

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126045.D
 Acq On : 4 Nov 2021 14:52
 Operator : JU/CG
 Sample : M4449-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXTERIOR-WALLS

Quant Time: Nov 08 07:20:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

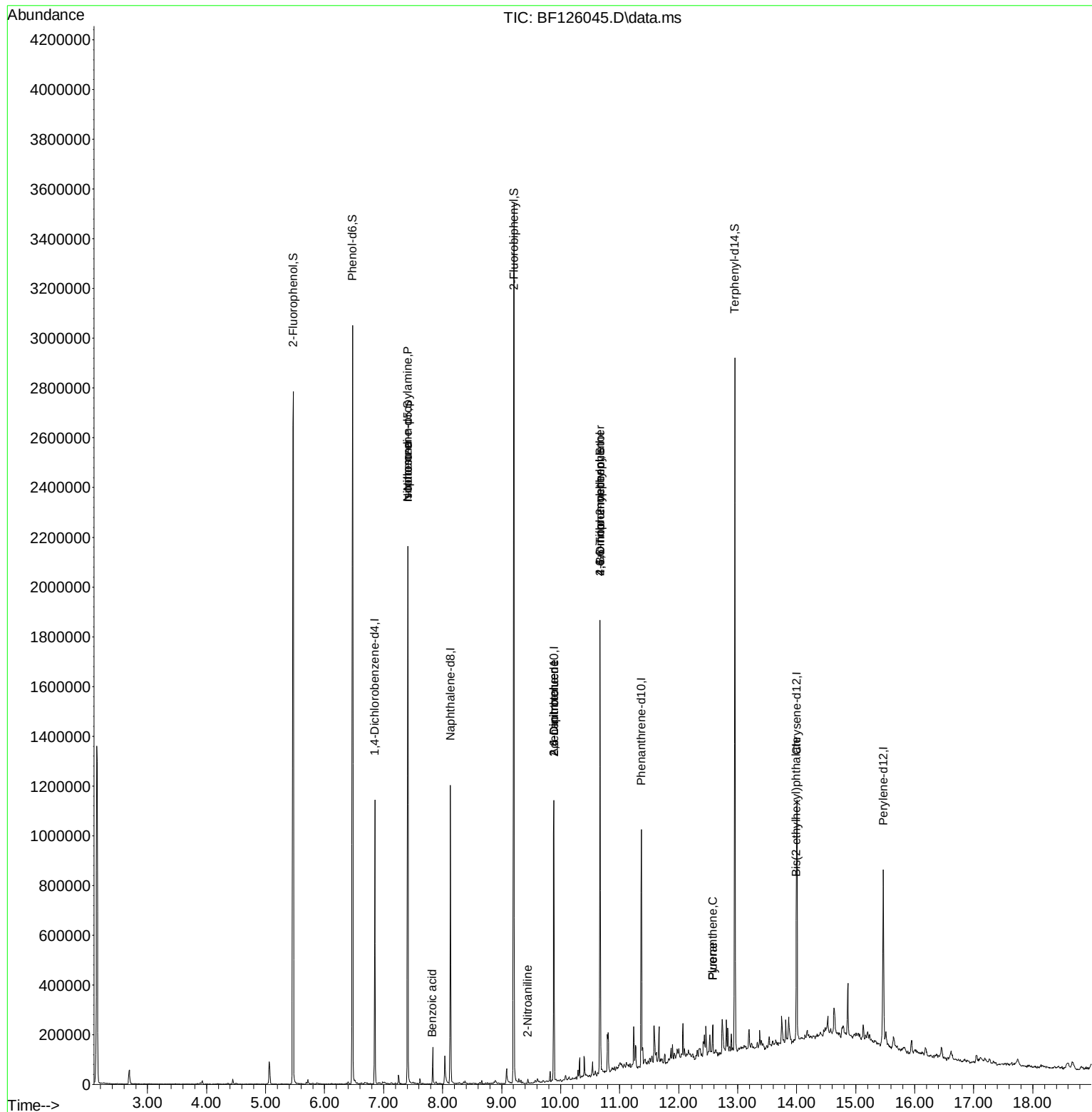
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	127343	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	441733	20.00	ng	# 0.00
39) Acenaphthene-d10	9.886	164	221230	20.00	ng	0.00
64) Phenanthrene-d10	11.368	188	313996	20.00	ng	# 0.00
76) Chrysene-d12	14.004	240	291621	20.00	ng	# 0.00
86) Perylene-d12	15.468	264	321083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	627388	84.61	ng	0.00
7) Phenol-d6	6.475	99	792342	75.80	ng	-0.01
23) Nitrobenzene-d5	7.410	82	600147	64.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.668	330	174665	68.89	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1034365	63.18	ng	0.00
79) Terphenyl-d14	12.951	244	864559	47.81	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	1353	Below Cal		89
19) n-Nitroso-di-n-propyla...	7.410	70	87815	12.74 ng	#	62
25) Isophorone	7.410	82	593576	35.20 ng	#	59
32) Benzoic acid	7.822	122	301	9.21 ng		91
48) 2-Nitroaniline	9.439	65	131	2.88 ng	#	1
51) 2,6-Dinitrotoluene	9.886	165	27270	9.88 ng	#	28
57) 2,4-Dinitrotoluene	9.886	165	27270	9.57 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.668	198	562	8.62 ng	#	1
67) 4-Bromophenyl-phenylether	10.668	248	11505	3.03 ng	#	1
75) Fluoranthene	12.580	202	49790	2.63 ng		92
78) Pyrene	12.580	202	49790	2.13 ng		98
84) Bis(2-ethylhexyl)phtha...	13.992	149	74594	6.32 ng		99

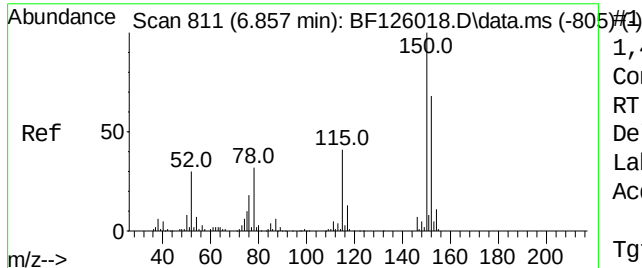
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

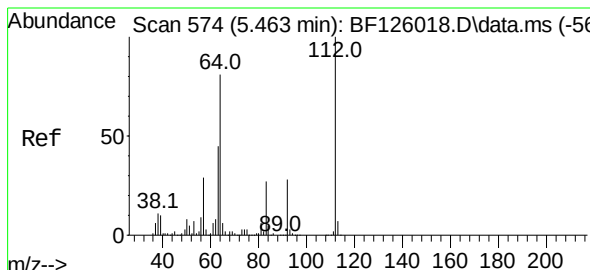
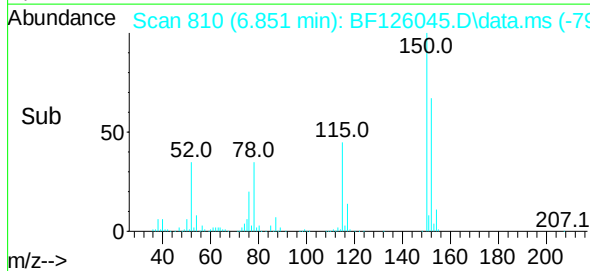
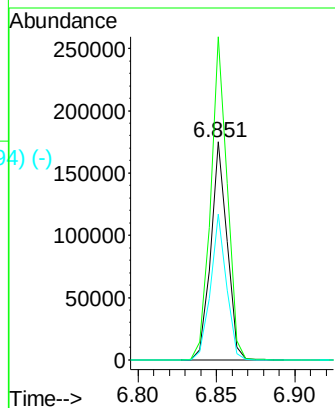
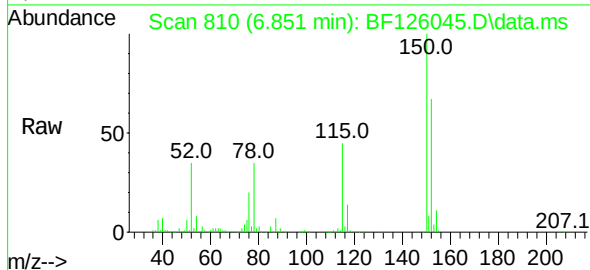




