

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129909.D
 Acq On : 19 Aug 2022 13:34
 Operator : CG\JU
 Sample : N4227-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Aug 20 07:43:14 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	110863	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	433674	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	216186	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	314004	20.000	ng	0.00
76) Chrysene-d12	13.974	240	203898	20.000	ng	0.00
86) Perylene-d12	15.439	264	254528	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	623163	93.067	ng	0.00
7) Phenol-d6	6.445	99	765975	91.350	ng	0.00
23) Nitrobenzene-d5	7.357	82	486834	60.094	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	169435	78.090	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	905339	63.604	ng	0.00
79) Terphenyl-d14	12.910	244	684098	55.827	ng	0.00

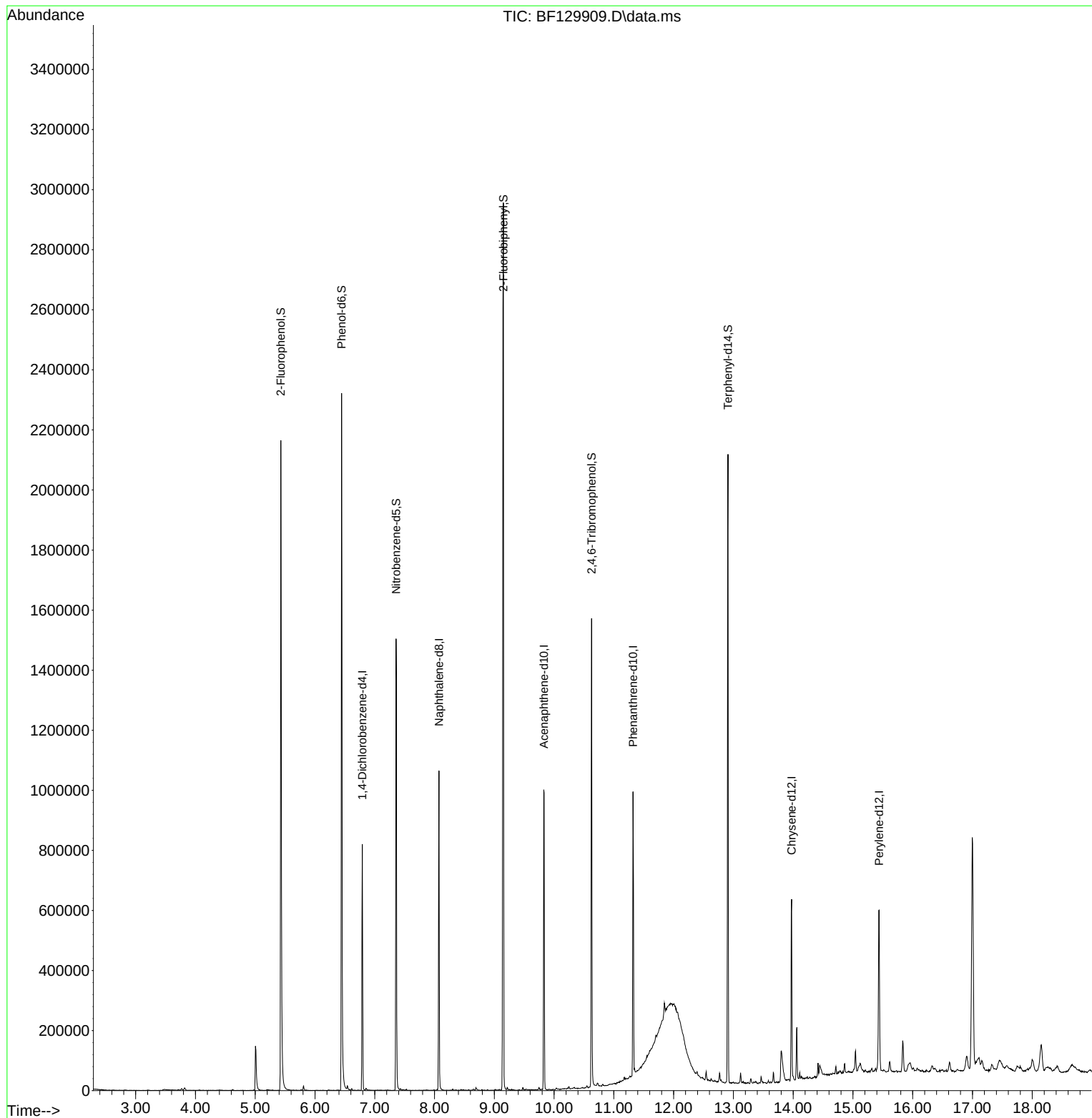
Target Compounds	Qvalue

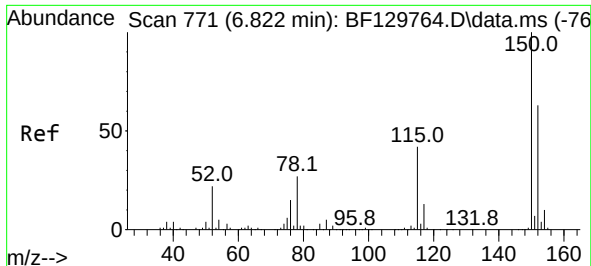
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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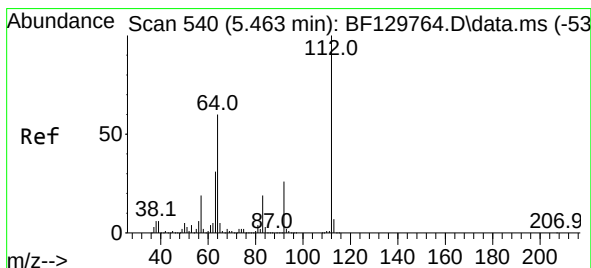
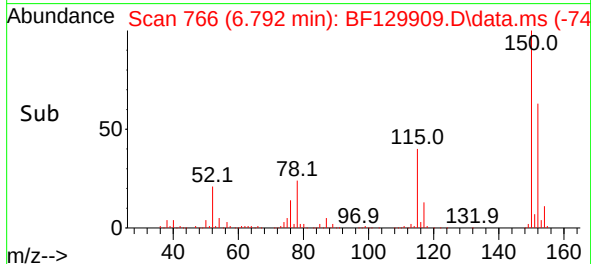
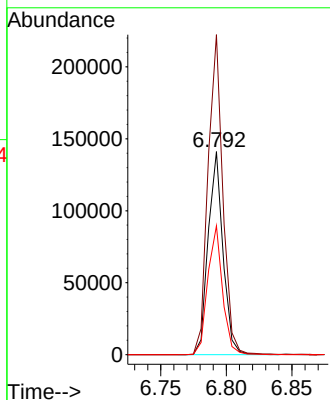
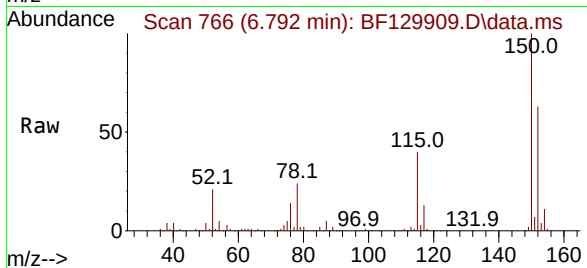




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF129909.D
Acq: 19 Aug 2022 13:34

