

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129353.D
 Acq On : 26 Jul 2022 13:55
 Operator : CG\JU
 Sample : N3840-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-4-TW

Quant Time: Jul 27 00:39:22 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	228310	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	923310	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	493634	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	813489	20.000	ng	0.00
76) Chrysene-d12	14.057	240	430410	20.000	ng	-0.01
86) Perylene-d12	15.551	264	386857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	885314	63.167	ng	0.00
7) Phenol-d6	6.504	99	692809	39.327	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1527416	90.305	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	640017	134.856	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2563014	80.320	ng	0.00
79) Terphenyl-d14	13.004	244	2496890	109.444	ng	0.00

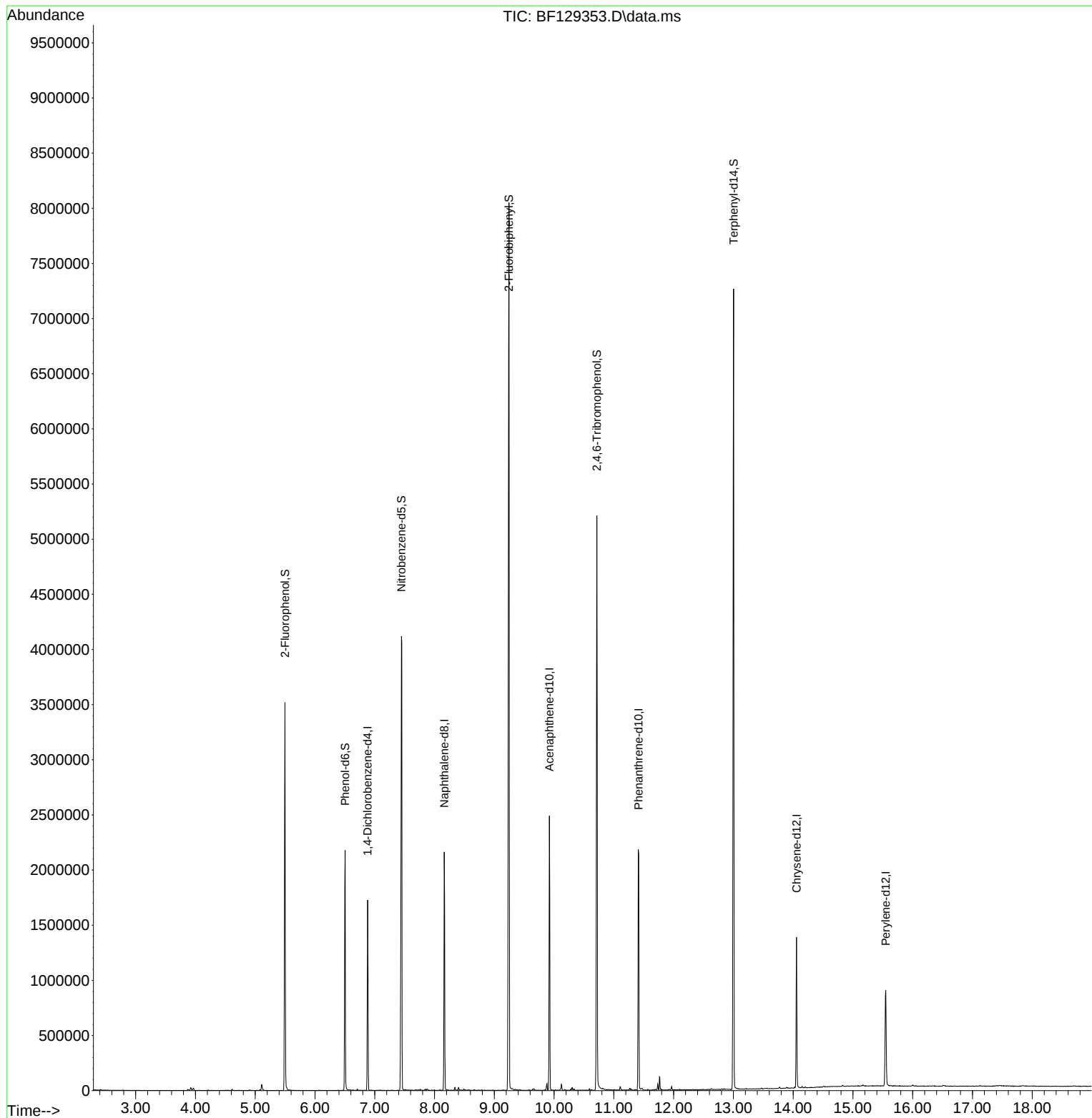
Target Compounds	Qvalue

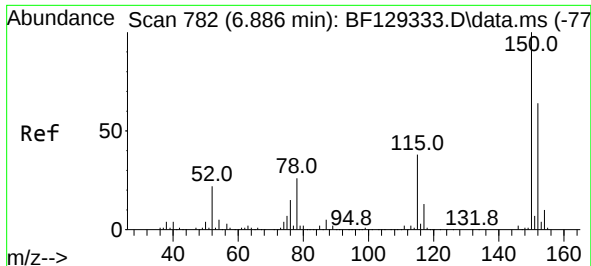
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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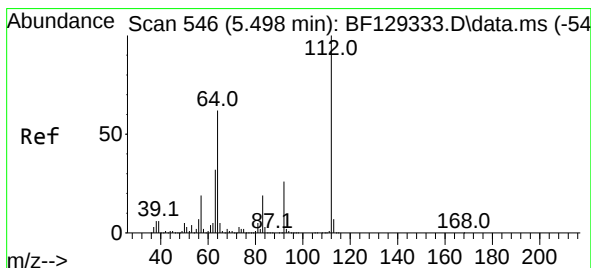
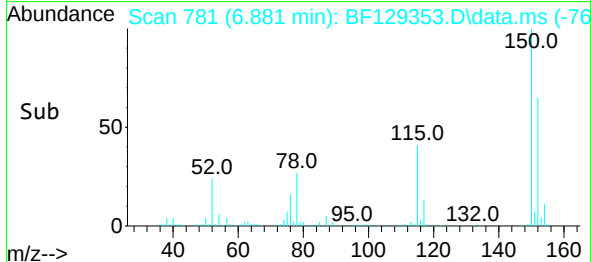
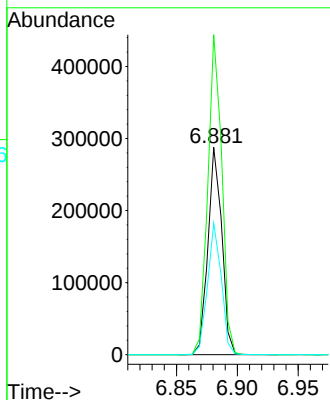
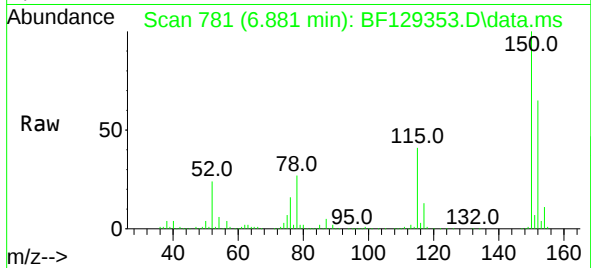




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 782
 Delta R.T. -0.005 min
 Lab File: BF129353.D
 Acq: 26 Jul 2022 13:55

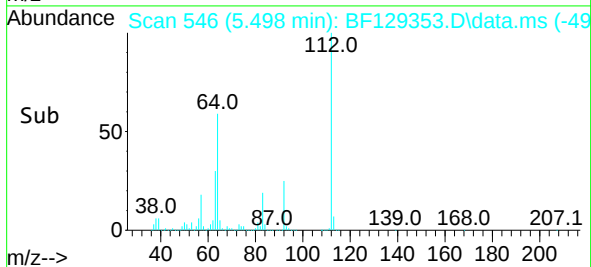
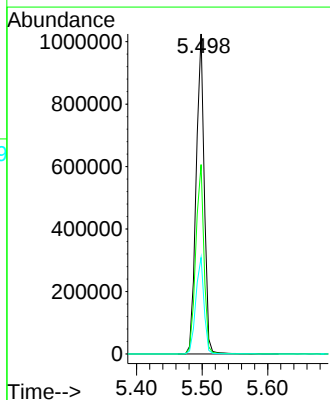
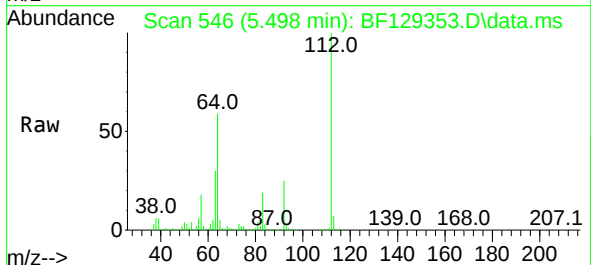
Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-4-TW

