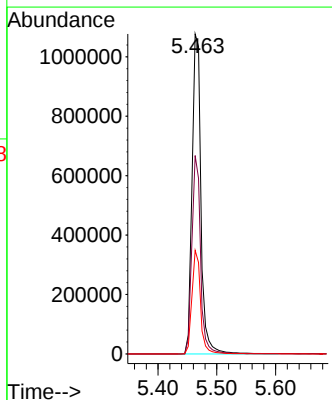
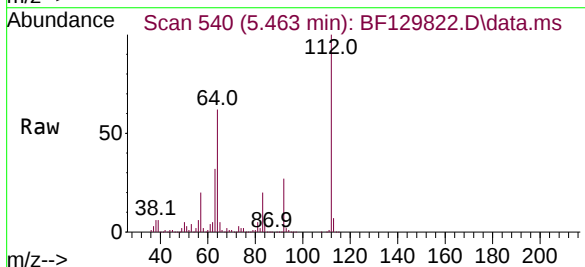
Instrument :
 BNA_F
 ClientSampleId :
 S10

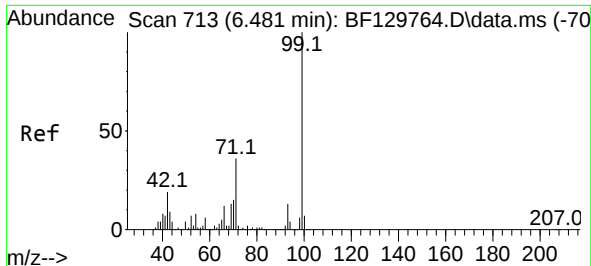
Tgt Ion:152 Resp: 142945
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.9 190.3
 115 63.5 53.4 80.0



#5
 2-Fluorophenol
 Concen: 131.249 ng
 RT: 5.463 min Scan# 540
 Delta R.T. -0.000 min
 Lab File: BF129822.D
 Acq: 16 Aug 2022 21:18

Tgt Ion:112 Resp: 1133137
 Ion Ratio Lower Upper
 112 100
 64 62.0 47.6 71.4
 63 32.3 24.6 37.0



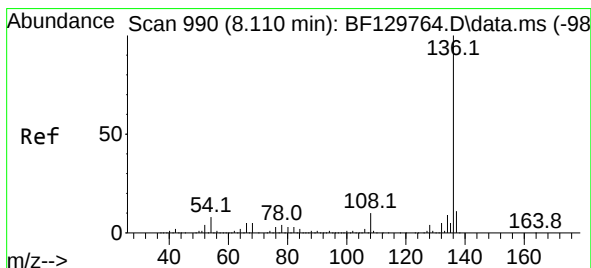
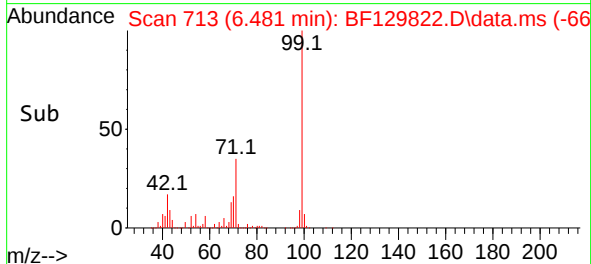
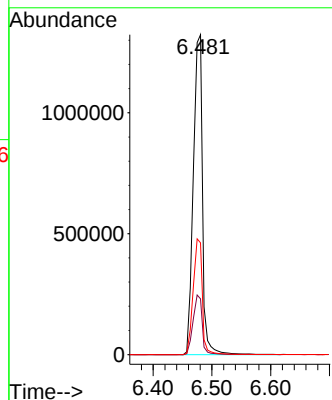
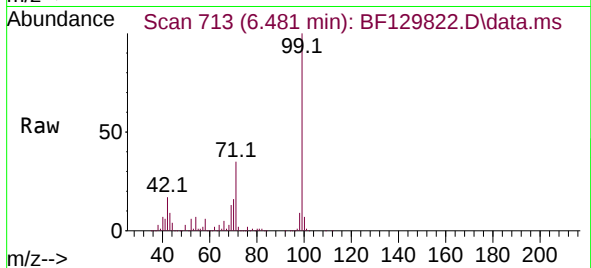


#7
Phenol-d6
Concen: 133.045 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion: 99 Resp: 1438425

