

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127439.D
 Acq On : 22 Mar 2022 07:05
 Operator : CG\JU
 Sample : N1962-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-17-19-22

Quant Time: Mar 22 07:25:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

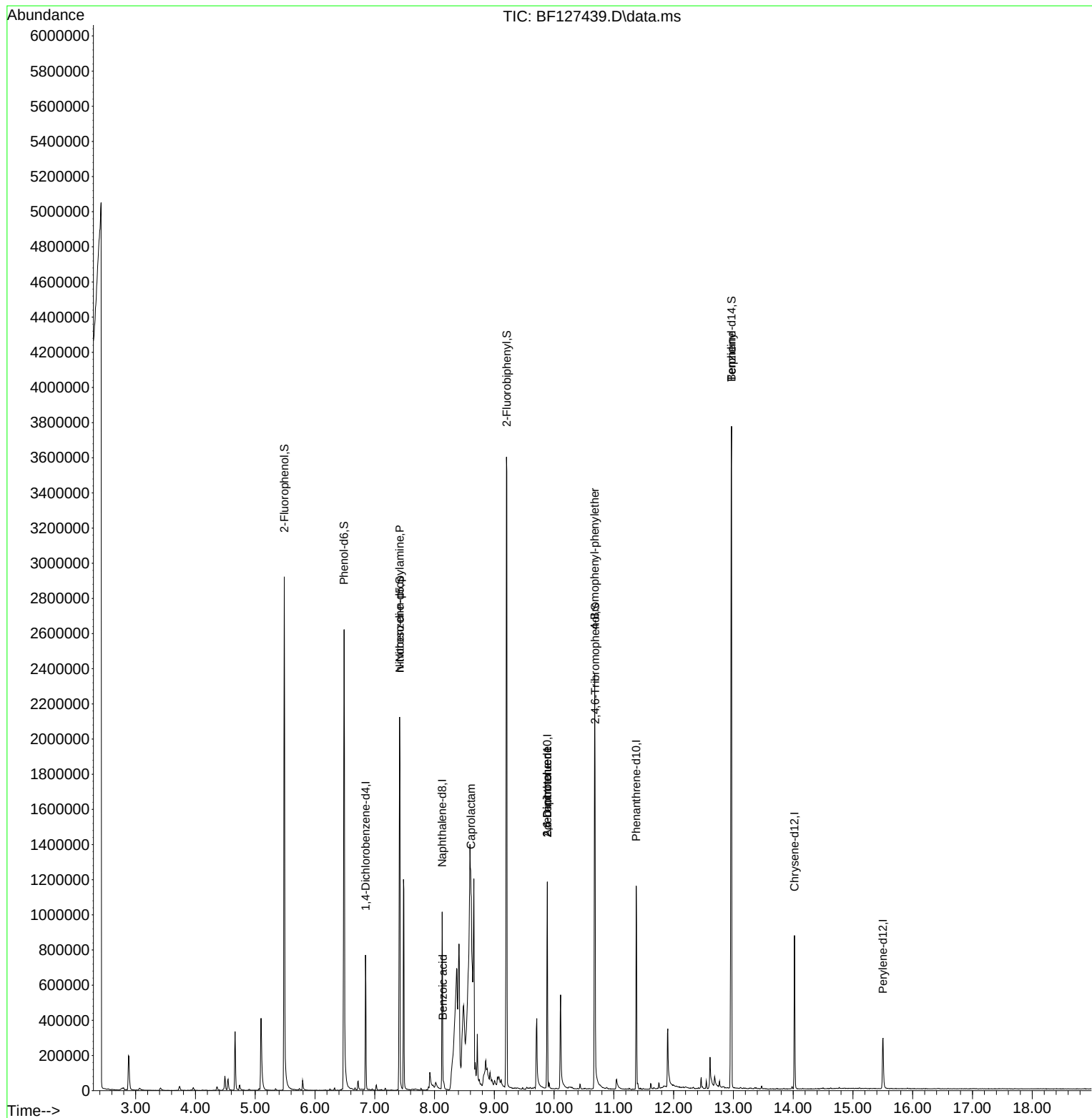
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	102283	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	384703	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	225589	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	406160	20.000	ng	0.00
76) Chrysene-d12	14.021	240	289329	20.000	ng	0.00
86) Perylene-d12	15.504	264	146418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	766453	119.612	ng	0.02
7) Phenol-d6	6.487	99	1000075	114.177	ng	0.00
23) Nitrobenzene-d5	7.416	82	759045	84.340	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	321156	133.642	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1283426	83.076	ng	0.00
79) Terphenyl-d14	12.969	244	1502787	85.027	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.451	77	525	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	7.416	70	104082	19.824	ng	# 80
32) Benzoic acid	8.139	122	1105	6.353	ng	90
35) Caprolactam	8.610	113	4121	2.175	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	27972	8.491	ng	# 17
55) Dibenzofuran	10.092	168	2850	Below Cal	#	96
57) 2,4-Dinitrotoluene	9.886	165	27972	6.597	ng	# 14
58) Fluorene	10.433	166	7568	Below Cal		95
67) 4-Bromophenyl-phenylether	10.680	248	20538	4.331	ng	# 1
77) Benzidine	12.969	184	18766	2.720	ng	# 94

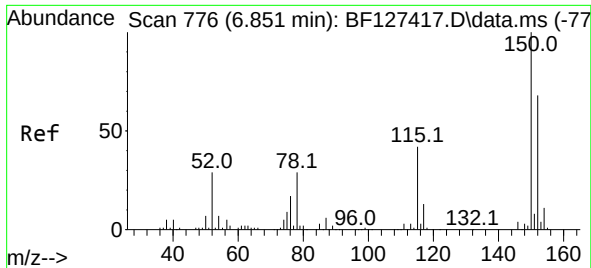
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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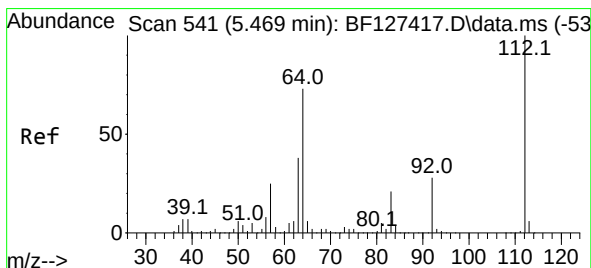
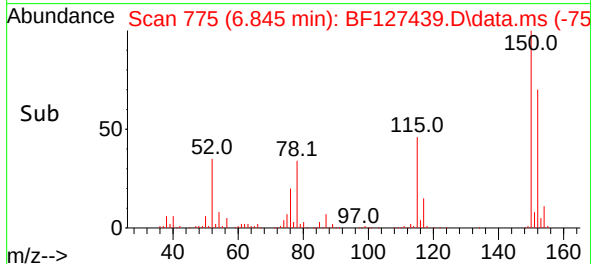
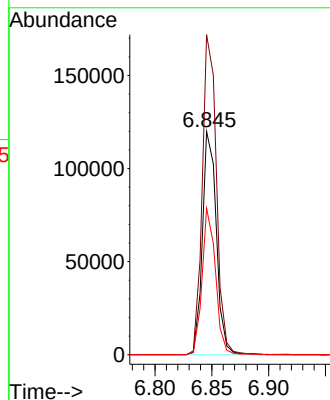
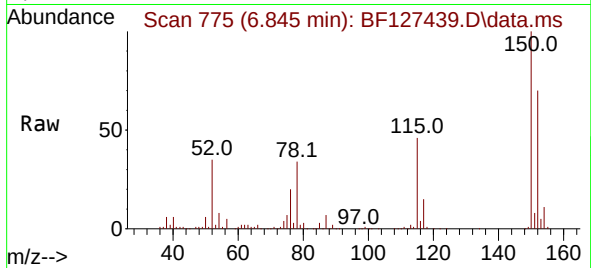




