

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129804.D
 Acq On : 16 Aug 2022 11:13
 Operator : CG\JU
 Sample : N4171-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20220810

Quant Time: Aug 17 02:53:09 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	178364	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	740619	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	408002	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	727462	20.000	ng	0.00
76) Chrysene-d12	13.998	240	568211	20.000	ng	0.00
86) Perylene-d12	15.474	264	427554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	752731	69.874	ng	0.00
7) Phenol-d6	6.475	99	596979	44.252	ng	0.00
23) Nitrobenzene-d5	7.392	82	1276820	92.288	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	636975	155.553	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2378735	88.549	ng	0.00
79) Terphenyl-d14	12.945	244	2891988	84.688	ng	0.00

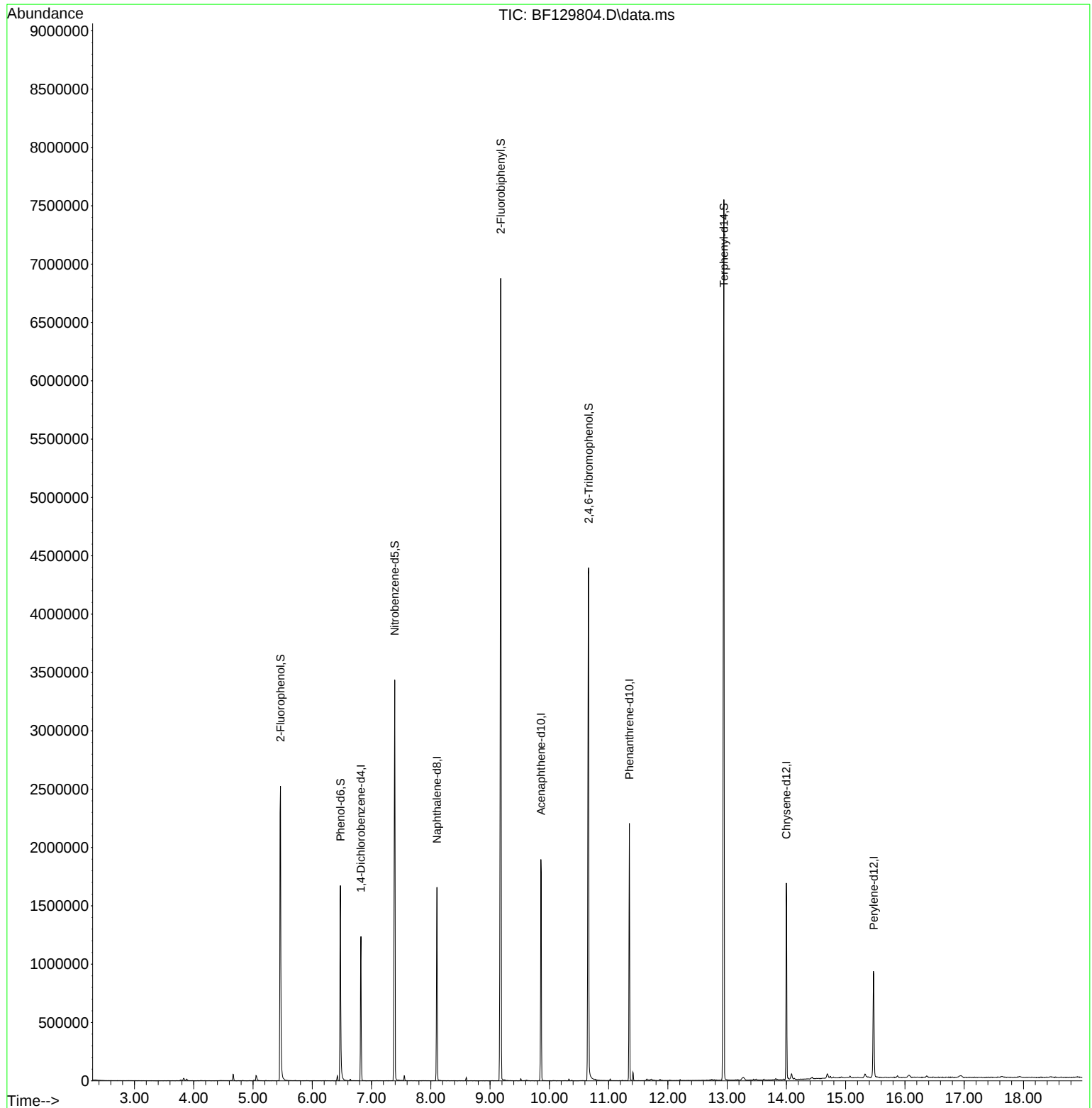
Target Compounds	Qvalue

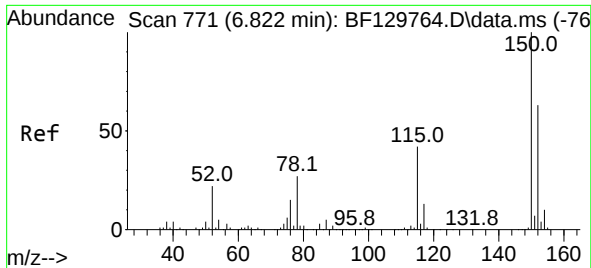
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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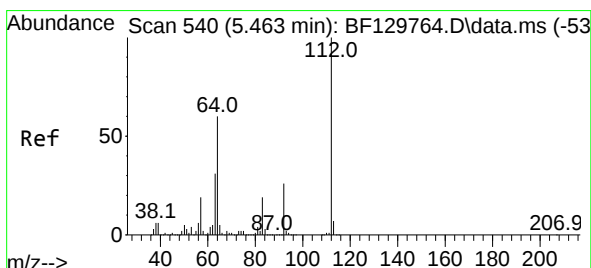
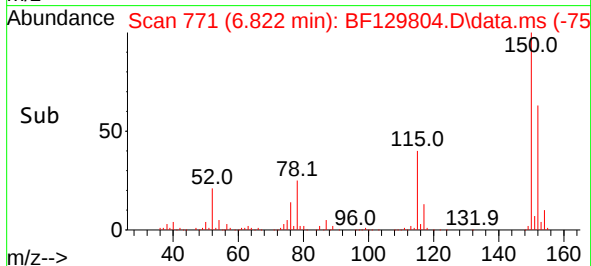
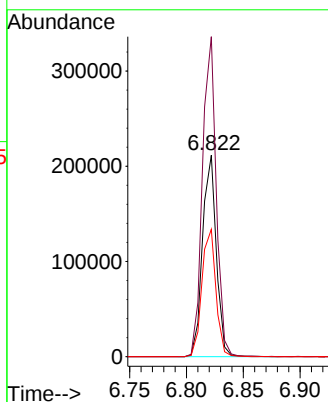
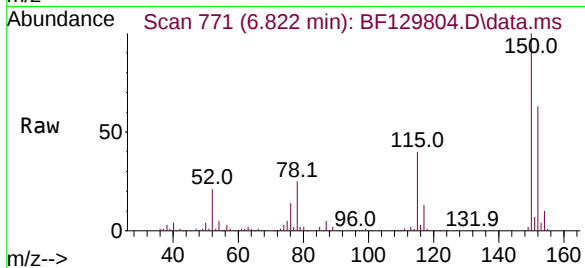




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129804.D
Acq: 16 Aug 2022 11:13

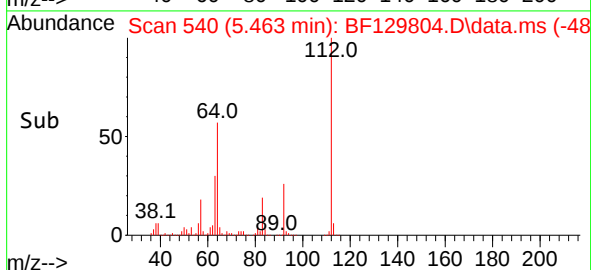
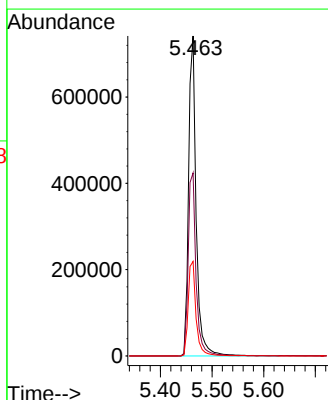
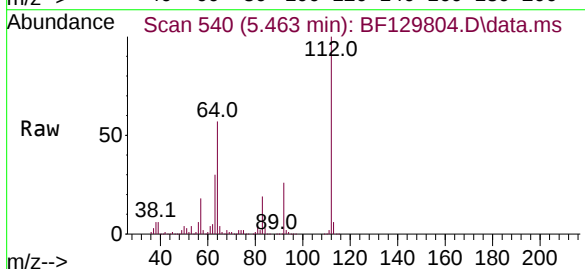
Instrument :
BNA_F
ClientSampleId :
SP-303-20220810