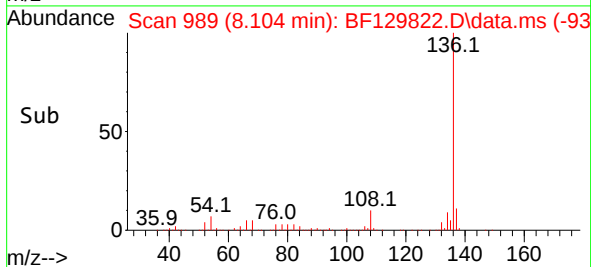
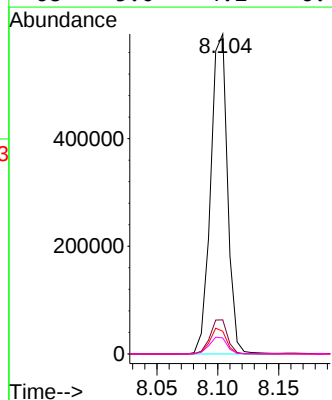
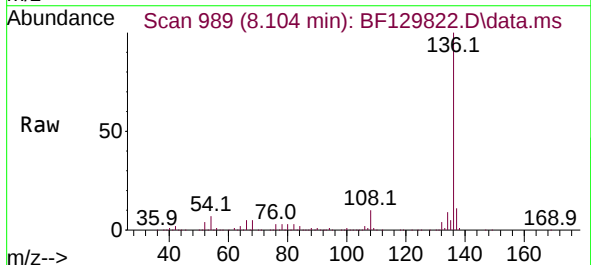
Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.0	22.4
71	34.9	28.8	43.2

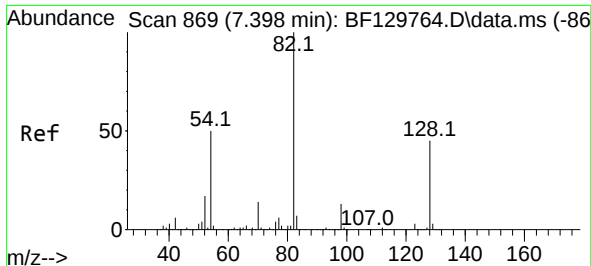


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

Tgt Ion: 136 Resp: 574973

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.1	6.2	9.2
68	5.0	4.2	6.4

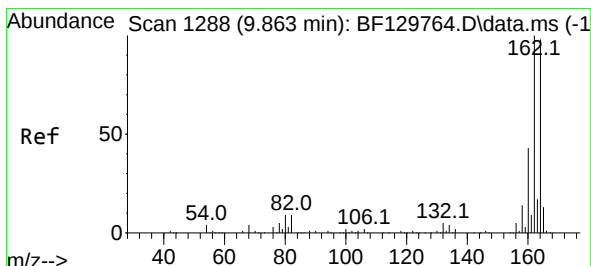
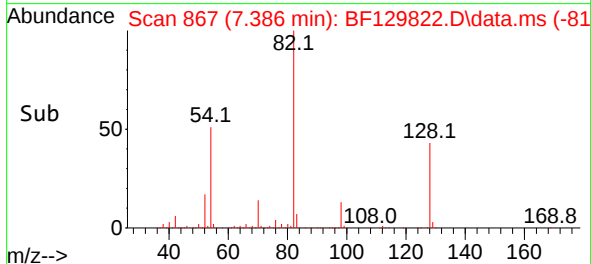
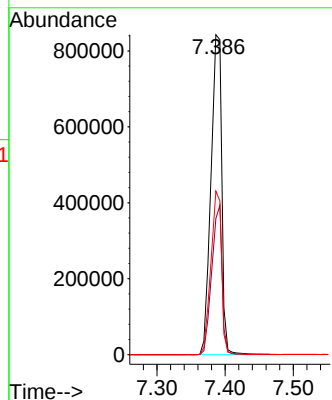
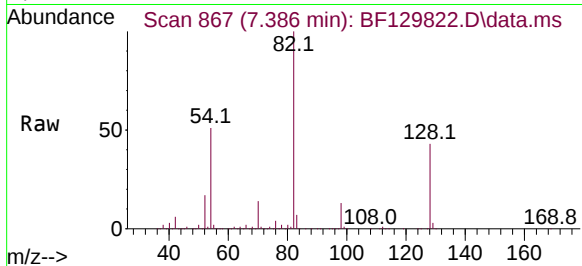




#23
Nitrobenzene-d5
Concen: 86.779 ng
RT: 7.386 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