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

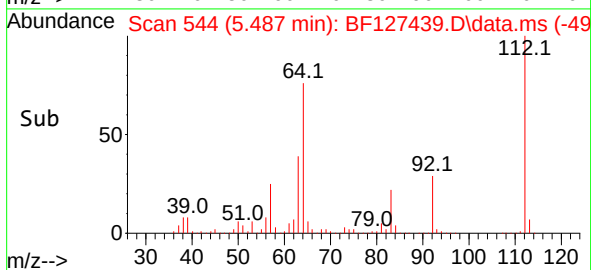
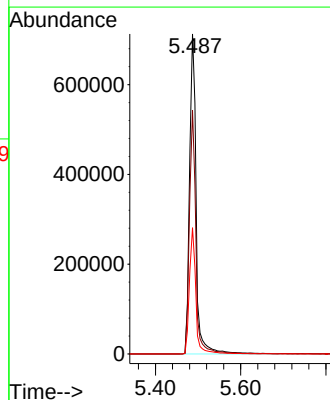
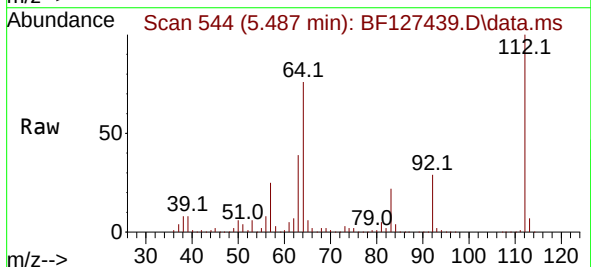
Instrument :
BNA_F
ClientSampleId :
C-17-19-22

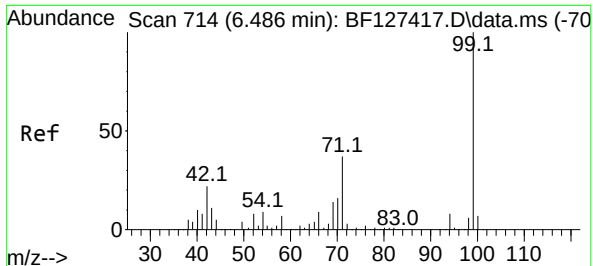
Tgt Ion:152 Resp: 102283
Ion Ratio Lower Upper
152 100
150 143.4 117.2 175.8
115 65.6 49.8 74.6



#5
2-Fluorophenol
Concen: 119.612 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

Tgt Ion:112 Resp: 766453
Ion Ratio Lower Upper
112 100
64 76.1 58.4 87.6
63 39.4 30.1 45.1

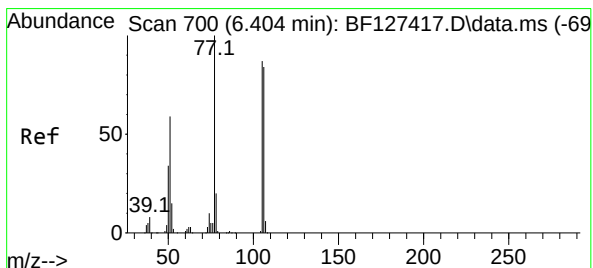
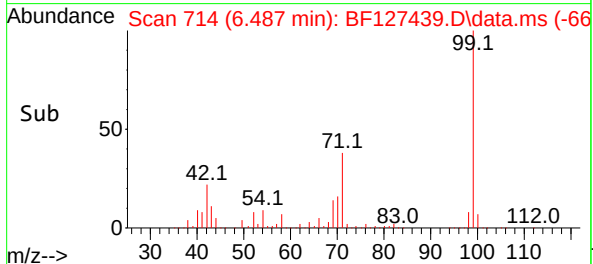
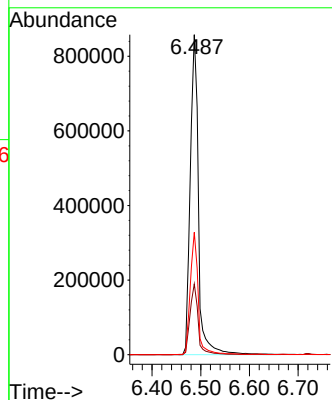
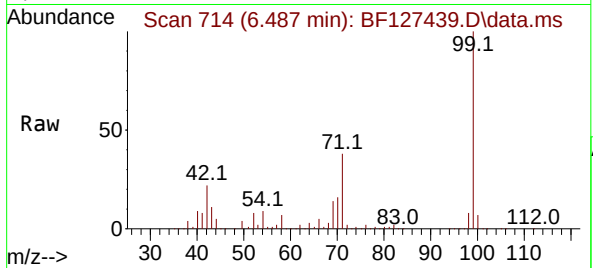




#7
Phenol-d6
Concen: 114.177 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

