

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129349.D
 Acq On : 26 Jul 2022 11:46
 Operator : CG\JU
 Sample : N3839-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Jul 27 00:38:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	229940	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	913414	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	487321	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	840358	20.000	ng	0.00
76) Chrysene-d12	14.057	240	478992	20.000	ng	#-0.01
86) Perylene-d12	15.545	264	381863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	893047	63.267	ng	0.00
7) Phenol-d6	6.504	99	686345	38.684	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1632270	97.550	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	640181	136.638	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2686874	85.292	ng	0.00
79) Terphenyl-d14	13.004	244	2753817	108.463	ng	0.00

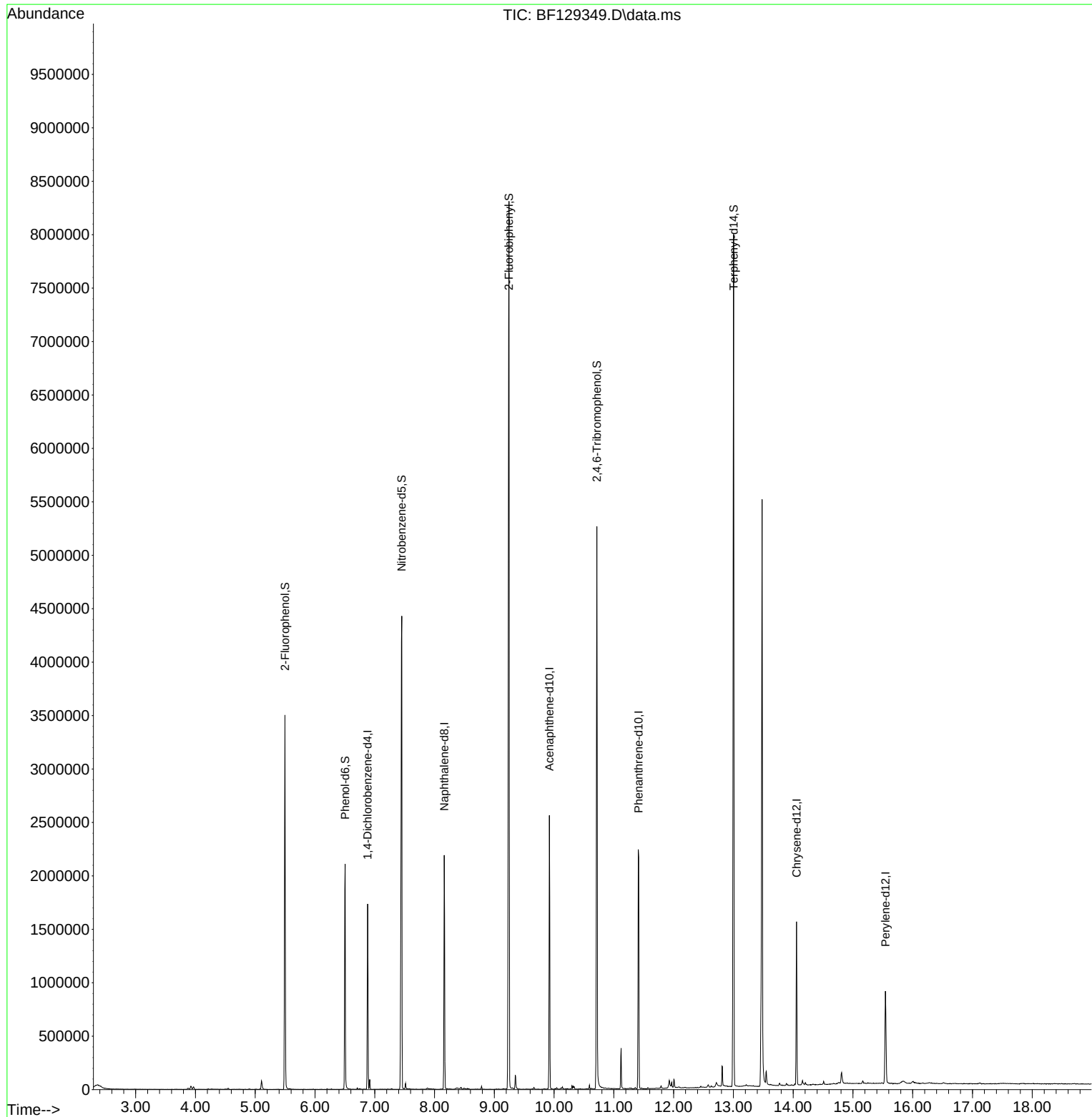
Target Compounds	Qvalue

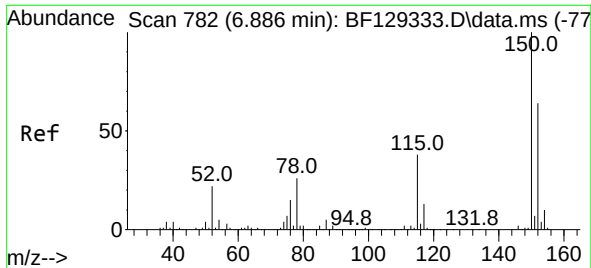
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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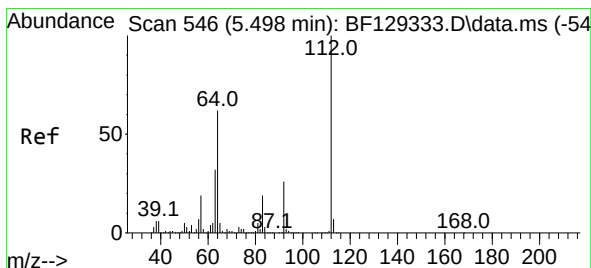
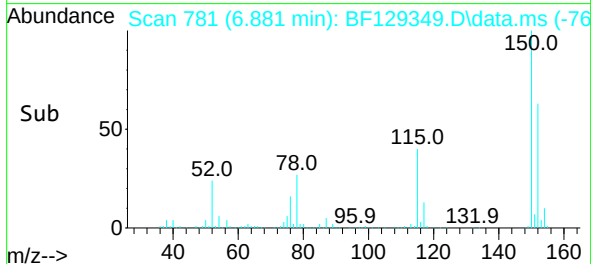
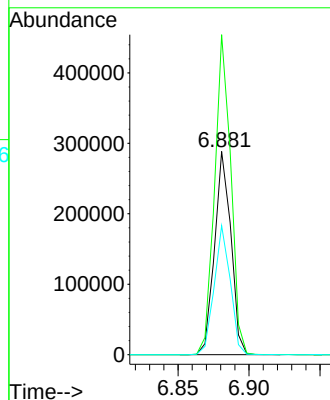
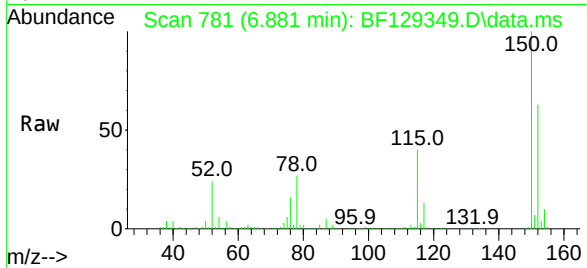




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 781
Delta R.T. -0.005 min
Lab File: BF129349.D
Acq: 26 Jul 2022 11:46

