

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129962.D
 Acq On : 23 Aug 2022 20:17
 Operator : CG\JU
 Sample : N4272-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124055

Quant Time: Aug 24 01:59:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	144247	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	580406	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	311788	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	512421	20.000	ng	0.00
76) Chrysene-d12	13.945	240	283285	20.000	ng	0.00
86) Perylene-d12	15.404	264	237285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	237406	27.250	ng	0.00
7) Phenol-d6	6.434	99	297944	27.309	ng	0.00
23) Nitrobenzene-d5	7.340	82	186416	17.193	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	74014	23.652	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	296763	14.456	ng	0.00
79) Terphenyl-d14	12.880	244	267024	15.684	ng	0.00

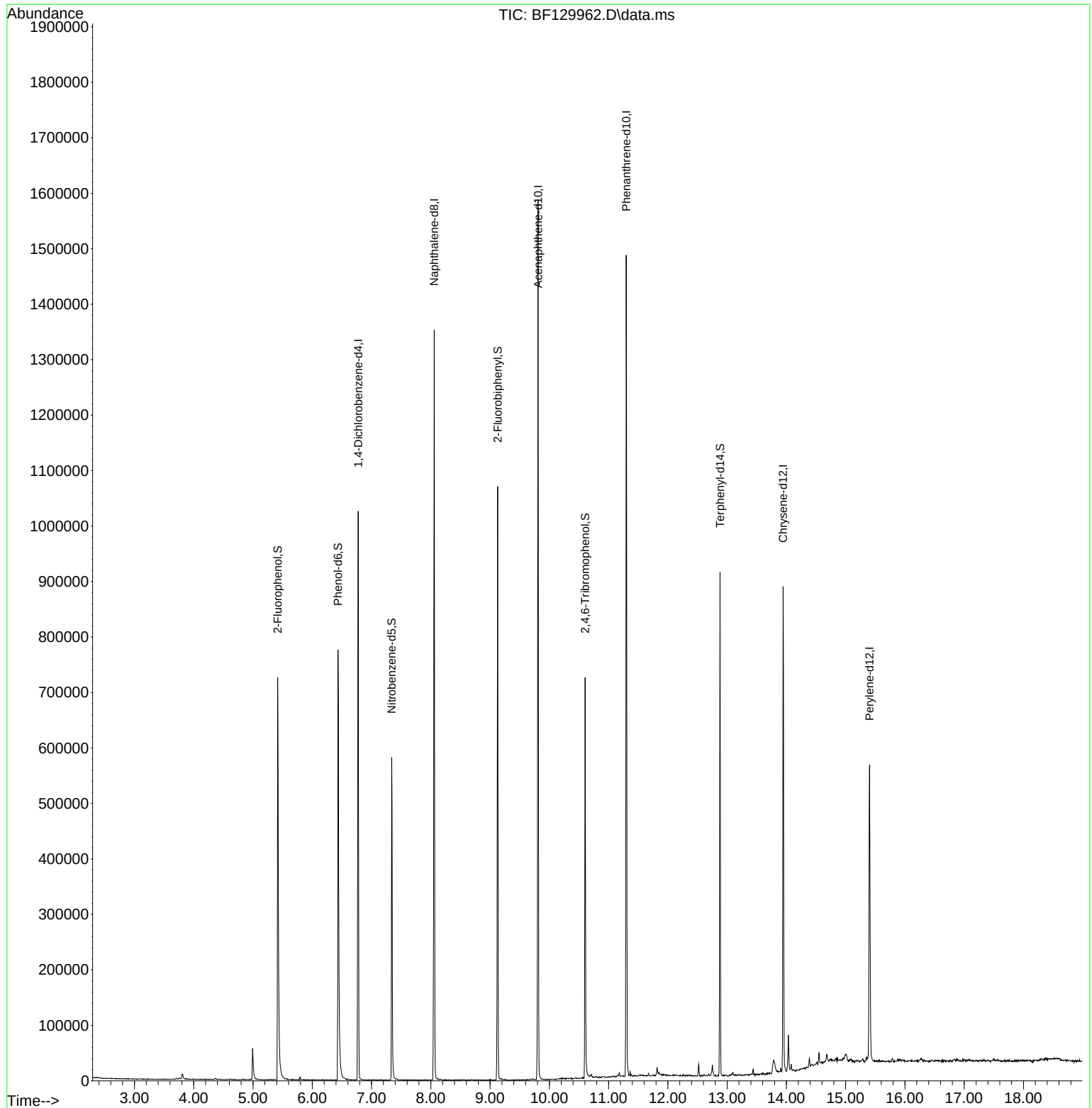
Target Compounds	Qvalue

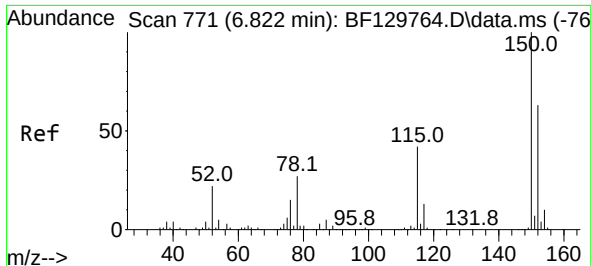
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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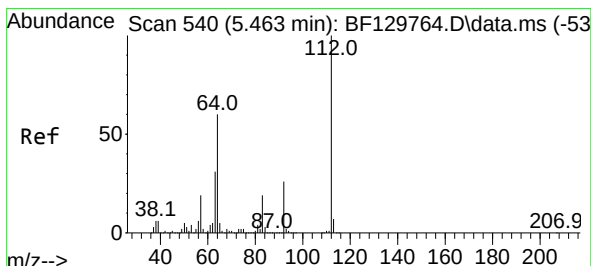
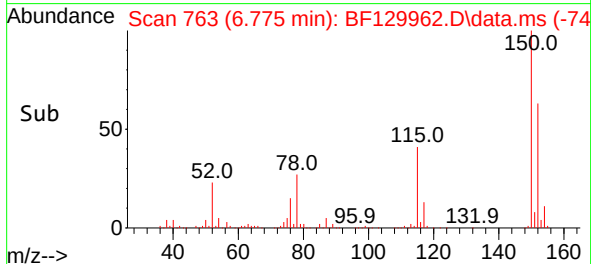
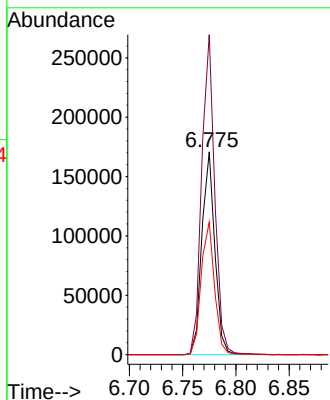
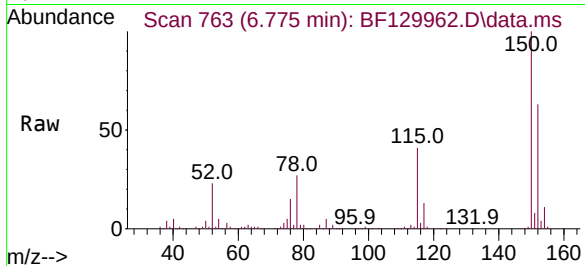