Tgt Ion:152 Resp: 228310
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.7 185.5
 115 63.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 63.167 ng
 RT: 5.498 min Scan# 546
 Delta R.T. -0.000 min
 Lab File: BF129353.D
 Acq: 26 Jul 2022 13:55

Tgt Ion:112 Resp: 885314
 Ion Ratio Lower Upper
 112 100
 64 59.2 53.3 79.9
 63 30.1 28.0 42.0

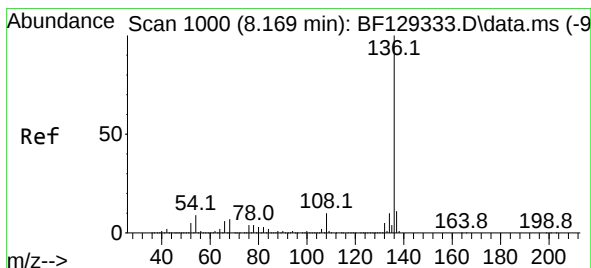
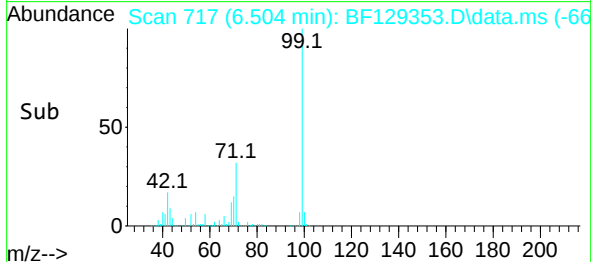
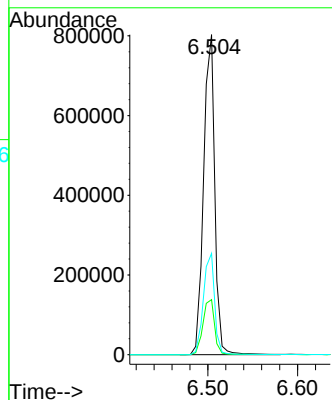
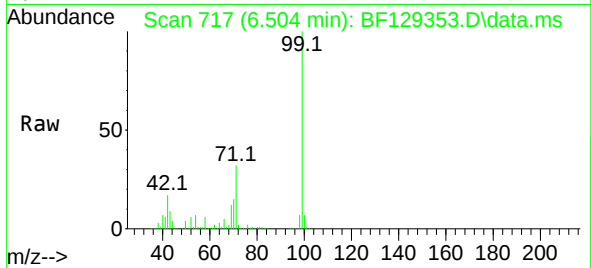




#7
Phenol-d6
Concen: 39.327 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129353.D
Acq: 26 Jul 2022 13:55

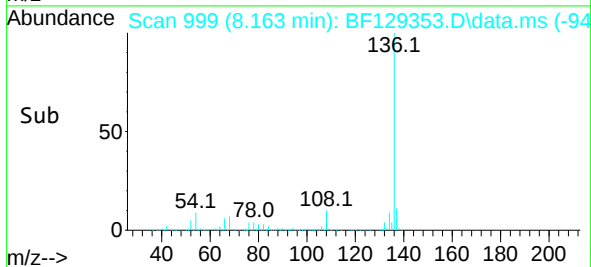
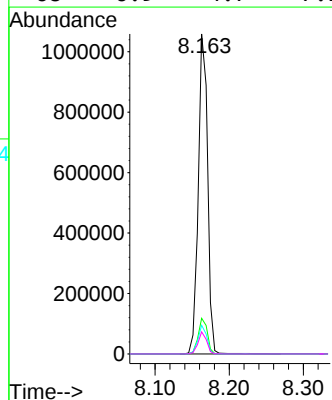
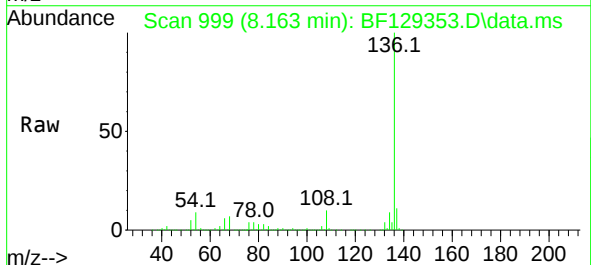
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4-TW