1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126045.D
Acq: 4 Nov 2021 14:52

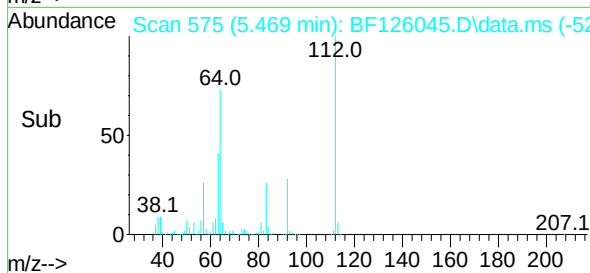
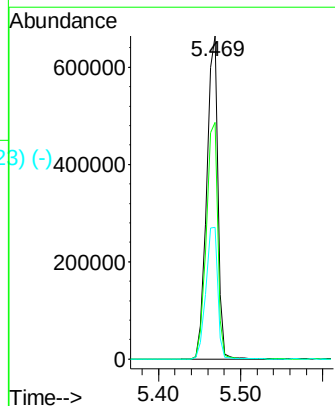
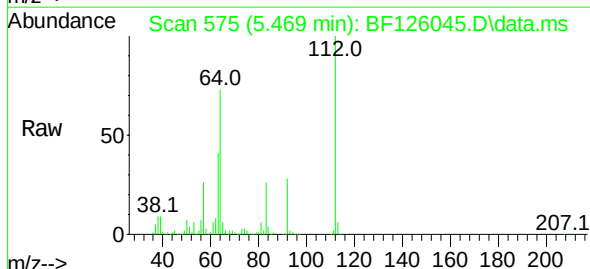
Instrument :
BNA_F
ClientSampleId :
EXTERIOR-WALLS

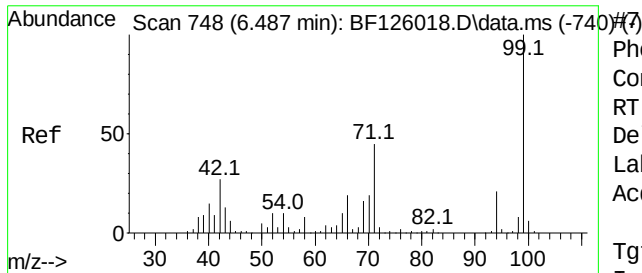
Tgt Ion:152 Resp: 127343
Ion Ratio Lower Upper
152 100
150 148.2 117.6 176.4
115 66.8 47.1 70.7



2-Fluorophenol
Concen: 84.61 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126045.D
Acq: 4 Nov 2021 14:52

Tgt Ion:112 Resp: 627388
Ion Ratio Lower Upper
112 100
64 73.3 44.2 66.2#
63 40.8 26.2 39.2#





Phenol-d6

Concen: 75.80 ng

RT: 6.475 min Scan#

Delta R.T. -0.012 min

Lab File: BF126045.D

Acq: 4 Nov 2021 14:52

Instrument :

BNA_F

ClientSampleId :

EXTERIOR-WALLS

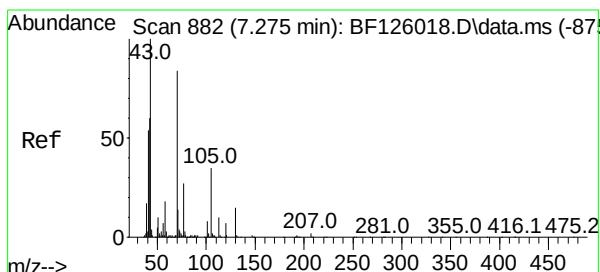
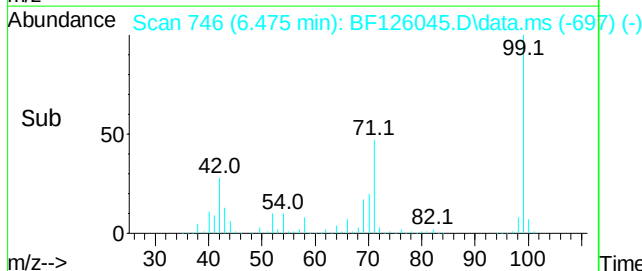
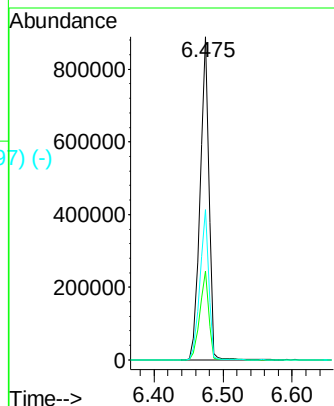
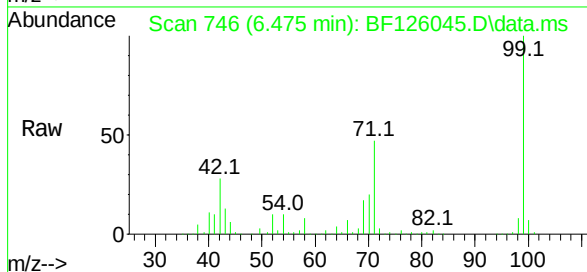
Tgt Ion: 99 Resp: 792342

Ion Ratio Lower Upper

99 100

42 27.6 23.5 35.3

71 46.6 25.6 38.4#



n-Nitroso-di-n-propylamine

Concen: 12.74 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.135 min

Lab File: BF126045.D

Acq: 4 Nov 2021 14:52

Tgt Ion: 70 Resp: 87815

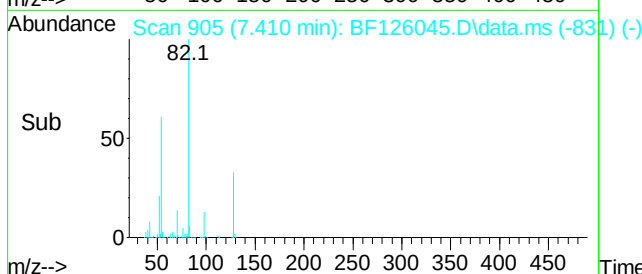
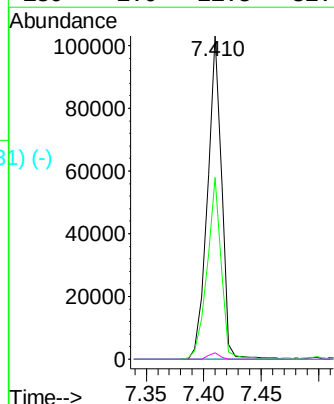
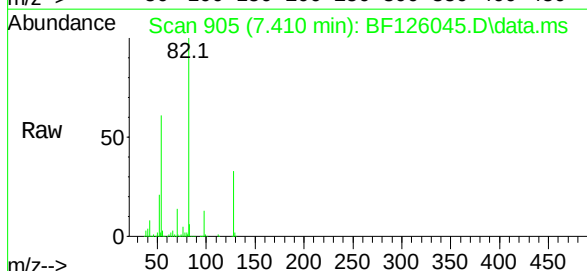
Ion Ratio Lower Upper