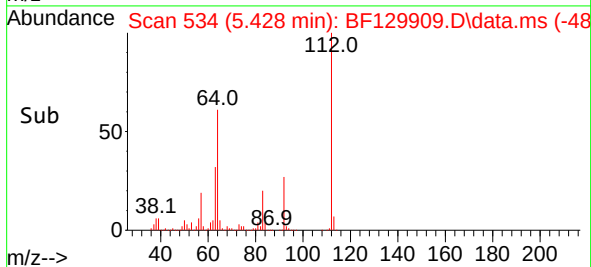
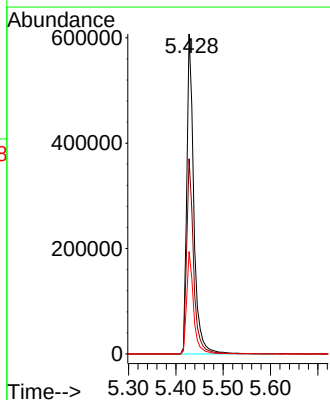
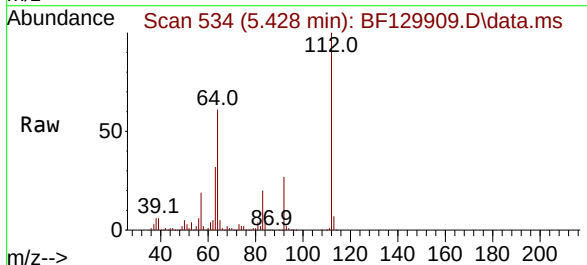
Instrument :
BNA_F
ClientSampleId :
SP-3

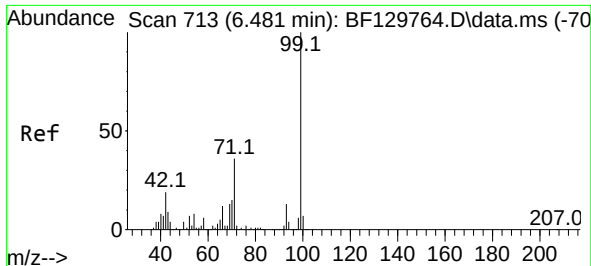
Tgt Ion:152 Resp: 110863
Ion Ratio Lower Upper
152 100
150 157.6 126.9 190.3
115 63.4 53.4 80.0



#5
2-Fluorophenol
Concen: 93.067 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129909.D
Acq: 19 Aug 2022 13:34

Tgt Ion:112 Resp: 623163
Ion Ratio Lower Upper
112 100
64 61.0 47.6 71.4
63 32.0 24.6 37.0

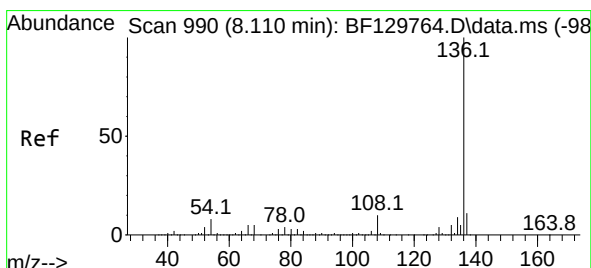
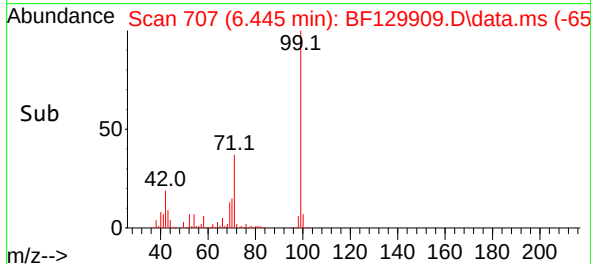
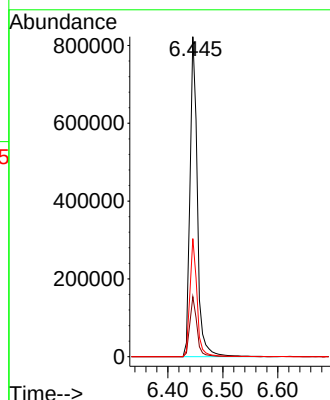
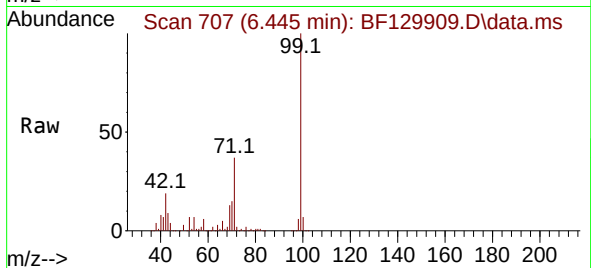




