

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127342.D
 Acq On : 16 Mar 2022 00:04
 Operator : CG\JU
 Sample : N1942-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-DRUM-C

Quant Time: Mar 16 05:31:48 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

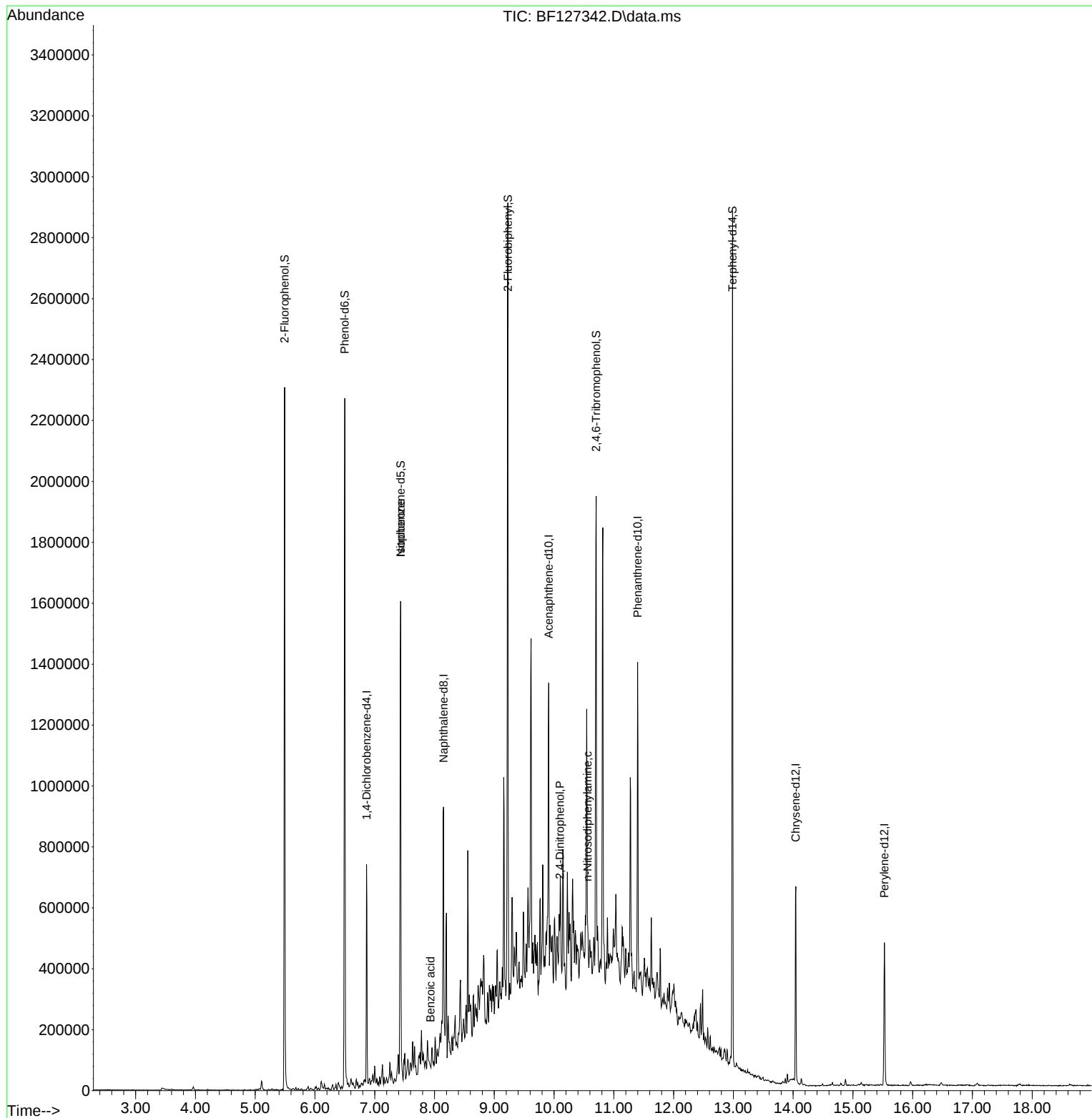
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	91261	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	335231	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	196010	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	366866	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	229753	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	208229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	528417	93.081	ng	0.00
7) Phenol-d6	6.498	99	717987	91.937	ng	0.00
23) Nitrobenzene-d5	7.434	82	490454	60.421	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	192836	91.390	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	822982	59.360	ng	0.00
79) Terphenyl-d14	12.986	244	942253	70.620	ng	0.00
Target Compounds						
9) Benzaldehyde	6.387	77	67	Below Cal	#	3
25) Isophorone	7.434	82	489507	37.503	ng	# 69
32) Benzoic acid	7.934	122	550	6.766	ng	# 15
54) 2,4-Dinitrophenol	10.098	184	429	4.107	ng	# 1
66) n-Nitrosodiphenylamine	10.563	169	32436	2.847	ng	# 41

