

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127395.D
 Acq On : 18 Mar 2022 16:51
 Operator : CG\JU
 Sample : N1709-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B18-26.0-26.5

Quant Time: Mar 19 01:52:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

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

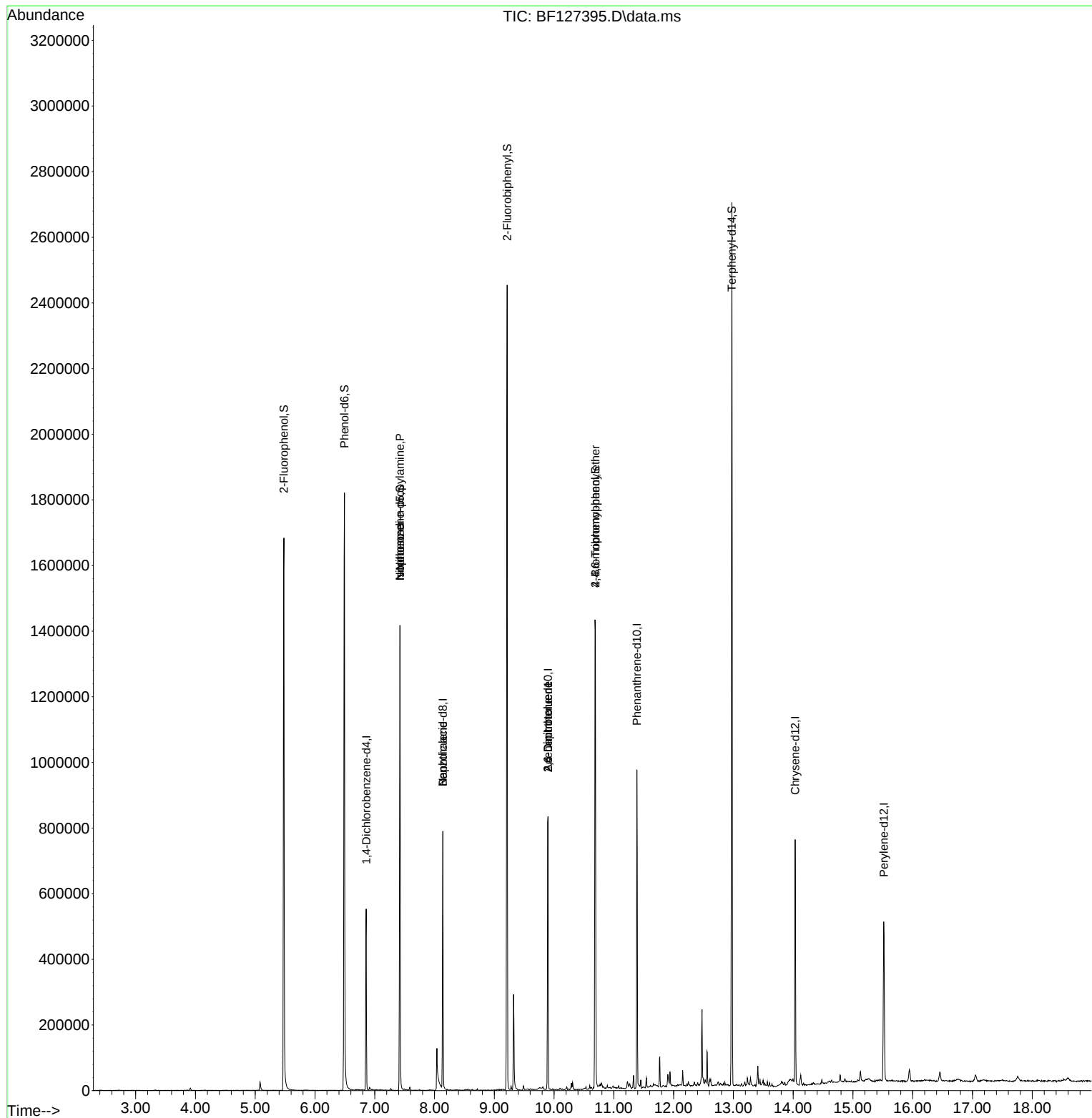
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	75412	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	282566	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	174192	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	329068	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	245698	20.000	ng	#-0.01
86) Perylene-d12	15.515	264	209443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	415833	88.643	ng	0.00
7) Phenol-d6	6.492	99	579620	89.818	ng	0.00
23) Nitrobenzene-d5	7.422	82	404312	59.092	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	175303	93.487	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	725882	58.915	ng	0.00
79) Terphenyl-d14	12.974	244	915378	64.153	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	1074	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	53668	13.327	ng	# 88
25) Isophorone	7.422	82	404308	36.749	ng	# 69
32) Benzoic acid	8.139	122	72	6.645	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	20987	8.312	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	20987	6.318	ng	# 15
67) 4-Bromophenyl-phenylether	10.692	248	11998	3.025	ng	# 1