#7
Phenol-d6
Concen: 91.350 ng
RT: 6.445 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129909.D
Acq: 19 Aug 2022 13:34

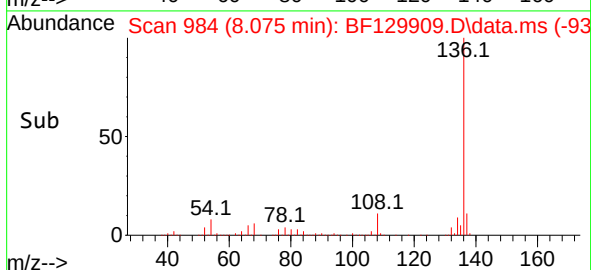
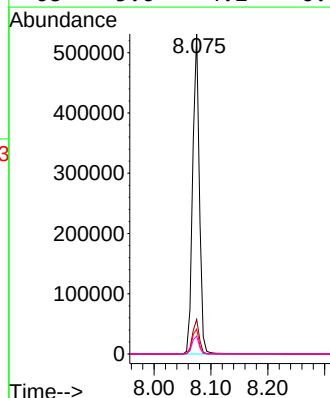
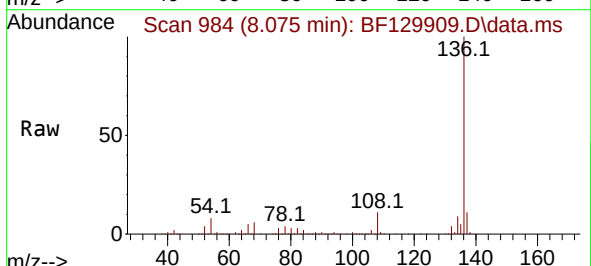
Instrument :
BNA_F
ClientSampleId :
SP-3

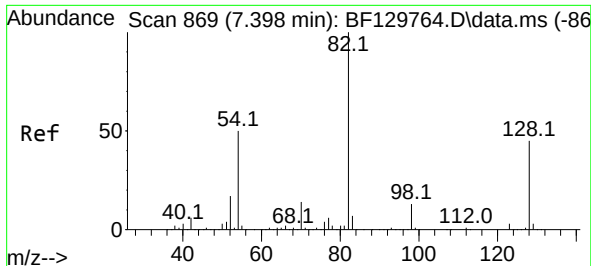
Tgt Ion: 99 Resp: 765975
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 36.9 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129909.D
Acq: 19 Aug 2022 13:34

Tgt Ion: 136 Resp: 433674
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.8 6.2 9.2
68 5.6 4.2 6.4