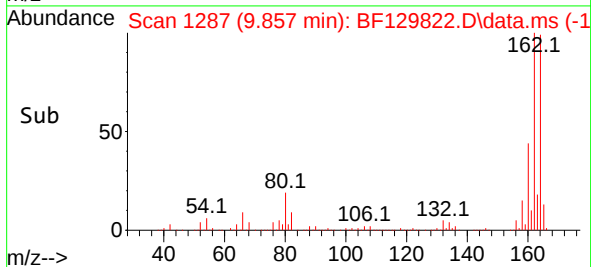
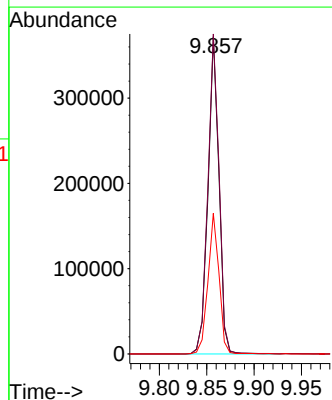
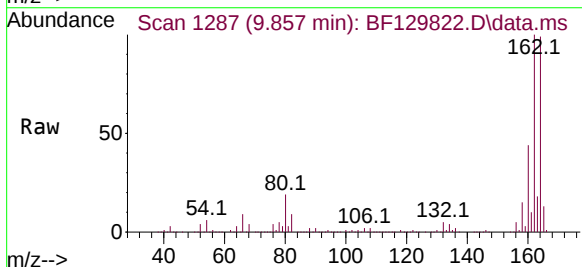
Instrument :
BNA_F
ClientSampleId :
S10

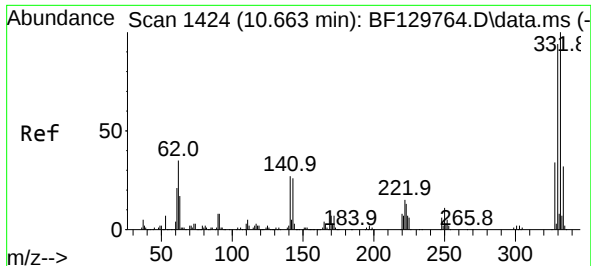
Tgt Ion: 82 Resp: 932075
Ion Ratio Lower Upper
82 100
128 42.5 36.1 54.1
54 51.1 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

Tgt Ion:164 Resp: 300677
Ion Ratio Lower Upper
164 100
162 100.9 82.0 123.0
160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 128.359 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129822.D

Acq: 16 Aug 2022 21:18

Instrument :

BNA_F

ClientSampleId :

S10

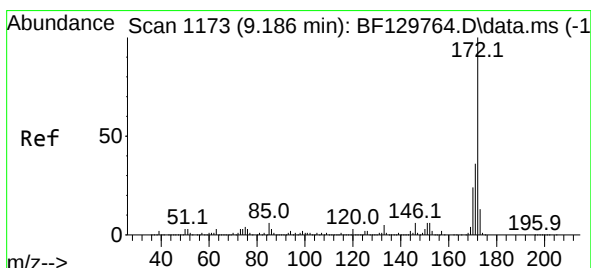
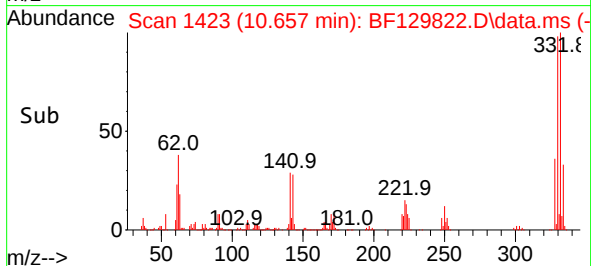
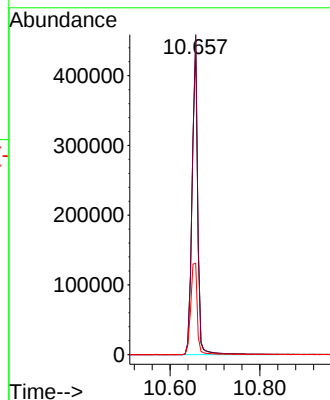
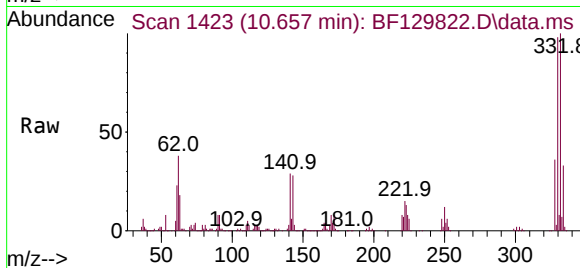
Tgt Ion:330 Resp: 387356