70 100

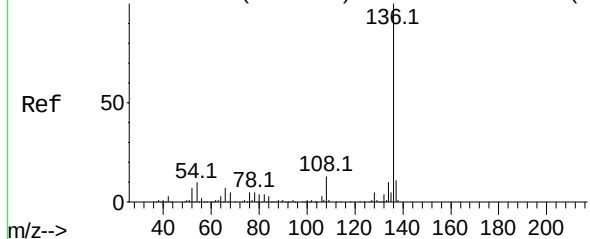
42 56.3 72.2 108.2#

101 0.0 7.8 11.8#

130 2.0 21.8 32.6#



Abundance Scan 1029 (8.139 min): BF126018.D\data.ms (-1021)



Naphthalene-d8

Concen: 20.00 ng

RT: 8.133 min Scan#

Delta R.T. -0.006 min

Lab File: BF126045.D

Acq: 4 Nov 2021 14:52

Instrument :

BNA_F

ClientSampleId :

EXTERIOR-WALLS

Tgt Ion:136 Resp: 441733

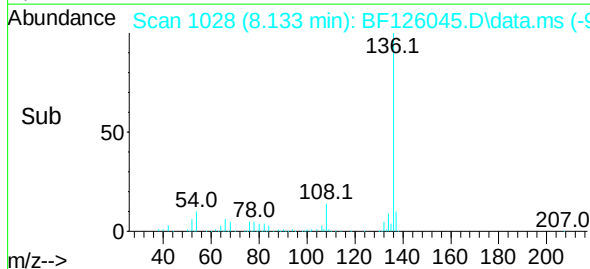
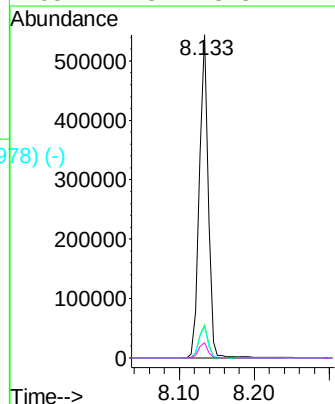
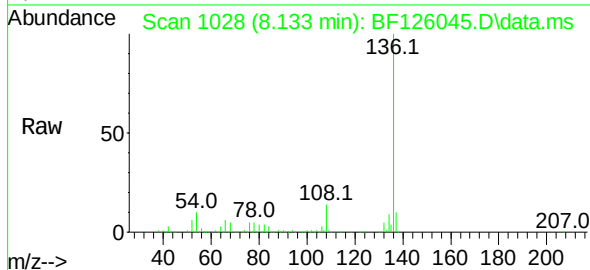
Ion Ratio Lower Upper

136 100

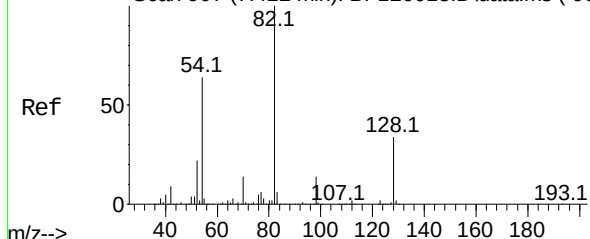
137 10.3 9.8 14.6

54 9.6 6.4 9.6#

68 4.8 3.3 4.9



Abundance Scan 907 (7.422 min): BF126018.D\data.ms (-901) (-)



Nitrobenzene-d5

Concen: 64.07 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF126045.D

Acq: 4 Nov 2021 14:52

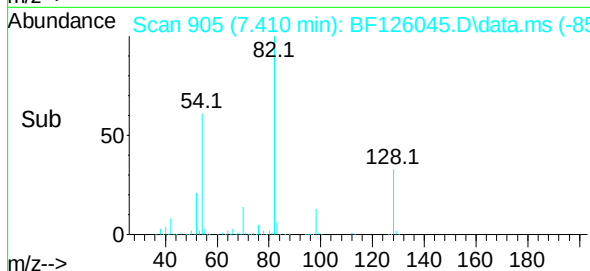
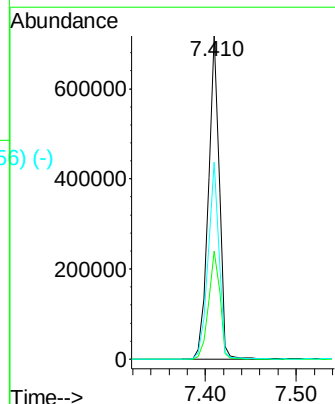
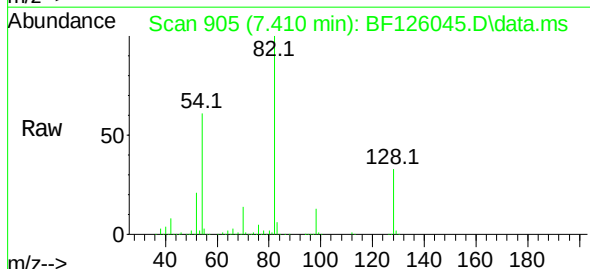
Tgt Ion: 82 Resp: 600147

Ion Ratio Lower Upper

82 100

128 33.4 40.6 60.8#

54 60.9 49.6 74.4



Abundance Scan 951 (7.681 min): BF126018.D\data.ms (-944) #25

Isophorone

Concen: 35.20 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.271 min

Lab File: BF126045.D

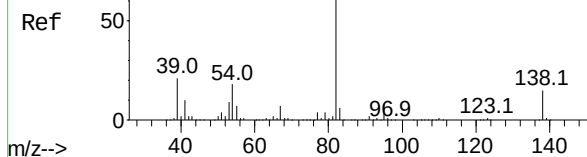
Acq: 4 Nov 2021 14:52

Instrument :

BNA_F

ClientSampleId :

EXTERIOR-WALLS



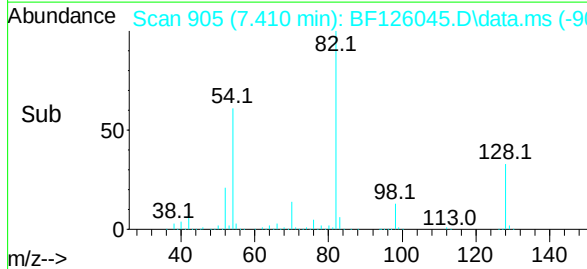
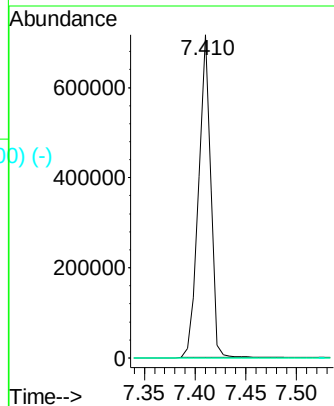
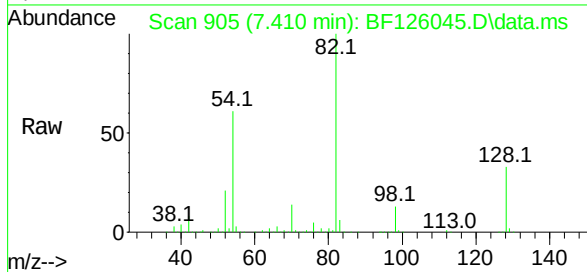
Tgt Ion: 82 Resp: 593576