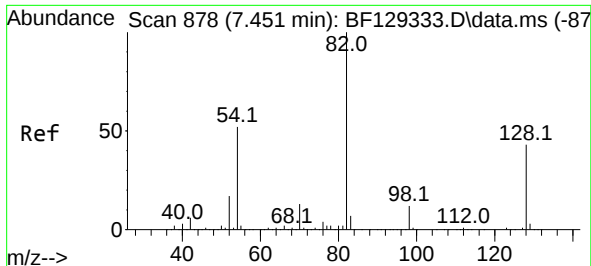
Tgt Ion: 99 Resp: 692809
Ion Ratio Lower Upper
99 100
42 17.2 17.3 25.9#
71 31.7 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF129353.D
Acq: 26 Jul 2022 13:55

Tgt Ion: 136 Resp: 923310
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.0 7.5 11.3
68 6.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 90.305 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129353.D

Acq: 26 Jul 2022 13:55

Instrument :

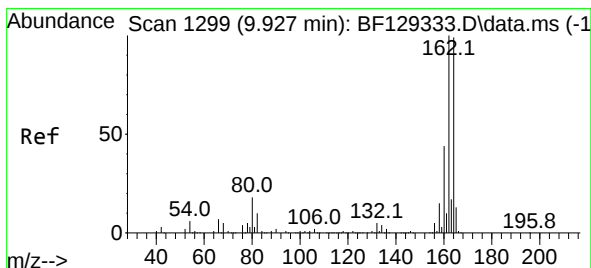
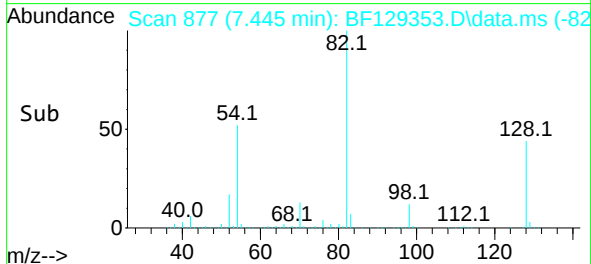
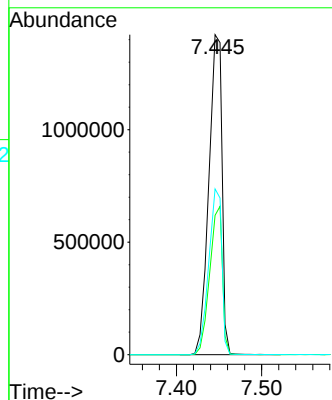
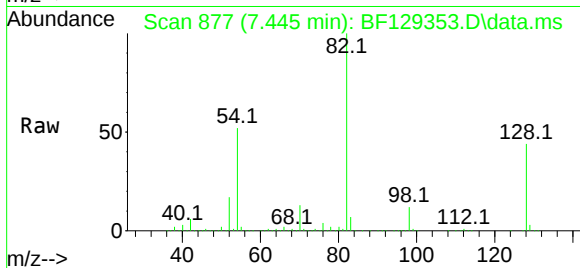
BNA_F

ClientSampleId :

ENV-DE-4-TW

Tgt Ion: 82 Resp: 1527416

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.0	51.0
54	51.8	46.9	70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1298

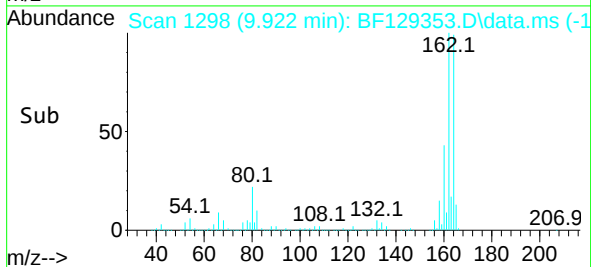
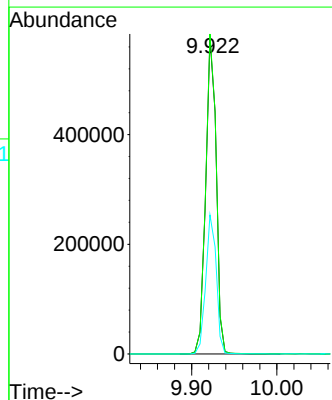
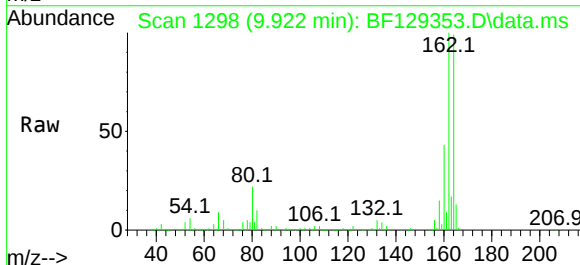
Delta R.T. -0.006 min