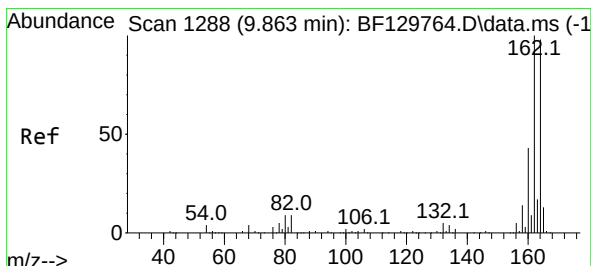
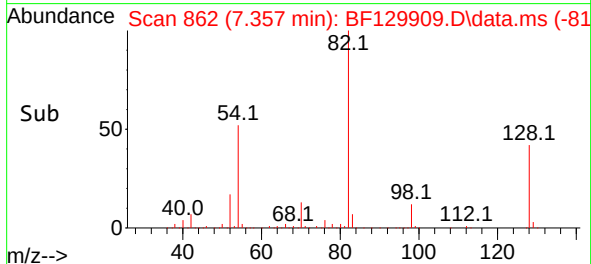
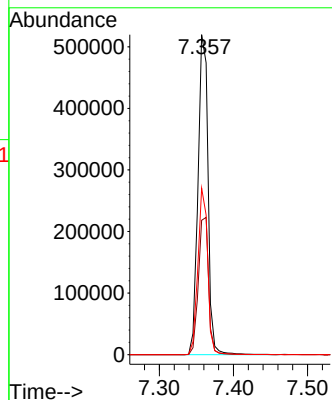
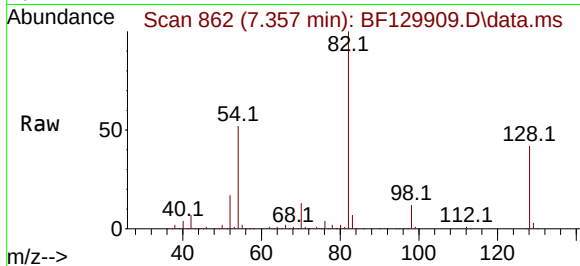




#23
 Nitrobenzene-d5
 Concen: 60.094 ng
 RT: 7.357 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF129909.D
 Acq: 19 Aug 2022 13:34

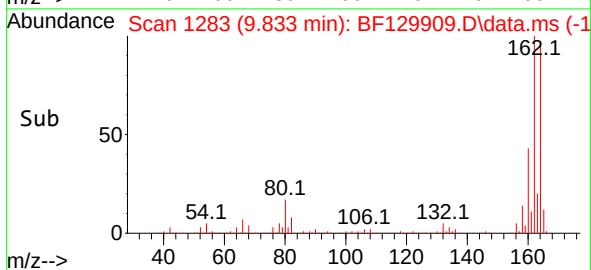
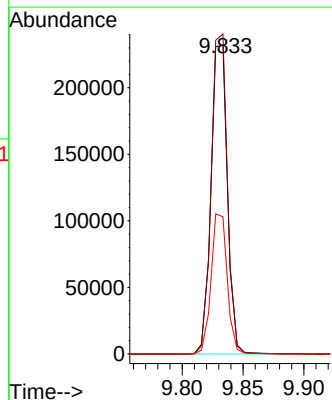
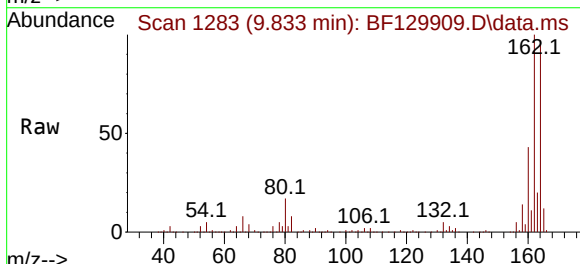
Instrument :
 BNA_F
 ClientSampleId :
 SP-3

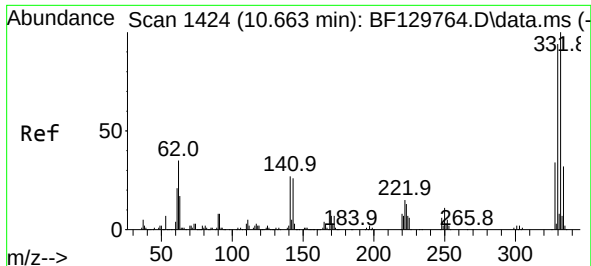
Tgt Ion: 82 Resp: 486834
 Ion Ratio Lower Upper
 82 100
 128 42.0 36.1 54.1
 54 52.1 40.0 60.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.833 min Scan# 1283
 Delta R.T. 0.000 min
 Lab File: BF129909.D
 Acq: 19 Aug 2022 13:34

Tgt Ion:164 Resp: 216186
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.0 123.0
 160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 78.090 ng