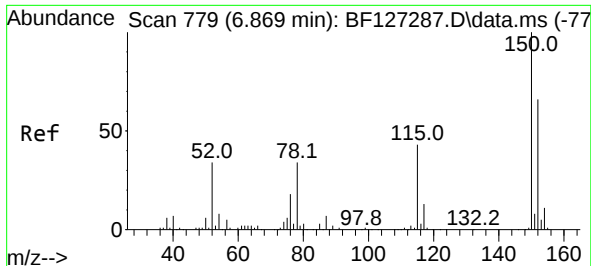
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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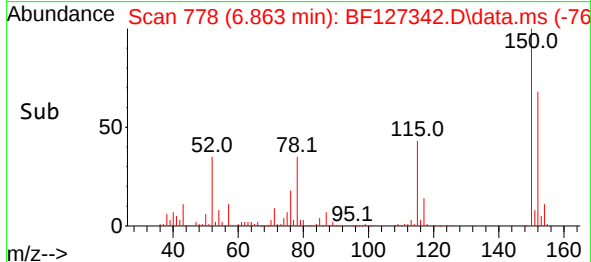
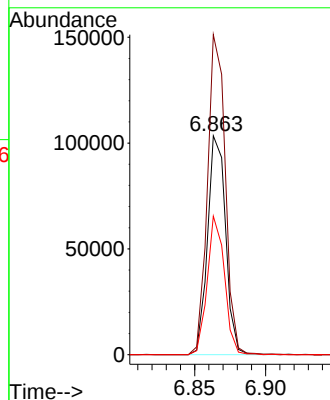
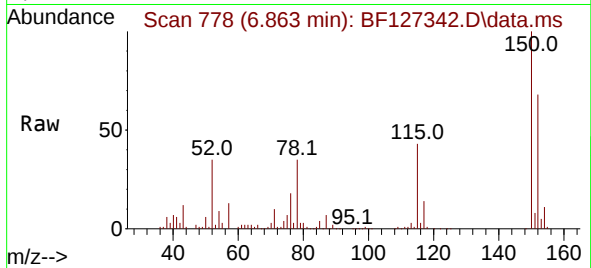




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF127342.D
Acq: 16 Mar 2022 00:04

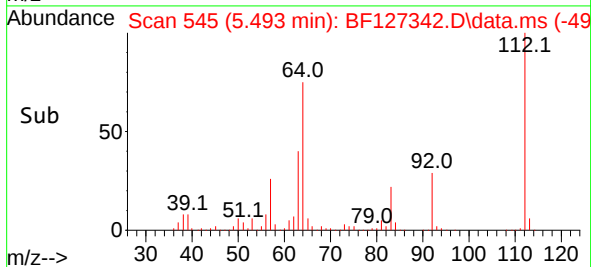
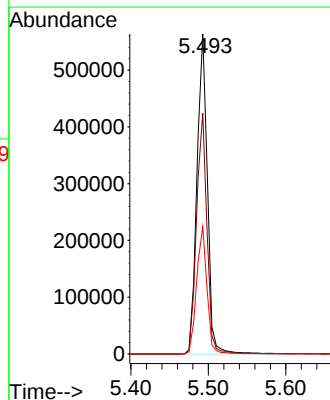
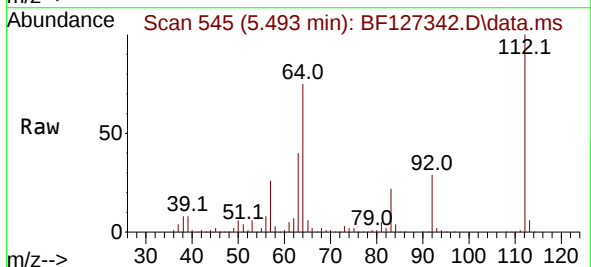
Instrument :
BNA_F
ClientSampleId :
S-DRUM-C

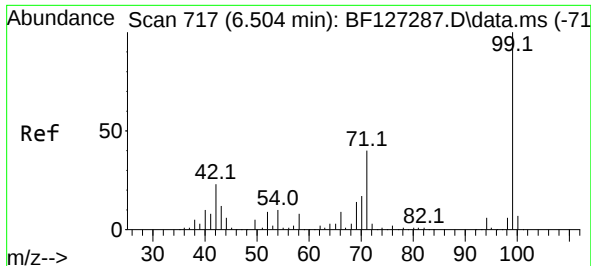
Tgt Ion:152 Resp: 91261
Ion Ratio Lower Upper
152 100
150 146.2 128.1 192.1
115 63.3 56.7 85.1



#5
2-Fluorophenol
Concen: 93.081 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127342.D
Acq: 16 Mar 2022 00:04

Tgt Ion:112 Resp: 528417
Ion Ratio Lower Upper
112 100
64 75.2 49.5 74.3#
63 39.7 23.9 35.9#

