

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127345.D
 Acq On : 16 Mar 2022 01:30
 Operator : CG\JU
 Sample : N1916-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP

Quant Time: Mar 16 05:32:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

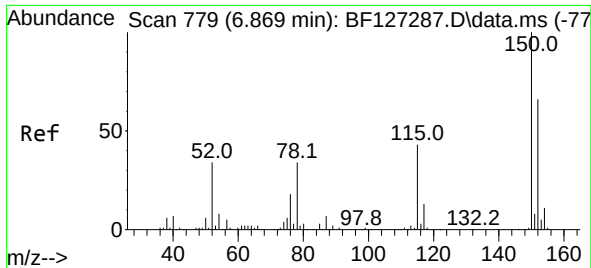
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	97675	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	372403	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	227573	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	403789	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	228148	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	227905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	229498	37.771	ng	0.00
7) Phenol-d6	6.498	99	557530	66.703	ng	0.00
23) Nitrobenzene-d5	7.433	82	577891	64.086	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	45731	18.667	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	1011009	62.809	ng	0.00
79) Terphenyl-d14	12.986	244	1026104	77.445	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	1049	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.433	70	78895	15.126	ng	# 86
25) Isophorone	7.433	82	577879	39.854	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	28568	8.661	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	28568	6.582	ng	# 15
77) Benzidine	12.986	184	12718	2.192	ng	# 94

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

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QLast Update : Thu Mar 10 16:51:53 2022
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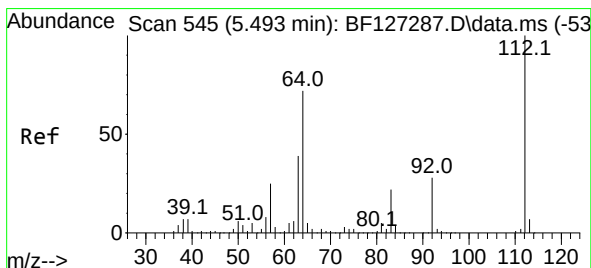
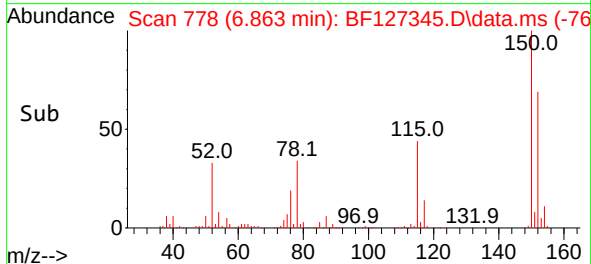
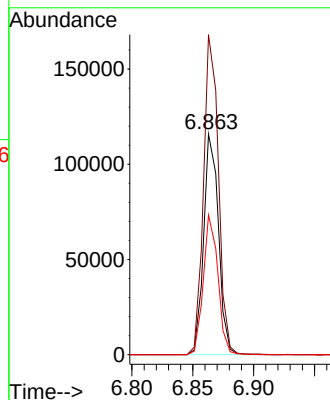
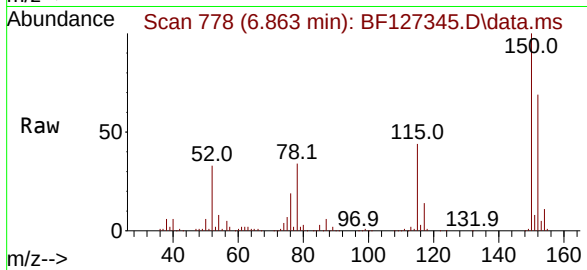




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF127345.D
Acq: 16 Mar 2022 01:30

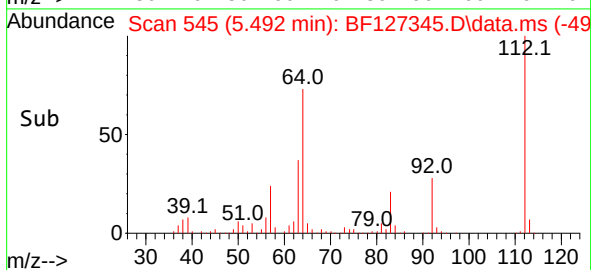
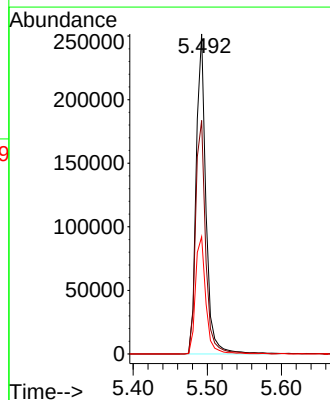
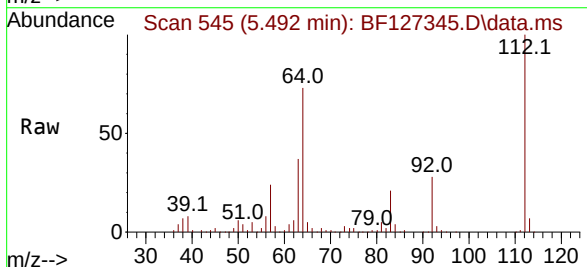
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP

