

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)

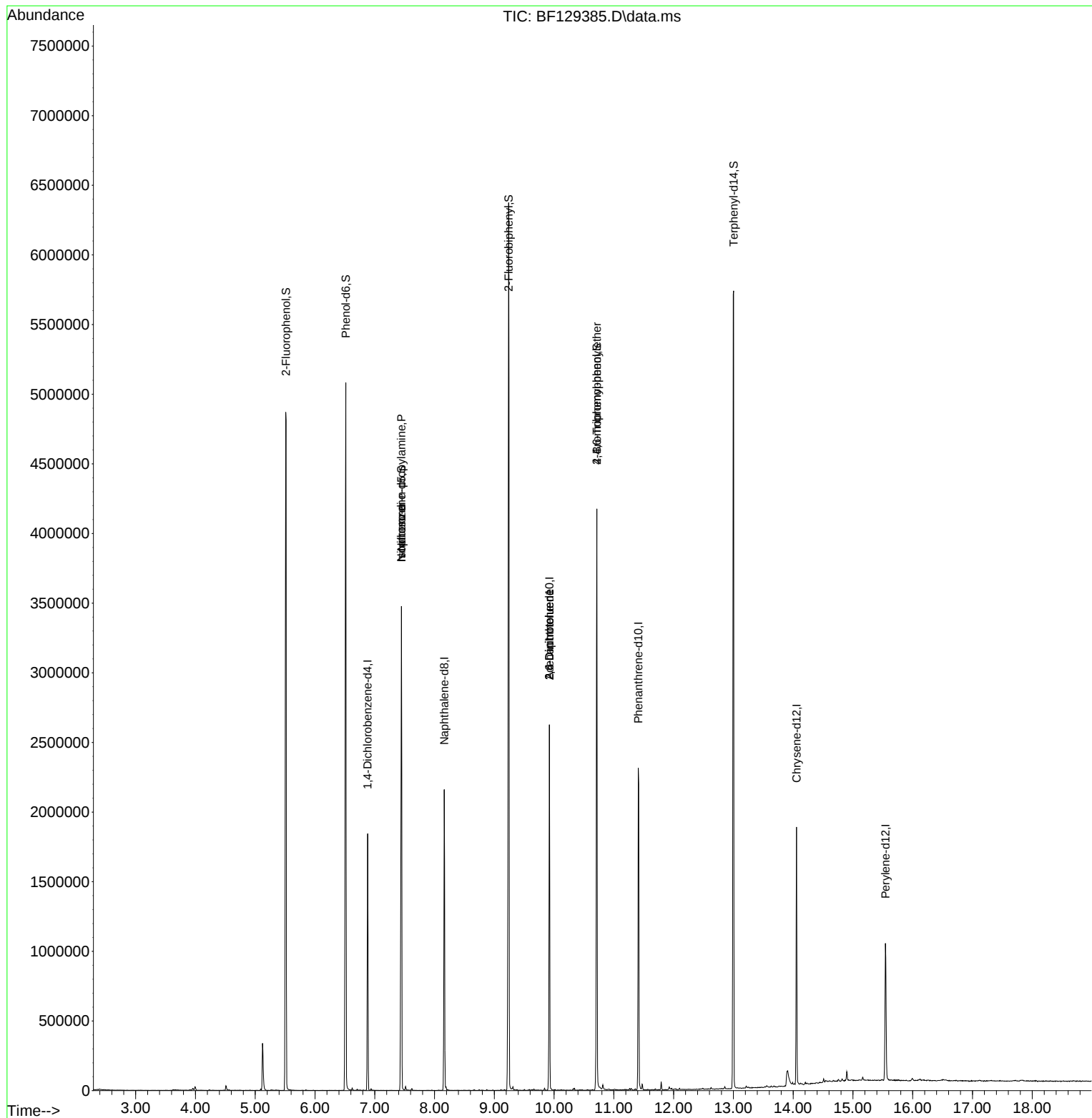
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	245657	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	974493	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	515122	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	859589	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	576975	20.000	ng	-0.01
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.445	70	159464	13.896	ng	# 73
25) Isophorone	7.445	82	1199690	37.491	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	67535	8.485	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	67535	6.495	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	29842	3.170	ng	# 1