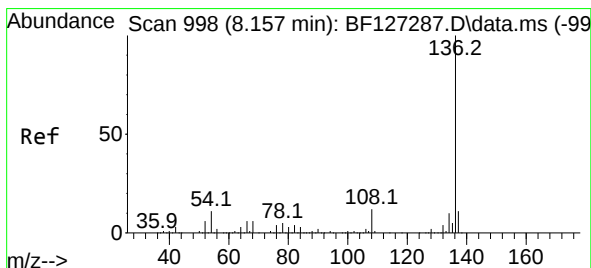
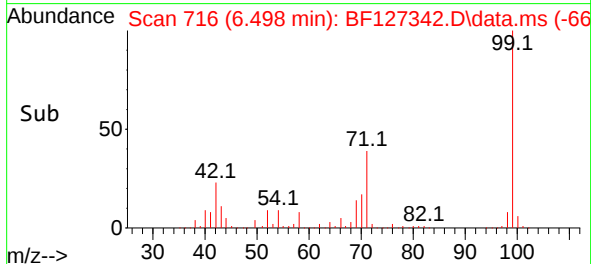
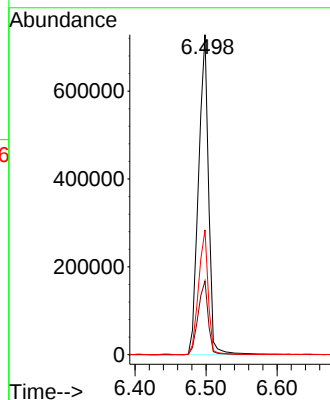
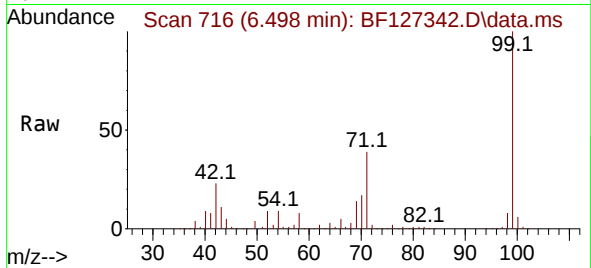




#7
Phenol-d6
Concen: 91.937 ng
RT: 6.498 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF127342.D
Acq: 16 Mar 2022 00:04

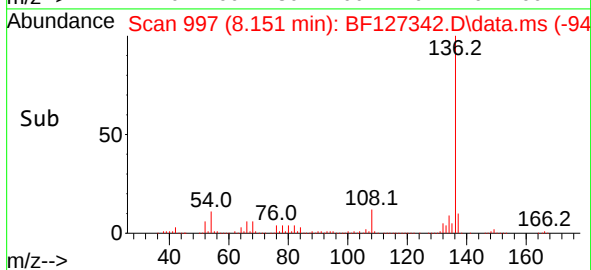
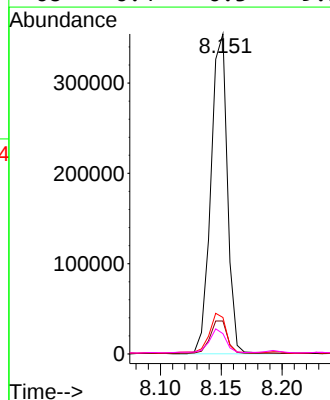
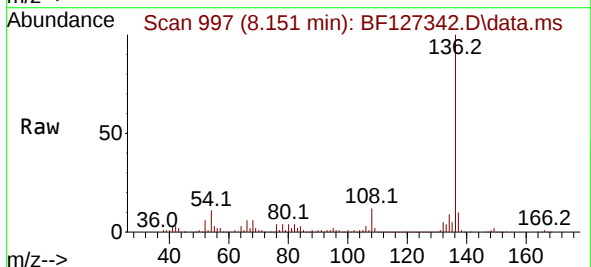
Instrument :
BNA_F
ClientSampleId :
S-DRUM-C

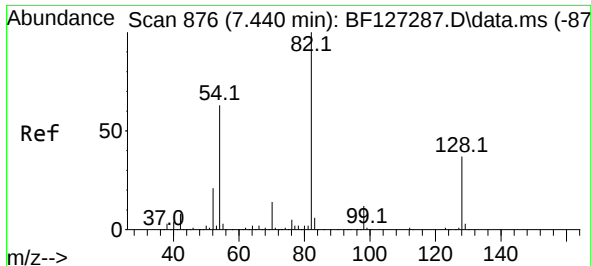
Tgt Ion: 99 Resp: 717987
Ion Ratio Lower Upper
99 100
42 23.1 14.2 21.4#
71 39.0 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127342.D
Acq: 16 Mar 2022 00:04

Tgt Ion: 136 Resp: 335231
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 11.4 7.8 11.6
68 6.4 6.3 9.5