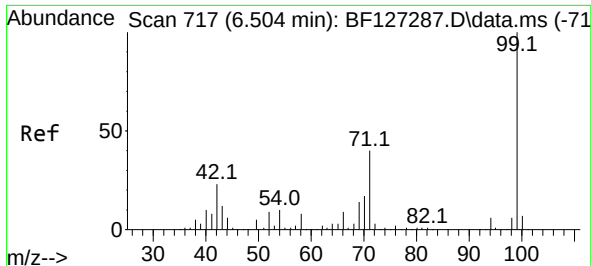
Tgt Ion:152 Resp: 97675
Ion Ratio Lower Upper
152 100
150 145.0 128.1 192.1
115 63.3 56.7 85.1



#5
2-Fluorophenol
Concen: 37.771 ng
RT: 5.492 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127345.D
Acq: 16 Mar 2022 01:30

Tgt Ion:112 Resp: 229498
Ion Ratio Lower Upper
112 100
64 72.9 49.5 74.3
63 36.6 23.9 35.9#

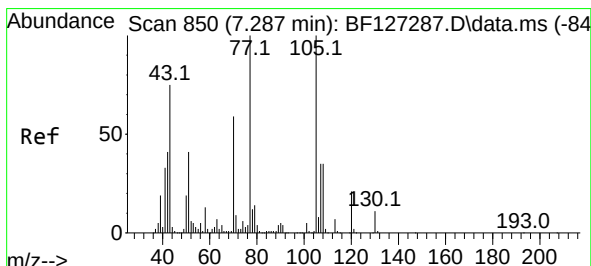
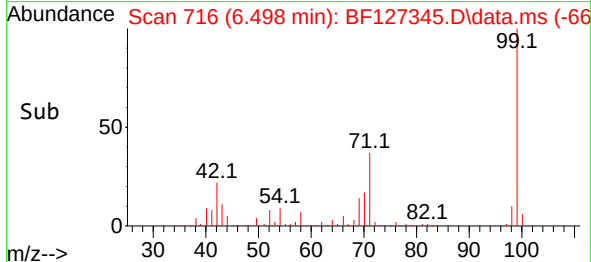
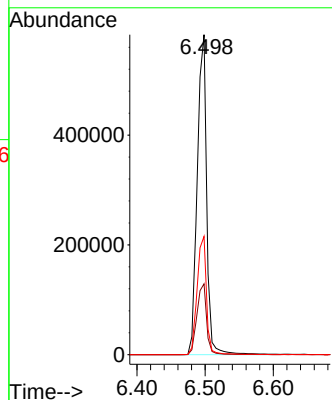
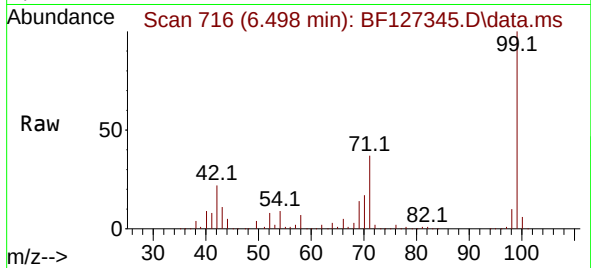




#7
Phenol-d6
Concen: 66.703 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127345.D
Acq: 16 Mar 2022 01:30

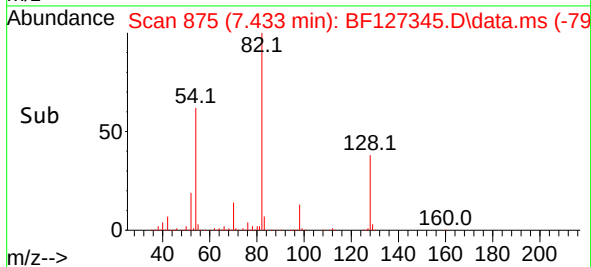
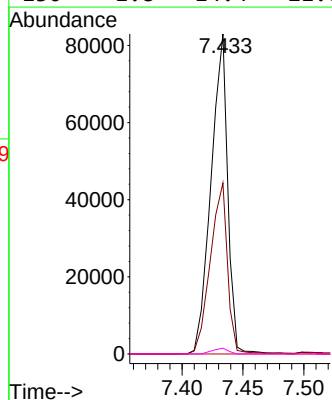
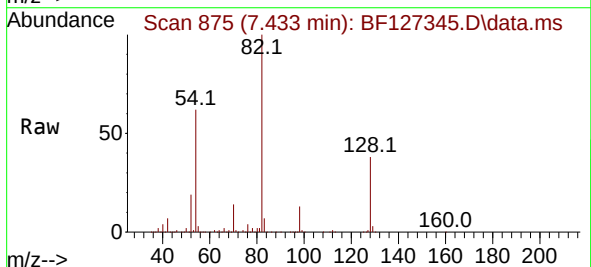
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP