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

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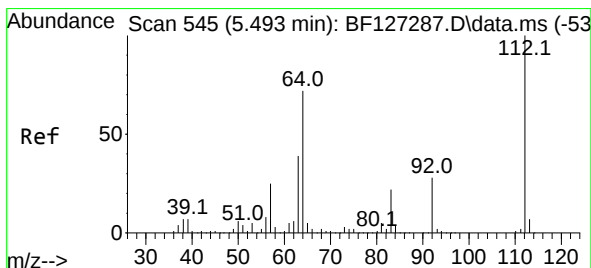
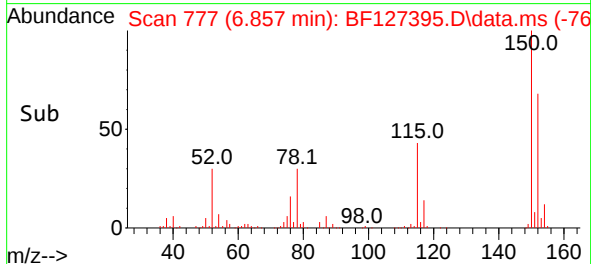
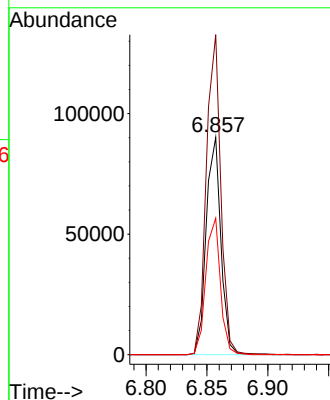
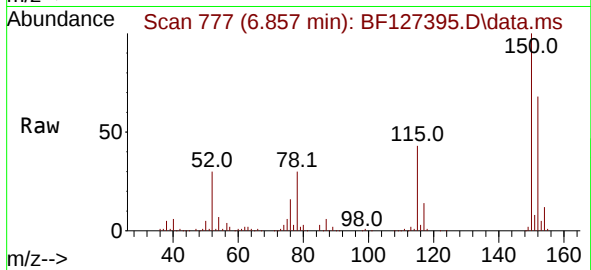




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF127395.D
 Acq: 18 Mar 2022 16:51