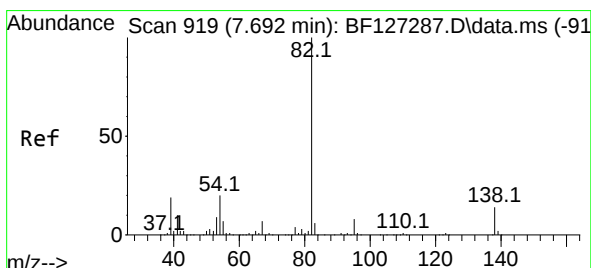
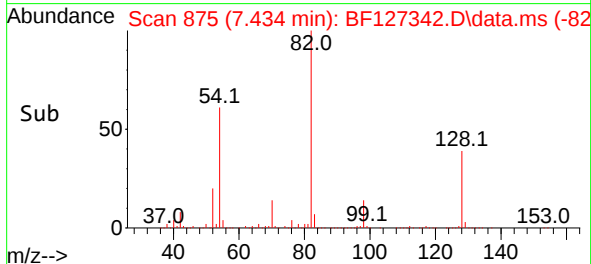
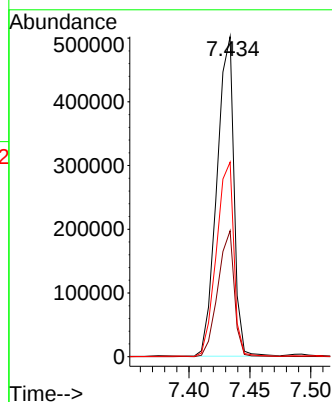
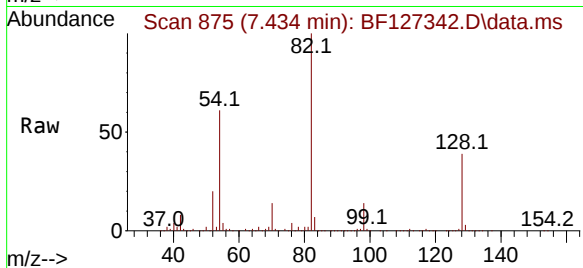




#23
Nitrobenzene-d5
Concen: 60.421 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127342.D
Acq: 16 Mar 2022 00:04

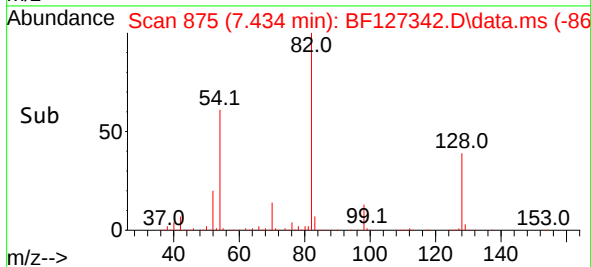
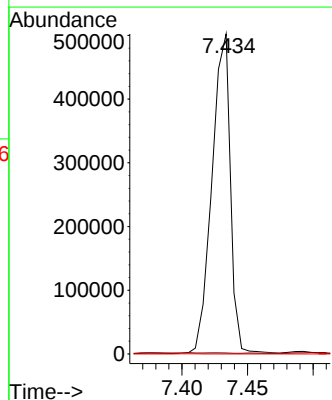
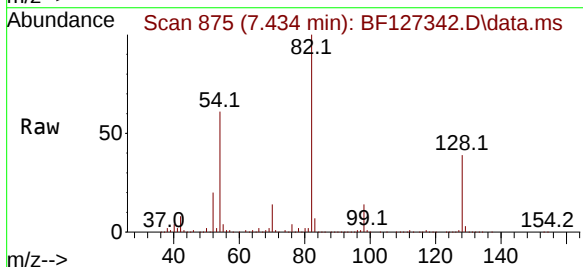
Instrument :
BNA_F
ClientSampleId :
S-DRUM-C

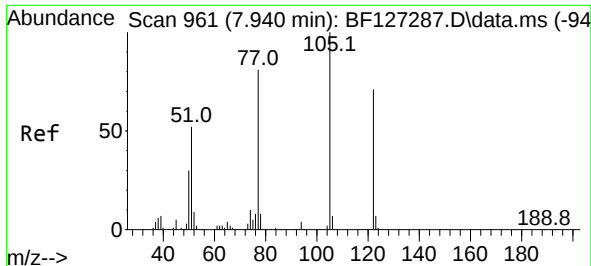
Tgt Ion: 82 Resp: 490454
Ion Ratio Lower Upper
82 100
128 39.4 32.7 49.1
54 60.8 41.7 62.5



#25
Isophorone
Concen: 37.503 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.259 min
Lab File: BF127342.D
Acq: 16 Mar 2022 00:04

Tgt Ion: 82 Resp: 489507
Ion Ratio Lower Upper
82 100
95 0.3 5.0 7.4#
138 0.0 12.3 18.5#

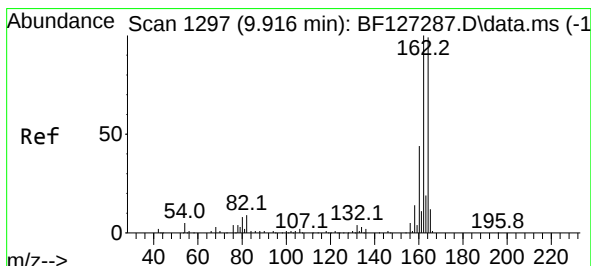
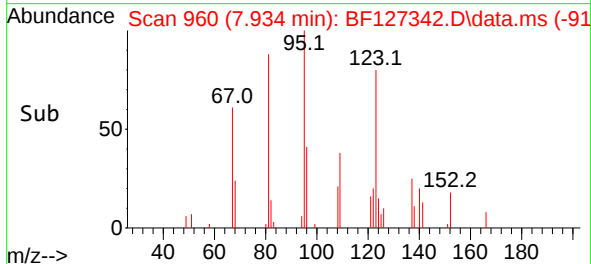
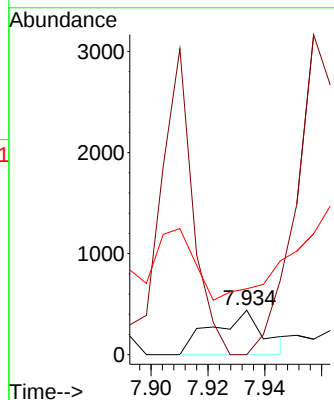
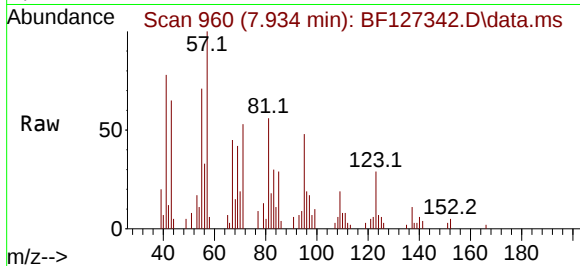