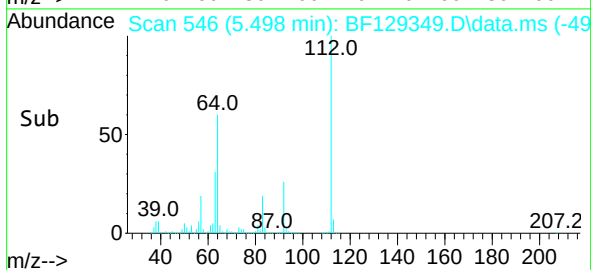
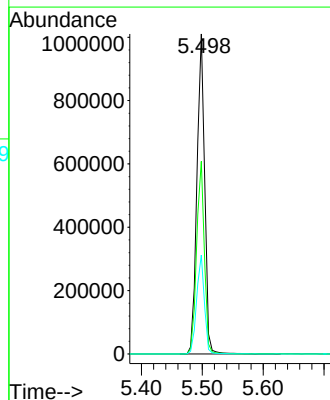
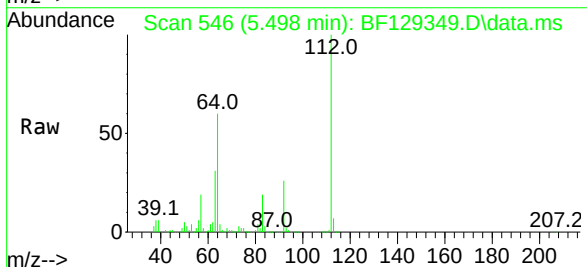
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

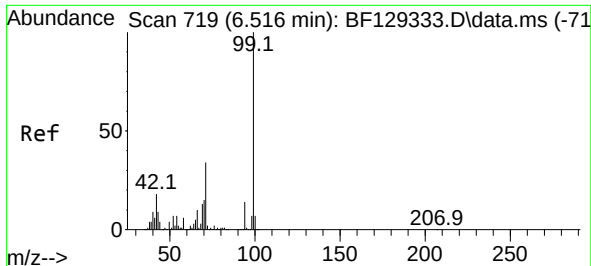
Tgt Ion:152 Resp: 229940
Ion Ratio Lower Upper
152 100
150 157.5 123.7 185.5
115 63.5 49.9 74.9



#5
2-Fluorophenol
Concen: 63.267 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.000 min
Lab File: BF129349.D
Acq: 26 Jul 2022 11:46

Tgt Ion:112 Resp: 893047
Ion Ratio Lower Upper
112 100
64 60.2 53.3 79.9
63 30.9 28.0 42.0





#7

Phenol-d6

Concen: 38.684 ng

RT: 6.504 min Scan# 719

Delta R.T. -0.012 min

Lab File: BF129349.D

Acq: 26 Jul 2022 11:46

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

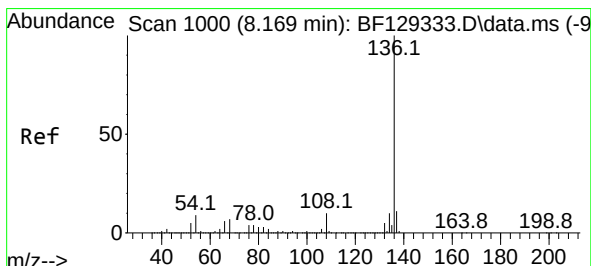
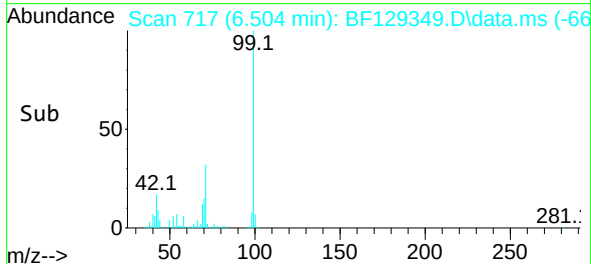
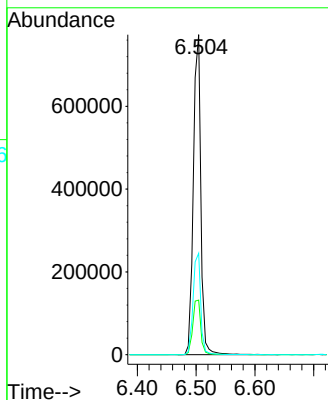
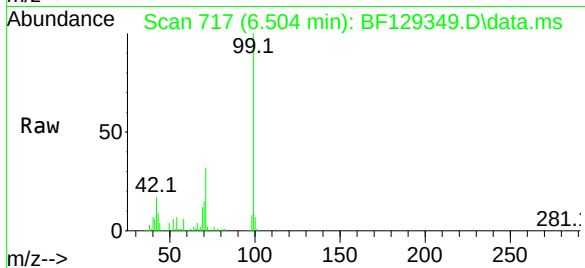
Tgt Ion: 99 Resp: 686345