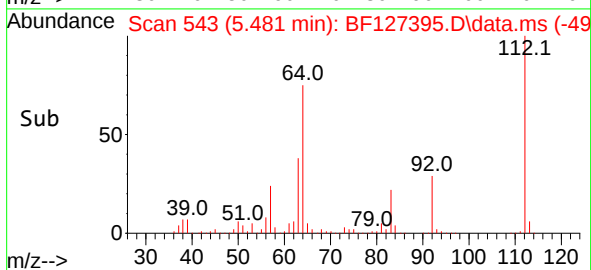
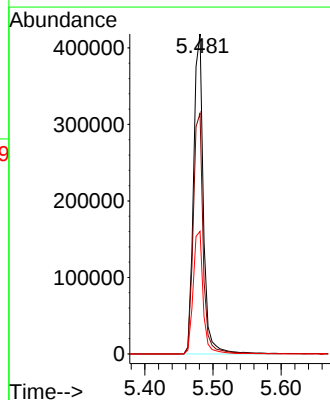
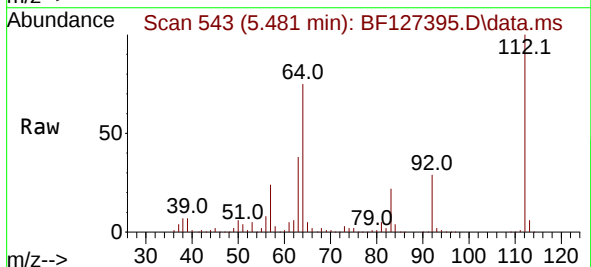
Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B18-26.0-26.5

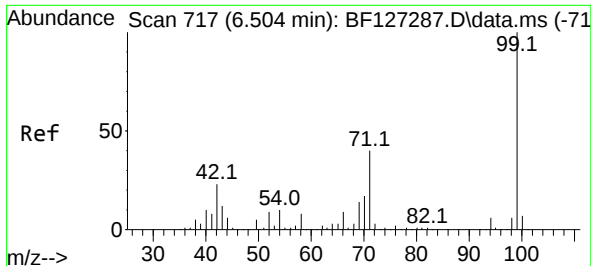
Tgt Ion:152 Resp: 75412
 Ion Ratio Lower Upper
 152 100
 150 147.3 128.1 192.1
 115 62.8 56.7 85.1



#5
 2-Fluorophenol
 Concen: 88.643 ng
 RT: 5.481 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: BF127395.D
 Acq: 18 Mar 2022 16:51

Tgt Ion:112 Resp: 415833
 Ion Ratio Lower Upper
 112 100
 64 75.2 49.5 74.3#
 63 38.3 23.9 35.9#

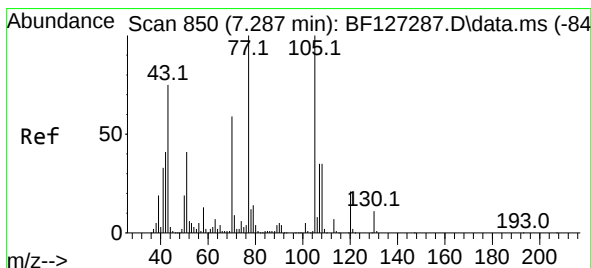
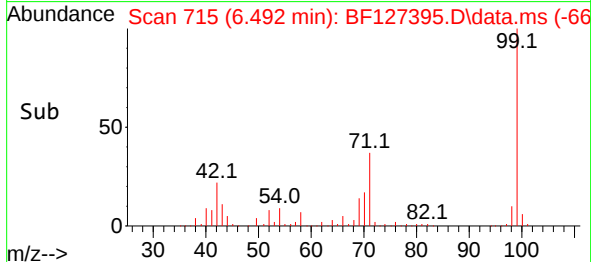
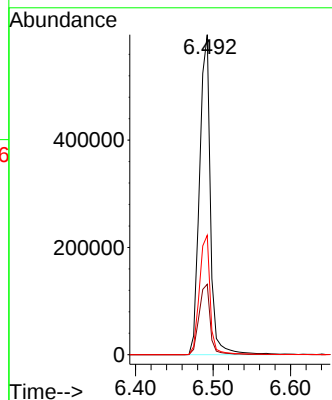
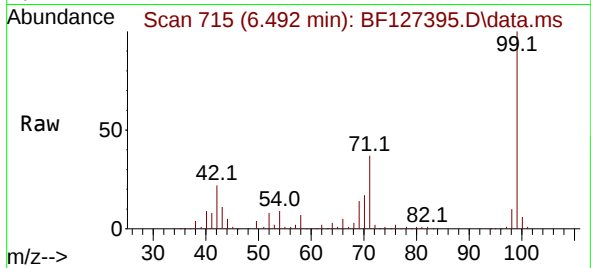