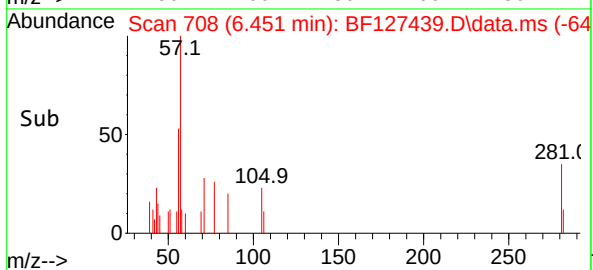
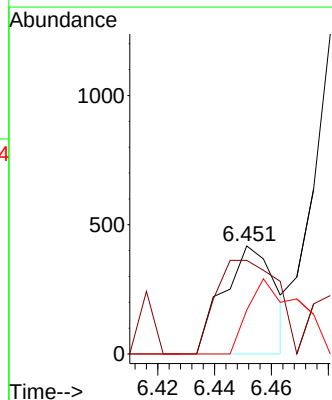
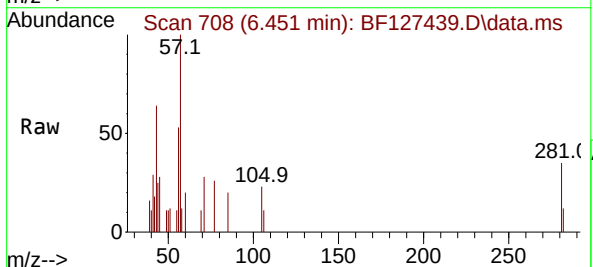
Instrument :
BNA_F
ClientSampleId :
C-17-19-22

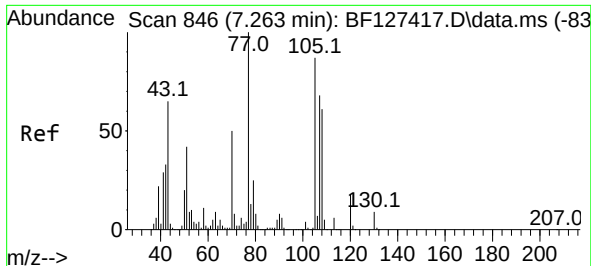
Tgt Ion: 99 Resp: 1000075
Ion Ratio Lower Upper
99 100
42 22.1 17.8 26.6
71 38.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.451 min Scan# 708
Delta R.T. 0.047 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

Tgt Ion: 77 Resp: 525
Ion Ratio Lower Upper
77 100
105 86.6 66.8 106.8
106 40.7 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 19.824 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127439.D

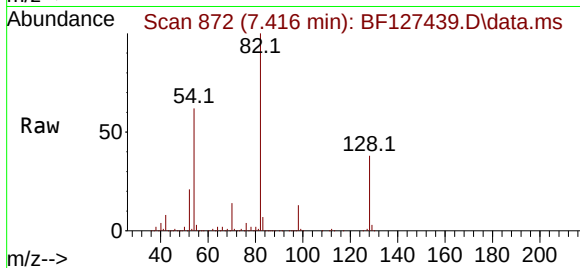
Acq: 22 Mar 2022 07:05

Instrument :

BNA_F

ClientSampleId :

C-17-19-22



Tgt Ion: 70 Resp: 104082

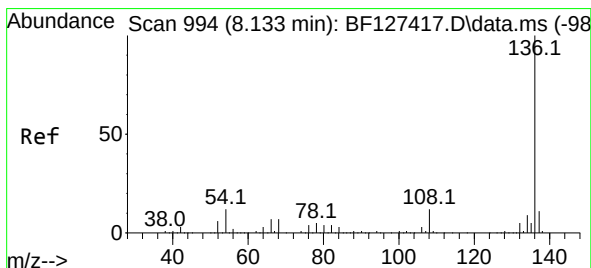
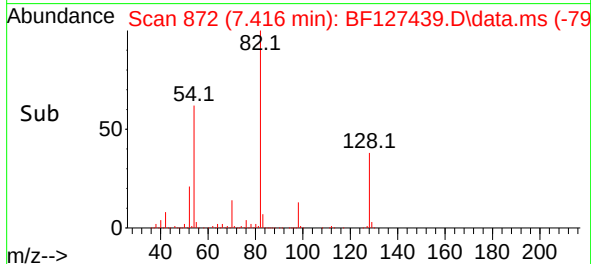
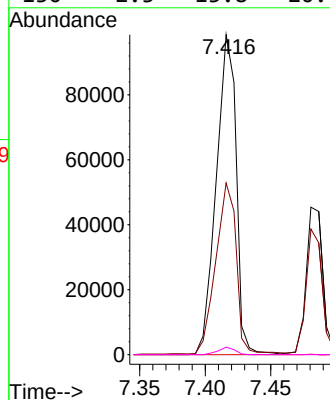
Ion Ratio Lower Upper

70 100

42 53.6 53.0 79.6

101 0.0 6.8 10.2#

130 2.3 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127439.D

Acq: 22 Mar 2022 07:05

Tgt Ion: 136 Resp: 384703

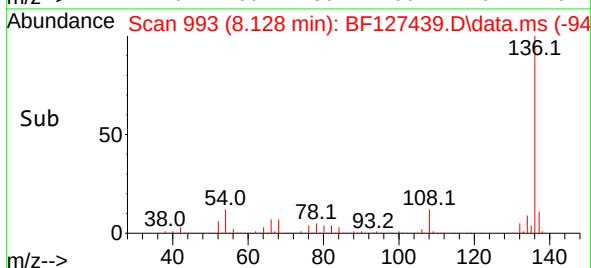
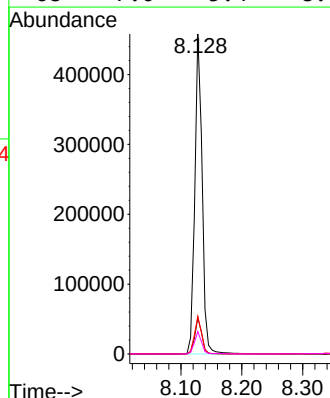
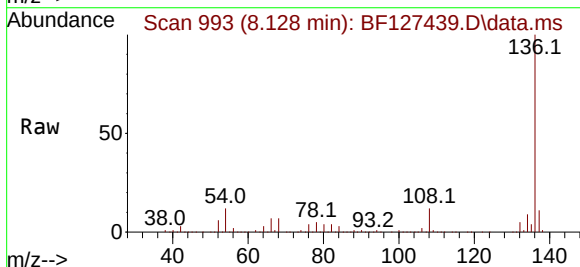
Ion Ratio Lower Upper

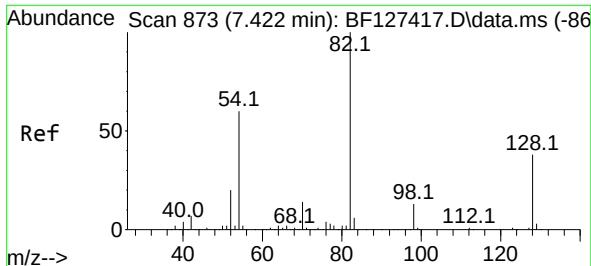
136 100

137 11.2 8.6 13.0

54 11.8 9.2 13.8

68 7.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 84.340 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127439.D

Acq: 22 Mar 2022 07:05

Instrument :