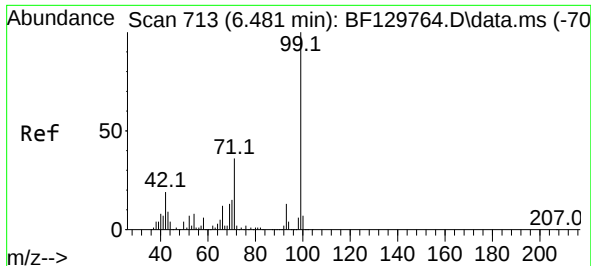
Tgt Ion:152 Resp: 178364
Ion Ratio Lower Upper
152 100
150 159.0 126.9 190.3
115 63.3 53.4 80.0



#5
2-Fluorophenol
Concen: 69.874 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129804.D
Acq: 16 Aug 2022 11:13

Tgt Ion:112 Resp: 752731
Ion Ratio Lower Upper
112 100
64 57.2 47.6 71.4
63 29.5 24.6 37.0

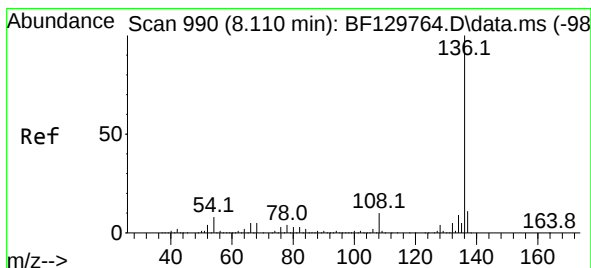
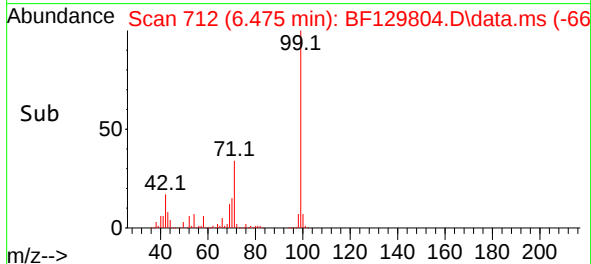
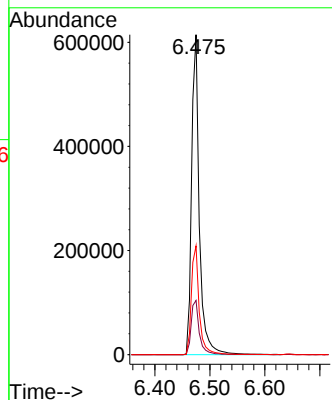
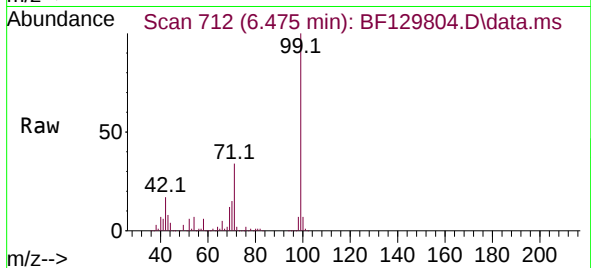




#7
Phenol-d6
Concen: 44.252 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129804.D
Acq: 16 Aug 2022 11:13

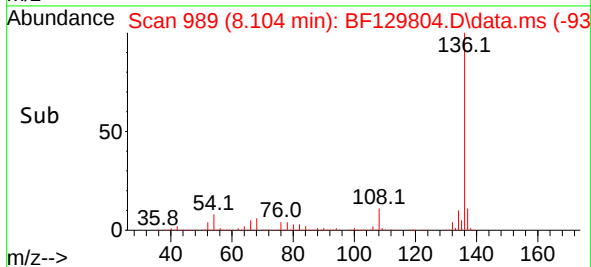
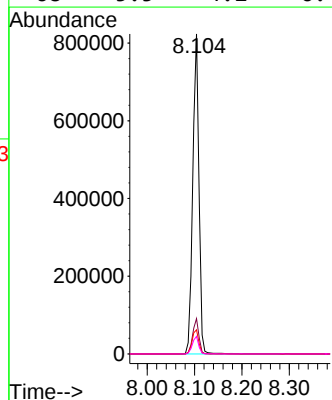
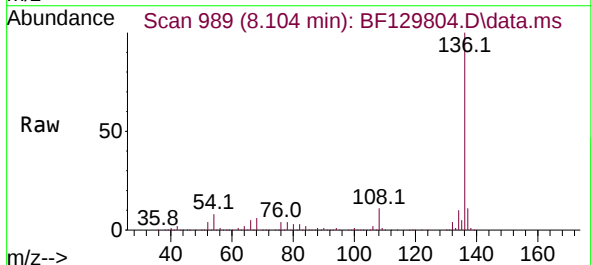
Instrument :
BNA_F
ClientSampleId :
SP-303-20220810