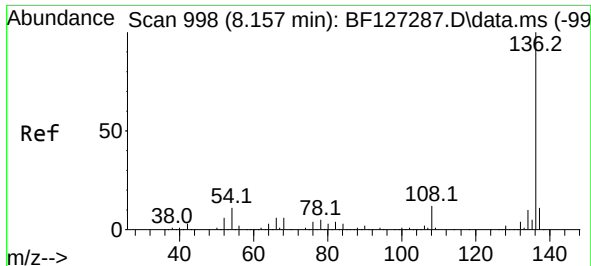
Tgt Ion: 99 Resp: 557530
Ion Ratio Lower Upper
99 100
42 22.2 14.2 21.4#
71 36.9 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 15.126 ng
RT: 7.433 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127345.D
Acq: 16 Mar 2022 01:30

Tgt Ion: 70 Resp: 78895
Ion Ratio Lower Upper
70 100
42 53.4 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

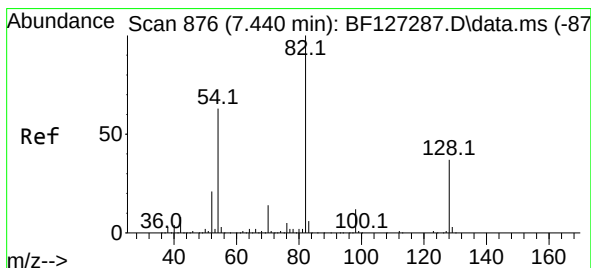
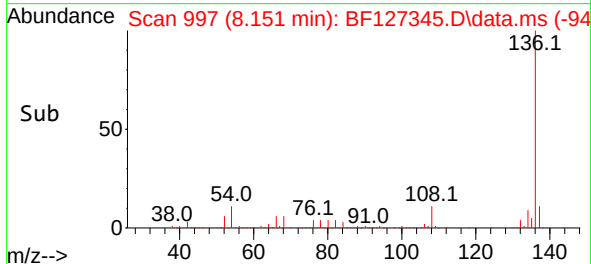
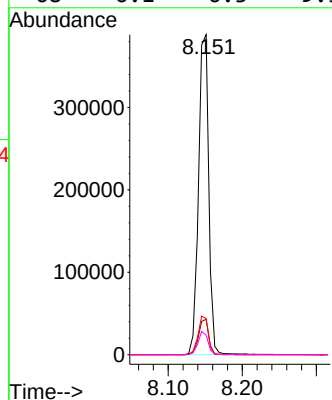
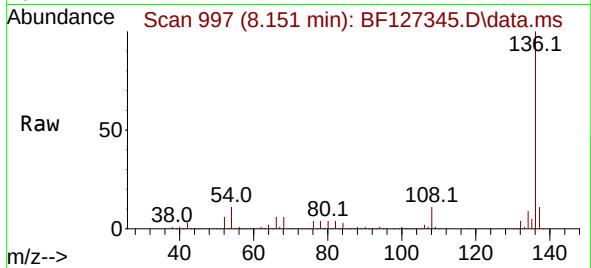




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127345.D
Acq: 16 Mar 2022 01:30

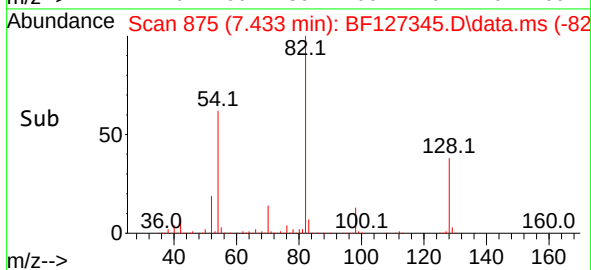
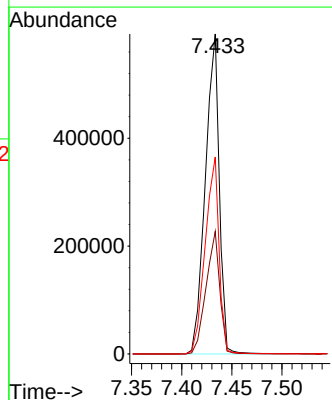
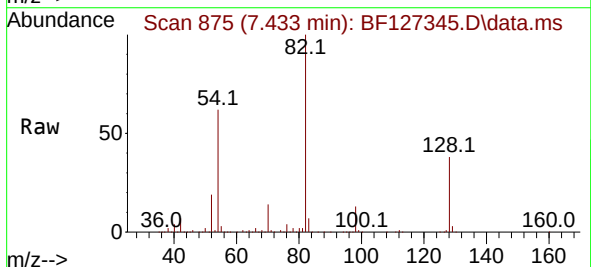
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP