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

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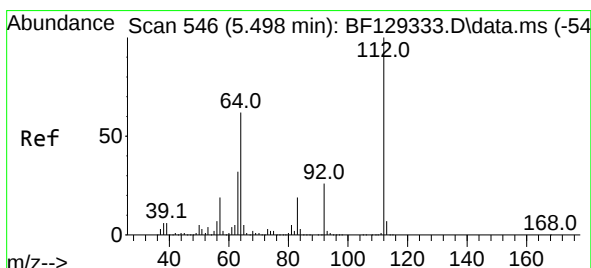
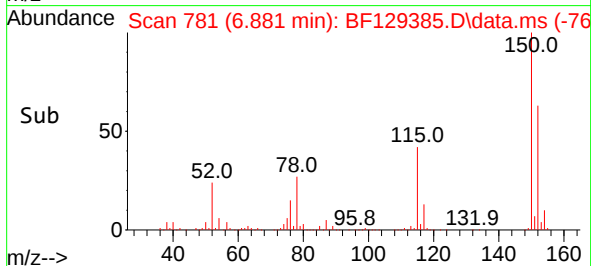
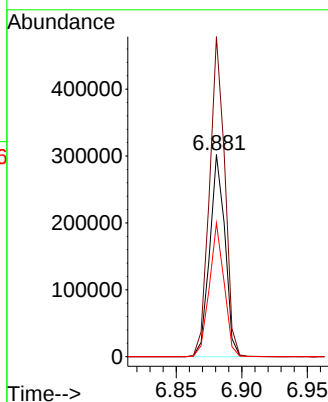
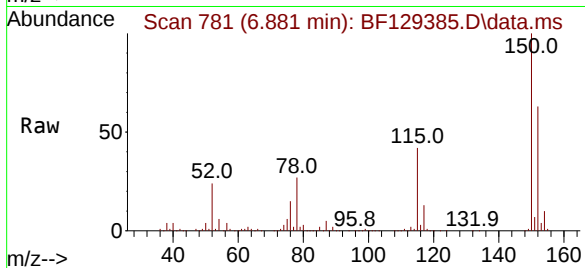




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129385.D
 Acq: 27 Jul 2022 19:57

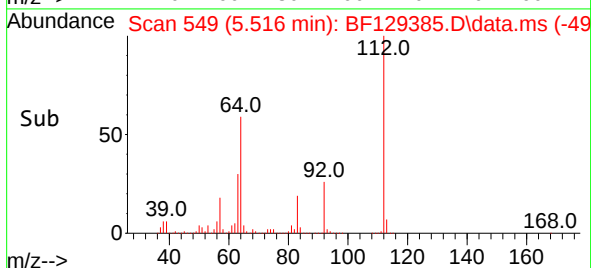
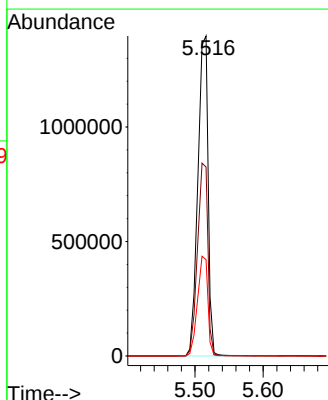
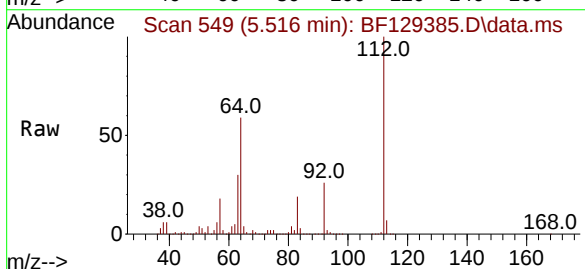
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-WALL

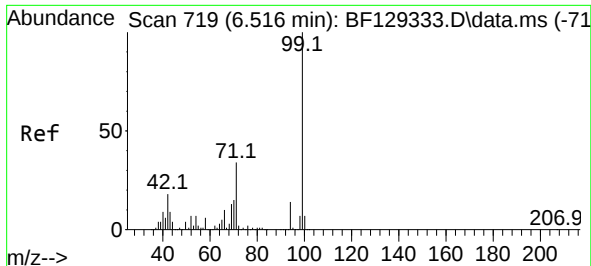
Tgt Ion:152 Resp: 245657
 Ion Ratio Lower Upper
 152 100
 150 158.4 123.7 185.5
 115 66.1 49.9 74.9