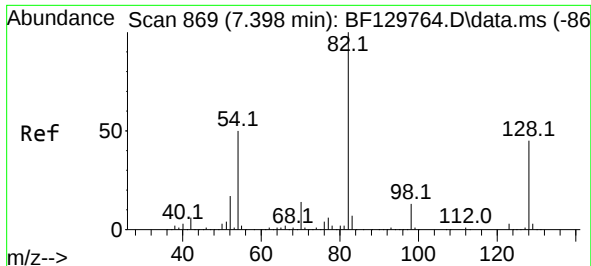
Tgt Ion: 99 Resp: 596979
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.4
71 34.0 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129804.D
Acq: 16 Aug 2022 11:13

Tgt Ion: 136 Resp: 740619
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.5 6.2 9.2
68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 92.288 ng

RT: 7.392 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129804.D

Acq: 16 Aug 2022 11:13

Instrument :

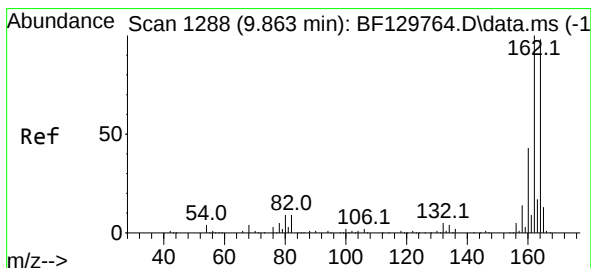
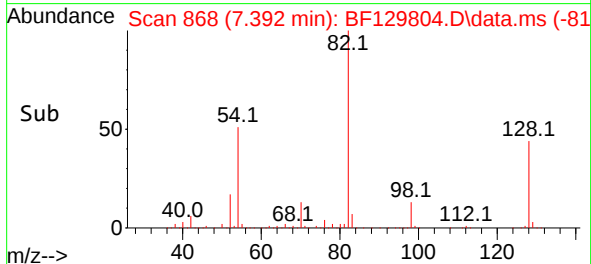
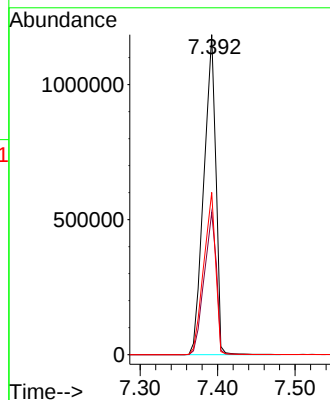
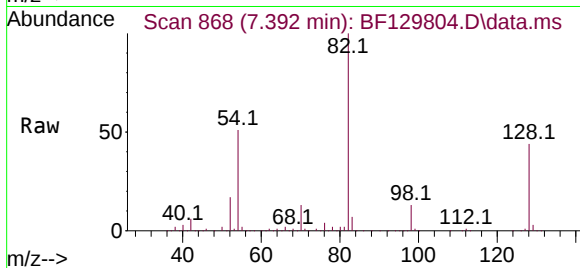
BNA_F

ClientSampleId :

SP-303-20220810

Tgt Ion: 82 Resp: 1276820

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	50.7	40.0	60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1287

