

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129385.D
 Acq On : 27 Jul 2022 19:57
 Operator : CG\JU
 Sample : N3910-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-WALL

Quant Time: Jul 28 01:32:02 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	245657	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	974493	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	515122	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	859589	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	576975	20.000	ng	-0.01
86) Perylene-d12	15.545	264	442775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1466794	97.266	ng	0.02
7) Phenol-d6	6.516	99	1868938	98.599	ng	0.00
23) Nitrobenzene-d5	7.445	82	1202885	67.383	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	476606	96.235	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2146843	64.471	ng	0.00
79) Terphenyl-d14	13.004	244	2175654	71.139	ng	0.00

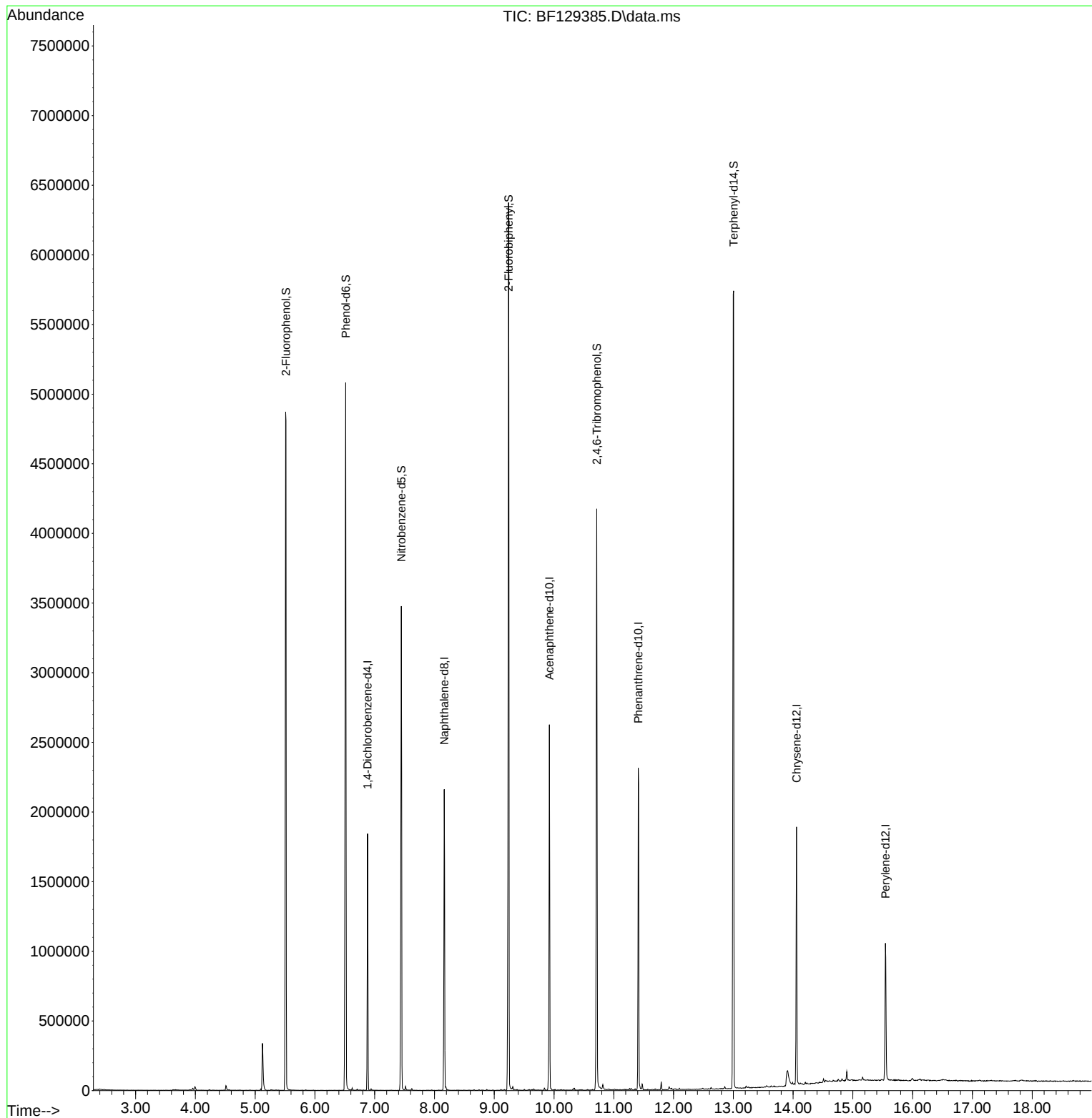
Target Compounds Qvalue

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

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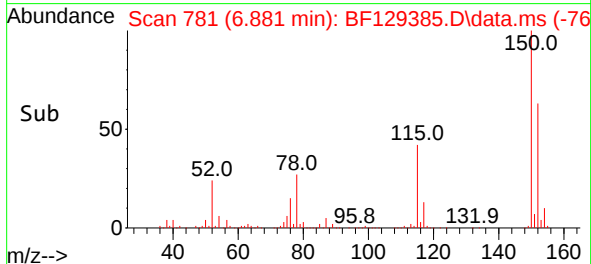
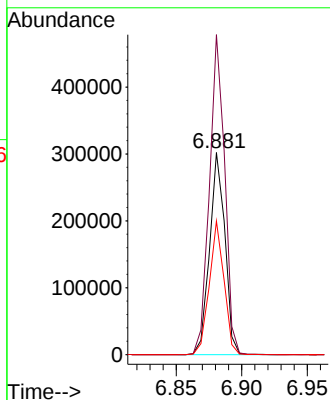
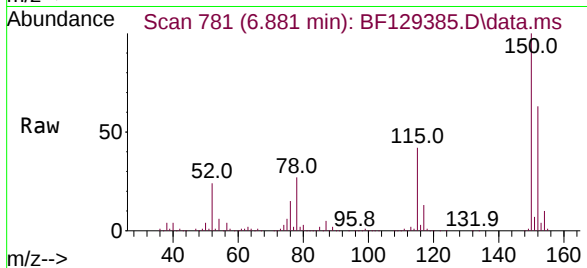




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 781
Delta R.T. -0.005 min
Lab File: BF129385.D
Acq: 27 Jul 2022 19:57

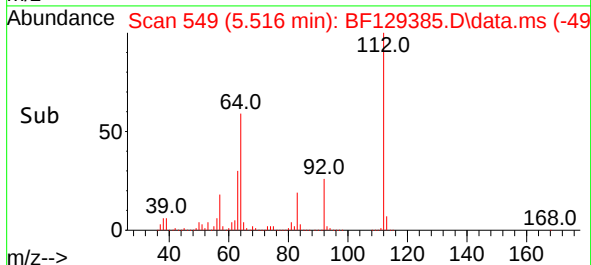
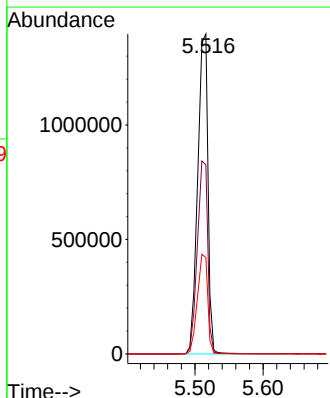
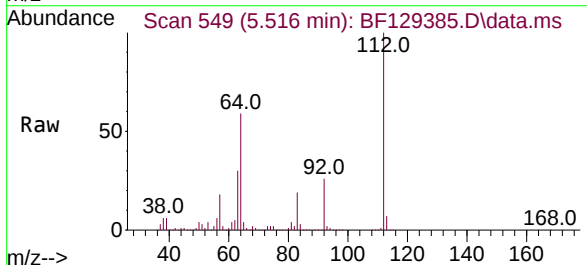
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WALL