Ion Ratio Lower Upper

99 100

42 17.1 17.3 25.9#

71 31.7 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF129349.D

Acq: 26 Jul 2022 11:46

Tgt Ion:136 Resp: 913414

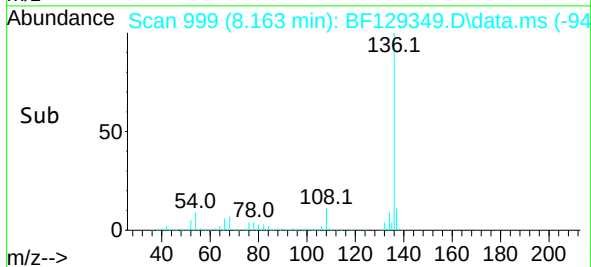
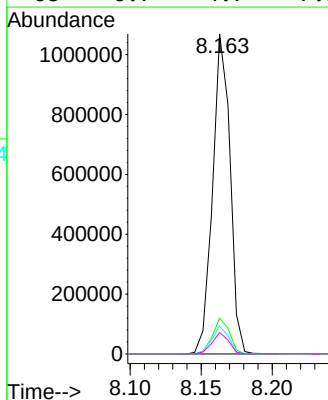
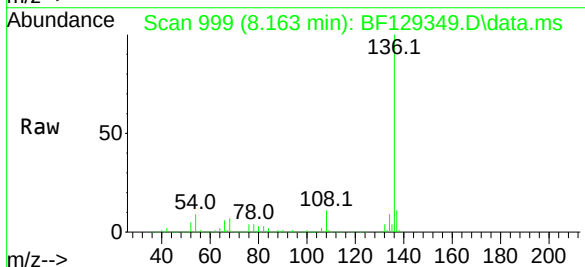
Ion Ratio Lower Upper

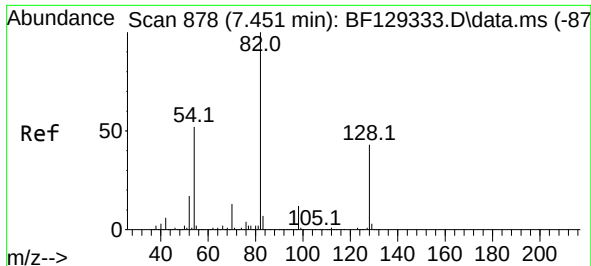
136 100

137 11.2 8.8 13.2

54 8.7 7.5 11.3

68 6.7 4.7 7.1





#23

Nitrobenzene-d5

Concen: 97.550 ng

RT: 7.451 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF129349.D

Acq: 26 Jul 2022 11:46

Instrument :