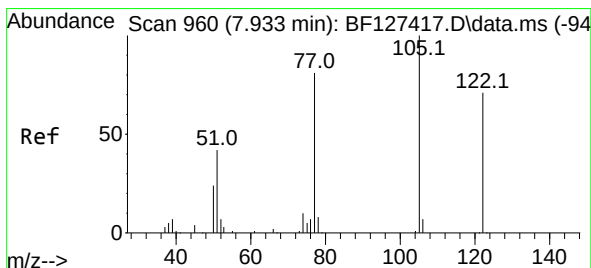
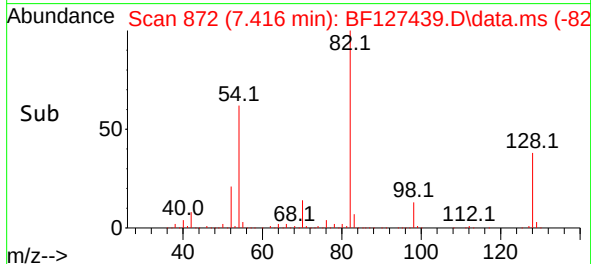
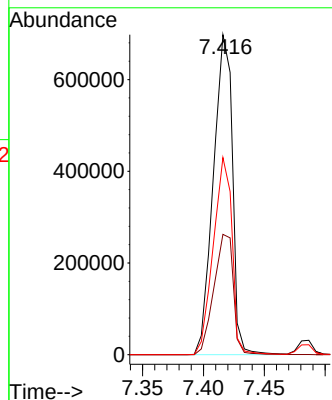
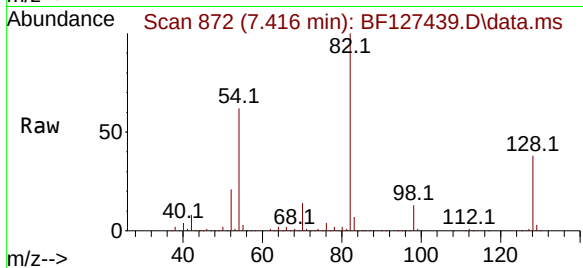
BNA_F

ClientSampleId :

C-17-19-22

Tgt Ion: 82 Resp: 759045

Ion	Ratio	Lower	Upper
82	100		
128	37.6	30.6	45.8
54	61.6	48.2	72.2



#32

Benzoic acid

Concen: 6.353 ng

RT: 8.139 min Scan# 995

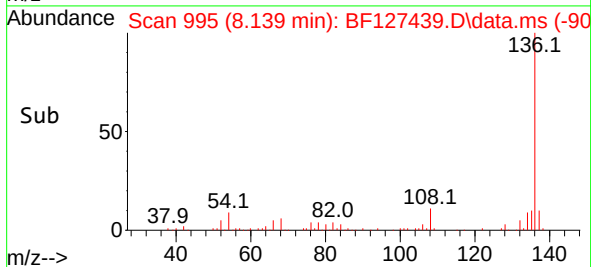
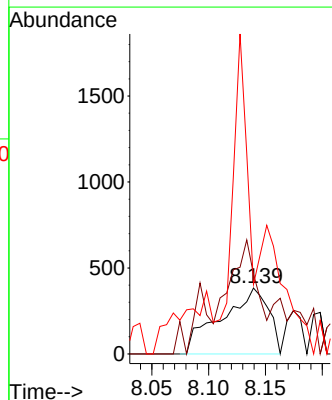
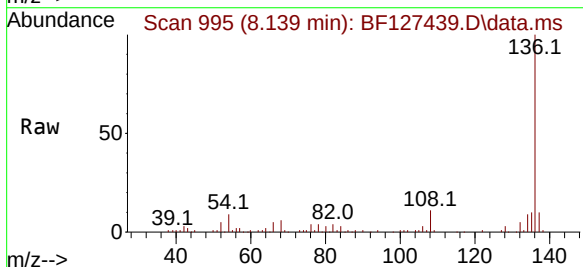
Delta R.T. 0.206 min

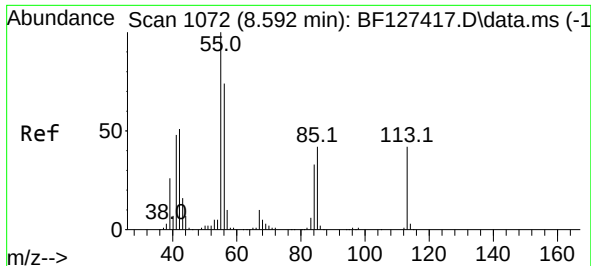
Lab File: BF127439.D

Acq: 22 Mar 2022 07:05

Tgt Ion:122 Resp: 1105

Ion	Ratio	Lower	Upper
122	100		
105	121.1	117.1	157.1
77	105.5	93.0	133.0

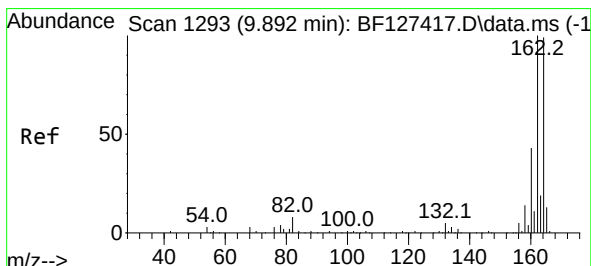
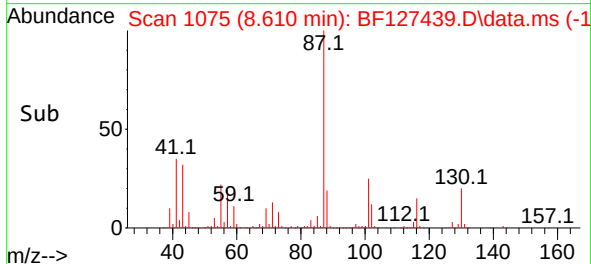
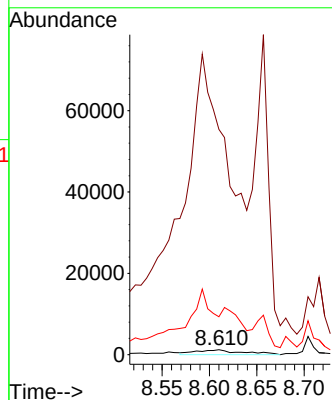
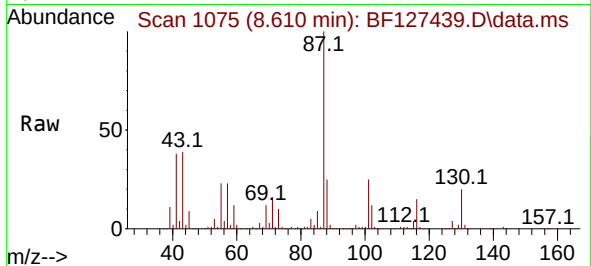