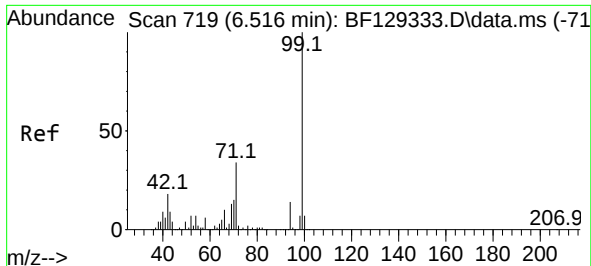
Tgt Ion:152 Resp: 245657
Ion Ratio Lower Upper
152 100
150 158.4 123.7 185.5
115 66.1 49.9 74.9



#5
2-Fluorophenol
Concen: 97.266 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.018 min
Lab File: BF129385.D
Acq: 27 Jul 2022 19:57

Tgt Ion:112 Resp: 1466794
Ion Ratio Lower Upper
112 100
64 59.1 53.3 79.9
63 30.1 28.0 42.0

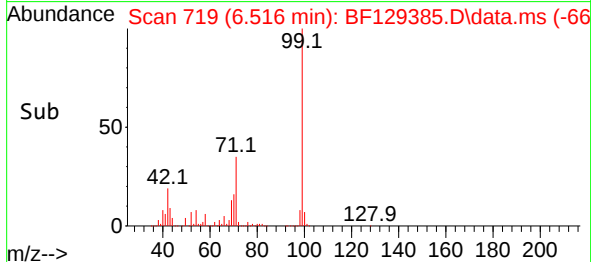
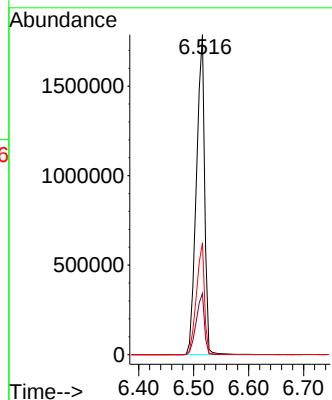
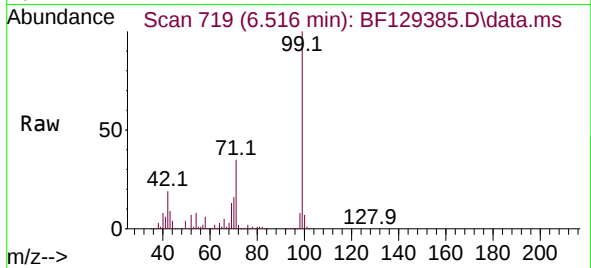




#7
Phenol-d6
Concen: 98.599 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129385.D
Acq: 27 Jul 2022 19:57

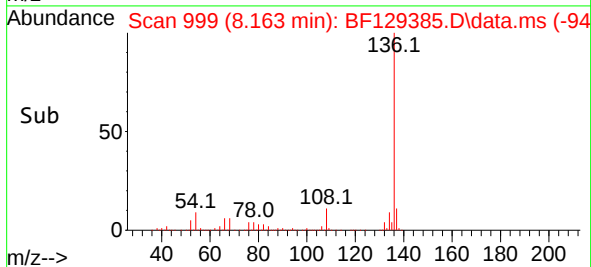
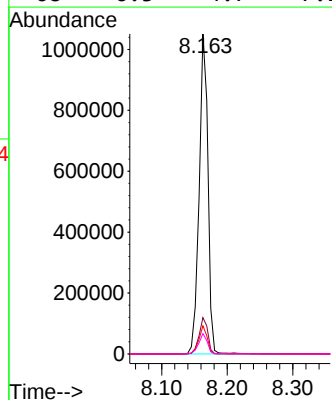
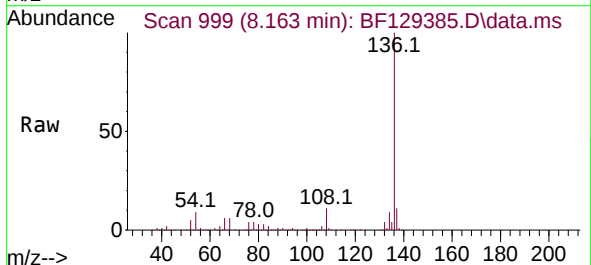
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WALL