#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

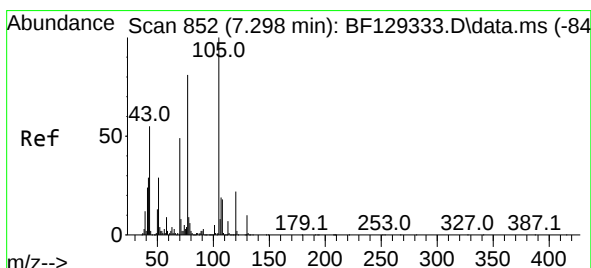
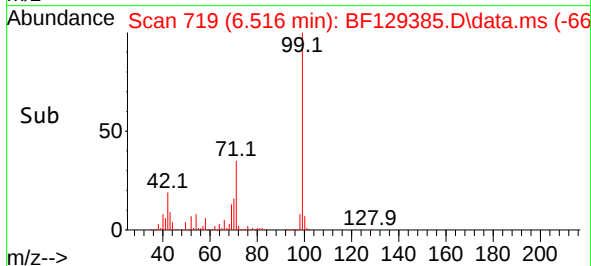
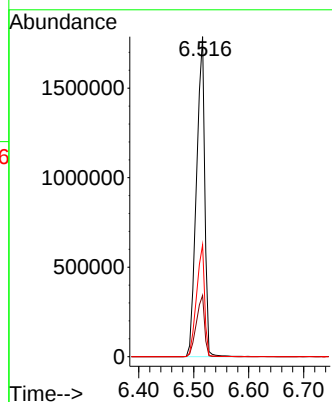
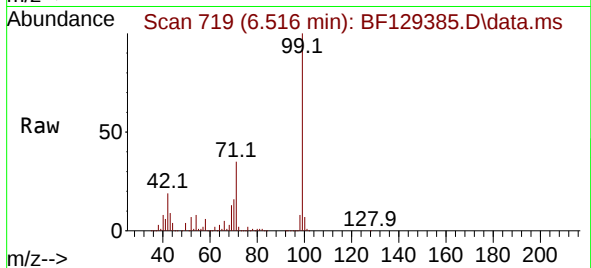




#7
Phenol-d6
Concen: 98.599 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129385.D
Acq: 27 Jul 2022 19:57

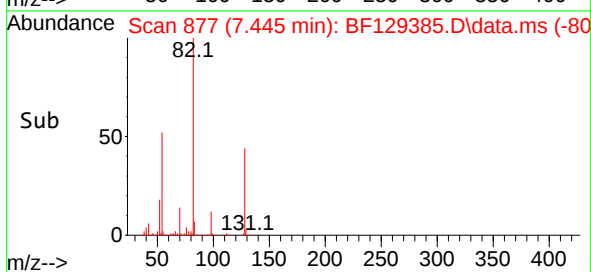
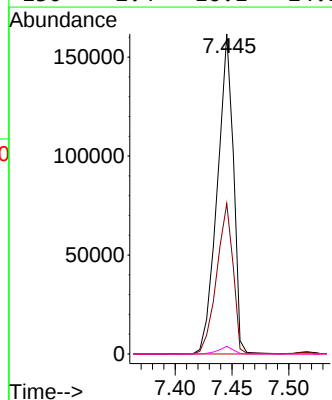
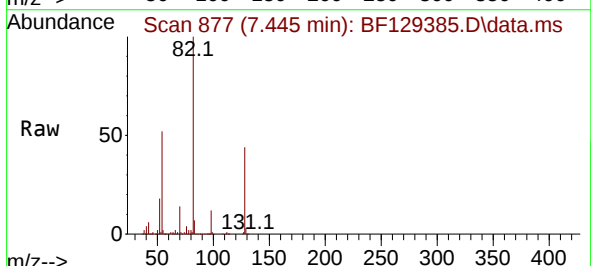
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WALL

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



#19
n-Nitroso-di-n-propylamine
Concen: 13.896 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129385.D
Acq: 27 Jul 2022 19:57

Tgt Ion: 70 Resp: 159464
Ion Ratio Lower Upper
70 100
42 47.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.4 16.1 24.1#

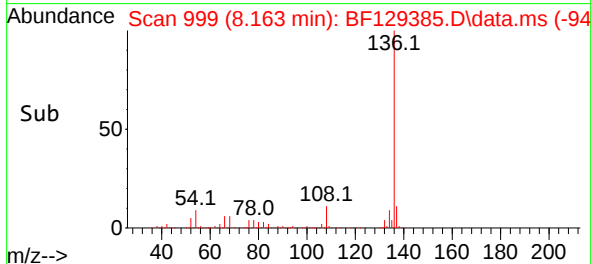
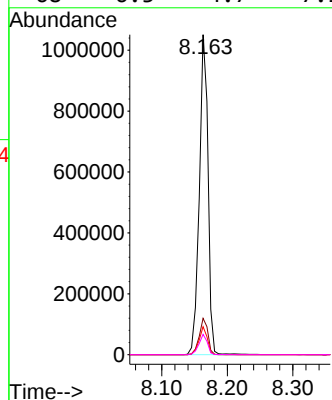
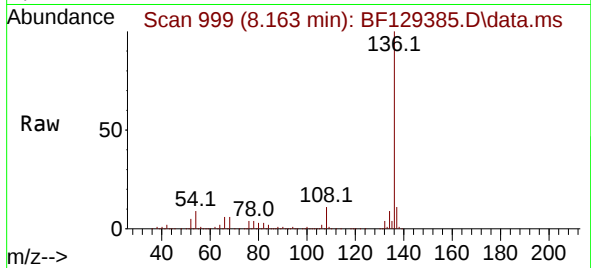