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

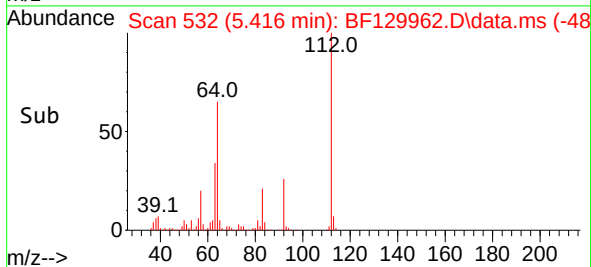
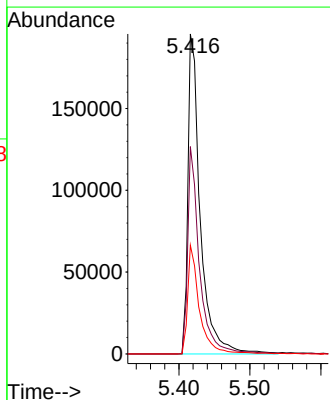
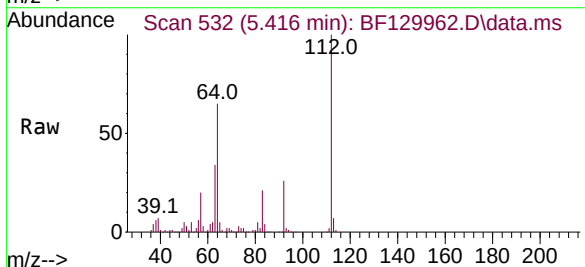
Instrument :
BNA_F
ClientSampleId :
PSC-124055

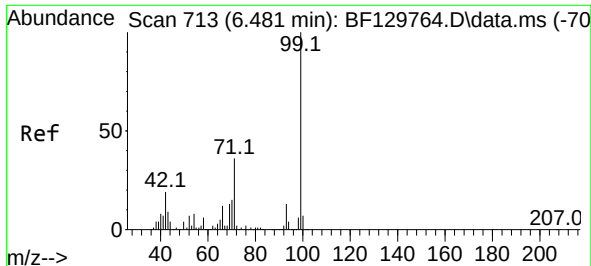
Tgt Ion:152 Resp: 144247
Ion Ratio Lower Upper
152 100
150 157.8 126.9 190.3
115 65.4 53.4 80.0



#5
2-Fluorophenol
Concen: 27.250 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.006 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

Tgt Ion:112 Resp: 237406
Ion Ratio Lower Upper
112 100
64 64.8 47.6 71.4
63 34.0 24.6 37.0

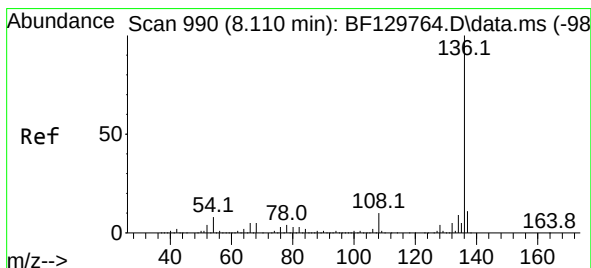
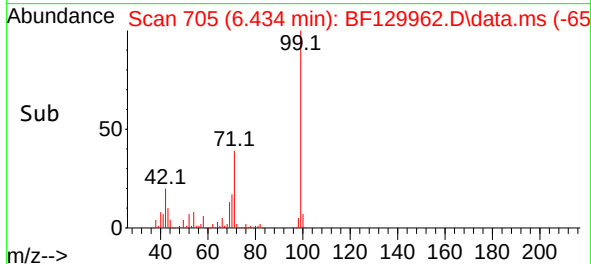
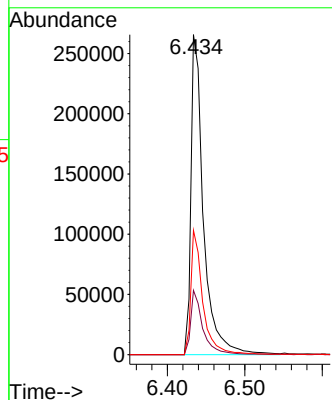
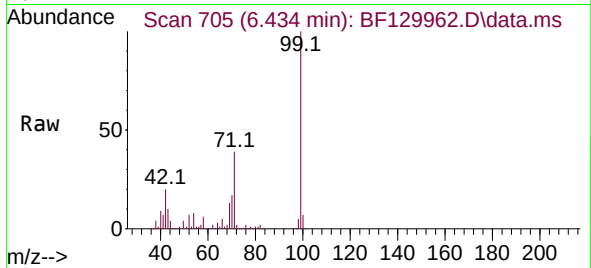