RT: 10.628 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129909.D

Acq: 19 Aug 2022 13:34

Instrument :

BNA_F

ClientSampleId :

SP-3

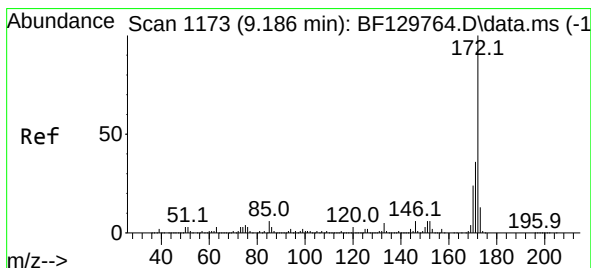
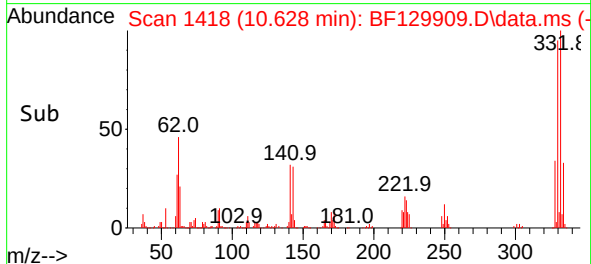
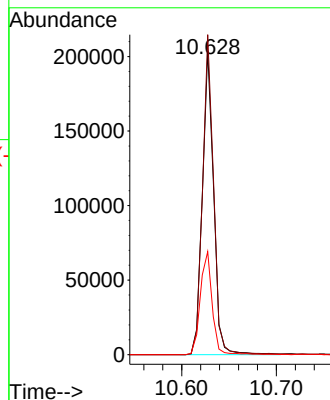
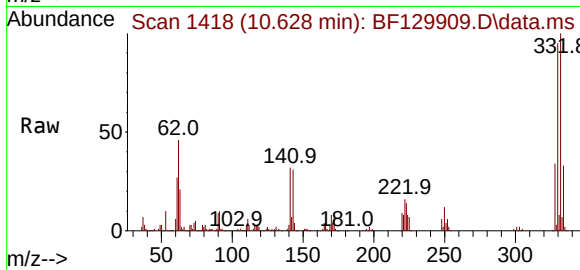
Tgt Ion:330 Resp: 169435

Ion Ratio Lower Upper

330 100

332 103.3 82.6 124.0

141 35.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 63.604 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129909.D

Acq: 19 Aug 2022 13:34

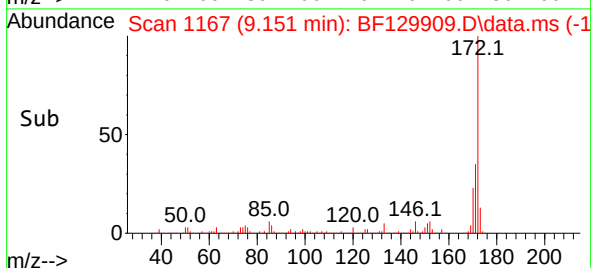
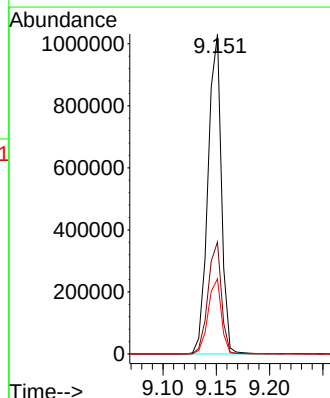
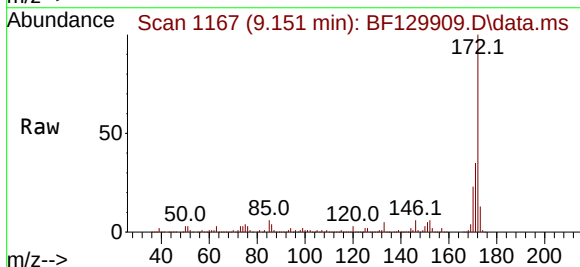
Tgt Ion:172 Resp: 905339