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129385.D
Acq: 27 Jul 2022 19:57

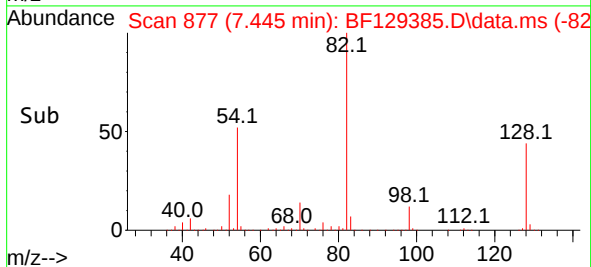
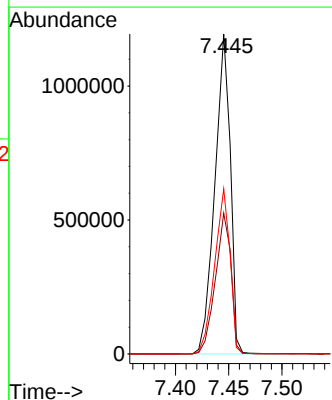
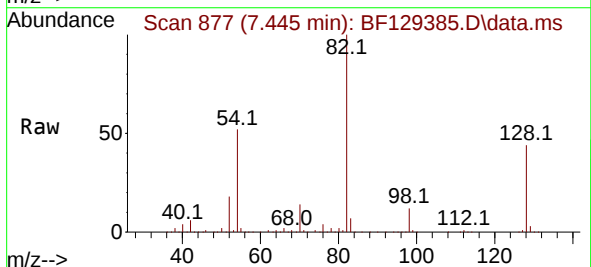
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WALL

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# 877
Delta R.T. -0.006 min
Lab File: BF129385.D
Acq: 27 Jul 2022 19:57

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

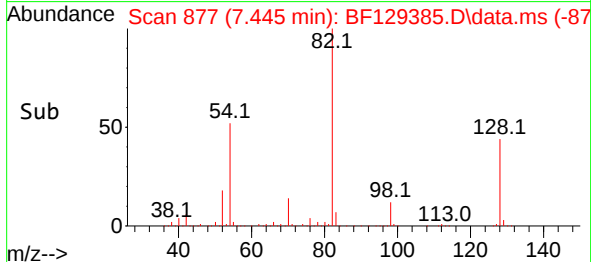
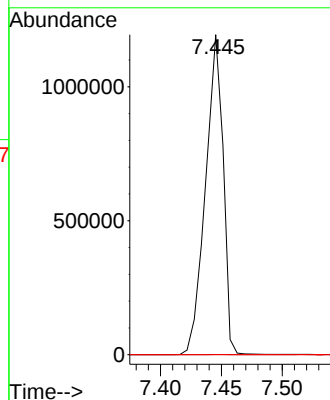
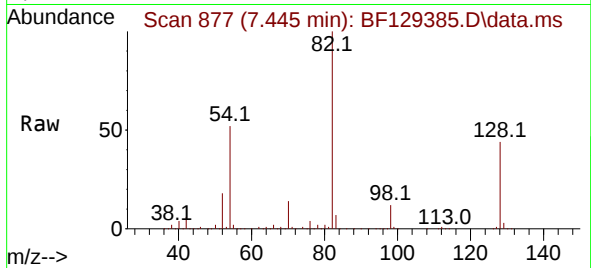




#25
Isophorone
Concen: 37.491 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129385.D
Acq: 27 Jul 2022 19:57