#7
Phenol-d6
Concen: 89.818 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF127395.D
Acq: 18 Mar 2022 16:51

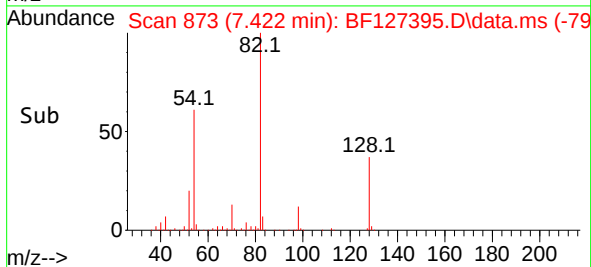
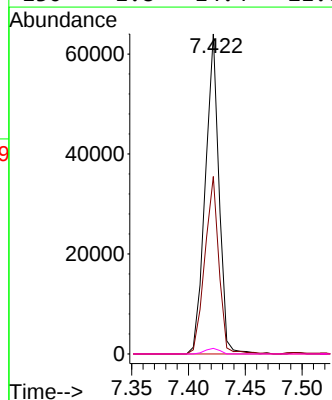
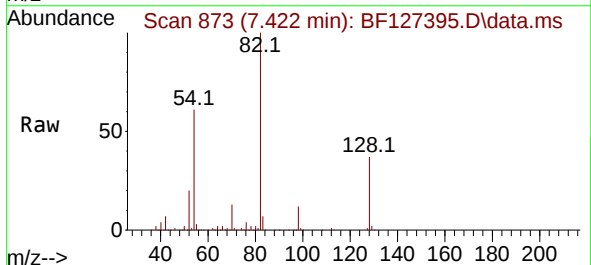
Instrument :
BNA_F
ClientSampleId :
PPSP-B18-26.0-26.5

Tgt Ion: 99 Resp: 579620
Ion Ratio Lower Upper
99 100
42 22.0 14.2 21.4#
71 37.3 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.327 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF127395.D
Acq: 18 Mar 2022 16:51

Tgt Ion: 70 Resp: 53668
Ion Ratio Lower Upper
70 100
42 55.5 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

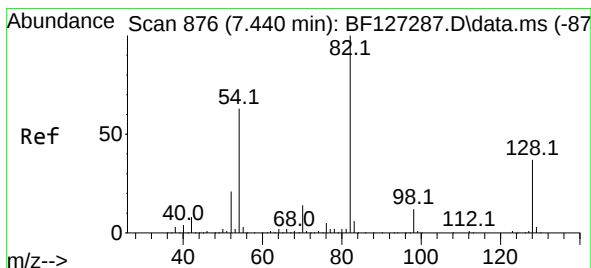
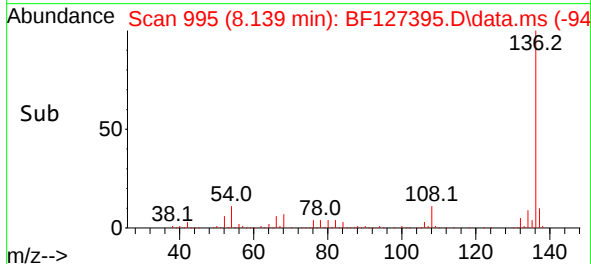
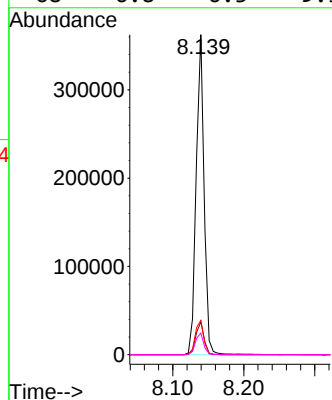
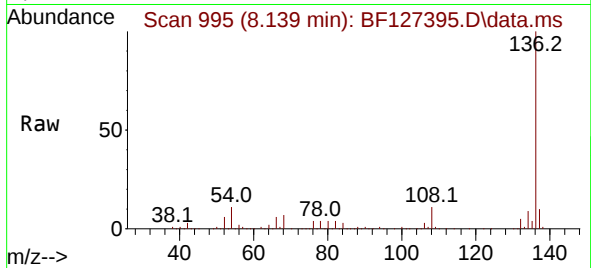