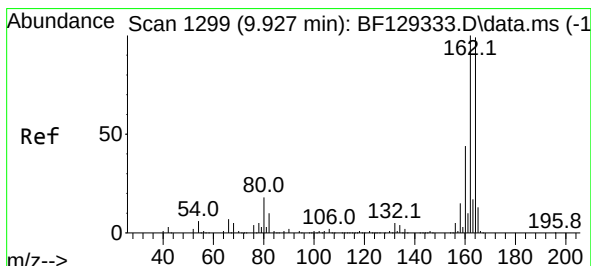
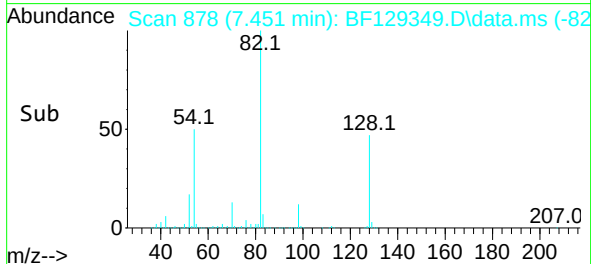
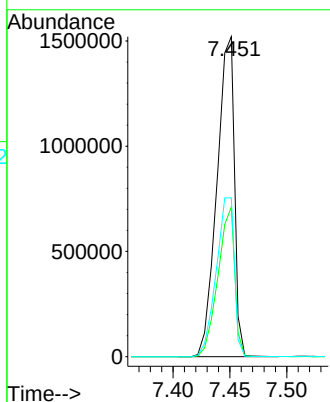
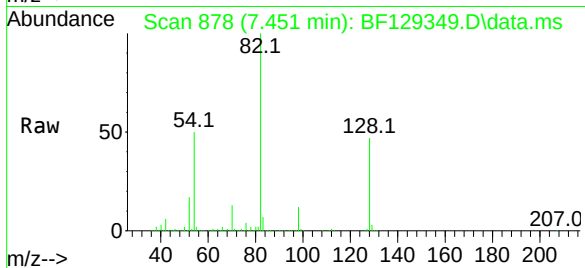
BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 1632270

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	49.6	46.9	70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1298

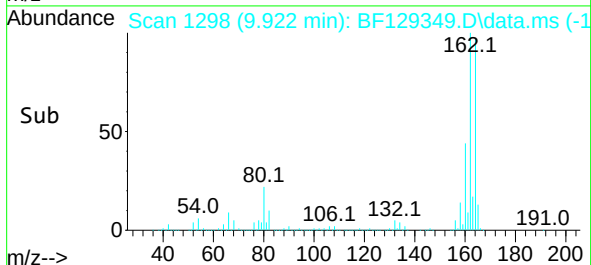
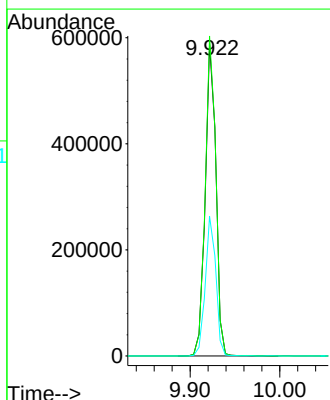
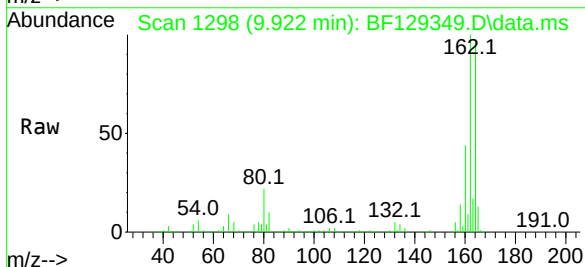
Delta R.T. -0.006 min