Ion Ratio Lower Upper

330 100

332 101.1 82.6 124.0

141 34.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 80.952 ng

RT: 9.180 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129822.D

Acq: 16 Aug 2022 21:18

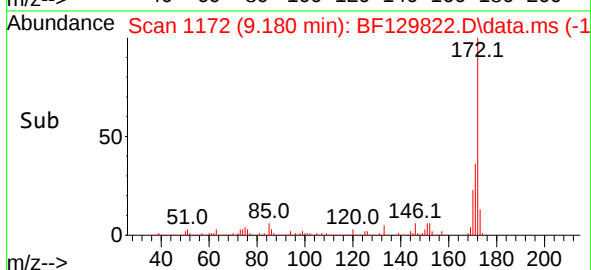
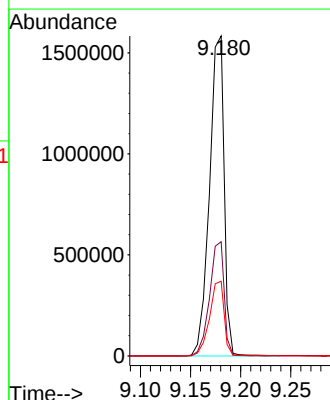
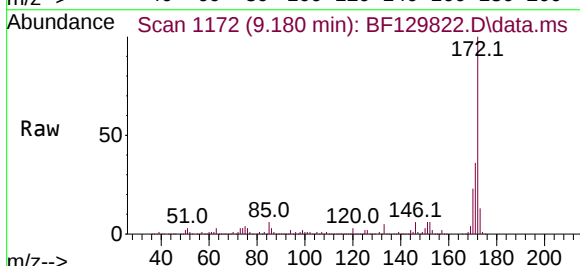
Tgt Ion:172 Resp: 1602593

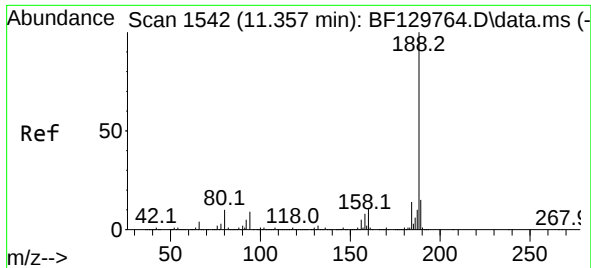
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.3 19.1 28.7

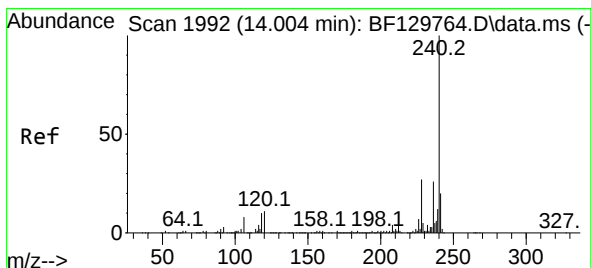
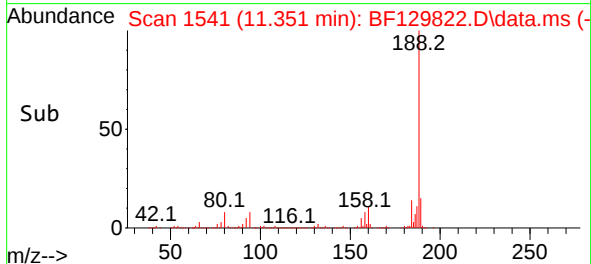
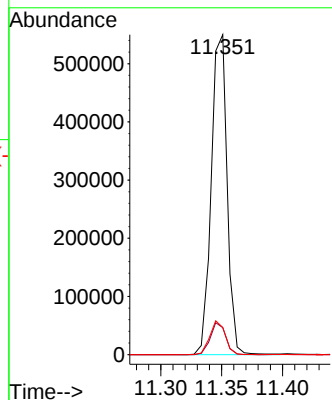
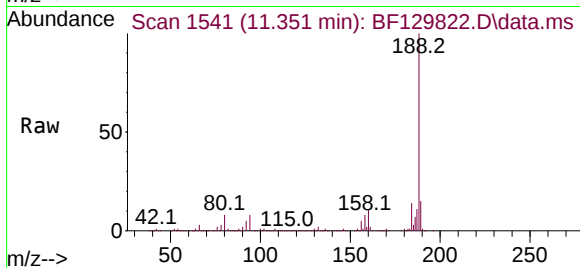