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127395.D
Acq: 18 Mar 2022 16:51

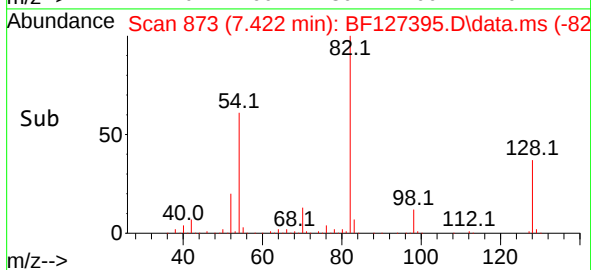
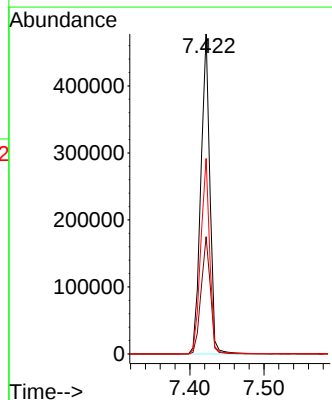
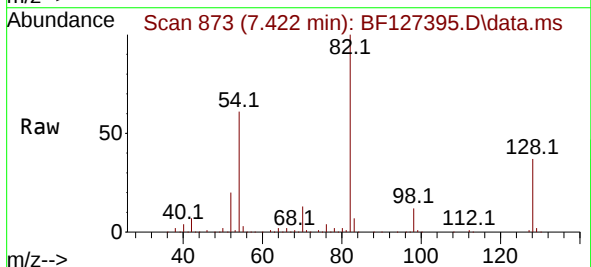
Instrument :
BNA_F
ClientSampleId :
PPSP-B18-26.0-26.5

Tgt Ion:	136	Resp:	282566
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	10.7	7.8	11.6
68	6.8	6.3	9.5



#23
Nitrobenzene-d5
Concen: 59.092 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF127395.D
Acq: 18 Mar 2022 16:51

Tgt Ion:	82	Resp:	404312
Ion Ratio	Lower	Upper	
82	100		
128	36.7	32.7	49.1
54	61.1	41.7	62.5