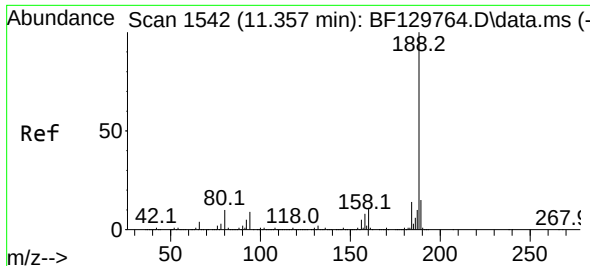
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.5 19.1 28.7

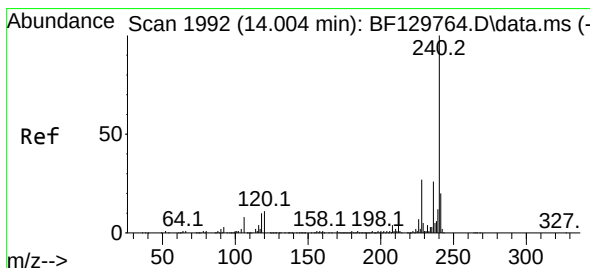
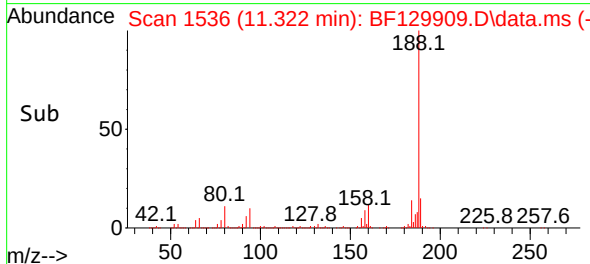
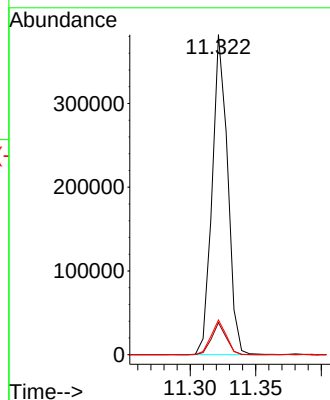
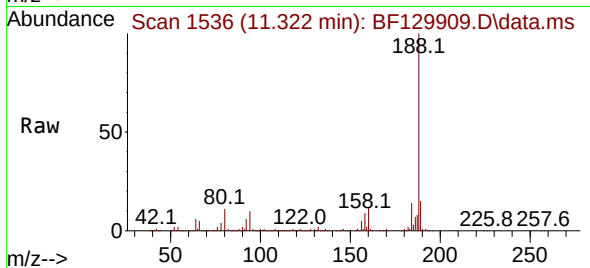




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129909.D
Acq: 19 Aug 2022 13:34