Ion Ratio Lower Upper

82 100

95 0.1 6.5 9.7#

138 0.0 18.4 27.6#



Abundance Scan 991 (7.916 min): BF126018.D\data.ms (-974) #32

Benzoic acid

Concen: 9.21 ng

RT: 7.822 min Scan# 975

Delta R.T. -0.094 min

Lab File: BF126045.D

Acq: 4 Nov 2021 14:52

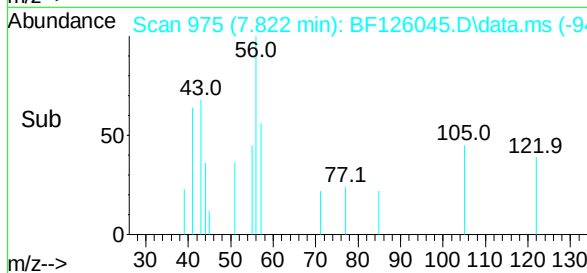
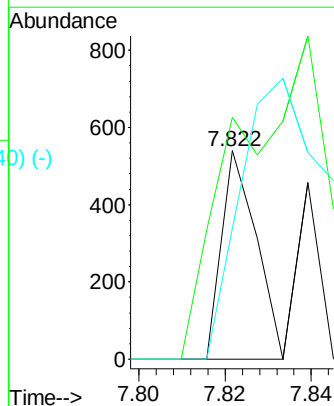
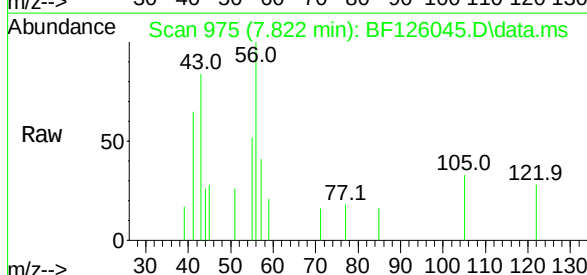
Tgt Ion: 122 Resp: 301

Ion Ratio Lower Upper

122 100

105 115.9 97.6 137.6

77 62.6 59.6 99.6



Abundance Scan 1327 (9.892 min): BF126018.D\data.ms (-1327) (-)

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.886 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF126045.D

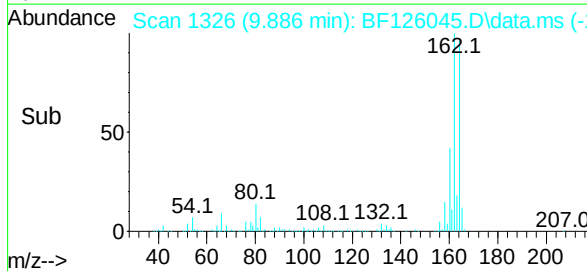
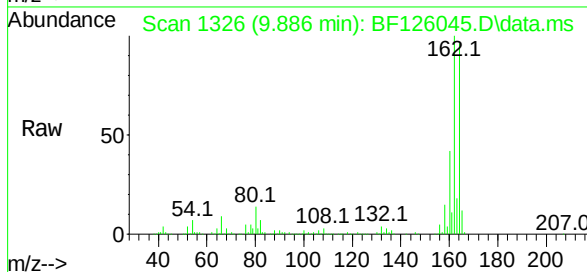
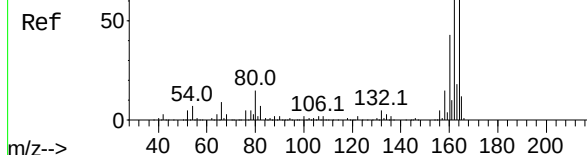
Acq: 4 Nov 2021 14:52

Instrument :

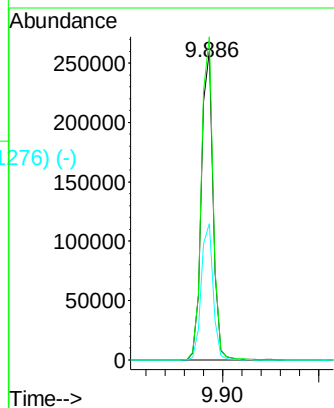
BNA_F

ClientSampleId :

EXTERIOR-WALLS



Tgt Ion:	164	Resp:	221230
Ion Ratio	Lower	Upper	
164	100		
162	104.7	81.3	121.9
160	44.1	38.0	57.0



Abundance Scan 1461 (10.680 min): BF126018.D\data.ms (-1461) (-)

2,4,6-Tribromophenol

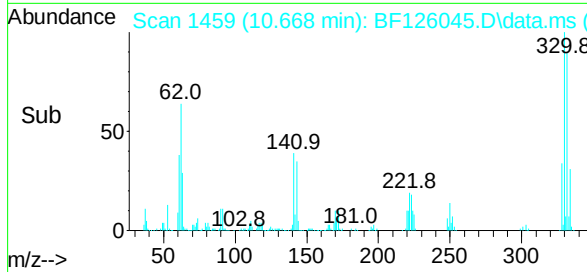
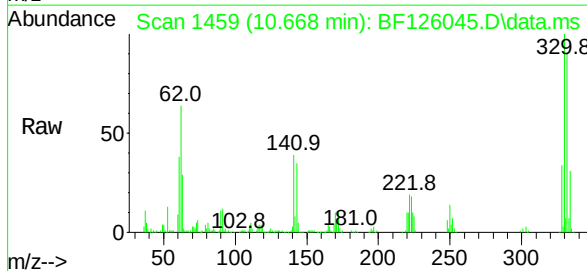
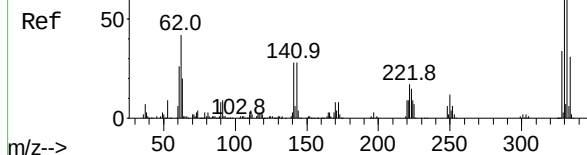
Concen: 68.89 ng

RT: 10.668 min Scan# 1459

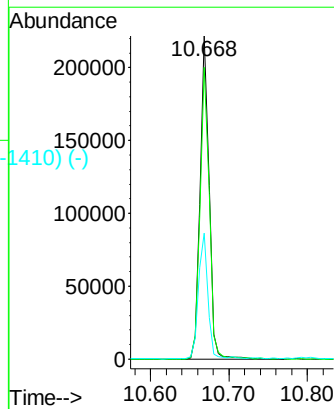
Delta R.T. -0.012 min

Lab File: BF126045.D

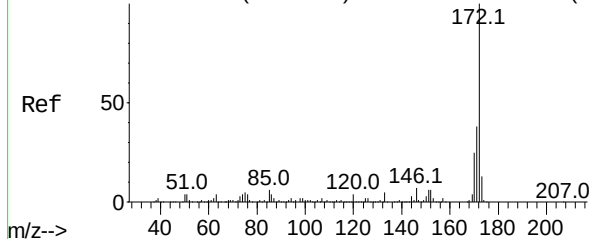
Acq: 4 Nov 2021 14:52



Tgt Ion:	330	Resp:	174665
Ion Ratio	Lower	Upper	
330	100		
332	92.6	76.2	114.4
141	39.9	44.6	66.8#