Tgt Ion: 99 Resp: 1868938
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 35.0 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: BF129385.D
Acq: 27 Jul 2022 19:57

Tgt Ion:136 Resp: 974493
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.8 7.5 11.3
68 6.3 4.7 7.1



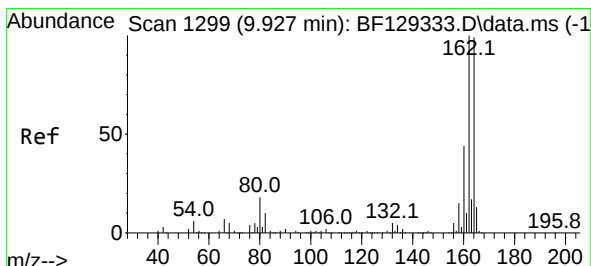
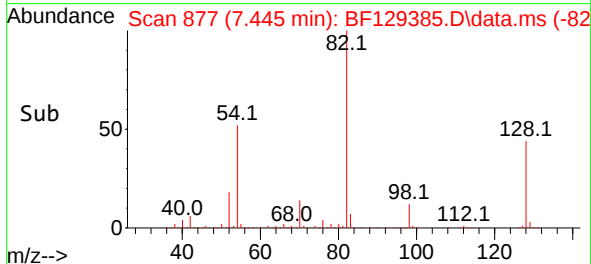
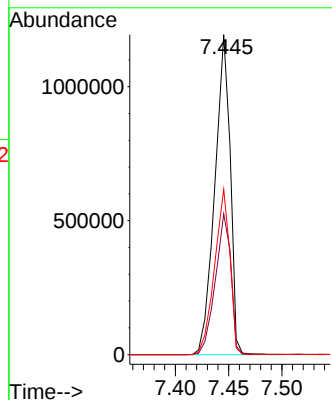
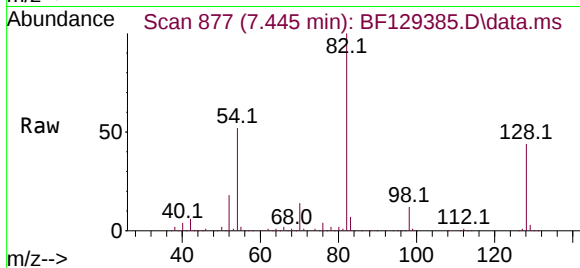


#23
 Nitrobenzene-d5
 Concen: 67.383 ng
 RT: 7.445 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF129385.D
 Acq: 27 Jul 2022 19:57

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-WALL

Tgt Ion: 82 Resp: 1202885

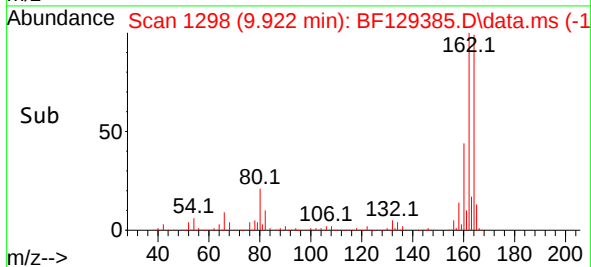
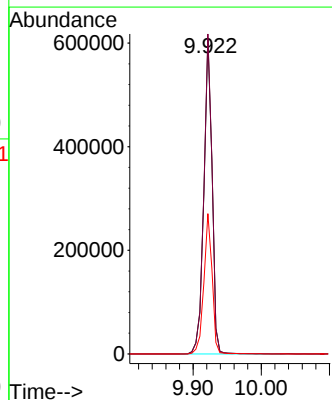
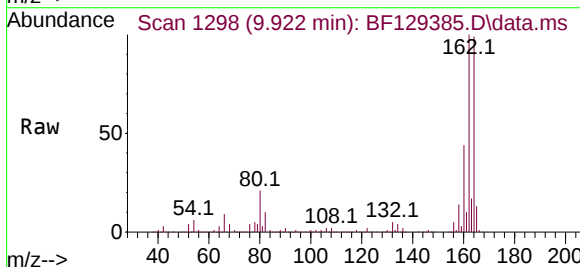
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.0	51.0
54	51.6	46.9	70.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1298
 Delta R.T. -0.006 min
 Lab File: BF129385.D
 Acq: 27 Jul 2022 19:57