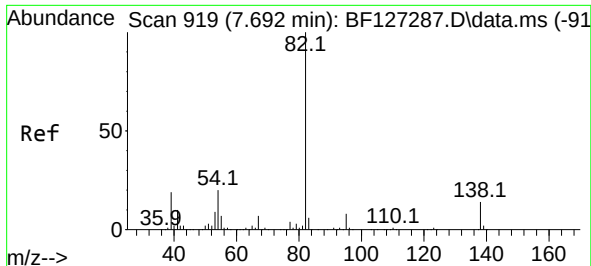
Tgt Ion:136 Resp: 372403
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 11.3 7.8 11.6
68 6.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 64.086 ng
RT: 7.433 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127345.D
Acq: 16 Mar 2022 01:30

Tgt Ion: 82 Resp: 577891
Ion Ratio Lower Upper
82 100
128 38.3 32.7 49.1
54 61.6 41.7 62.5

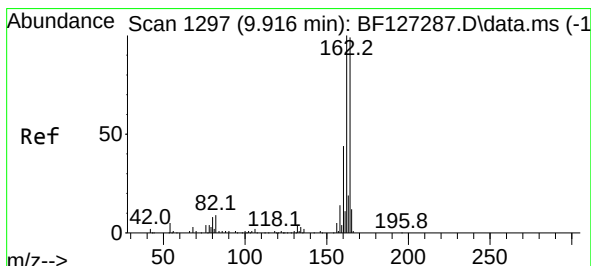
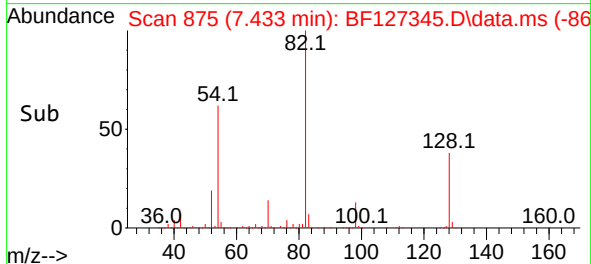
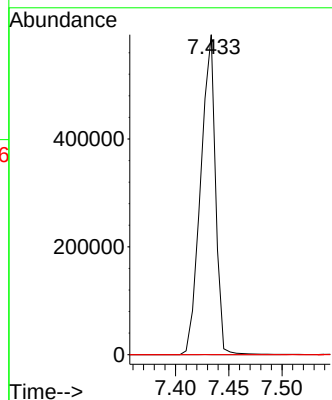
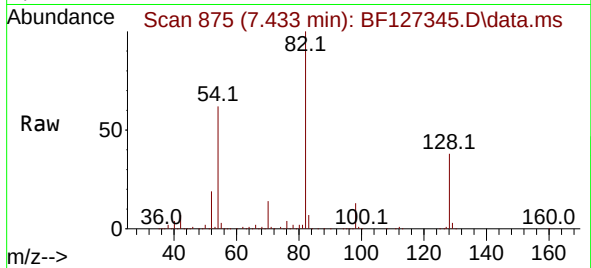




#25
Isophorone
Concen: 39.854 ng
RT: 7.433 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127345.D
Acq: 16 Mar 2022 01:30

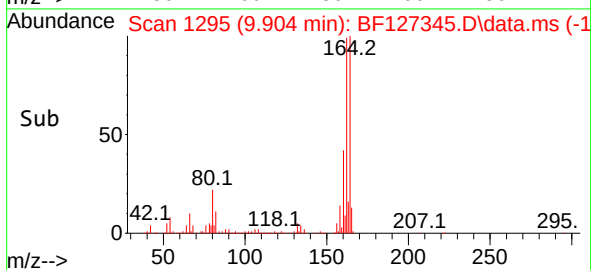
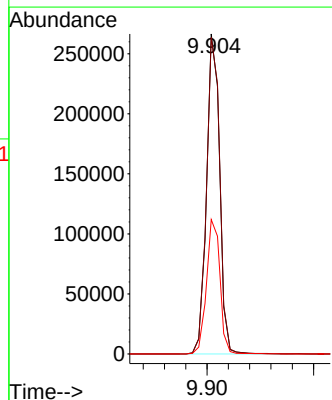
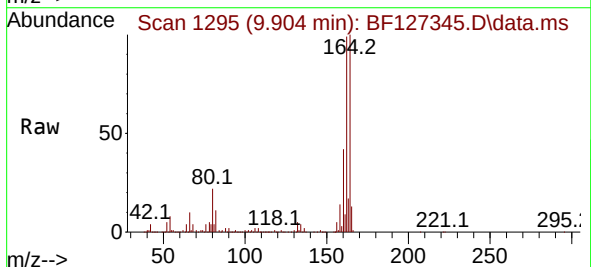
Instrument :
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ClientSampleId :
CONCRETE-COMP

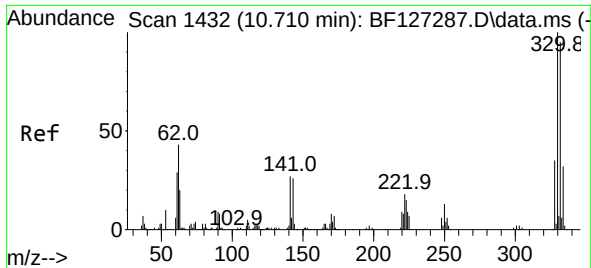
Tgt Ion: 82 Resp: 577879
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127345.D
Acq: 16 Mar 2022 01:30