Abundance Scan 1212 (9.216 min): BF126018.D\data.ms (-126018)



2-Fluorobiphenyl

Concen: 63.18 ng

RT: 9.210 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF126045.D

Acq: 4 Nov 2021 14:52

Instrument :

BNA_F

ClientSampleId :

EXTERIOR-WALLS

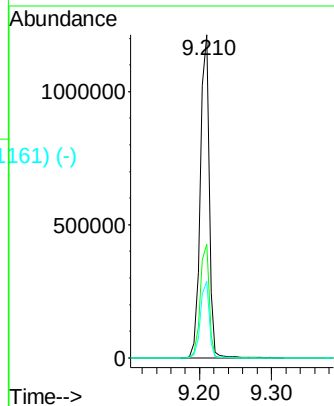
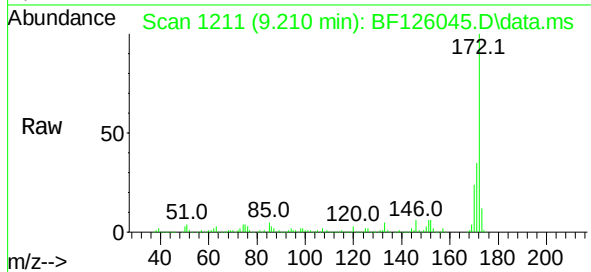
Tgt Ion:172 Resp: 1034365

Ion Ratio Lower Upper

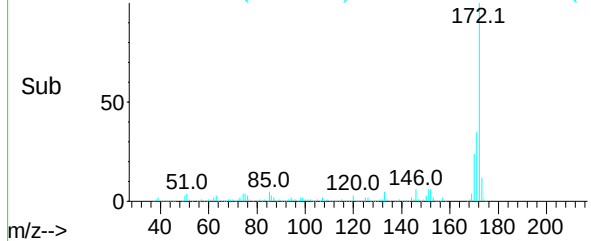
172 100

171 35.2 26.5 39.7

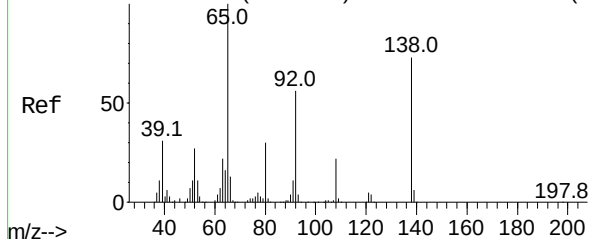
170 23.7 18.8 28.2



Abundance Scan 1211 (9.210 min): BF126045.D\data.ms (-1161) (-)



Abundance Scan 1248 (9.428 min): BF126018.D\data.ms (-12418)



2-Nitroaniline

Concen: 2.88 ng

RT: 9.439 min Scan# 1250

Delta R.T. 0.011 min

Lab File: BF126045.D

Acq: 4 Nov 2021 14:52

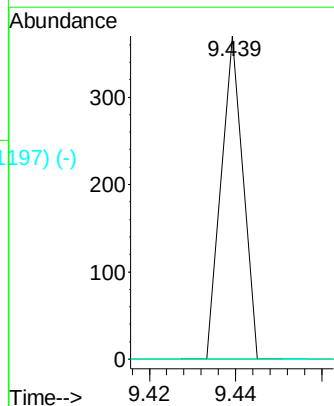
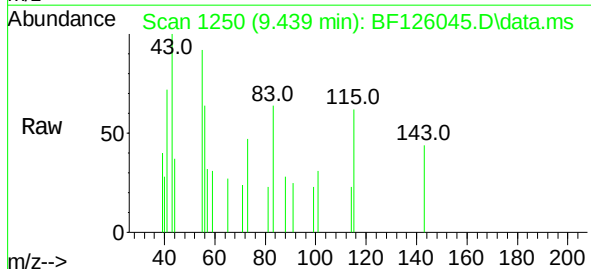
Tgt Ion: 65 Resp: 131

Ion Ratio Lower Upper

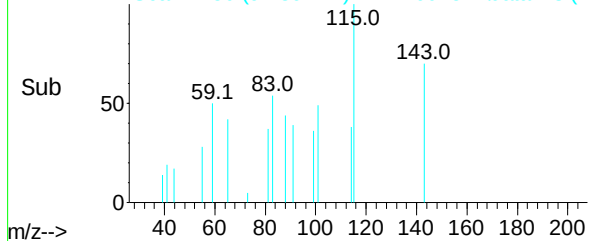
65 100

92 0.0 55.5 83.3#

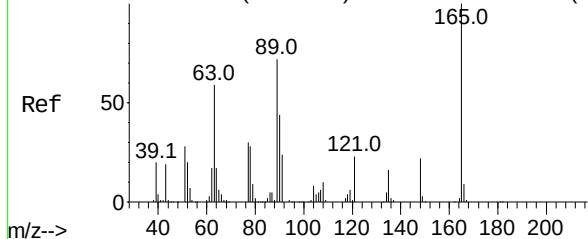
138 0.0 93.5 140.3#



Abundance Scan 1250 (9.439 min): BF126045.D\data.ms (-1197) (-)



Abundance Scan 1290 (9.675 min): BF126018.D\data.ms (-12851)



2,6-Dinitrotoluene

Concen: 9.88 ng

RT: 9.886 min Scan#

Delta R.T. 0.211 min

Lab File: BF126045.D

Acq: 4 Nov 2021 14:52

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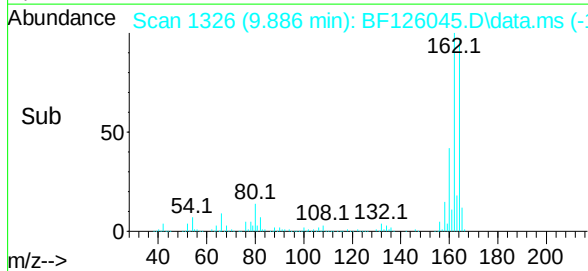
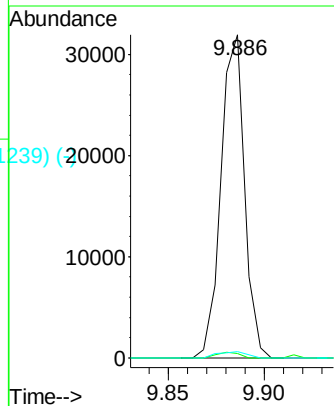
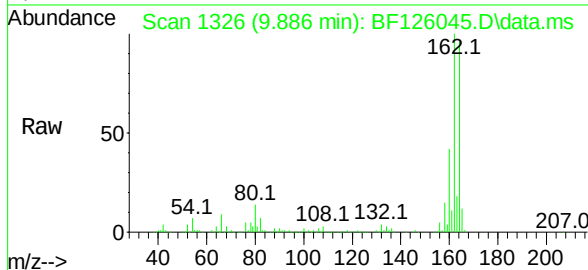
Tgt Ion:165 Resp: 27270