#35
 Caprolactam
 Concen: 2.175 ng
 RT: 8.610 min Scan# 1072
 Delta R.T. 0.018 min
 Lab File: BF127439.D
 Acq: 22 Mar 2022 07:05

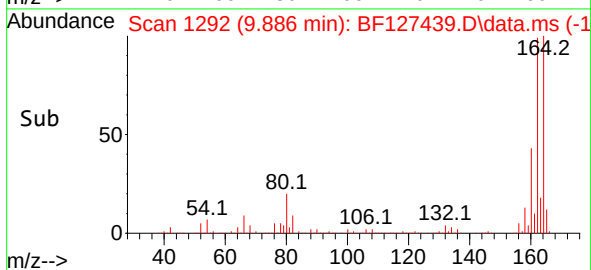
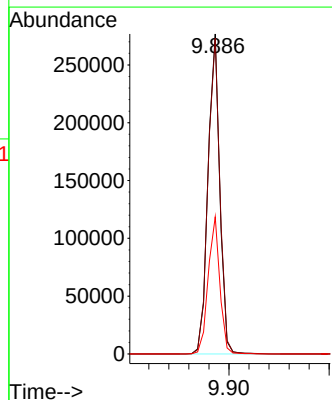
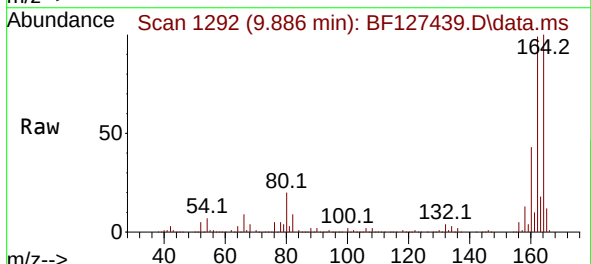
Instrument :
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 C-17-19-22

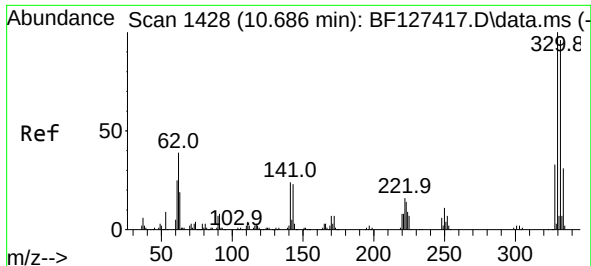
Tgt Ion:113 Resp: 4121
 Ion Ratio Lower Upper
 113 100
 55 4479.9 218.7 258.7#
 56 754.2 156.2 196.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1292
 Delta R.T. -0.006 min
 Lab File: BF127439.D
 Acq: 22 Mar 2022 07:05

Tgt Ion:164 Resp: 225589
 Ion Ratio Lower Upper
 164 100
 162 98.7 81.2 121.8
 160 42.8 34.6 52.0

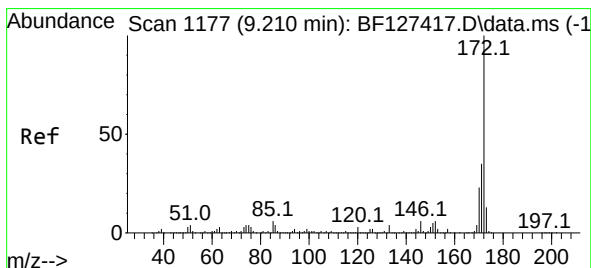
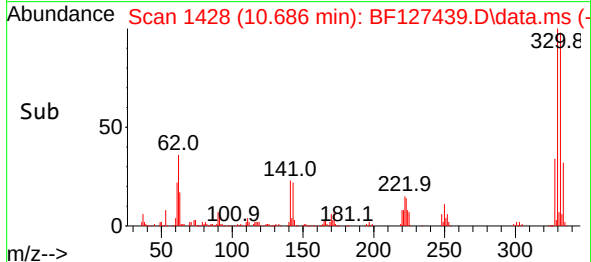
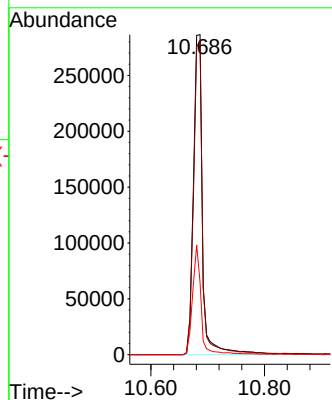
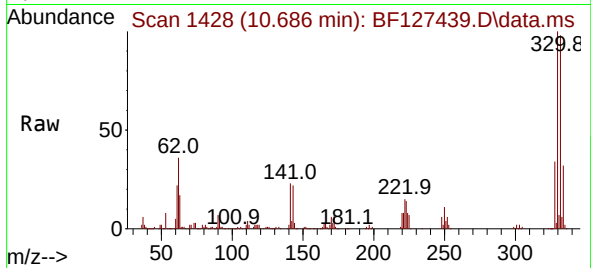




#42
2,4,6-Tribromophenol
Concen: 133.642 ng
RT: 10.686 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

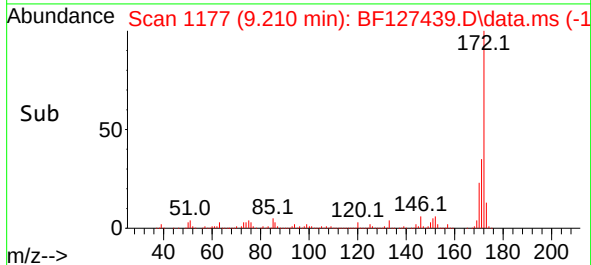
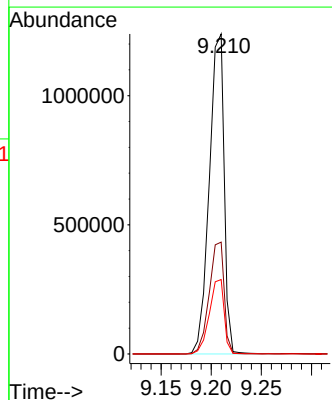
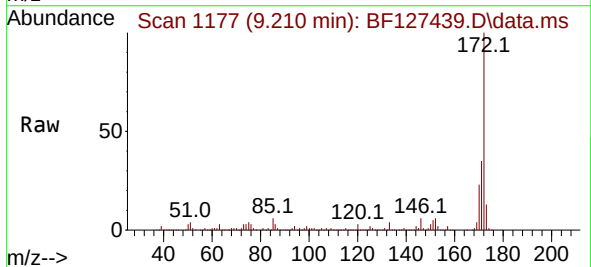
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C-17-19-22