Tgt Ion:164 Resp: 227573
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.0
160 42.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 18.667 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127345.D

Acq: 16 Mar 2022 01:30

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP

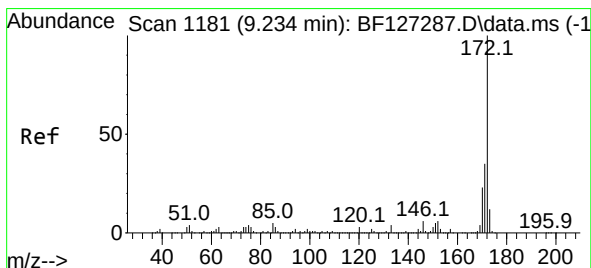
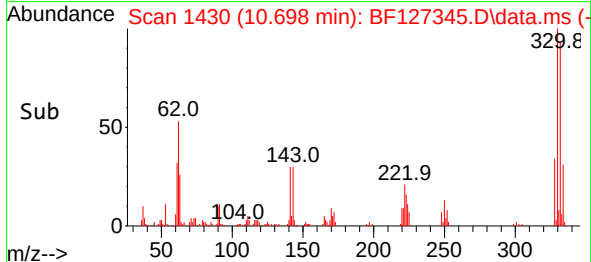
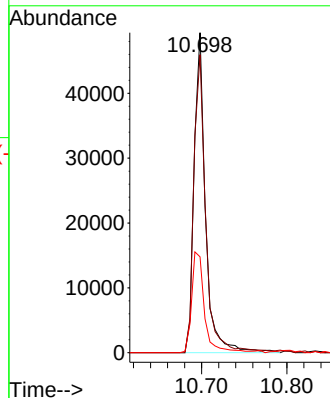
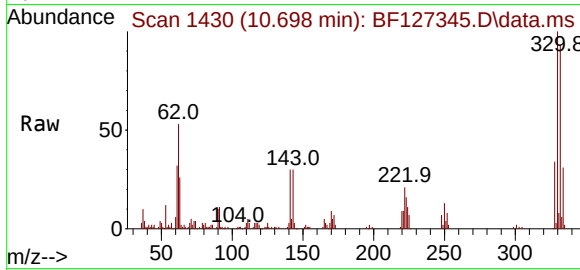
Tgt Ion:330 Resp: 45731

Ion Ratio Lower Upper

330 100

332 97.6 76.0 114.0

141 35.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 62.809 ng

RT: 9.227 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127345.D

Acq: 16 Mar 2022 01:30

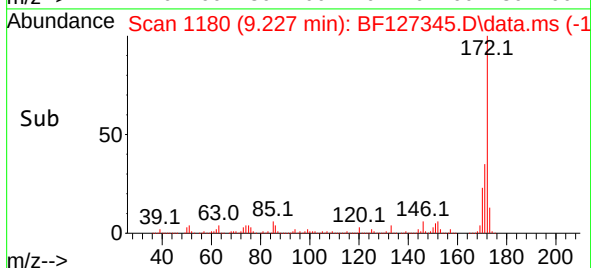
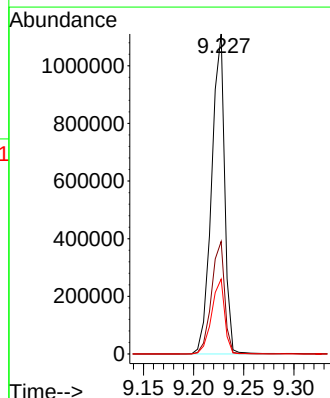
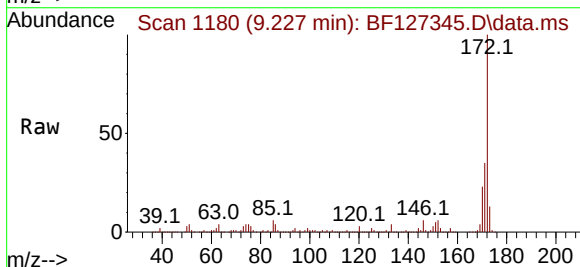
Tgt Ion:172 Resp: 1011009

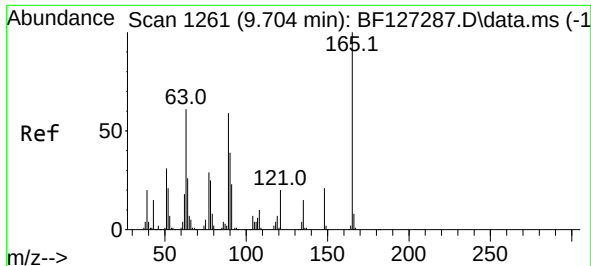
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.661 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF127345.D