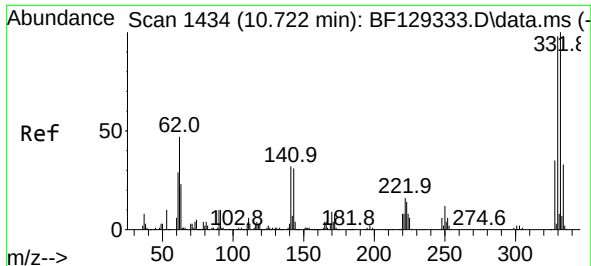
Lab File: BF129349.D

Acq: 26 Jul 2022 11:46

Tgt Ion: 164 Resp: 487321

Ion	Ratio	Lower	Upper
164	100		
162	102.7	79.5	119.3
160	44.8	34.2	51.4





#42

2,4,6-Tribromophenol

Concen: 136.638 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129349.D

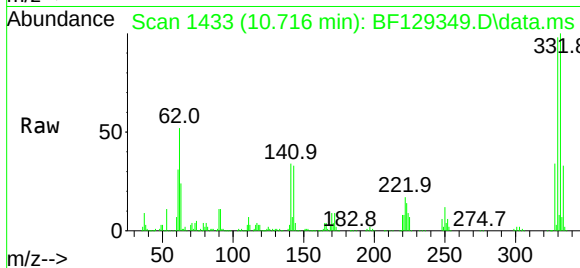
Acq: 26 Jul 2022 11:46

Instrument :

BNA_F

ClientSampleId :

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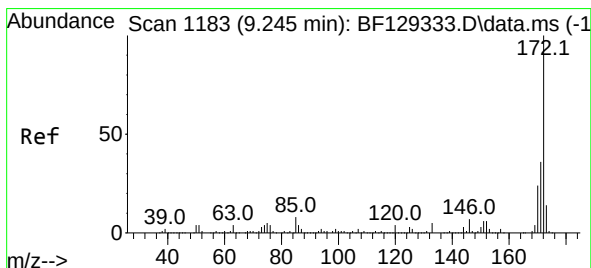
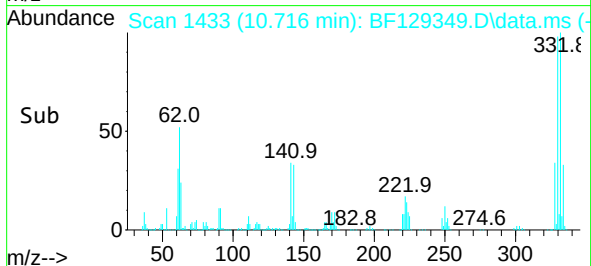
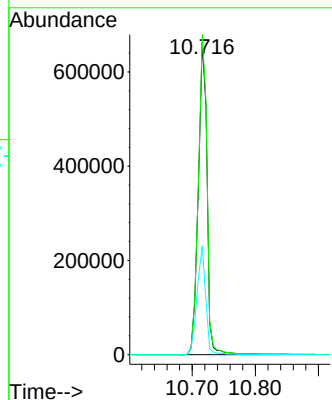
Tgt Ion:330 Resp: 640181

Ion Ratio Lower Upper

330 100

332 102.4 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 85.292 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129349.D

Acq: 26 Jul 2022 11:46

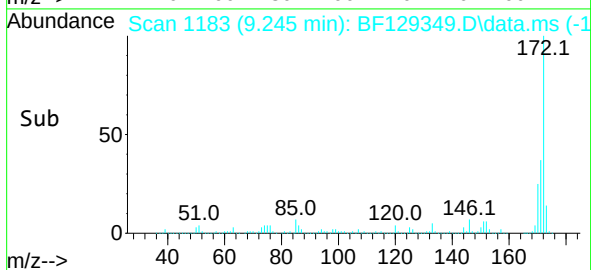
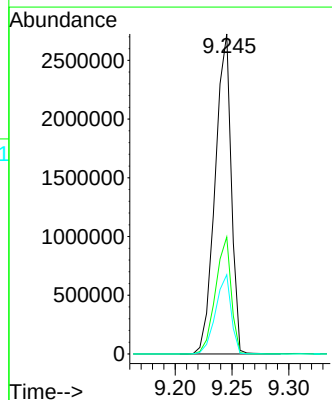
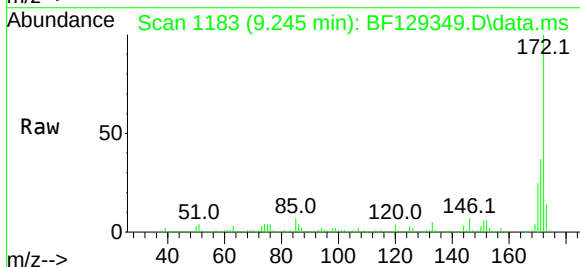
Tgt Ion:172 Resp: 2686874