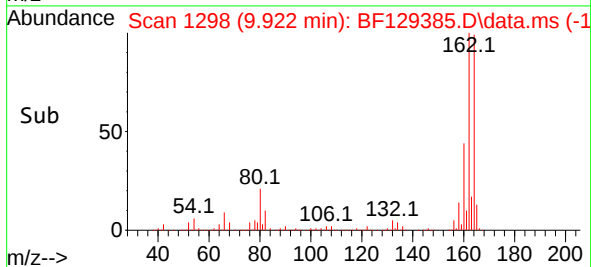
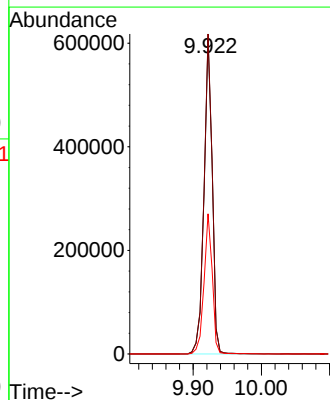
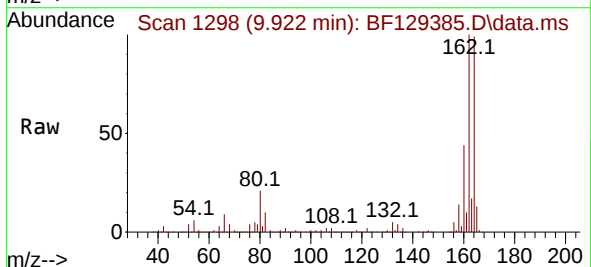
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WALL

Tgt Ion: 82 Resp: 1199690
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#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

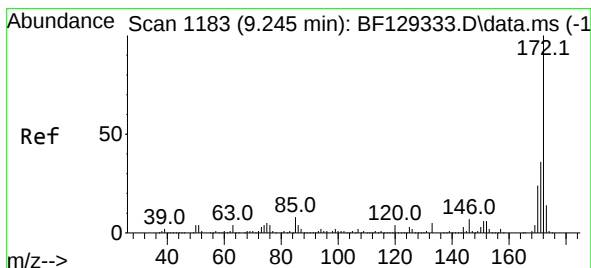
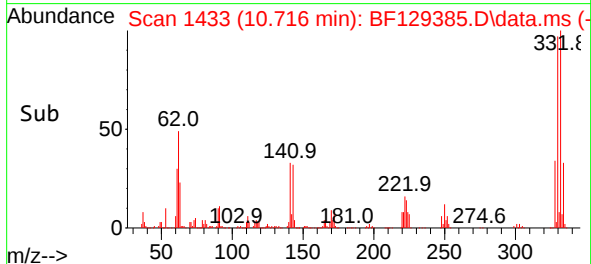
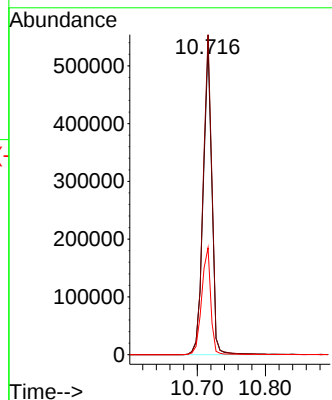
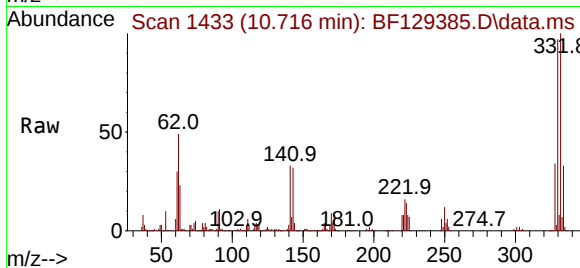




#42
2,4,6-Tribromophenol
Concen: 96.235 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF129385.D
Acq: 27 Jul 2022 19:57

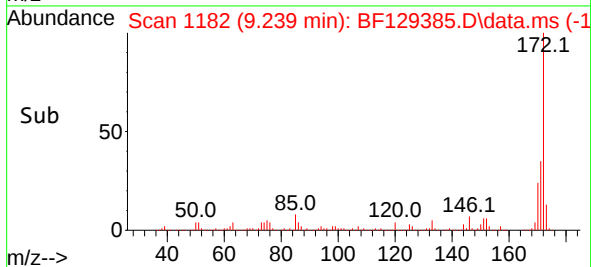
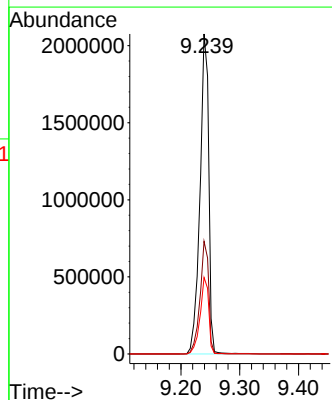
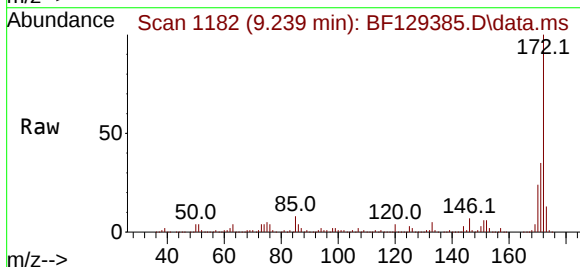
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WALL