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

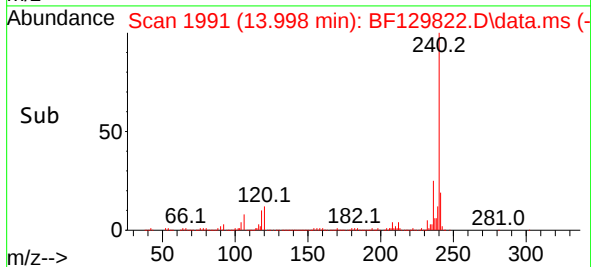
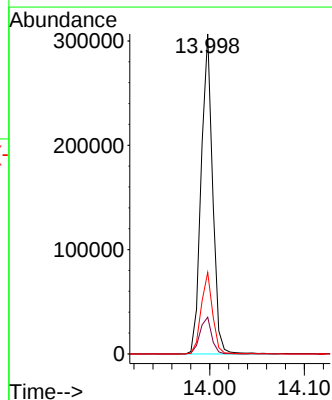
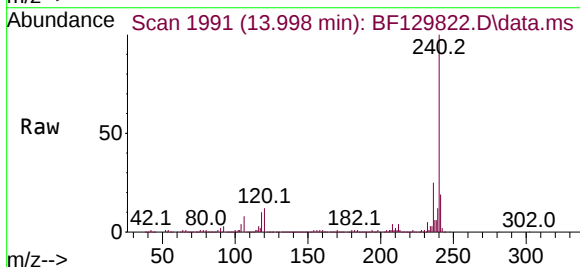
Instrument :
BNA_F
ClientSampleId :
S10

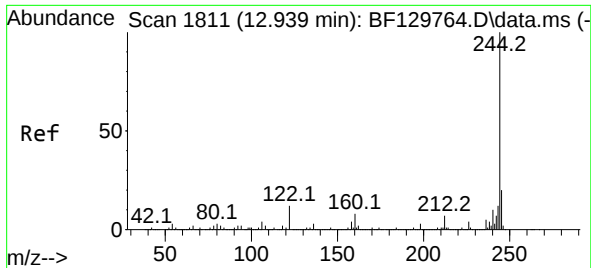
Tgt Ion:188 Resp: 499415
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 8.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

Tgt Ion:240 Resp: 257082
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.5 20.7 31.1

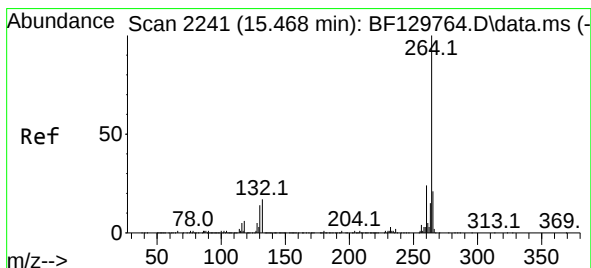
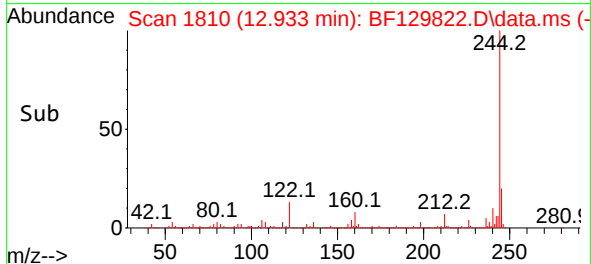
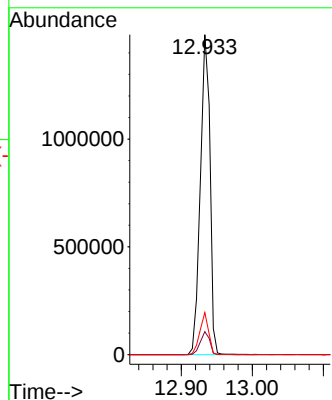
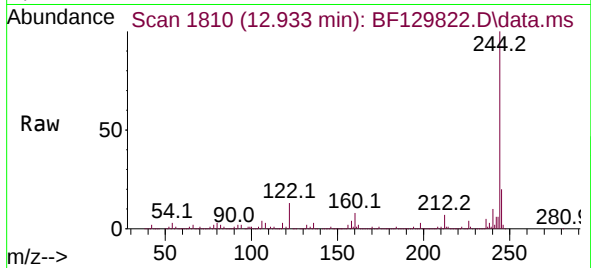




#79
 Terphenyl-d14
 Concen: 89.709 ng
 RT: 12.933 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF129822.D
 Acq: 16 Aug 2022 21:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1386022
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 13.1 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF129822.D
 Acq: 16 Aug 2022 21:18

Tgt Ion:264 Resp: 275740
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 20.8 16.7 25.1