#32
Benzoic acid
Concen: 6.766 ng
RT: 7.934 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF127342.D
Acq: 16 Mar 2022 00:04

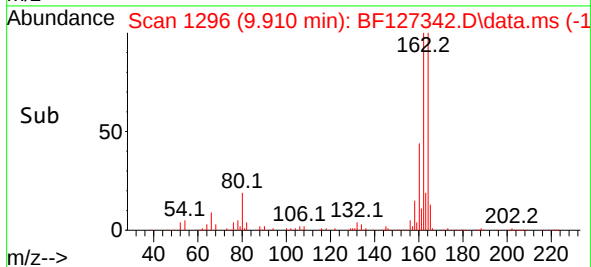
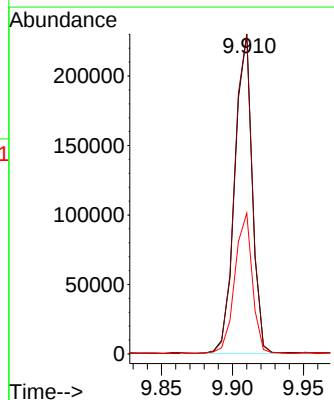
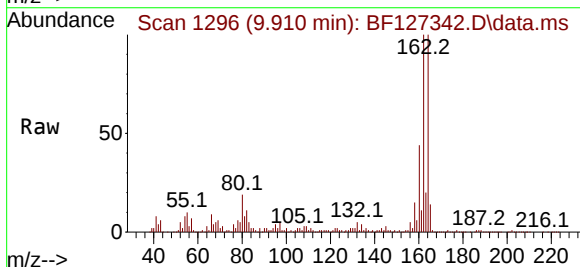
Instrument :
BNA_F
ClientSampleId :
S-DRUM-C

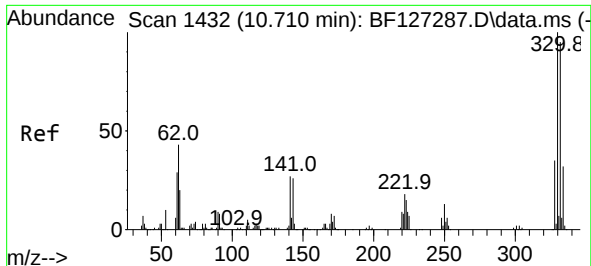
Tgt Ion:122 Resp: 550
Ion Ratio Lower Upper
122 100
105 0.0 101.0 141.0#
77 148.2 74.5 114.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF127342.D
Acq: 16 Mar 2022 00:04

Tgt Ion:164 Resp: 196010
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 44.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 91.390 ng

RT: 10.704 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF127342.D

Acq: 16 Mar 2022 00:04

Instrument :

BNA_F

ClientSampleId :

S-DRUM-C

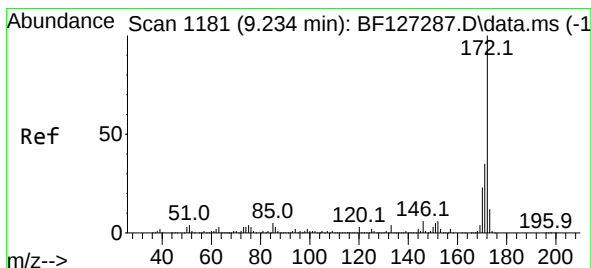
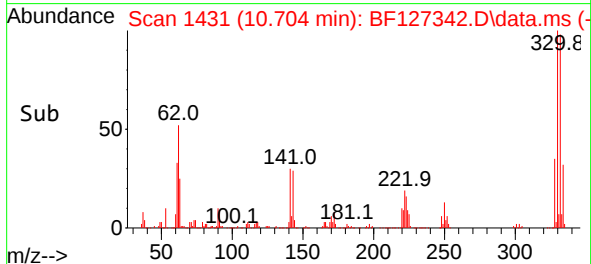
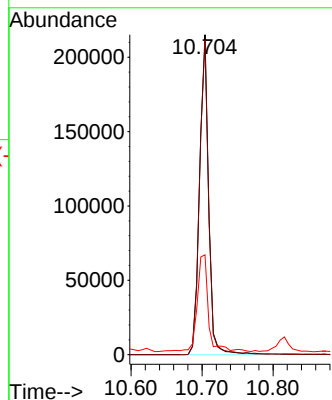
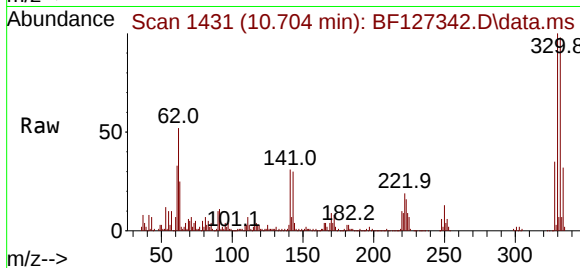
Tgt Ion:330 Resp: 192836