#7
Phenol-d6
Concen: 27.309 ng
RT: 6.434 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

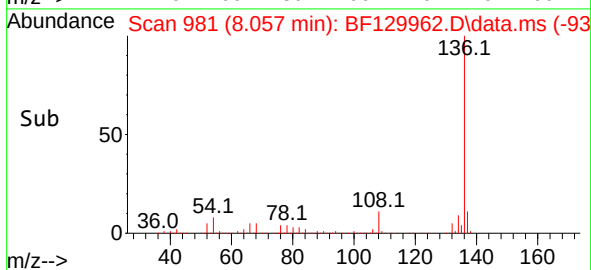
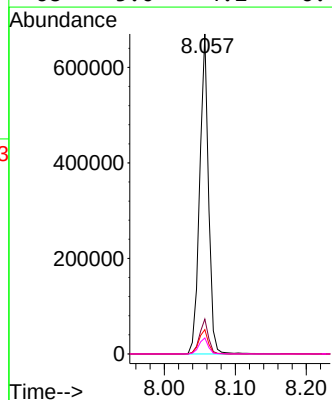
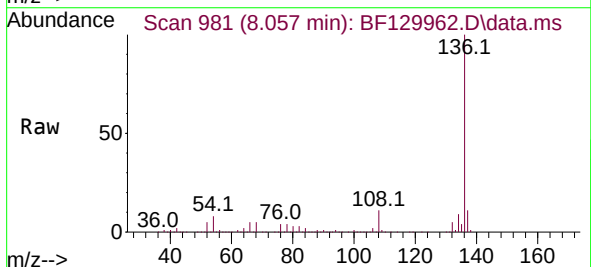
Instrument :
BNA_F
ClientSampleId :
PSC-124055

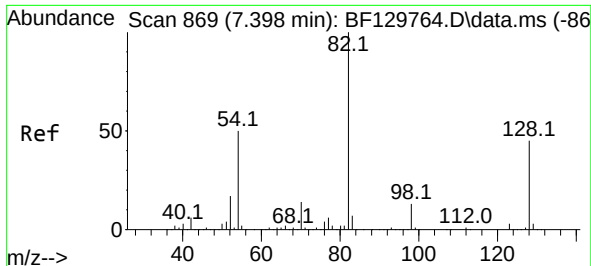
Tgt Ion: 99 Resp: 297944
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 38.8 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

Tgt Ion: 136 Resp: 580406
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.6 6.2 9.2
68 5.0 4.2 6.4





#23

Nitrobenzene-d5

Concen: 17.193 ng

RT: 7.340 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129962.D

Acq: 23 Aug 2022 20:17

Instrument :

BNA_F

ClientSampleId :