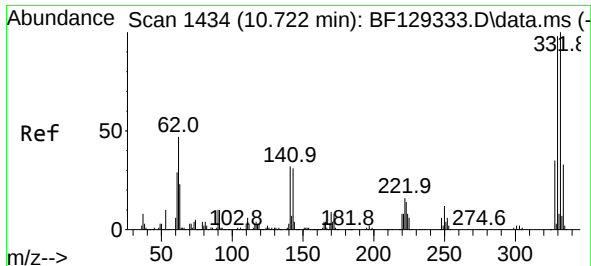
Lab File: BF129353.D

Acq: 26 Jul 2022 13:55

Tgt Ion: 164 Resp: 493634

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.5	119.3
160	44.0	34.2	51.4





#42

2,4,6-Tribromophenol

Concen: 134.856 ng

RT: 10.716 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129353.D

Acq: 26 Jul 2022 13:55

Instrument :

BNA_F

ClientSampleId :

ENV-DE-4-TW

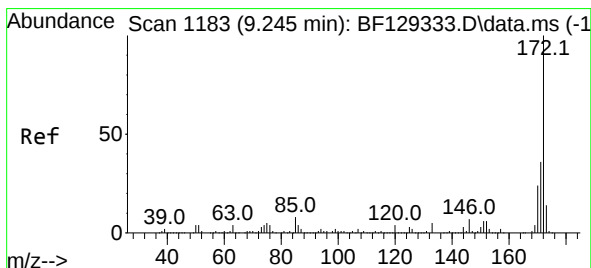
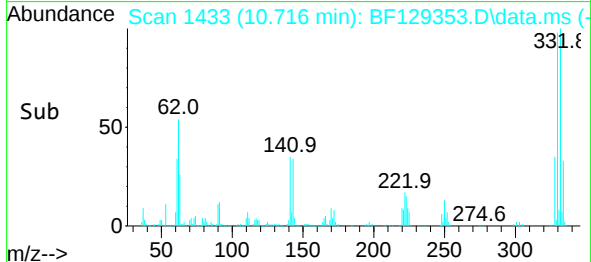
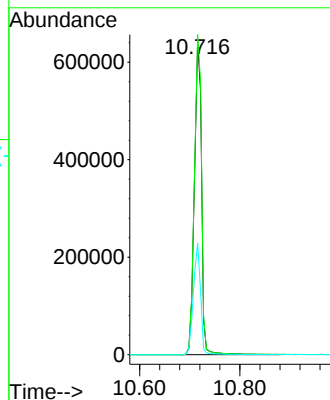
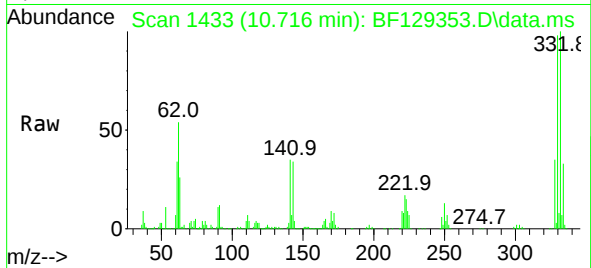
Tgt Ion:330 Resp: 640017

Ion Ratio Lower Upper

330 100

332 102.6 76.8 115.2

141 35.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 80.320 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF129353.D