Ion Ratio Lower Upper

330 100

332 98.2 76.0 114.0

141 36.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 59.360 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127342.D

Acq: 16 Mar 2022 00:04

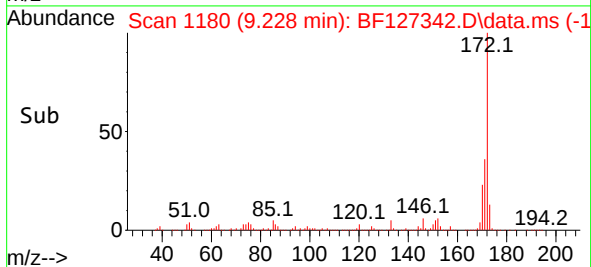
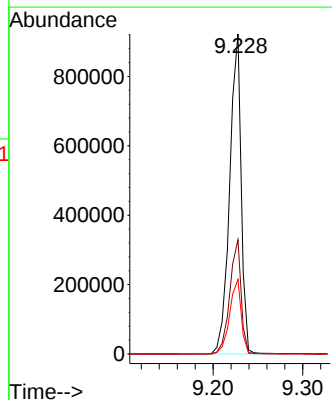
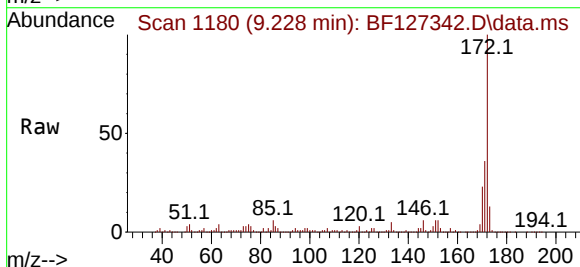
Tgt Ion:172 Resp: 822982

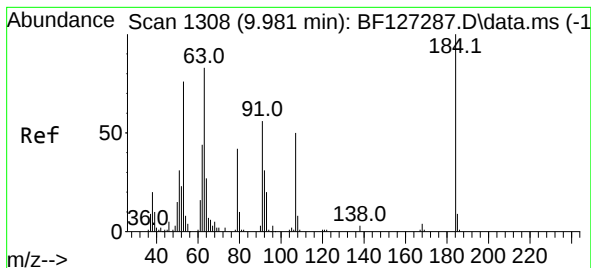
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.3 19.0 28.6





#54

2,4-Dinitrophenol

Concen: 4.107 ng

RT: 10.098 min Scan# 11

Delta R.T. 0.117 min

Lab File: BF127342.D

Acq: 16 Mar 2022 00:04

Instrument :

BNA_F

ClientSampleId :

S-DRUM-C

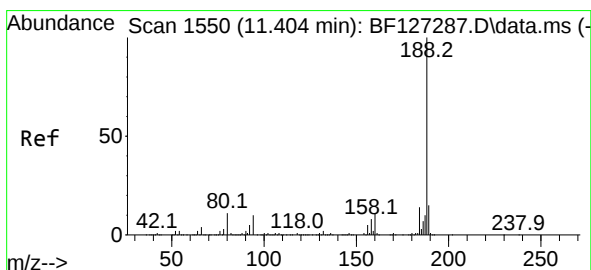
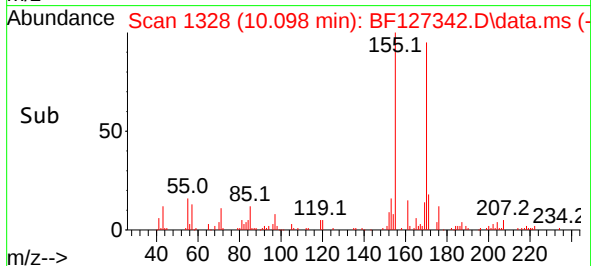
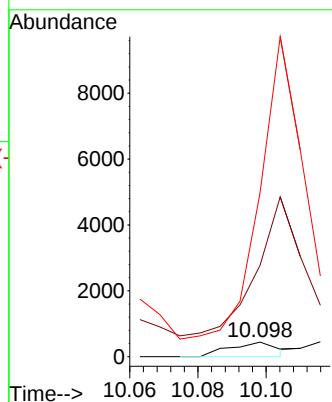
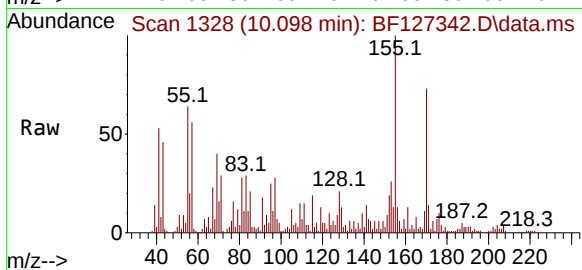
Tgt Ion:184 Resp: 429