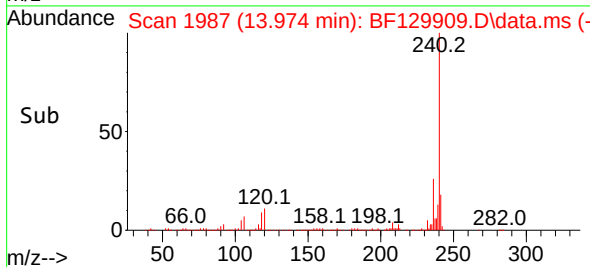
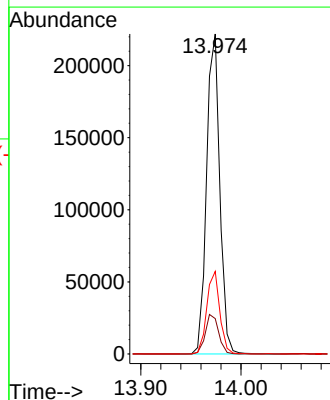
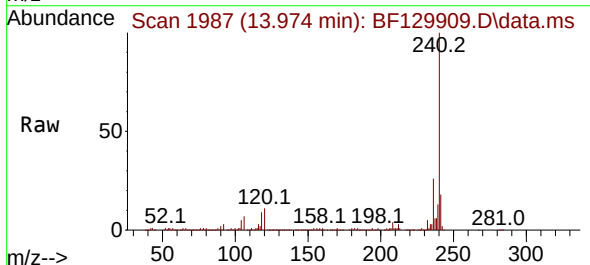
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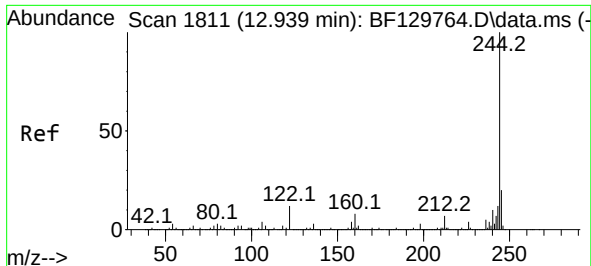
Tgt Ion:188 Resp: 314004
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BF129909.D
Acq: 19 Aug 2022 13:34

Tgt Ion:240 Resp: 203898
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.8 20.7 31.1

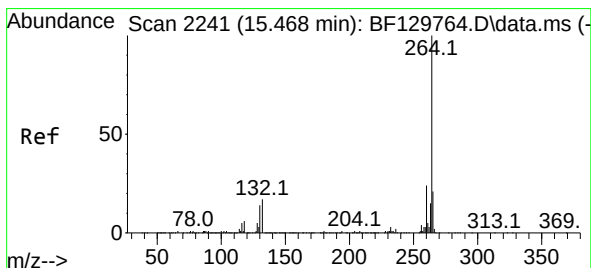
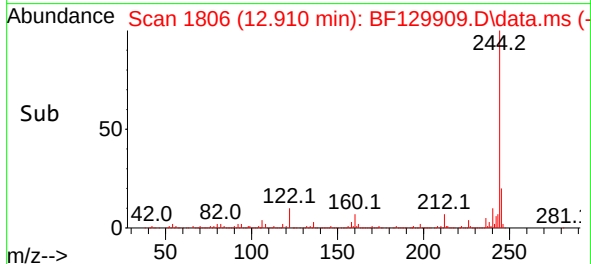
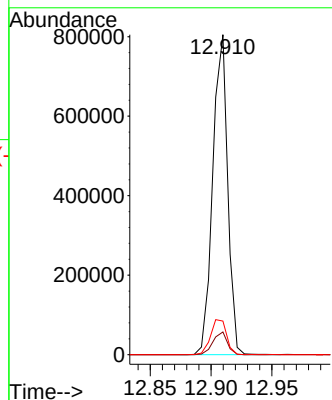
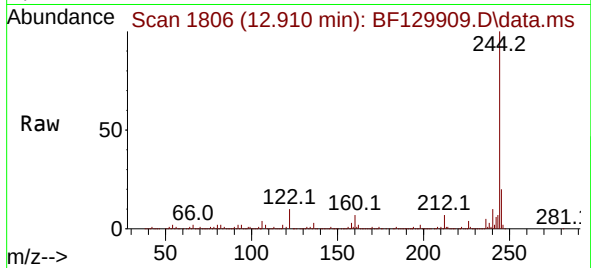




#79
Terphenyl-d14
Concen: 55.827 ng
RT: 12.910 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF129909.D
Acq: 19 Aug 2022 13:34

Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:244 Resp: 684098
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.5 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2236
Delta R.T. 0.012 min
Lab File: BF129909.D
Acq: 19 Aug 2022 13:34

Tgt Ion:264 Resp: 254528
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 20.4 16.7 25.1