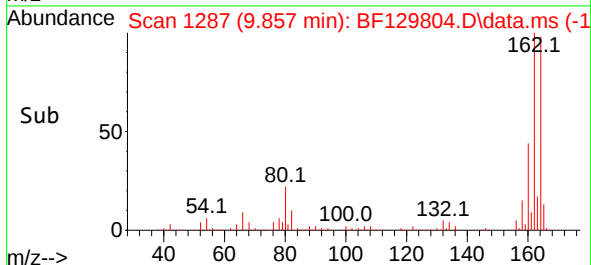
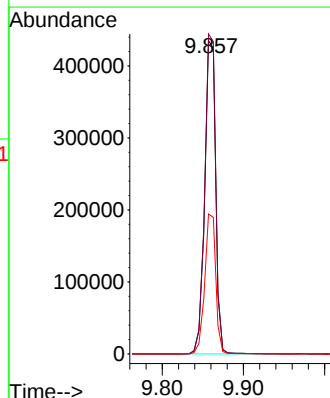
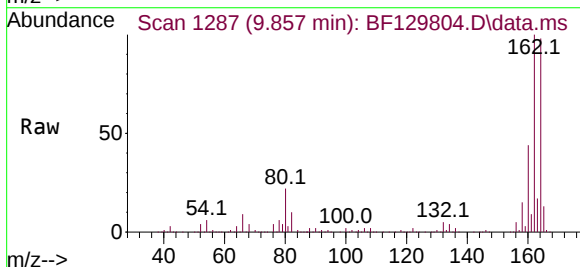
Delta R.T. -0.006 min

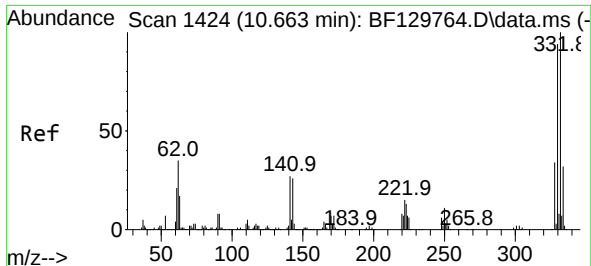
Lab File: BF129804.D

Acq: 16 Aug 2022 11:13

Tgt Ion:164 Resp: 408002

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.0	123.0
160	44.7	35.4	53.0

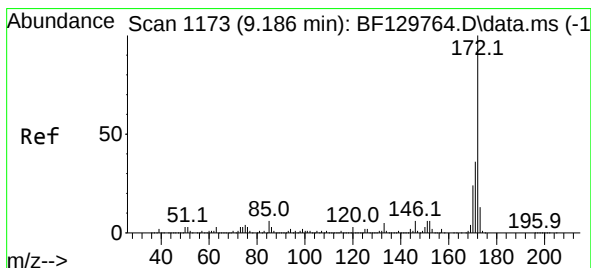
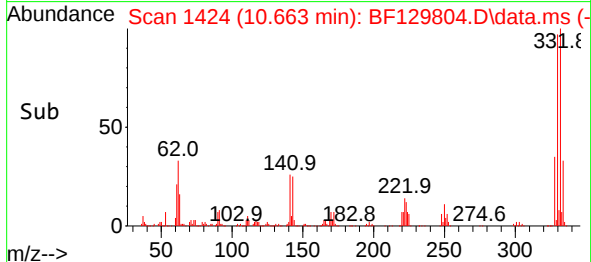
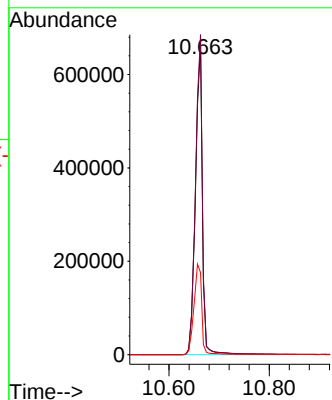
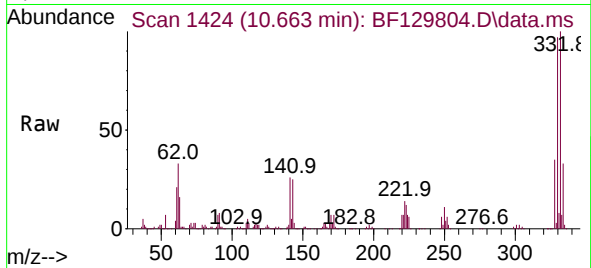




#42
2,4,6-Tribromophenol
Concen: 155.553 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129804.D
Acq: 16 Aug 2022 11:13