Tgt Ion: 164 Resp: 515122

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.5	119.3
160	44.4	34.2	51.4





#42

2,4,6-Tribromophenol

Concen: 96.235 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129385.D

Acq: 27 Jul 2022 19:57

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WALL

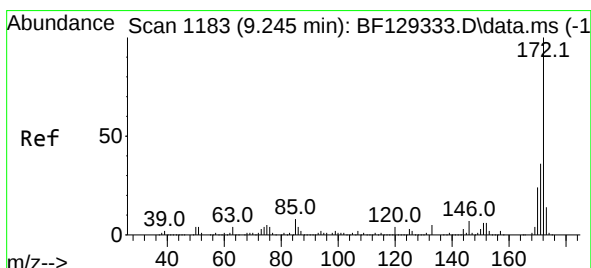
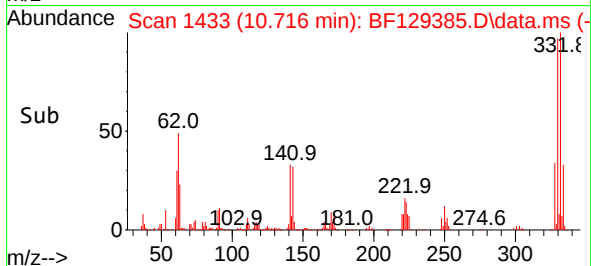
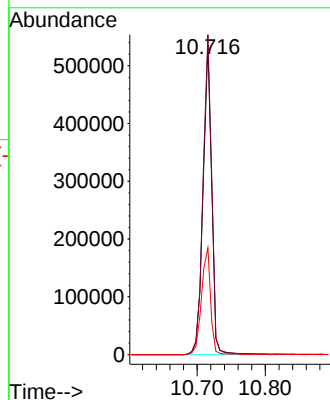
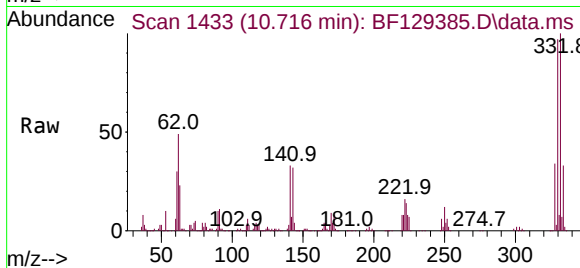
Tgt Ion:330 Resp: 476606

Ion Ratio Lower Upper

330 100

332 103.6 76.8 115.2

141 36.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.471 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF129385.D

Acq: 27 Jul 2022 19:57

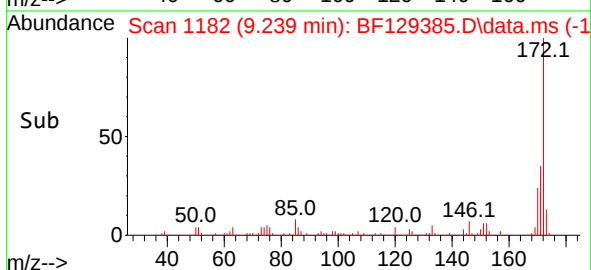
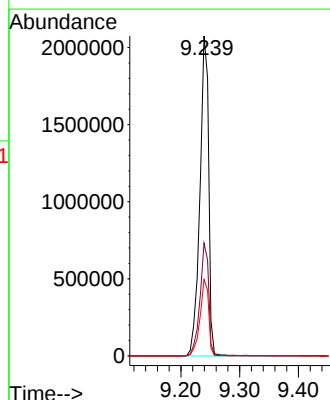
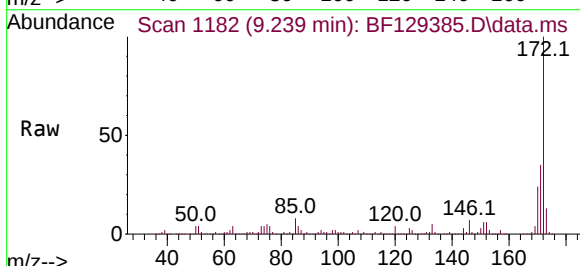
Tgt Ion:172 Resp: 2146843