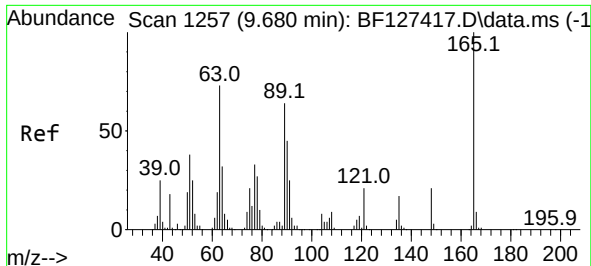
Tgt Ion:330 Resp: 321156
Ion Ratio Lower Upper
330 100
332 96.9 79.1 118.7
141 32.0 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 83.076 ng
RT: 9.210 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

Tgt Ion:172 Resp: 1283426
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.3 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.491 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF127439.D

Acq: 22 Mar 2022 07:05

Instrument :

BNA_F

ClientSampleId :

C-17-19-22

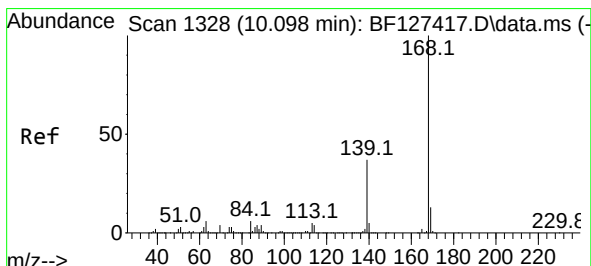
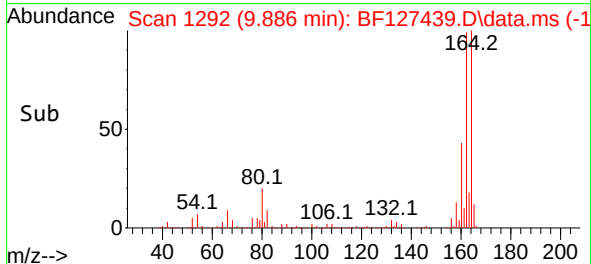
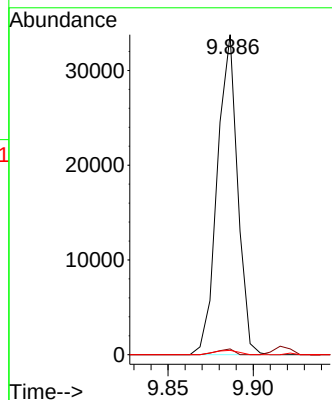
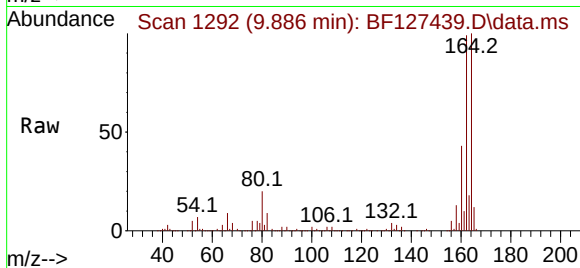
Tgt Ion:165 Resp: 27972

Ion Ratio Lower Upper

165 100

63 1.8 58.3 87.5#

89 1.4 51.5 77.3#



#55

Dibenzofuran

Concen: Below Cal

RT: 10.092 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF127439.D

Acq: 22 Mar 2022 07:05

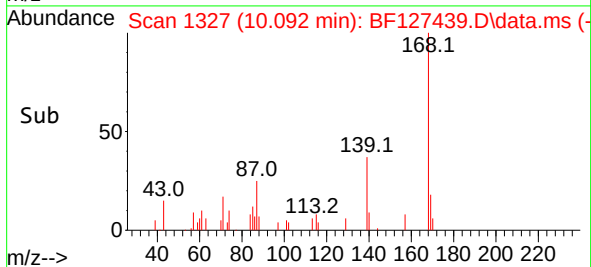
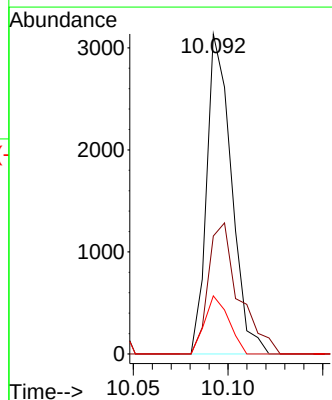
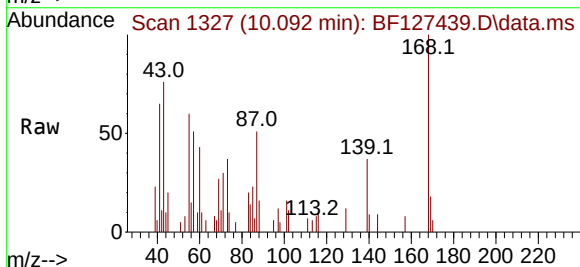
Tgt Ion:168 Resp: 2850