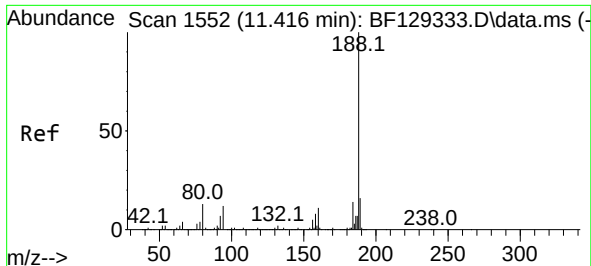
Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.8 19.8 29.8

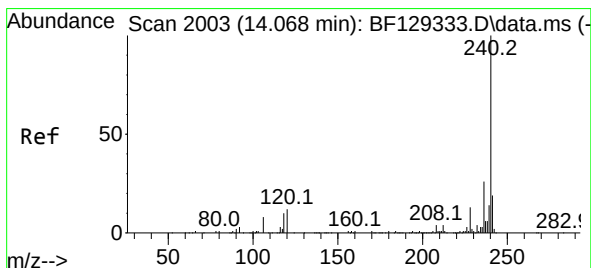
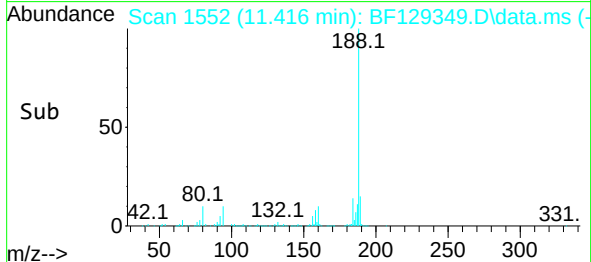
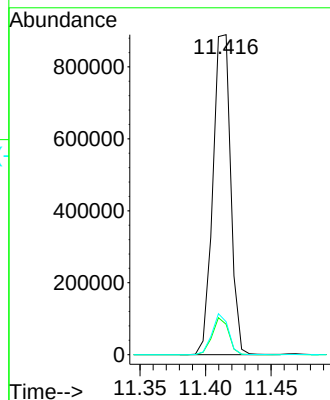
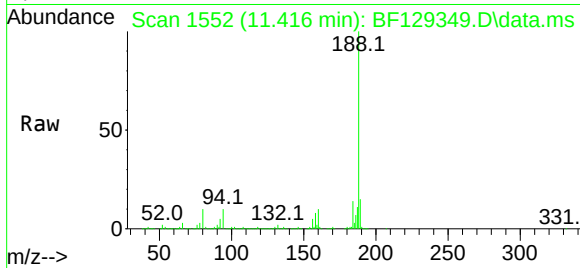




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129349.D
Acq: 26 Jul 2022 11:46