PSC-124055

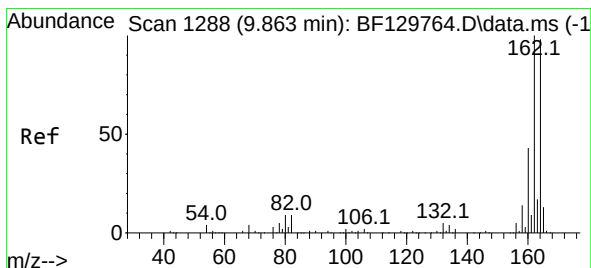
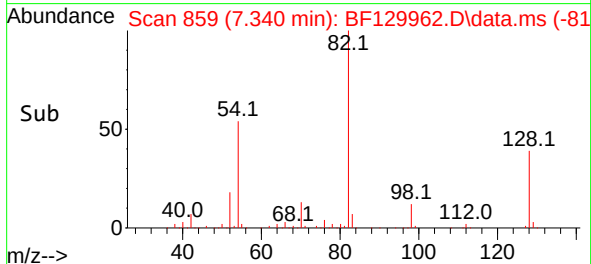
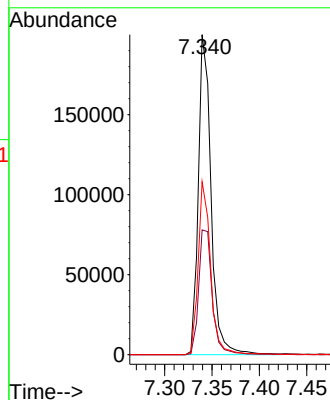
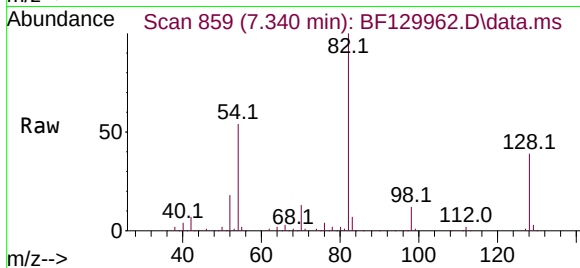
Tgt Ion: 82 Resp: 186416

Ion Ratio Lower Upper

82 100

128 39.0 36.1 54.1

54 54.0 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF129962.D

Acq: 23 Aug 2022 20:17

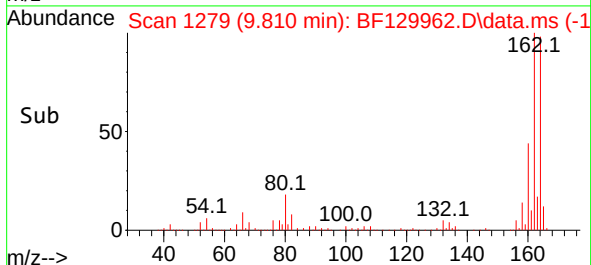
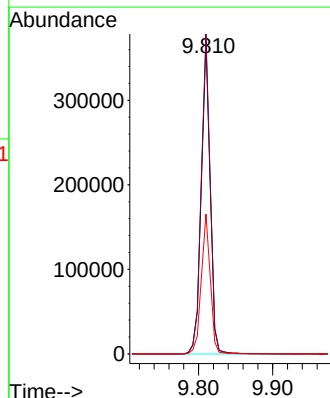
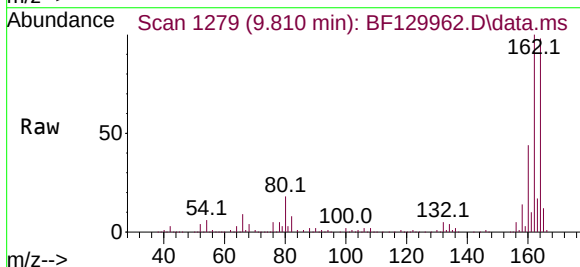
Tgt Ion:164 Resp: 311788

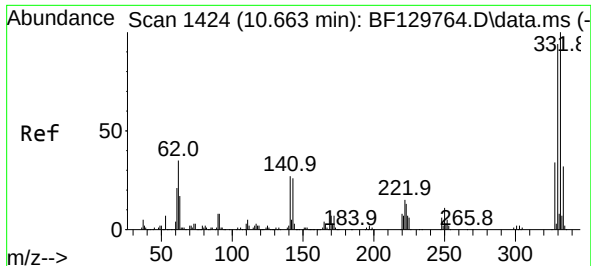
Ion Ratio Lower Upper

164 100

162 102.2 82.0 123.0

160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 23.652 ng

RT: 10.604 min Scan# 1414

Delta R.T. -0.006 min

Lab File: BF129962.D

Acq: 23 Aug 2022 20:17

Instrument :