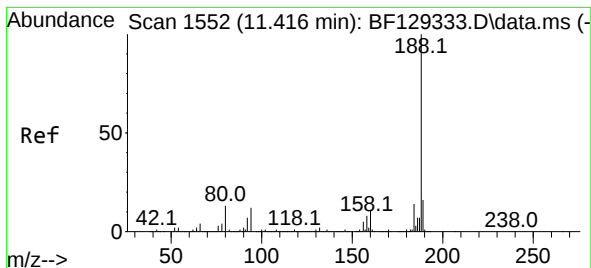
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.9 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129385.D

Acq: 27 Jul 2022 19:57

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WALL

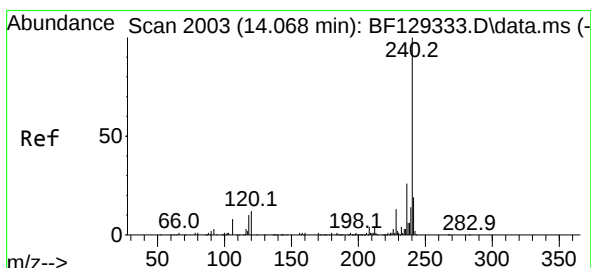
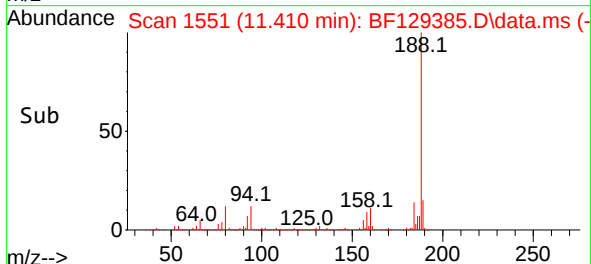
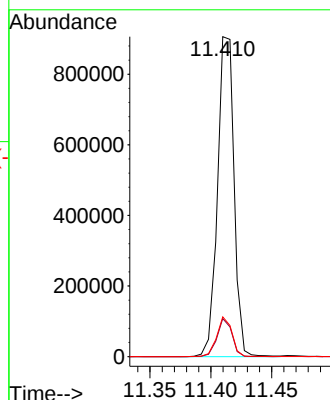
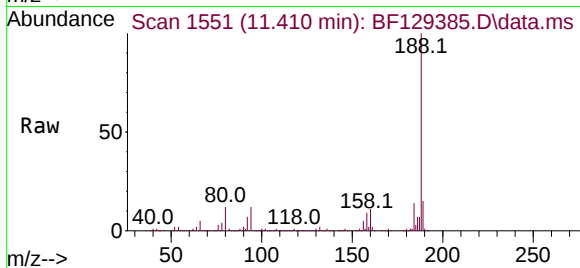
Tgt Ion:188 Resp: 859589