Ion Ratio Lower Upper

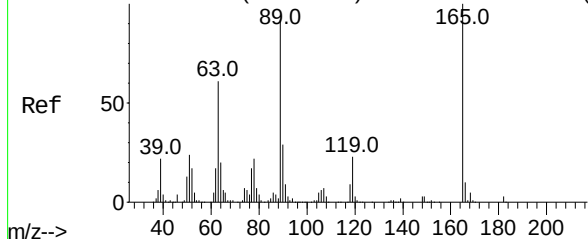
165 100

63 1.4 42.6 63.8#

89 1.9 40.6 60.8#



Abundance Scan 1358 (10.075 min): BF126018.D\data.ms (-1351)



2,4-Dinitrotoluene

Concen: 9.57 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.189 min

Lab File: BF126045.D

Acq: 4 Nov 2021 14:52

Tgt Ion:165 Resp: 27270

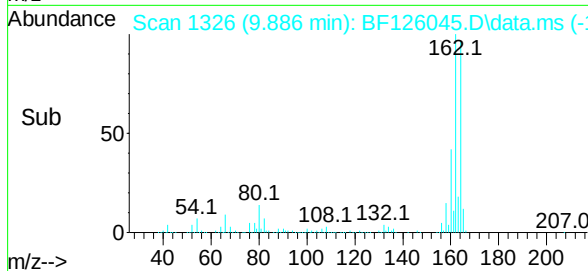
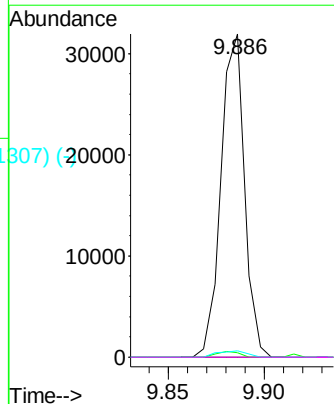
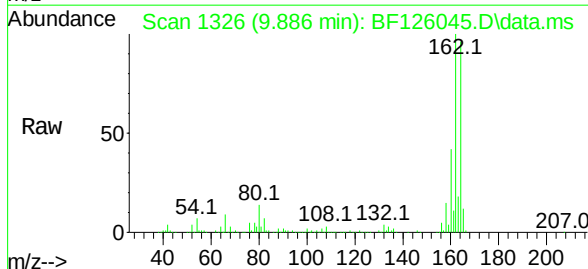
Ion Ratio Lower Upper

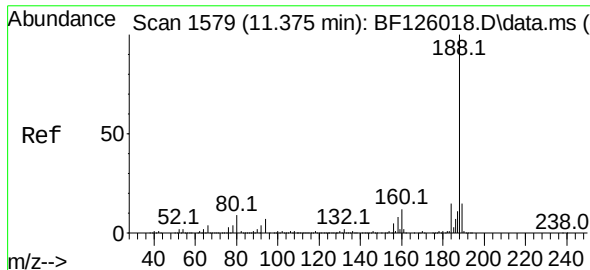
165 100

63 1.4 40.9 61.3#

89 1.9 59.7 89.5#

182 0.0 0.0 0.0

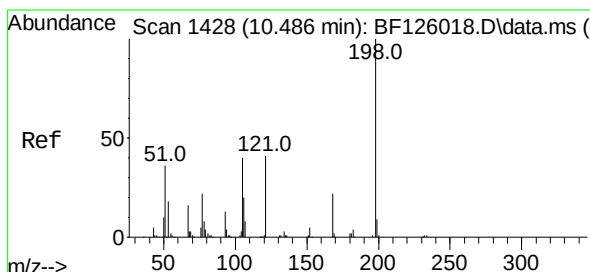
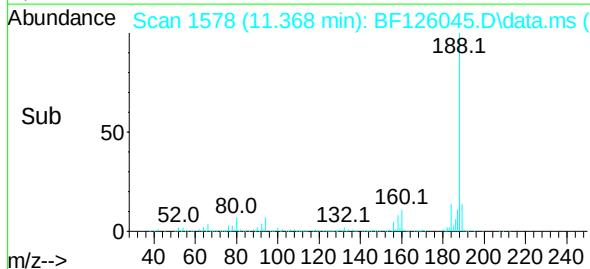
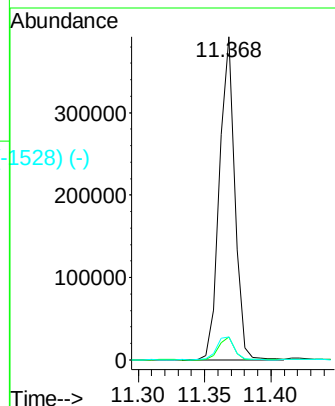
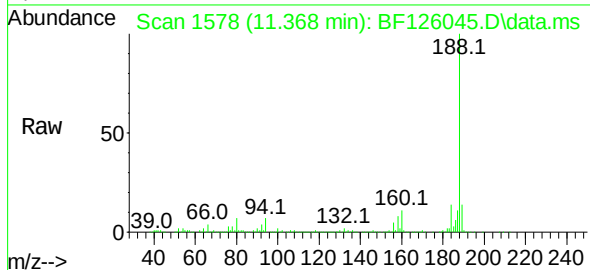




Phenanthrene-d10
Concen: 20.00 ng
RT: 11.368 min Scan# 1579
Delta R.T. -0.007 min
Lab File: BF126045.D
Acq: 4 Nov 2021 14:52

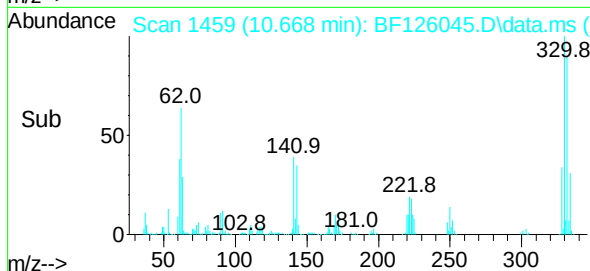
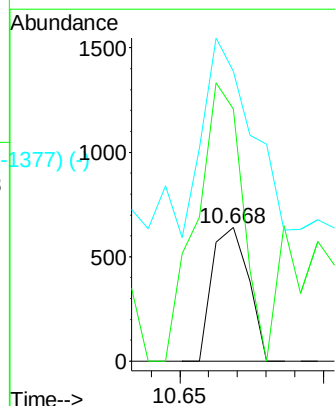
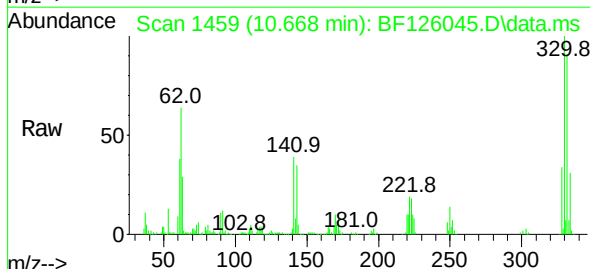
Instrument :
BNA_F
ClientSampleId :
EXTERIOR-WALLS

Tgt Ion:	188	Resp:	313996
Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.7	10.1
80	7.2	7.5	11.3#



4,6-Dinitro-2-methylphenol
Concen: 8.62 ng
RT: 10.668 min Scan# 1459
Delta R.T. 0.182 min
Lab File: BF126045.D
Acq: 4 Nov 2021 14:52

Tgt Ion:	198	Resp:	562
Ion	Ratio	Lower	Upper
198	100		
51	188.6	45.3	85.3#
105	216.9	30.6	70.6#