BNA_F

ClientSampleId :

PSC-124055

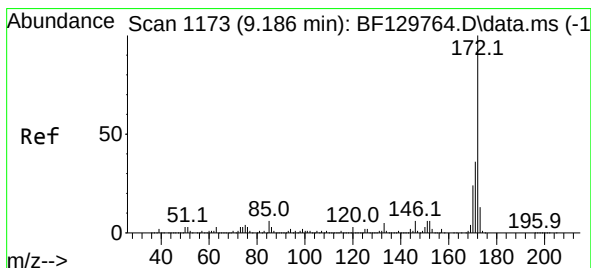
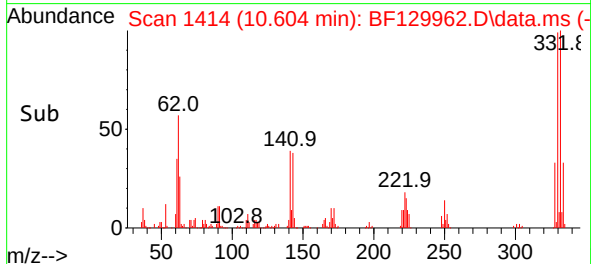
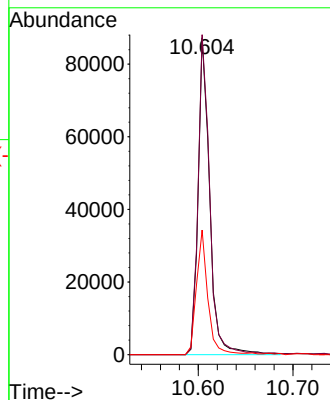
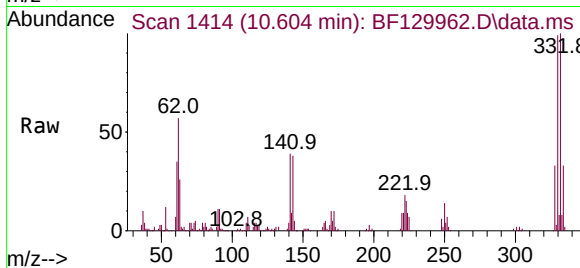
Tgt Ion:330 Resp: 74014

Ion Ratio Lower Upper

330 100

332 101.7 82.6 124.0

141 38.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 14.456 ng

RT: 9.128 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF129962.D

Acq: 23 Aug 2022 20:17

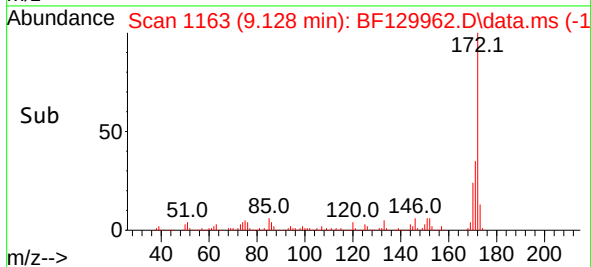
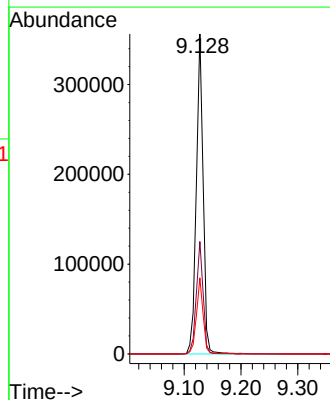
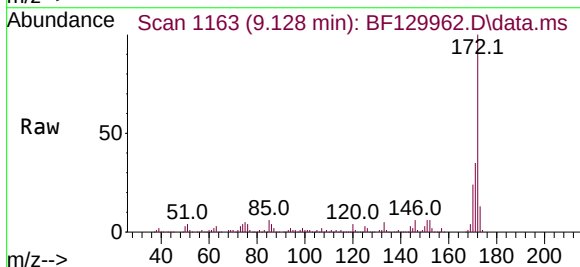
Tgt Ion:172 Resp: 296763