Acq: 16 Mar 2022 01:30

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP

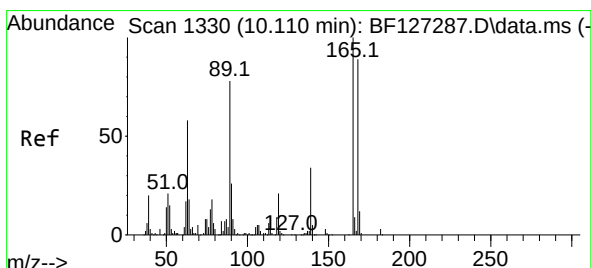
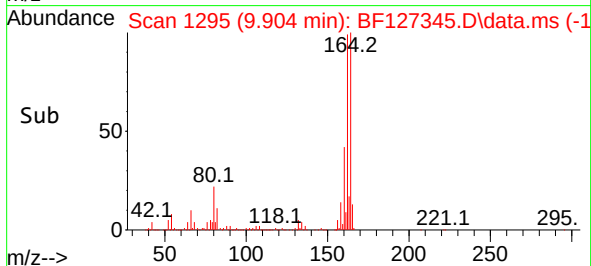
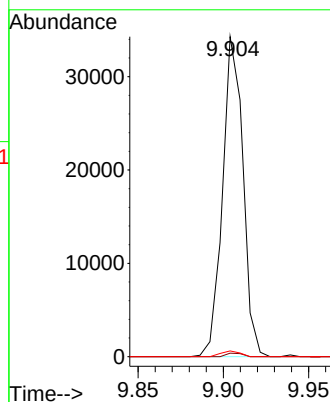
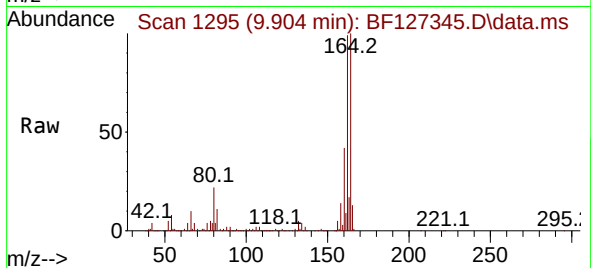
Tgt Ion:165 Resp: 28568

Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 1.8 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.582 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.206 min

Lab File: BF127345.D

Acq: 16 Mar 2022 01:30

Tgt Ion:165 Resp: 28568

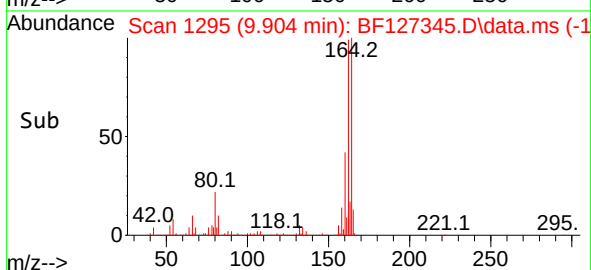
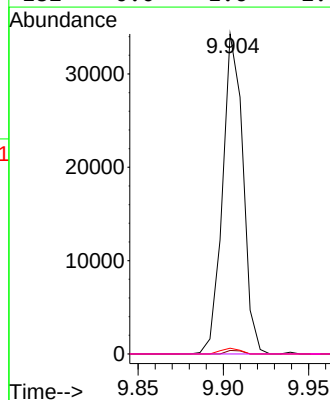
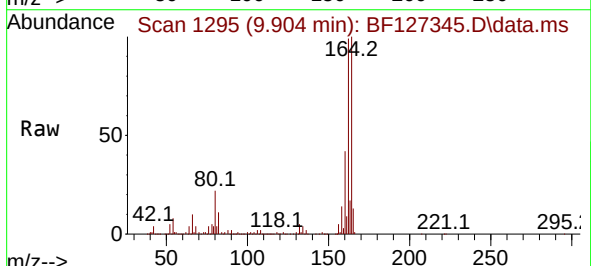
Ion Ratio Lower Upper