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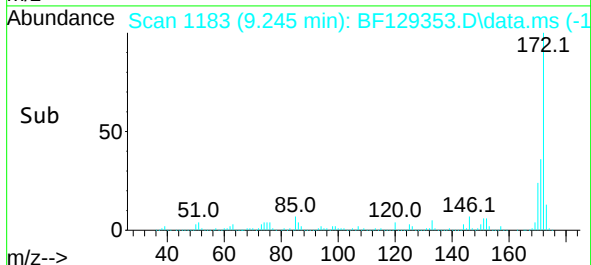
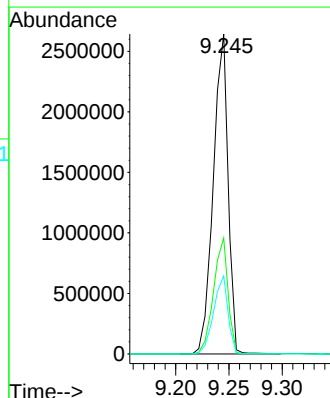
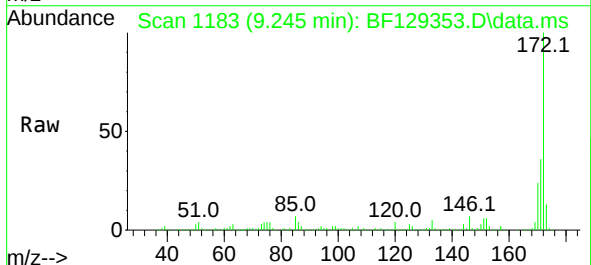
Tgt Ion:172 Resp: 2563014

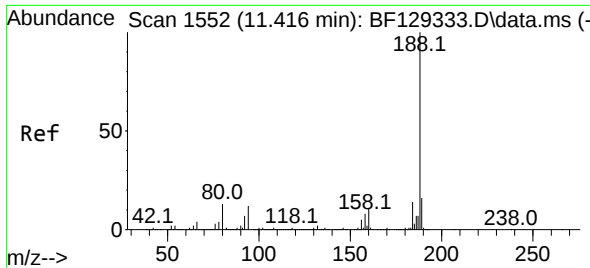
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.4 19.8 29.8

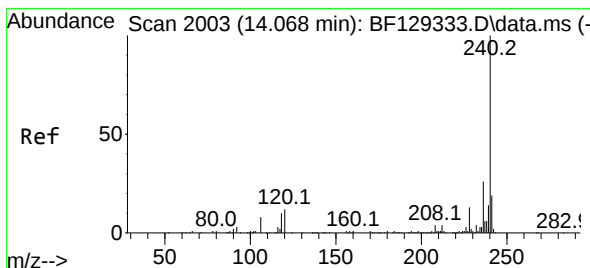
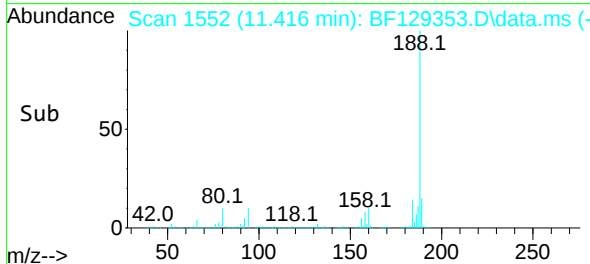
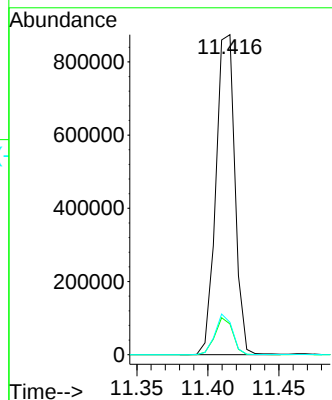
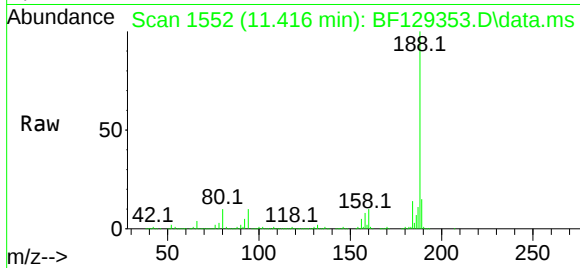




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129353.D
Acq: 26 Jul 2022 13:55