Abundance Scan 1502 (10.922 min): BF126018.D\data.ms (-1457) (-)

4-Bromophenyl-phenylether

Concen: 3.03 ng

RT: 10.668 min Scan#

Delta R.T. -0.254 min

Lab File: BF126045.D

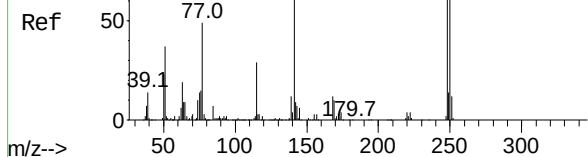
Acq: 4 Nov 2021 14:52

Instrument :

BNA_F

ClientSampleId :

EXTERIOR-WALLS



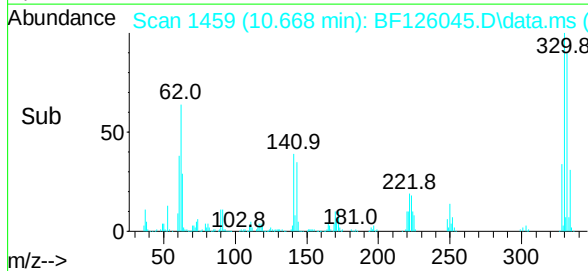
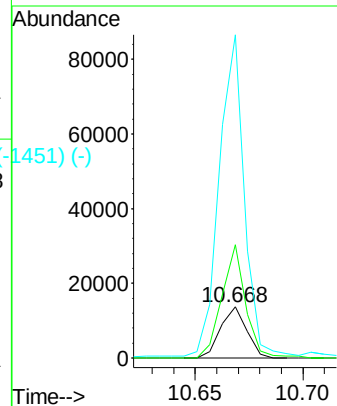
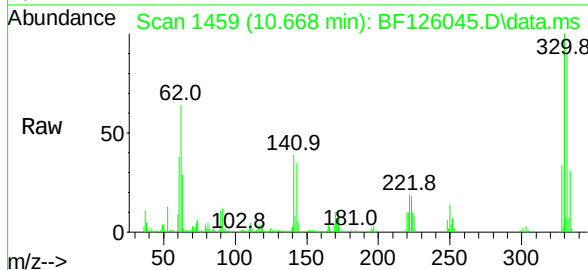
Tgt Ion:248 Resp: 11505

Ion Ratio Lower Upper

248 100

250 220.8 74.2 111.4#

141 631.2 60.4 90.6#



Abundance Scan 1785 (12.586 min): BF126018.D\data.ms (-1775) (-)

Fluoranthene

Concen: 2.63 ng

RT: 12.580 min Scan# 1784

Delta R.T. -0.006 min

Lab File: BF126045.D

Acq: 4 Nov 2021 14:52

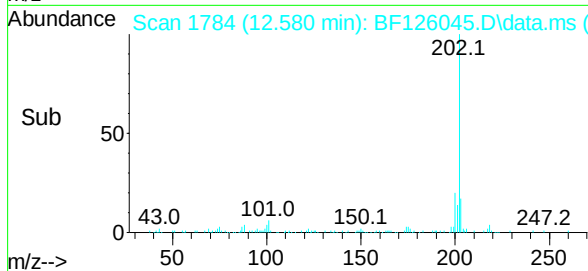
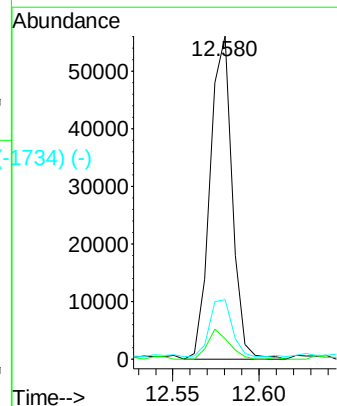
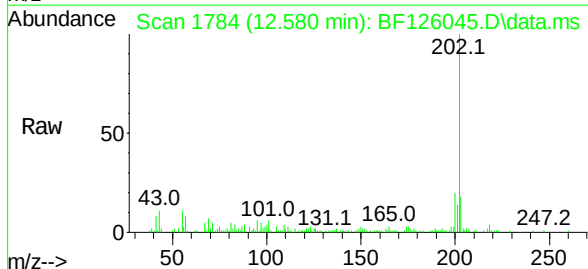
Tgt Ion:202 Resp: 49790

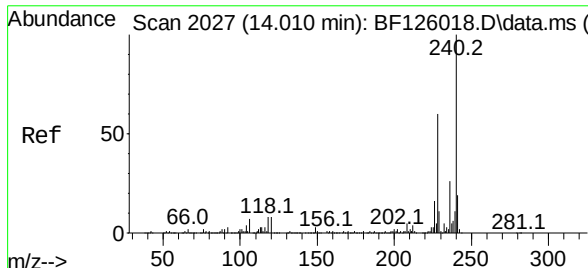
Ion Ratio Lower Upper

202 100

101 6.3 0.0 30.7

203 18.3 0.0 36.3





Chrysene-d12

Concen: 20.00 ng

RT: 14.004 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126045.D

Acq: 4 Nov 2021 14:52

Instrument :

BNA_F

ClientSampleId :

EXTERIOR-WALLS

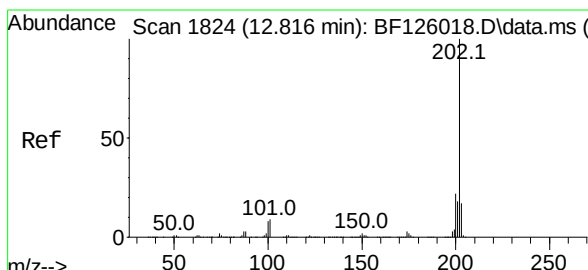
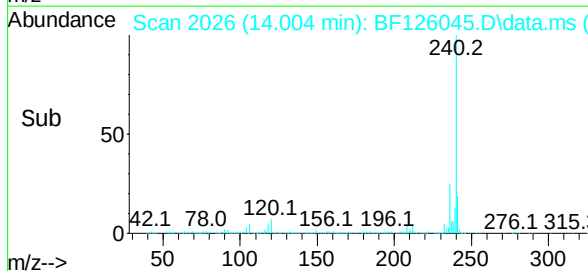
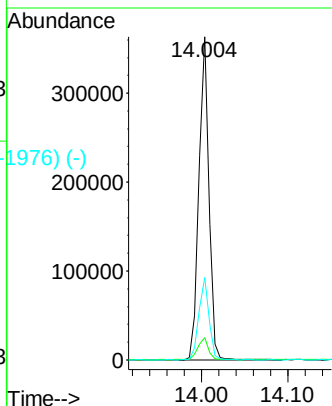
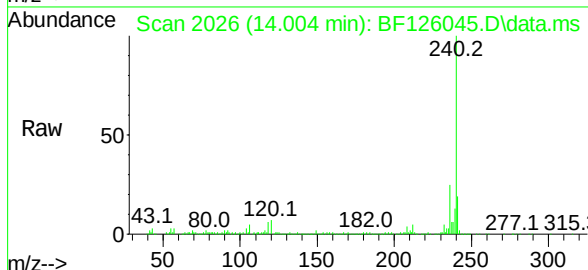
Tgt Ion:240 Resp: 291621