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





#51

2,6-Dinitrotoluene

Concen: 8.485 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129385.D

Acq: 27 Jul 2022 19:57

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WALL

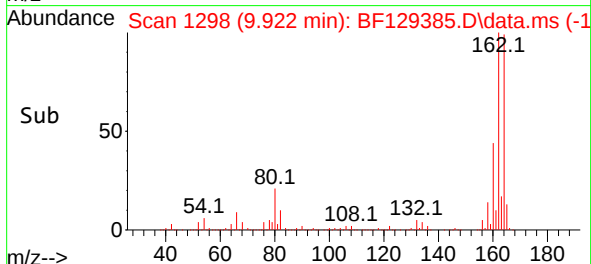
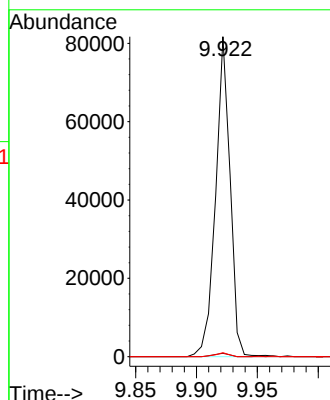
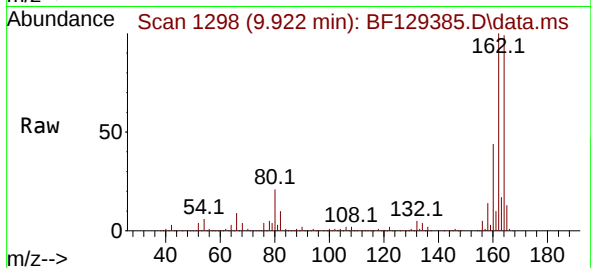
Tgt Ion:165 Resp: 67535

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.495 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129385.D

Acq: 27 Jul 2022 19:57

Tgt Ion:165 Resp: 67535

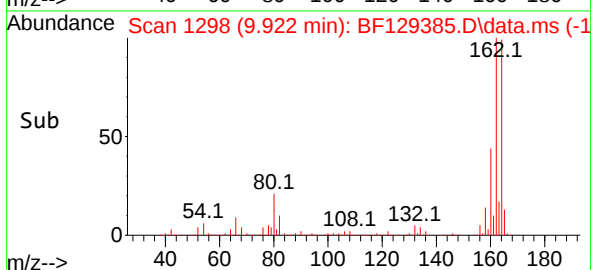
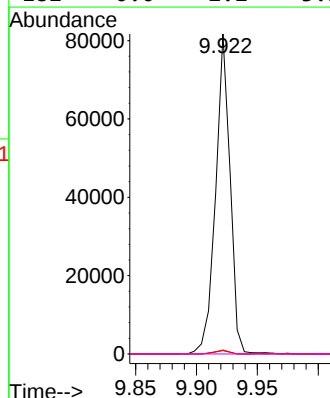
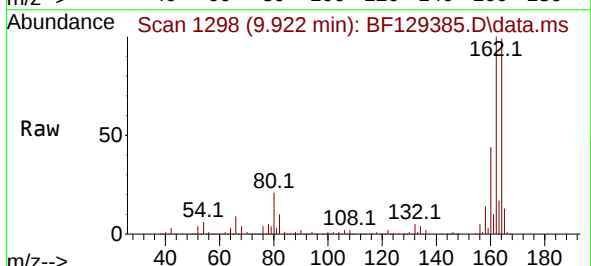
Ion Ratio Lower Upper