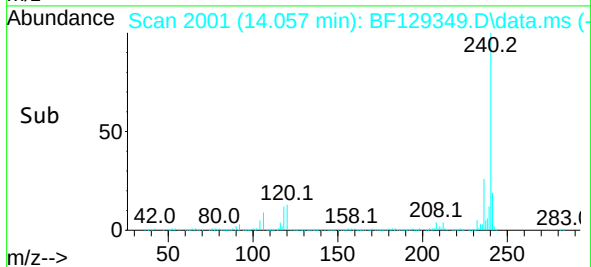
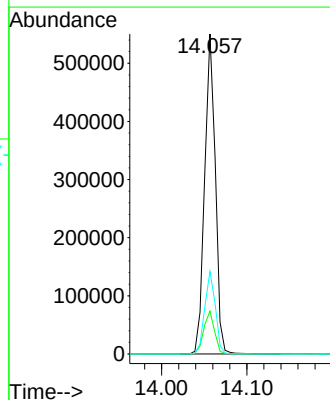
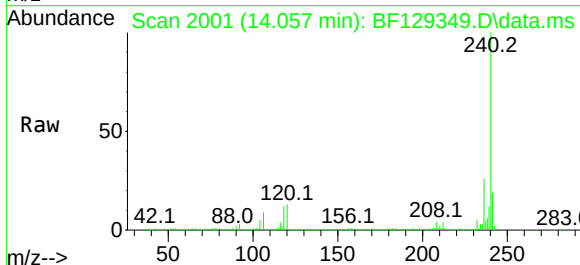
Instrument :
BNA_F
ClientSampleId :
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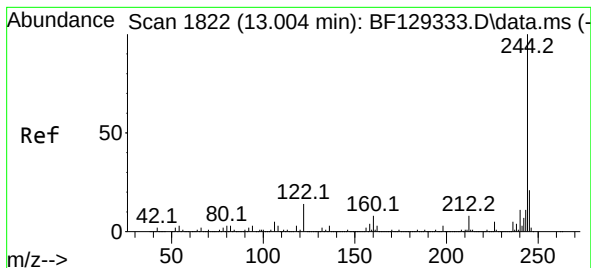
Tgt Ion:188 Resp: 840358
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129349.D
Acq: 26 Jul 2022 11:46

Tgt Ion:240 Resp: 478992
Ion Ratio Lower Upper
240 100
120 13.4 8.9 13.3#
236 25.8 20.8 31.2





#79

Terphenyl-d14

Concen: 108.463 ng

RT: 13.004 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129349.D

Acq: 26 Jul 2022 11:46

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

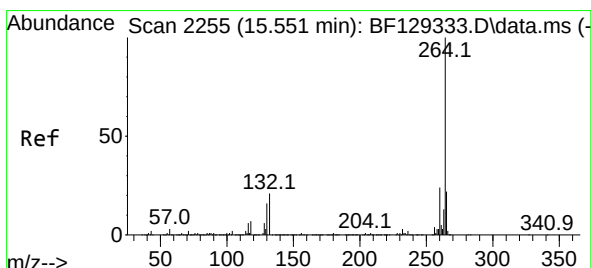
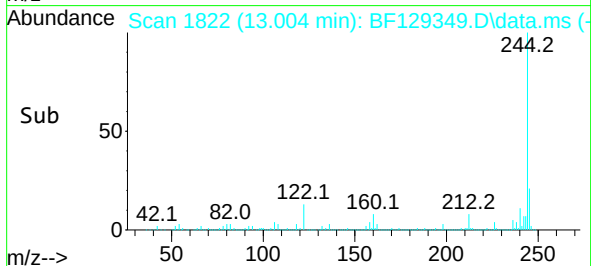
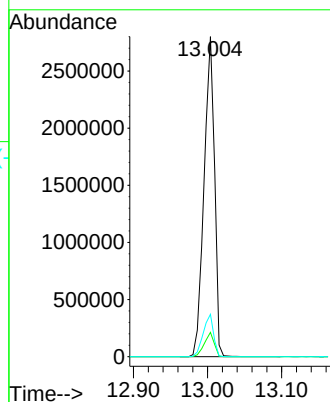
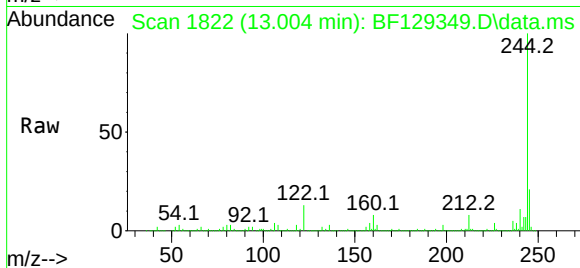
Tgt Ion:244 Resp: 2753817

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 13.2 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2254

Delta R.T. -0.006 min

Lab File: BF129349.D

Acq: 26 Jul 2022 11:46

Tgt Ion:264 Resp: 381863

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 21.5 17.2 25.8