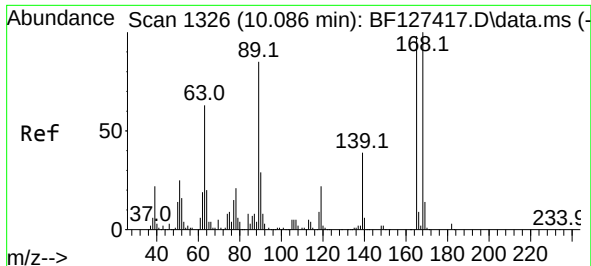
Ion Ratio Lower Upper

168 100

139 36.8 30.3 45.5

169 18.1 10.8 16.2#

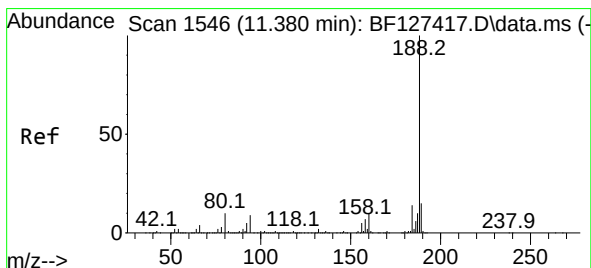
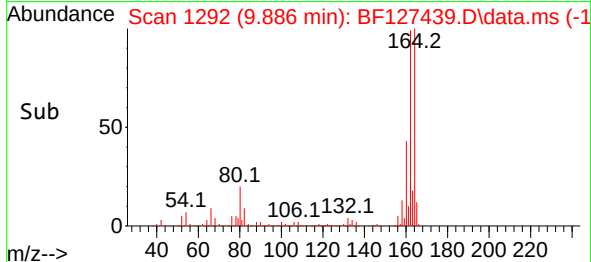
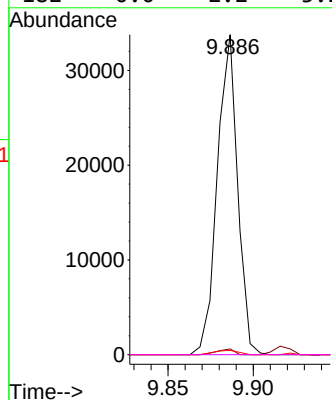
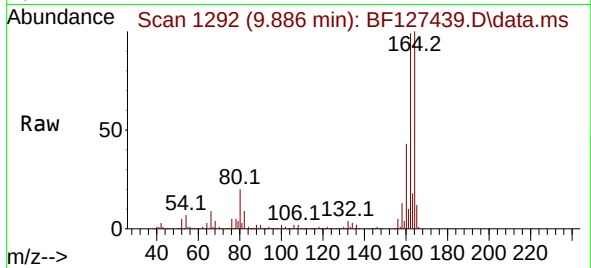




#57
2,4-Dinitrotoluene
Concen: 6.597 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

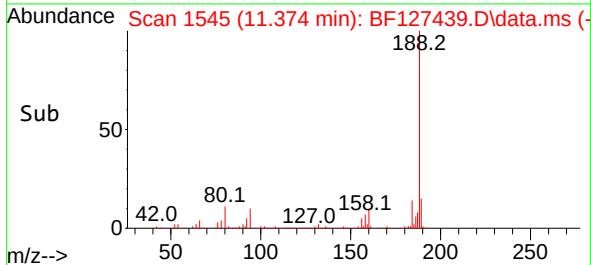
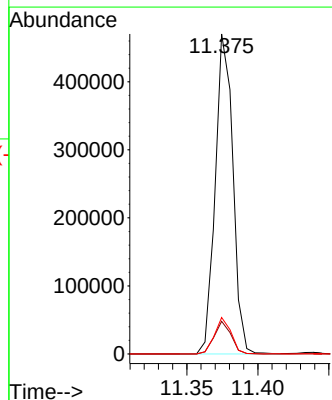
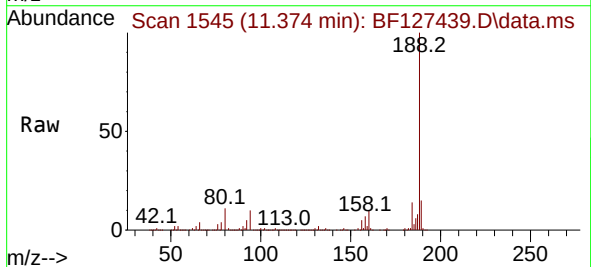
Instrument :
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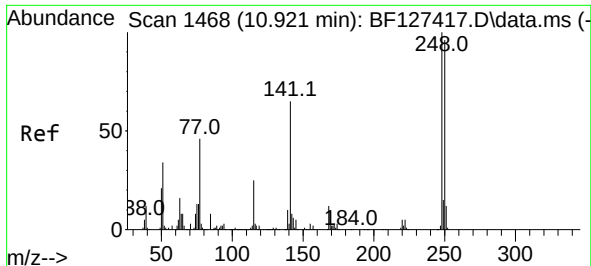
Tgt Ion:165 Resp: 27972
Ion Ratio Lower Upper
165 100
63 1.8 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

Tgt Ion:188 Resp: 406160
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 11.4 8.0 12.0

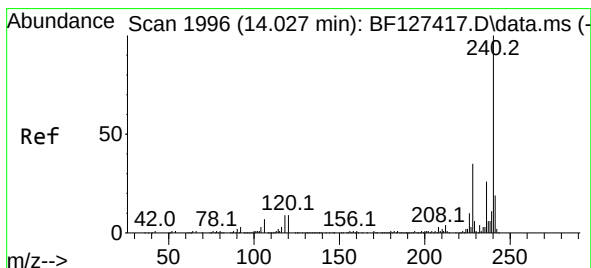
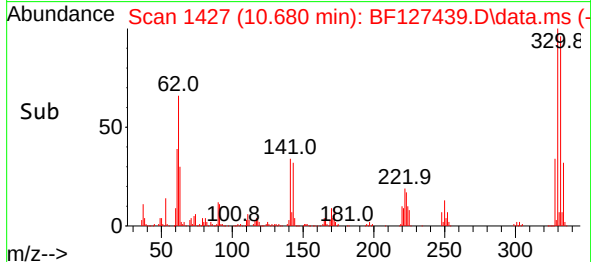
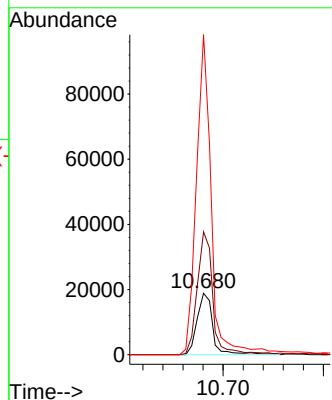
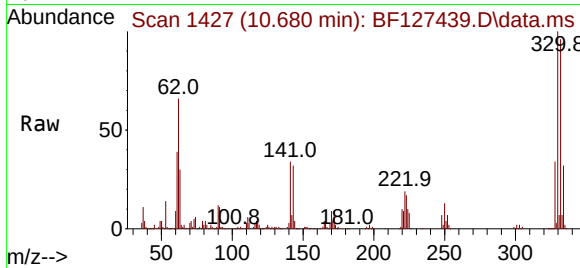




#67
4-Bromophenyl-phenylether
Concen: 4.331 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

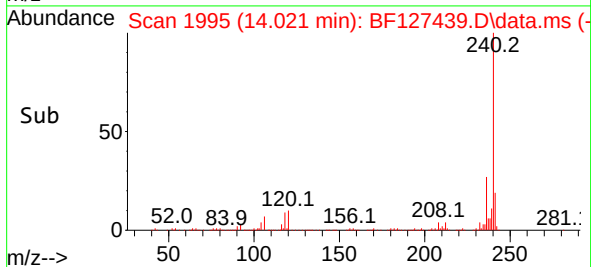
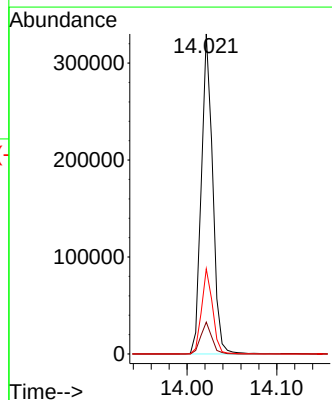
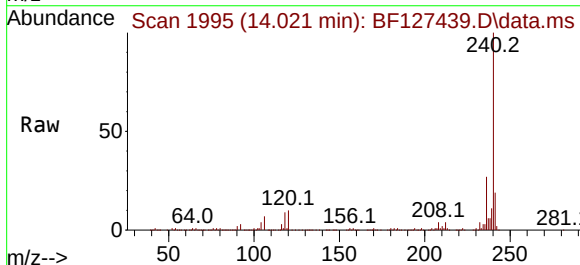
Instrument :
BNA_F
ClientSampleId :
C-17-19-22