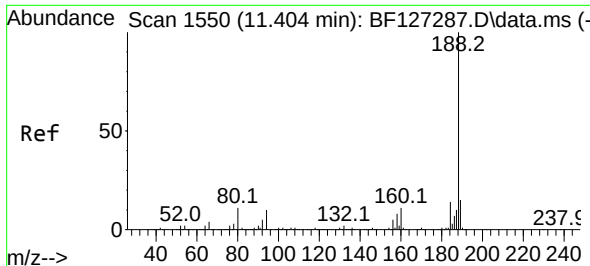
165 100

63 1.1 43.0 64.6#

89 1.8 71.0 106.4#

182 0.0 1.6 2.4#

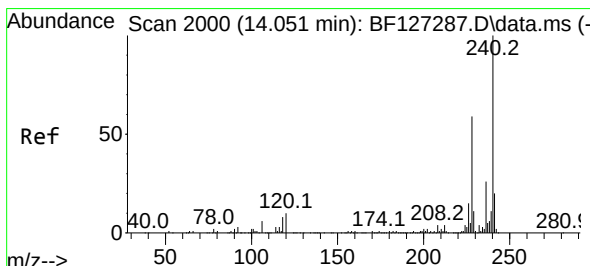
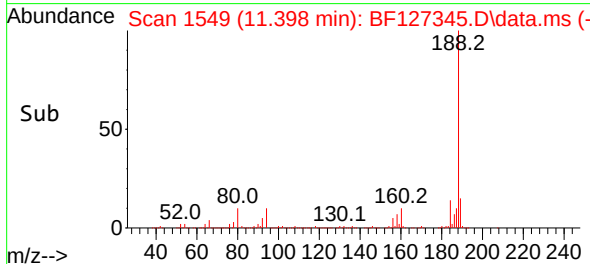
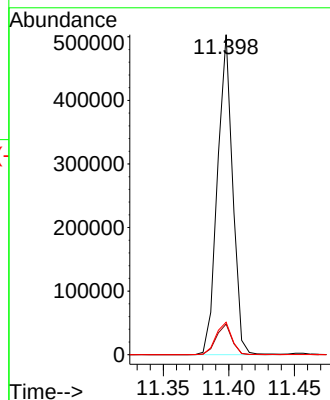
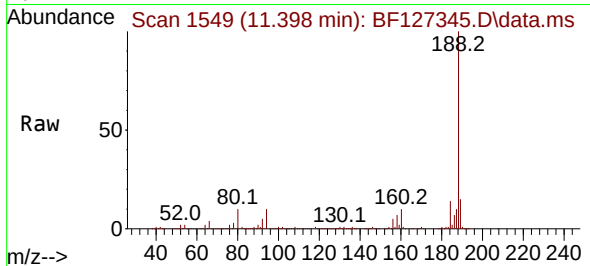




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127345.D
Acq: 16 Mar 2022 01:30

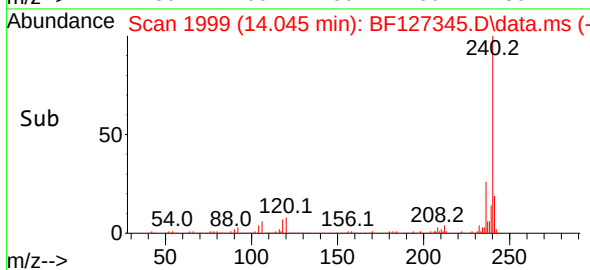
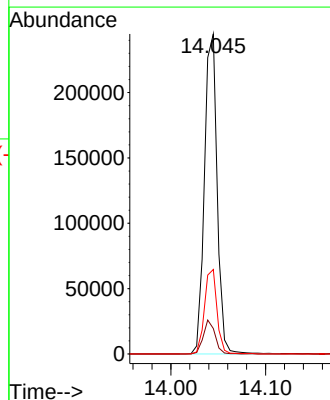
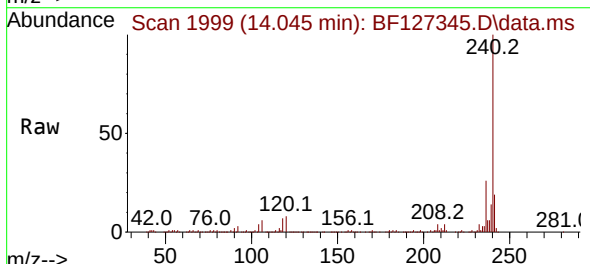
Instrument :
BNA_F
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CONCRETE-COMP

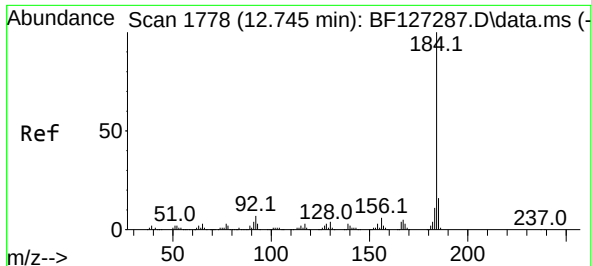
Tgt Ion:188 Resp: 403789
Ion Ratio Lower Upper
188 100
94 9.5 10.1 15.1#
80 10.2 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127345.D
Acq: 16 Mar 2022 01:30

Tgt Ion:240 Resp: 228148
Ion Ratio Lower Upper
240 100
120 8.0 14.4 21.6#
236 26.4 20.5 30.7