Ion Ratio Lower Upper

188 100

94 11.9 7.0 10.6#

80 12.4 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: BF129385.D

Acq: 27 Jul 2022 19:57

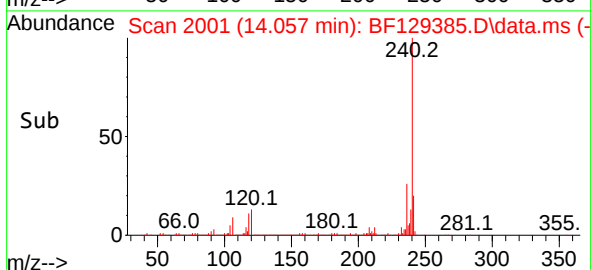
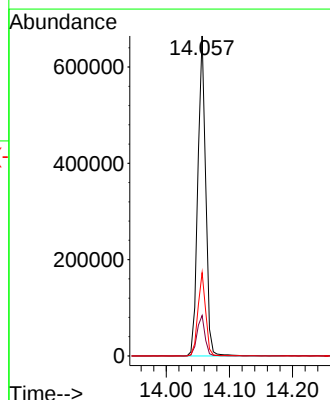
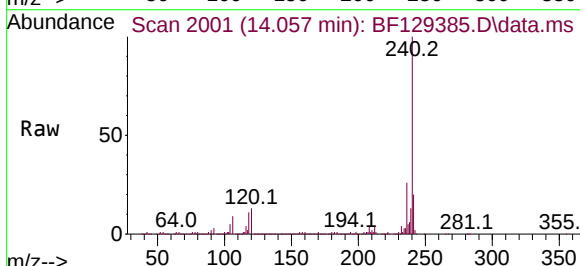
Tgt Ion:240 Resp: 576975

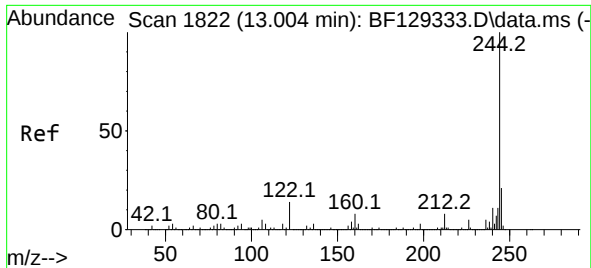
Ion Ratio Lower Upper

240 100

120 12.7 8.9 13.3

236 26.0 20.8 31.2

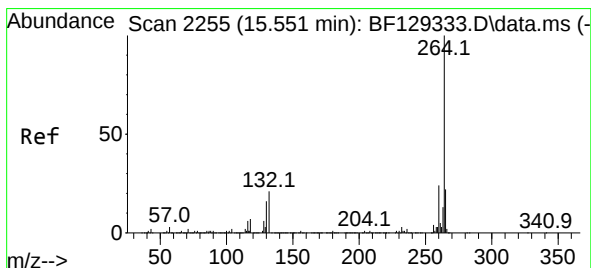
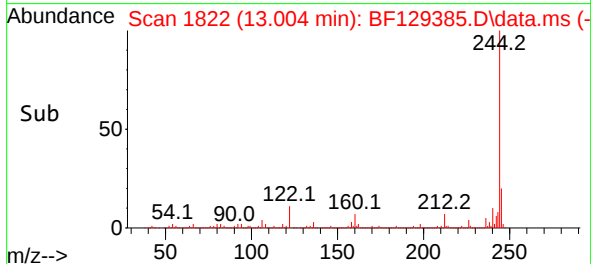
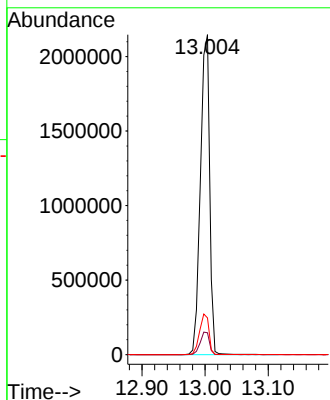
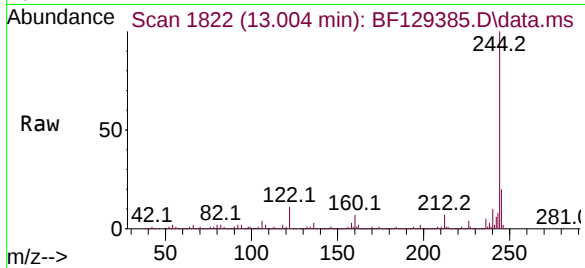




#79
 Terphenyl-d14
 Concen: 71.139 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129385.D
 Acq: 27 Jul 2022 19:57

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-WALL

Tgt Ion:244 Resp: 2175654
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 11.5 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: BF129385.D
 Acq: 27 Jul 2022 19:57

Tgt Ion:264 Resp: 442775
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 21.8 17.2 25.8