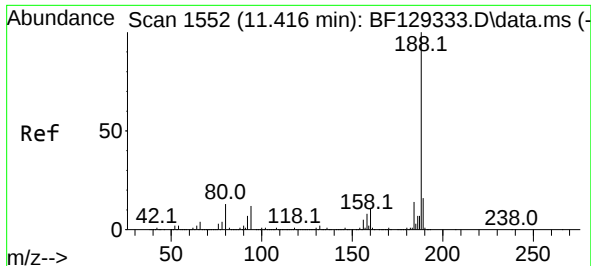
165 100

63 1.0 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#

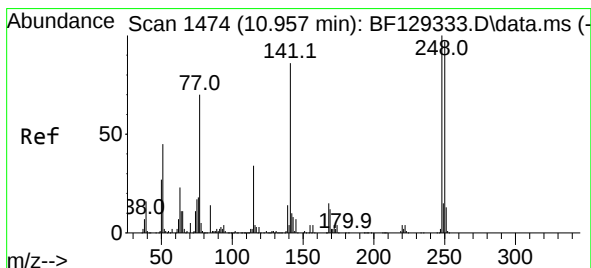
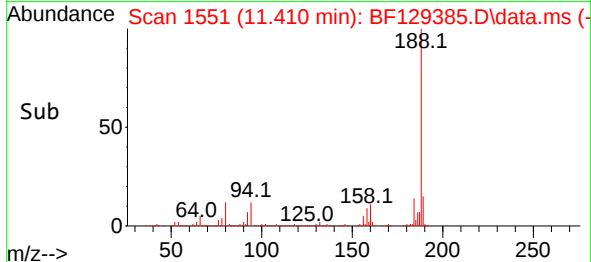
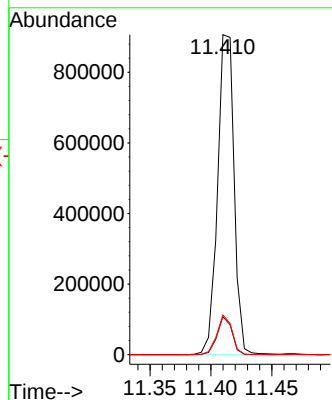
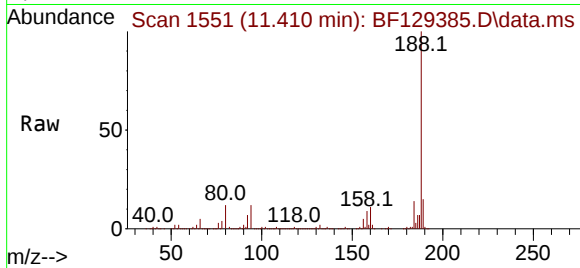




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129385.D
Acq: 27 Jul 2022 19:57

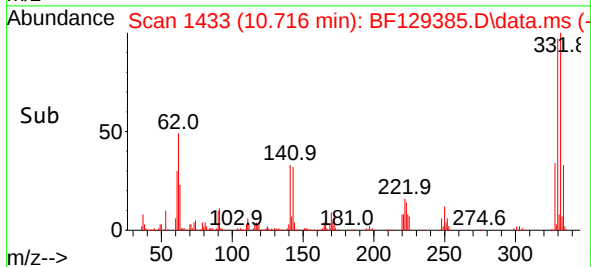
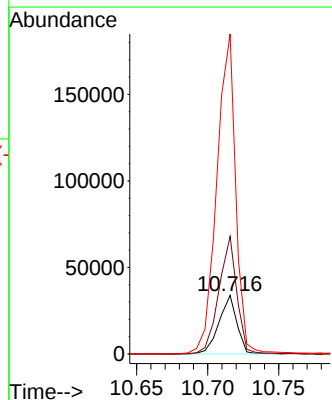
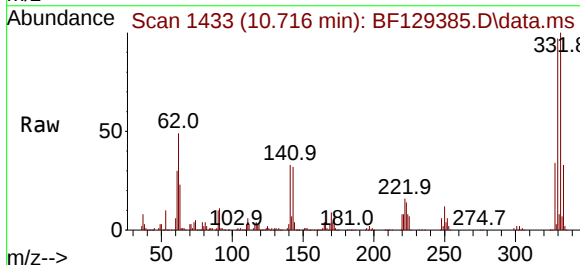
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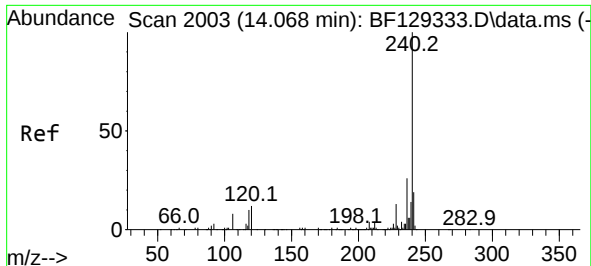
Tgt Ion:188 Resp: 859589
Ion Ratio Lower Upper
188 100
94 11.9 7.0 10.6#
80 12.4 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 3.170 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129385.D
Acq: 27 Jul 2022 19:57

Tgt Ion:248 Resp: 29842
Ion Ratio Lower Upper
248 100
250 201.0 80.6 120.8#
141 547.0 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BF129385.D