Ion Ratio Lower Upper

240 100

120 6.8 10.8 16.2#

236 25.4 21.6 32.4



Pyrene

Concen: 2.13 ng

RT: 12.580 min Scan# 1784

Delta R.T. -0.236 min

Lab File: BF126045.D

Acq: 4 Nov 2021 14:52

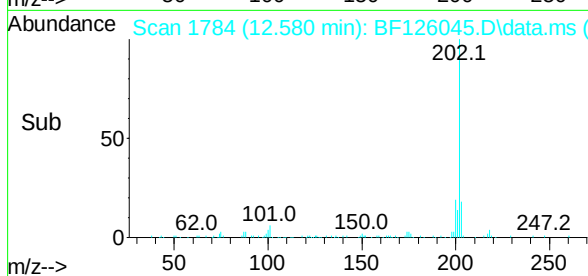
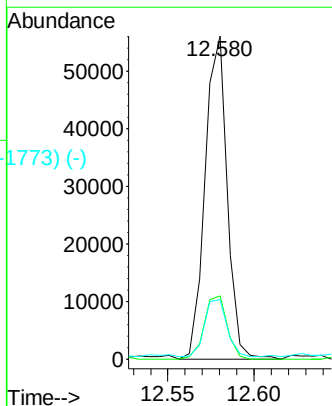
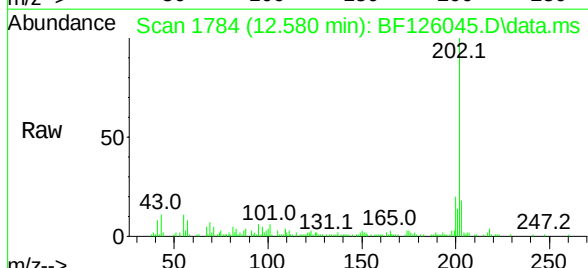
Tgt Ion:202 Resp: 49790

Ion Ratio Lower Upper

202 100

200 19.6 15.3 22.9

203 18.3 13.4 20.0



Abundance Scan 1849 (12.963 min): BF126018.D\data.ms (-1872) (-)

Terphenyl-d14

Concen: 47.81 ng

RT: 12.951 min Scan# 1849

Delta R.T. -0.012 min

Lab File: BF126045.D

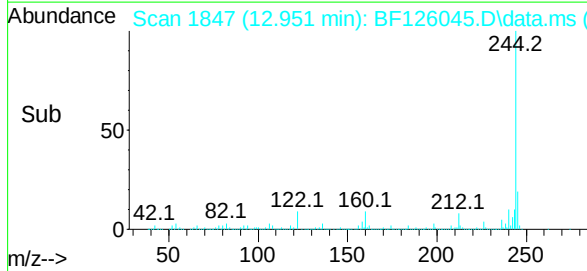
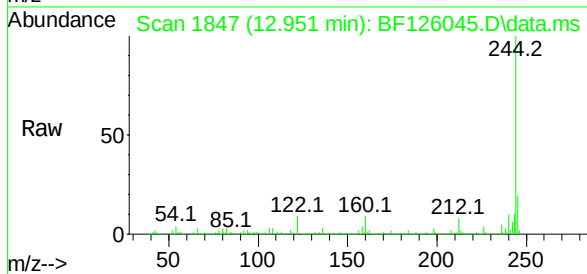
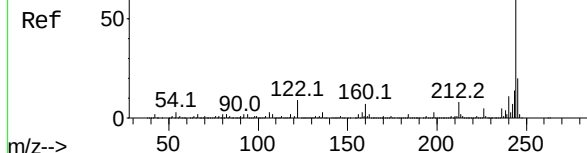
Acq: 4 Nov 2021 14:52

Instrument :

BNA_F

ClientSampleId :

EXTERIOR-WALLS



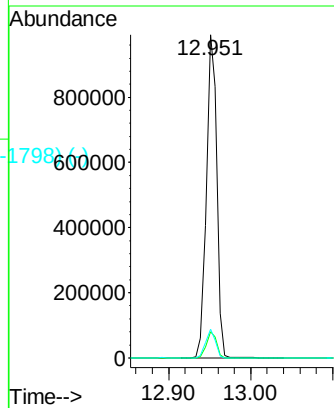
Tgt Ion:244 Resp: 864559

Ion Ratio Lower Upper

244 100

212 8.0 5.9 8.9

122 8.8 9.0 13.4#



Abundance Scan 2025 (13.998 min): BF126018.D\data.ms (-2084) (-)

Bis(2-ethylhexyl)phthalate

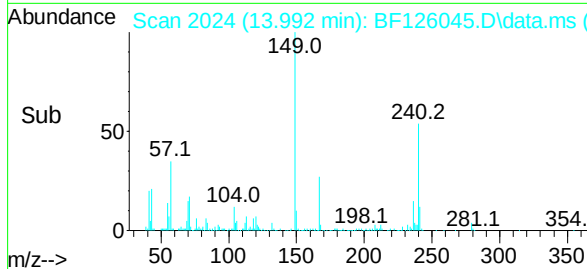
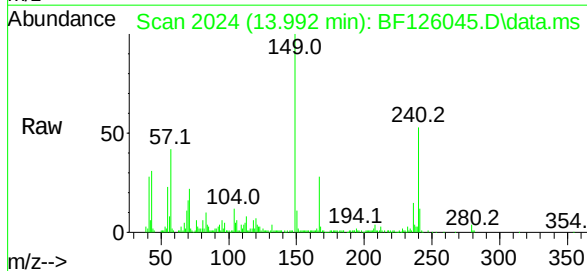
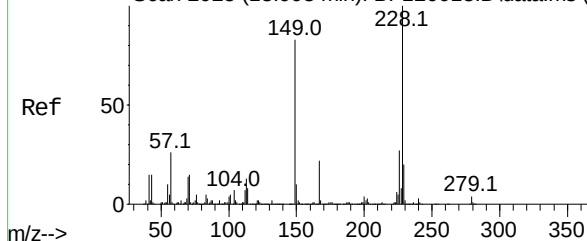
Concen: 6.32 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF126045.D

Acq: 4 Nov 2021 14:52



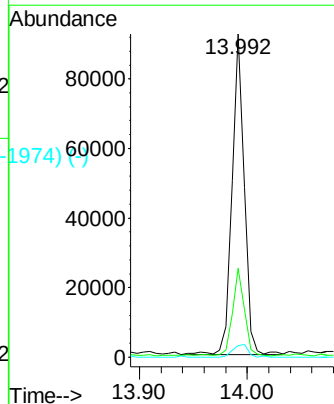
Tgt Ion:149 Resp: 74594

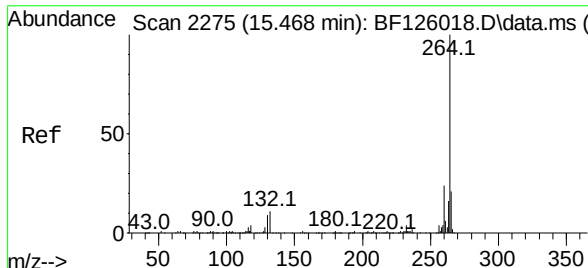
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 3.6 2.6 4.0





Perylene-d12
 Concen: 20.00 ng
 RT: 15.468 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF126045.D
 Acq: 4 Nov 2021 14:52

Instrument :
 BNA_F
 ClientSampleId :
 EXTERIOR-WALLS

Tgt Ion:	264	Resp:	321083
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	21.0	17.2	25.8