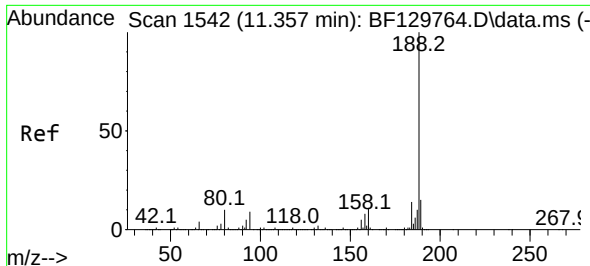
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.8 19.1 28.7

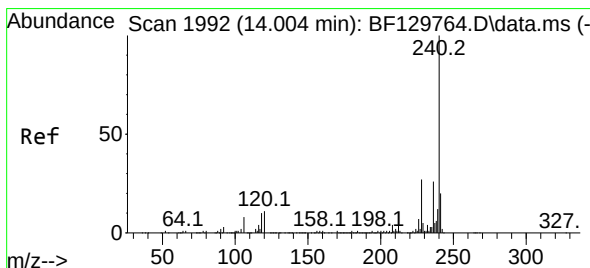
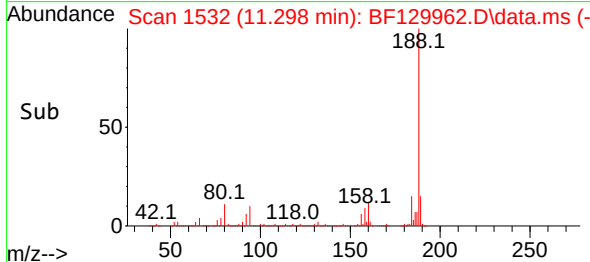
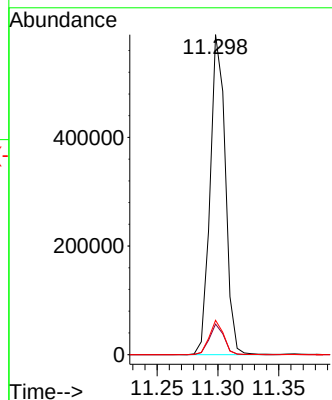
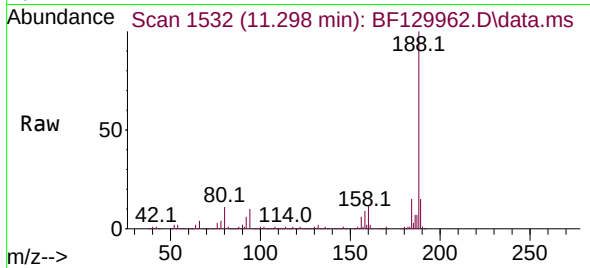