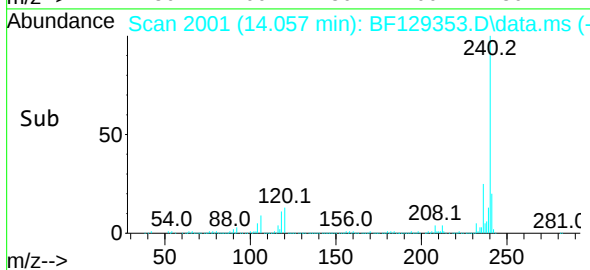
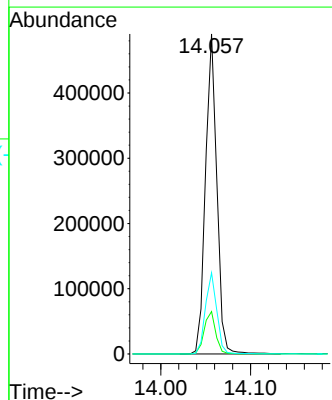
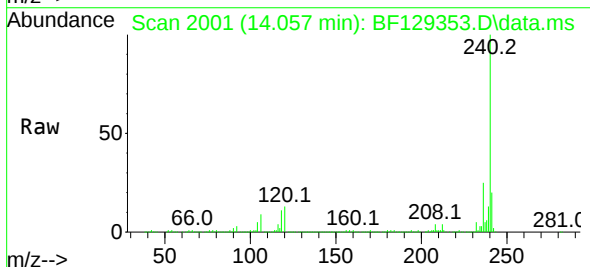
Instrument :
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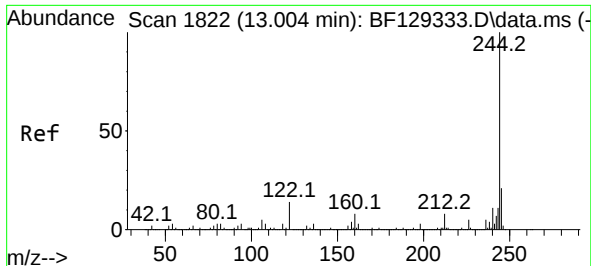
Tgt Ion:188 Resp: 813489
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129353.D
Acq: 26 Jul 2022 13:55

Tgt Ion:240 Resp: 430410
Ion Ratio Lower Upper
240 100
120 13.3 8.9 13.3
236 25.4 20.8 31.2

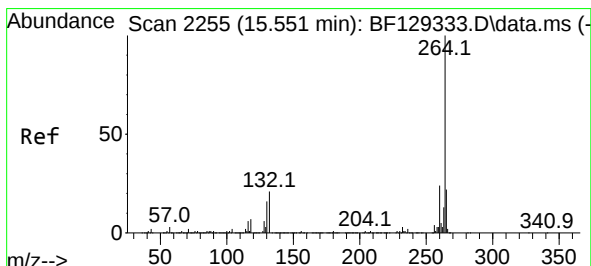
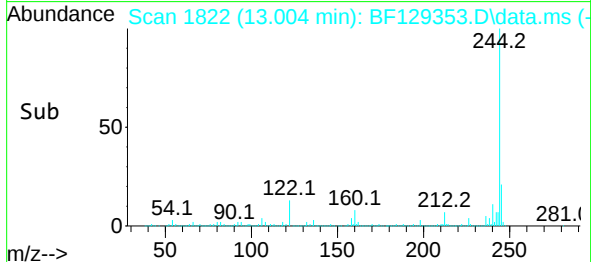
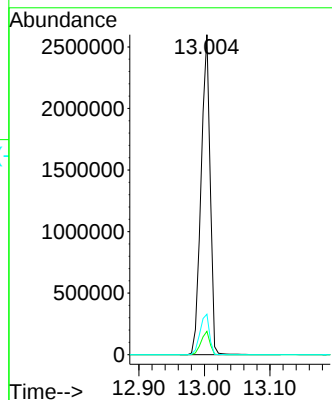
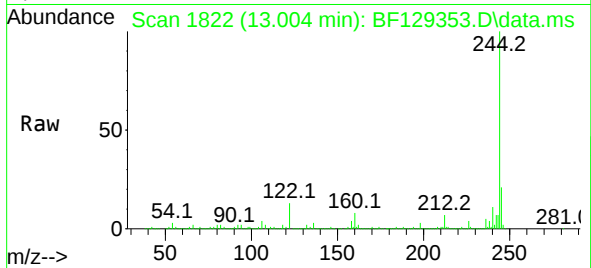




#79
 Terphenyl-d14
 Concen: 109.444 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. -0.000 min
 Lab File: BF129353.D
 Acq: 26 Jul 2022 13:55

Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-4-TW

Tgt Ion:244 Resp: 2496890
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: BF129353.D
 Acq: 26 Jul 2022 13:55

Tgt Ion:264 Resp: 386857
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.6 17.2 25.8