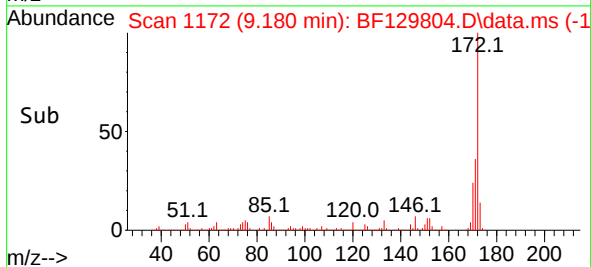
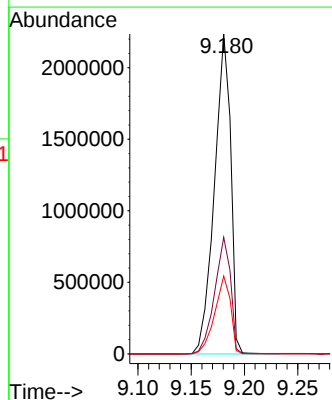
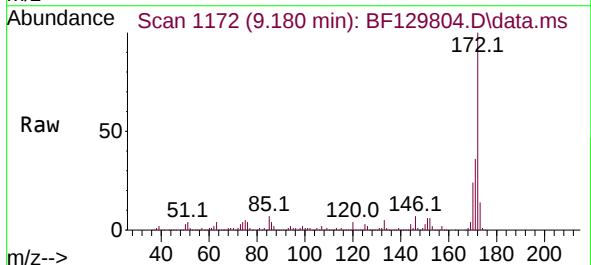
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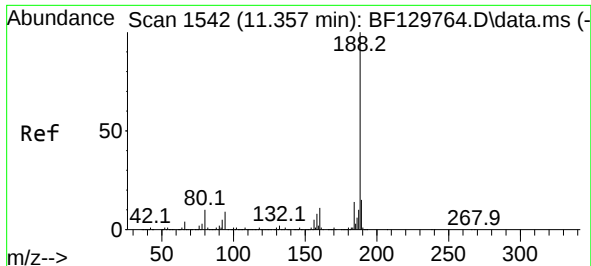
Tgt Ion: 330 Resp: 636975
Ion Ratio Lower Upper
330 100
332 102.3 82.6 124.0
141 32.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 88.549 ng
RT: 9.180 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF129804.D
Acq: 16 Aug 2022 11:13

Tgt Ion: 172 Resp: 2378735
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.3 19.1 28.7

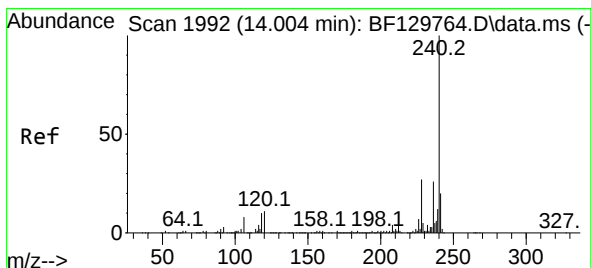
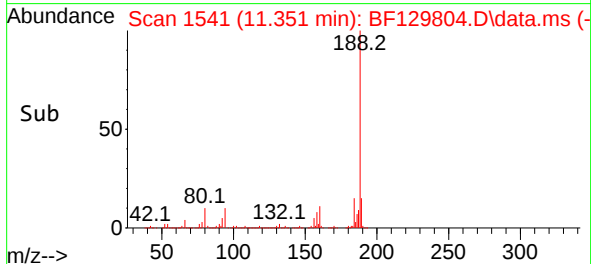
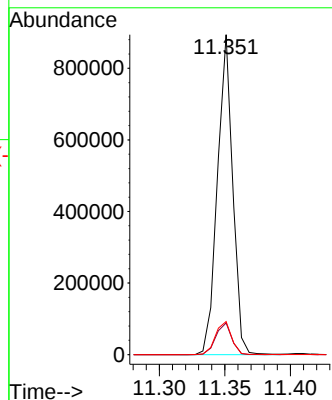
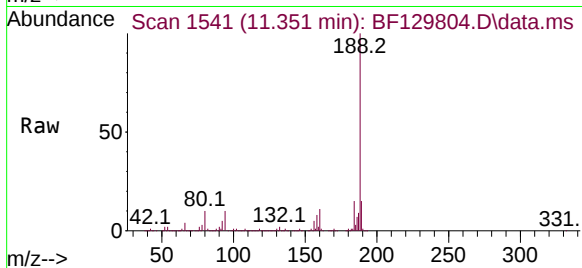




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129804.D
Acq: 16 Aug 2022 11:13