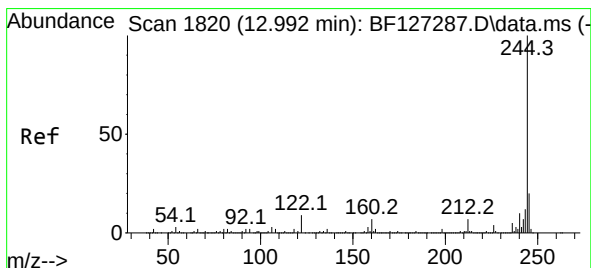
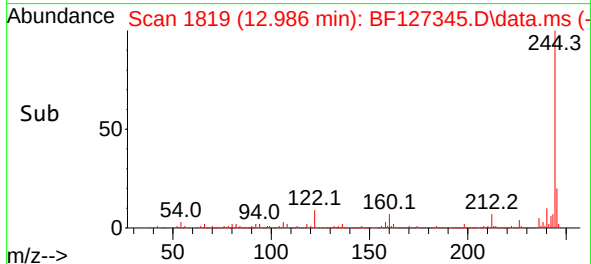
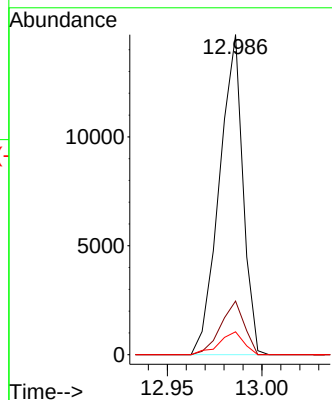
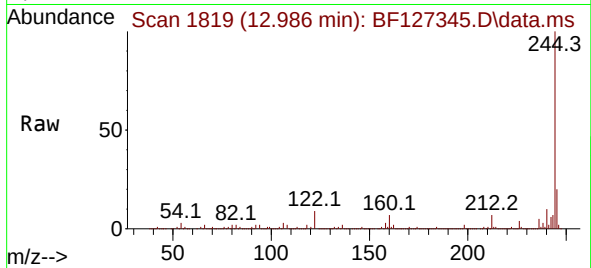




#77
Benzidine
Concen: 2.192 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.241 min
Lab File: BF127345.D
Acq: 16 Mar 2022 01:30

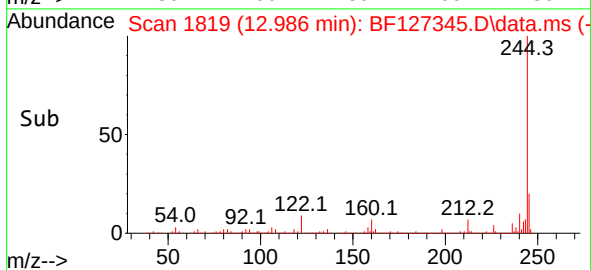
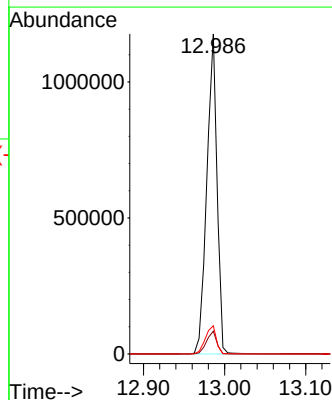
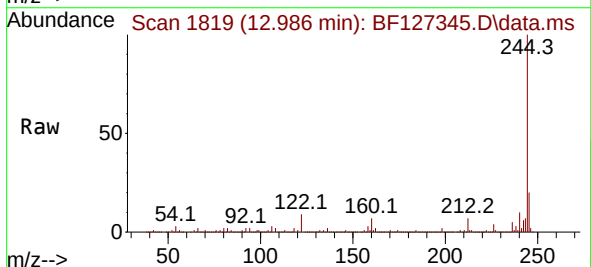
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP

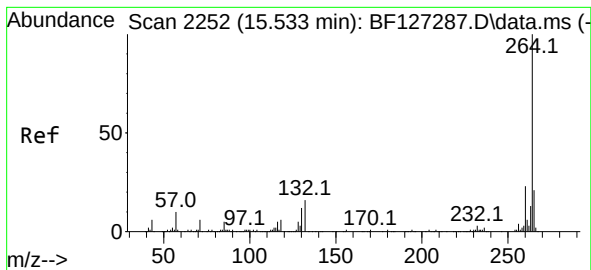
Tgt Ion:184 Resp: 12718
Ion Ratio Lower Upper
184 100
185 16.8 11.8 17.8
183 7.2 8.2 12.2#



#79
Terphenyl-d14
Concen: 77.445 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF127345.D
Acq: 16 Mar 2022 01:30

Tgt Ion:244 Resp: 1026104
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 8.8 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127345.D

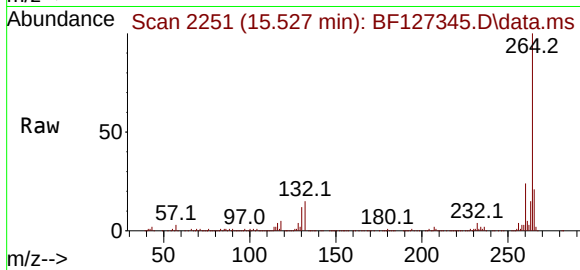
Acq: 16 Mar 2022 01:30

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP



Tgt Ion:264 Resp: 227905

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.0 17.4 26.2