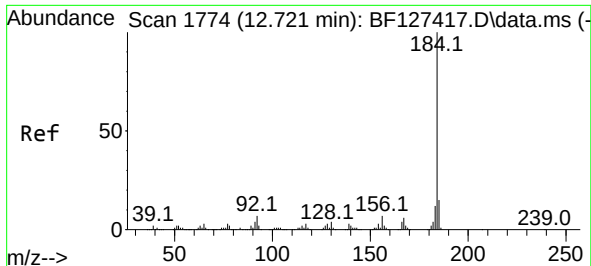
Tgt Ion:248 Resp: 20538
Ion Ratio Lower Upper
248 100
250 199.7 76.6 115.0#
141 520.2 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

Tgt Ion:240 Resp: 289329
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 26.6 20.7 31.1

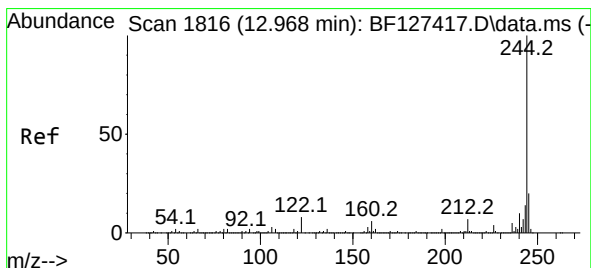
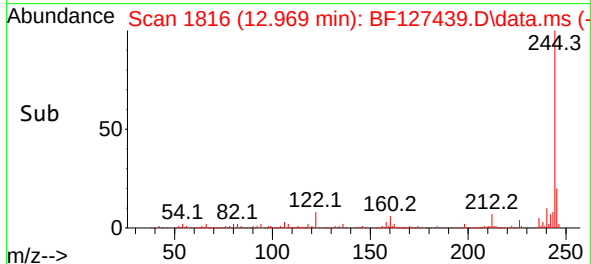
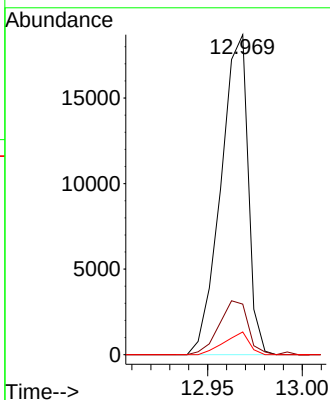
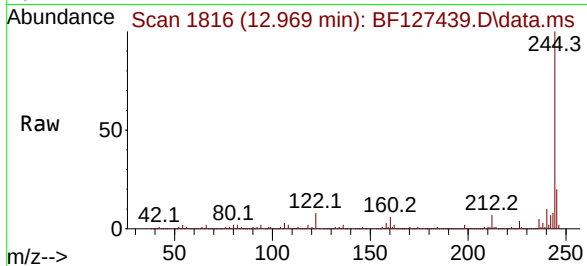




#77
Benzidine
Concen: 2.720 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.247 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

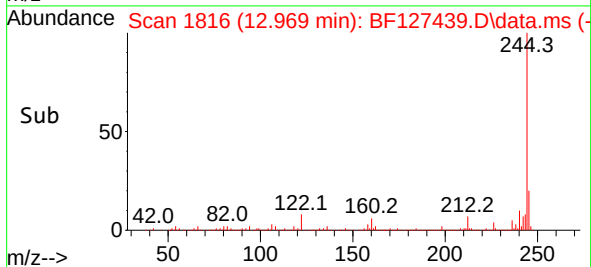
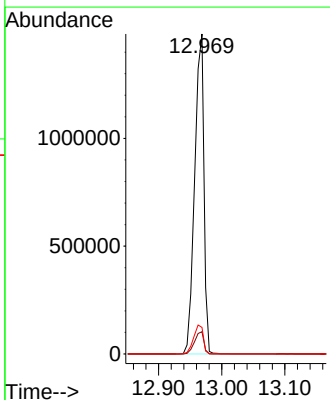
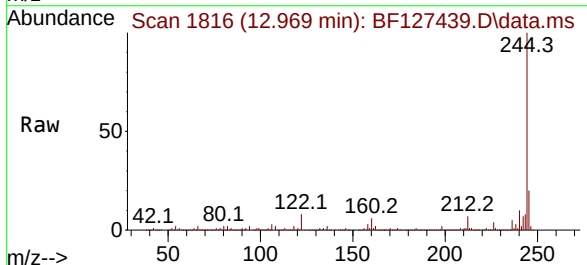
Instrument :
BNA_F
ClientSampleId :
C-17-19-22

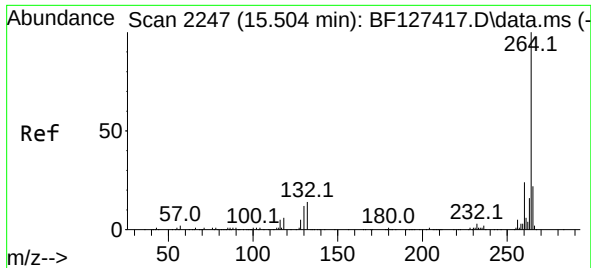
Tgt Ion:184 Resp: 18766
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.2
183 7.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 85.027 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

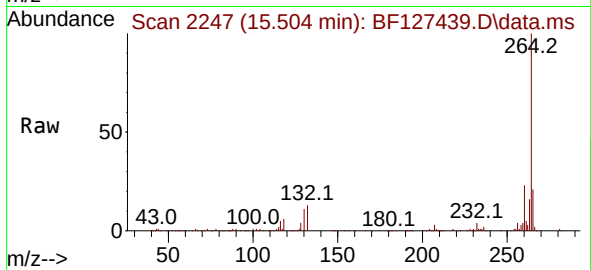
Tgt Ion:244 Resp: 1502787
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.3 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127439.D
 Acq: 22 Mar 2022 07:05

Instrument :
 BNA_F
 ClientSampleId :
 C-17-19-22



Tgt Ion:264 Resp: 146418
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.0 17.4 26.2