Ion Ratio Lower Upper

184 100

63 628.6 70.4 105.6#

154 1127.9 49.7 74.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF127342.D

Acq: 16 Mar 2022 00:04

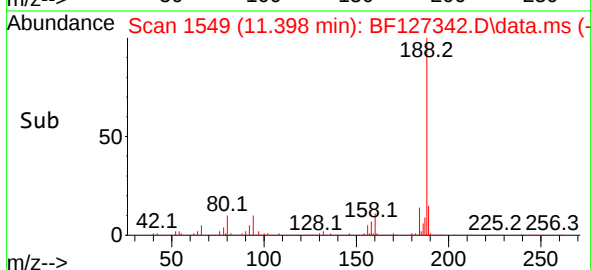
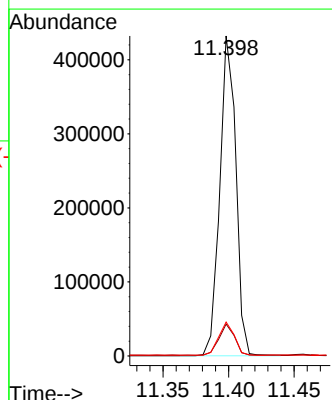
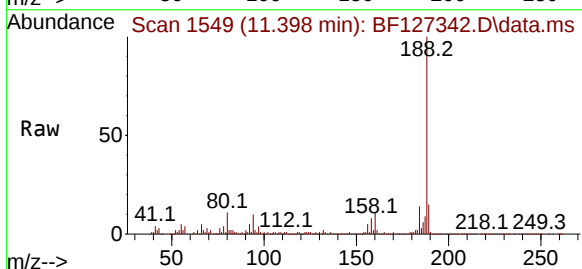
Tgt Ion:188 Resp: 366866

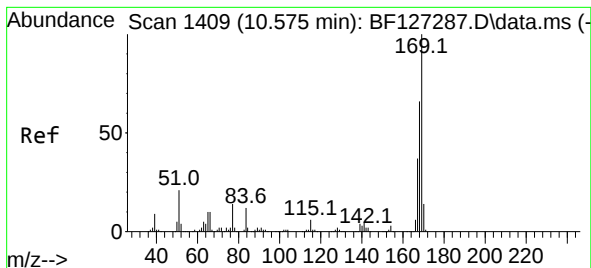
Ion Ratio Lower Upper

188 100

94 10.0 10.1 15.1#

80 10.6 11.8 17.6#

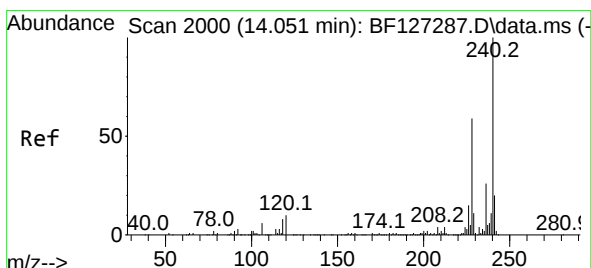
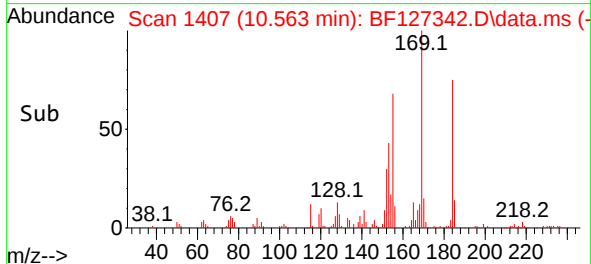
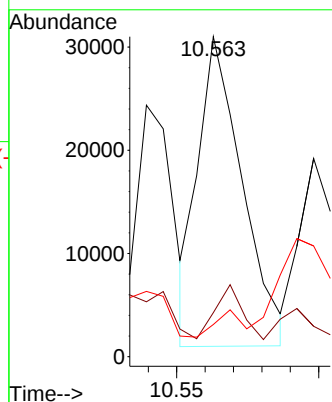
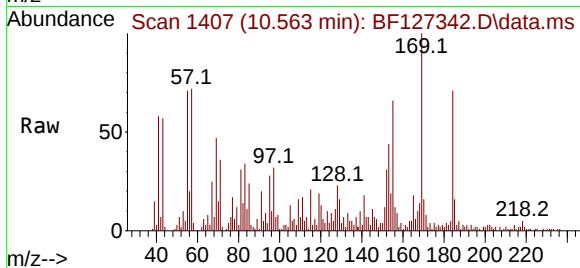




#66
n-Nitrosodiphenylamine
Concen: 2.847 ng
RT: 10.563 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF127342.D
Acq: 16 Mar 2022 00:04