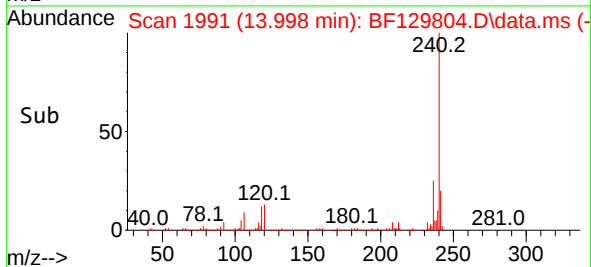
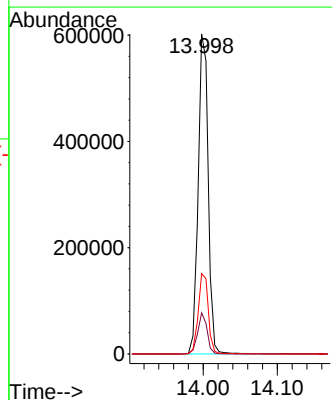
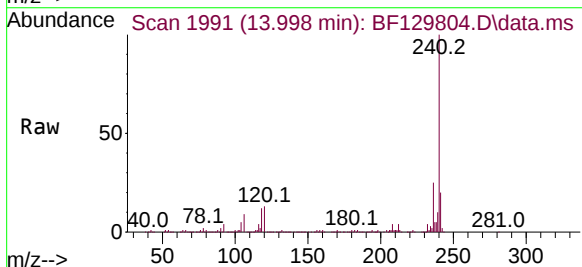
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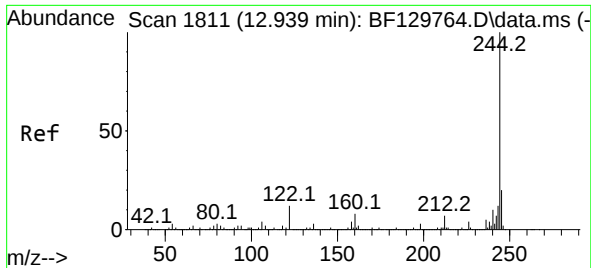
Tgt Ion:188 Resp: 727462
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129804.D
Acq: 16 Aug 2022 11:13

Tgt Ion:240 Resp: 568211
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 25.1 20.7 31.1

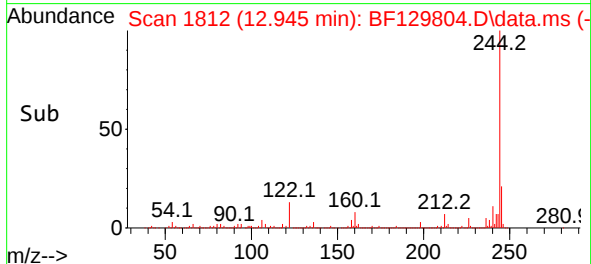
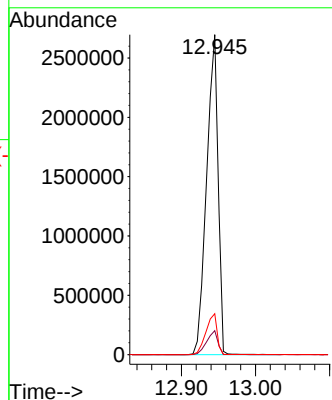
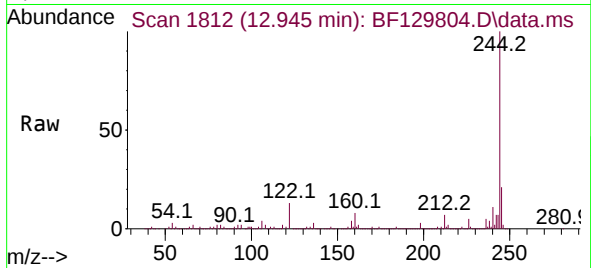




#79
 Terphenyl-d14
 Concen: 84.688 ng
 RT: 12.945 min Scan# 1811
 Delta R.T. 0.006 min
 Lab File: BF129804.D
 Acq: 16 Aug 2022 11:13

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20220810

Tgt Ion:244 Resp: 2891988
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 12.8 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2242
 Delta R.T. 0.006 min
 Lab File: BF129804.D
 Acq: 16 Aug 2022 11:13

Tgt Ion:264 Resp: 427554
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.2 16.7 25.1