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

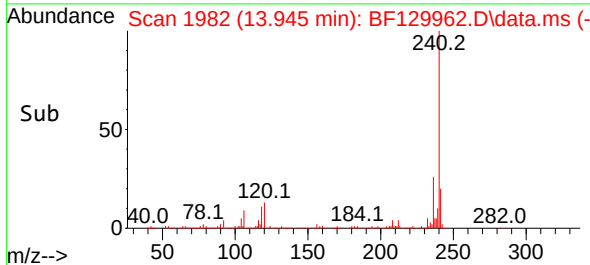
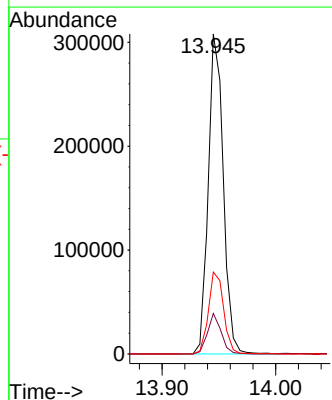
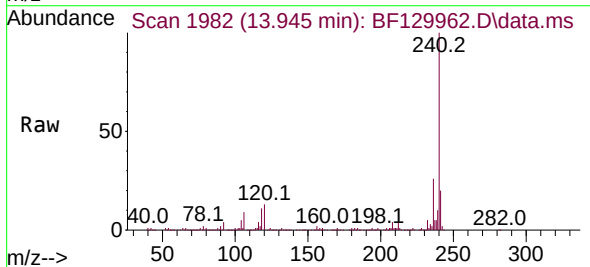
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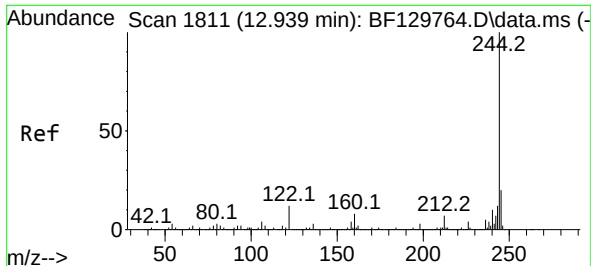
Tgt Ion:188 Resp: 512421
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

Tgt Ion:240 Resp: 283285
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.6 20.7 31.1

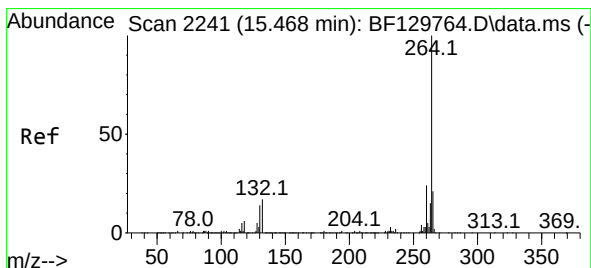
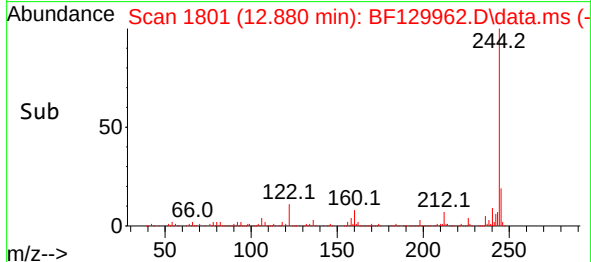
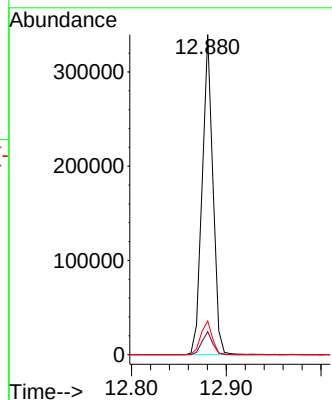
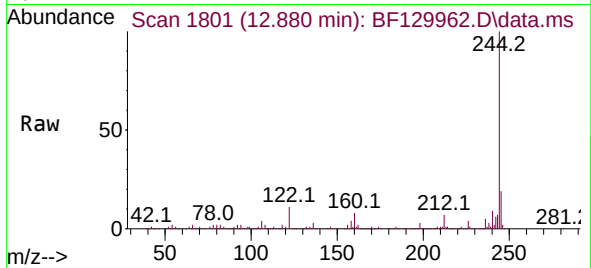




#79
 Terphenyl-d14
 Concen: 15.684 ng
 RT: 12.880 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF129962.D
 Acq: 23 Aug 2022 20:17

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124055

Tgt Ion:244 Resp: 267024
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2230
 Delta R.T. 0.006 min
 Lab File: BF129962.D
 Acq: 23 Aug 2022 20:17

Tgt Ion:264 Resp: 237285
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 20.7 16.7 25.1