Acq: 27 Jul 2022 19:57

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WALL

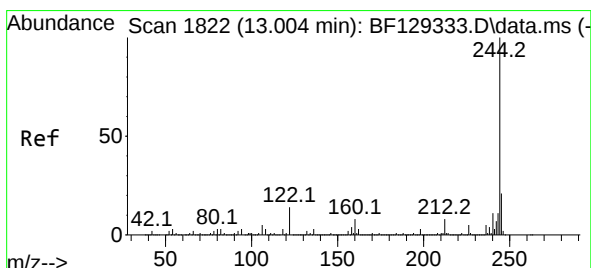
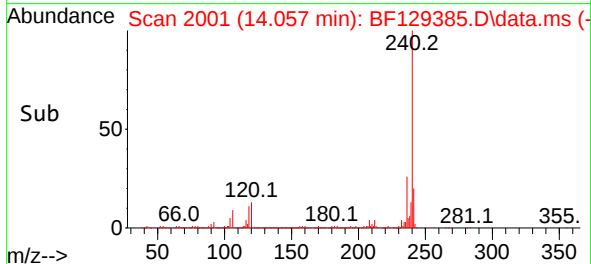
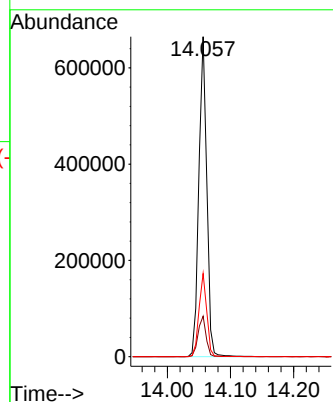
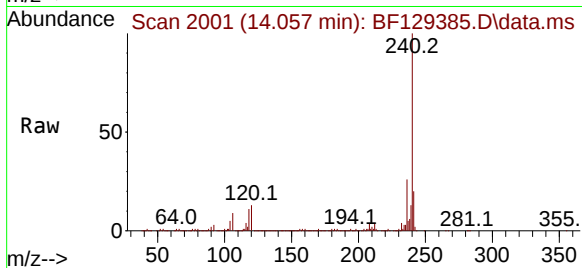
Tgt Ion:240 Resp: 576975

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

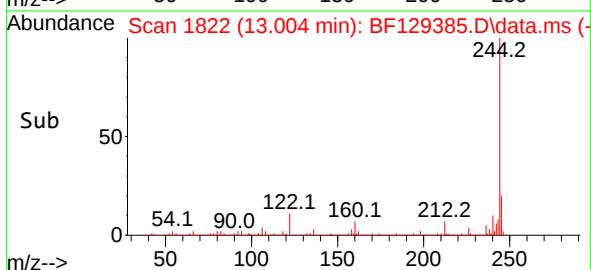
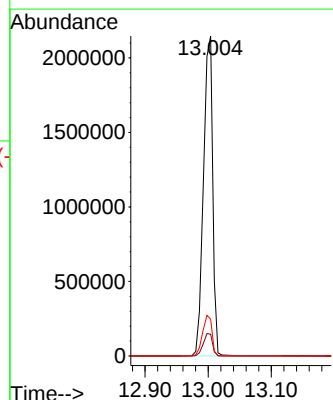
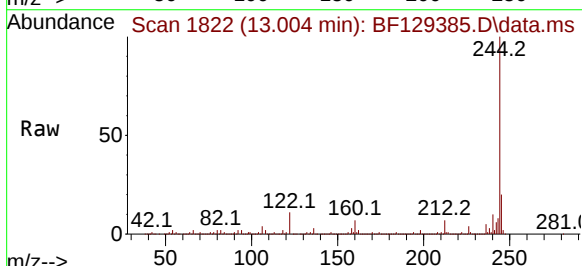
Tgt Ion:244 Resp: 2175654

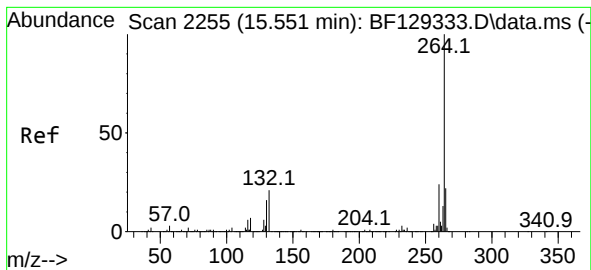
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.006 min

Lab File: BF129385.D

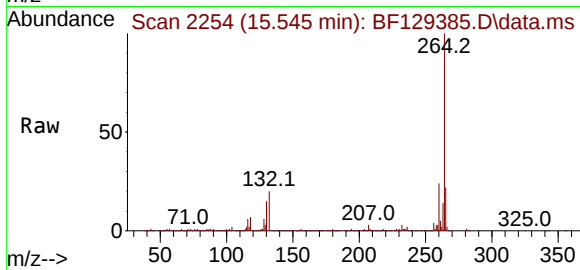
Acq: 27 Jul 2022 19:57

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WALL



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