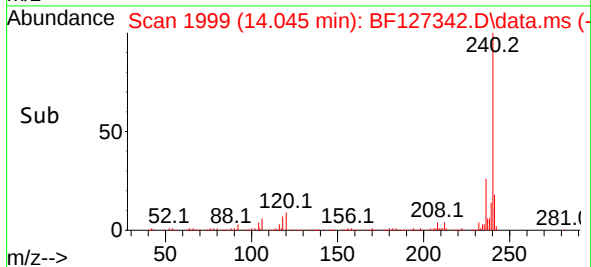
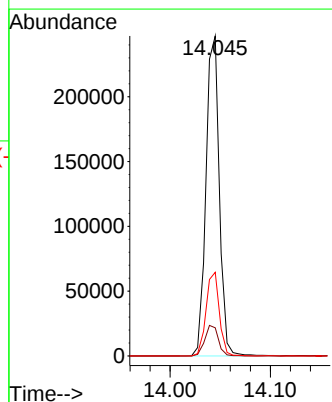
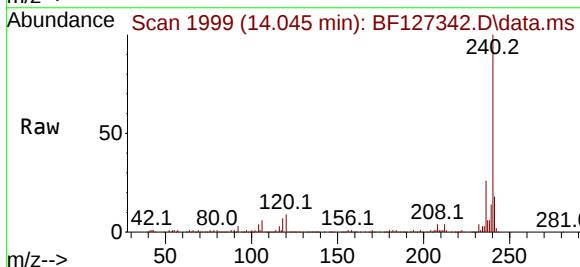
Instrument :
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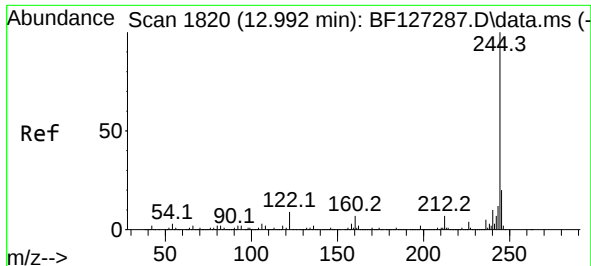
Tgt Ion:169 Resp: 32436
Ion Ratio Lower Upper
169 100
168 13.7 53.4 80.0#
167 10.0 29.4 44.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127342.D
Acq: 16 Mar 2022 00:04

Tgt Ion:240 Resp: 229753
Ion Ratio Lower Upper
240 100
120 8.8 14.4 21.6#
236 26.2 20.5 30.7

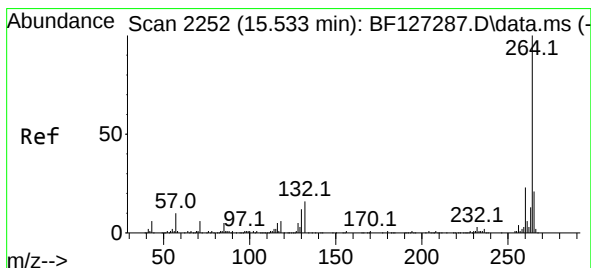
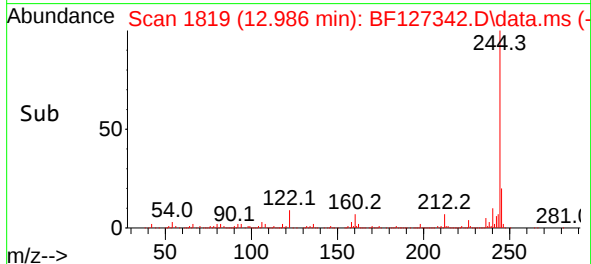
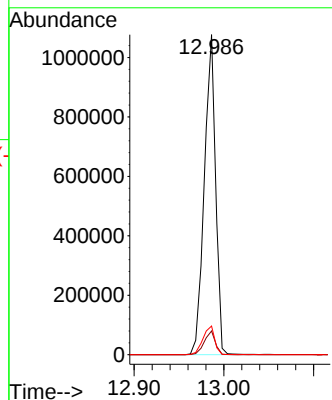
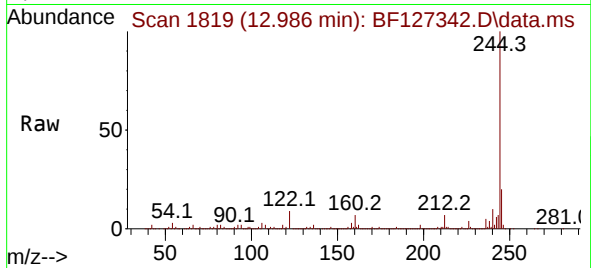




#79
 Terphenyl-d14
 Concen: 70.620 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127342.D
 Acq: 16 Mar 2022 00:04

Instrument :
 BNA_F
 ClientSampleId :
 S-DRUM-C

Tgt Ion:244 Resp: 942253
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.0 7.4
 122 9.0 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF127342.D
 Acq: 16 Mar 2022 00:04

Tgt Ion:264 Resp: 208229
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.7 17.4 26.2