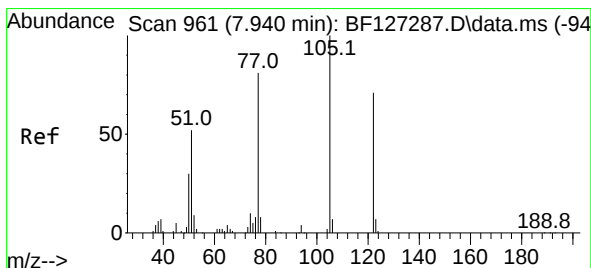
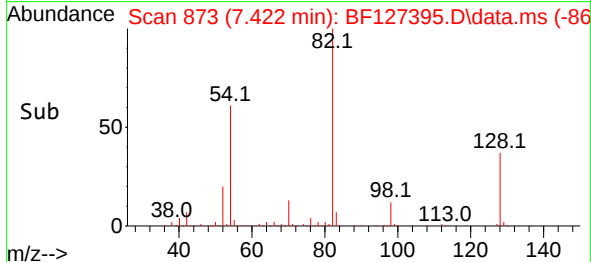
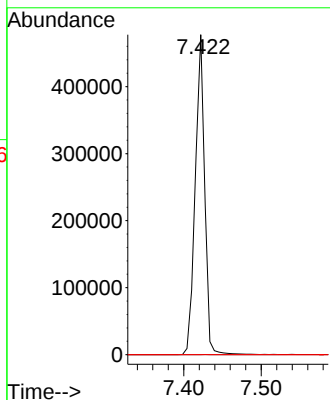
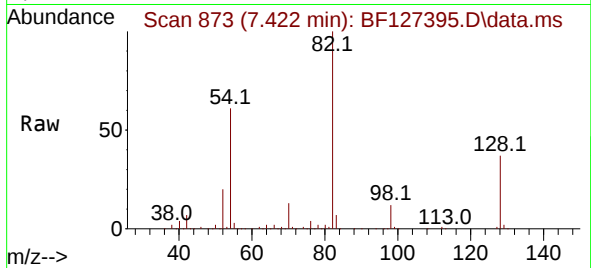




#25
Isophorone
Concen: 36.749 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127395.D
Acq: 18 Mar 2022 16:51

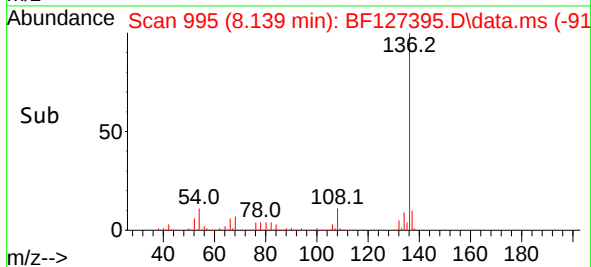
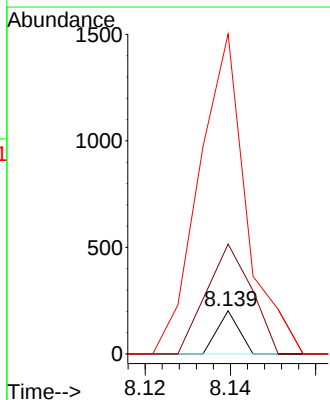
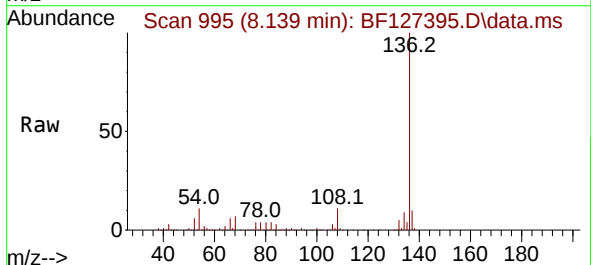
Instrument :
BNA_F
ClientSampleId :
PPSP-B18-26.0-26.5

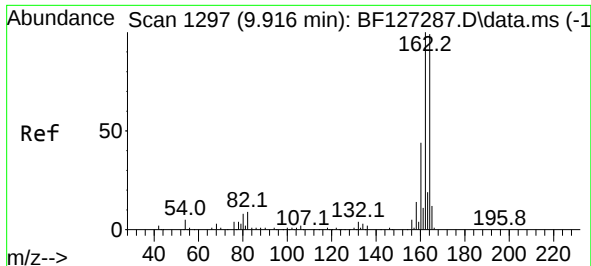
Tgt Ion: 82 Resp: 404308
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 6.645 ng
RT: 8.139 min Scan# 995
Delta R.T. 0.188 min
Lab File: BF127395.D
Acq: 18 Mar 2022 16:51

Tgt Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 254.2 101.0 141.0#
77 739.9 74.5 114.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127395.D

Acq: 18 Mar 2022 16:51

Instrument :

BNA_F

ClientSampleId :

PPSP-B18-26.0-26.5

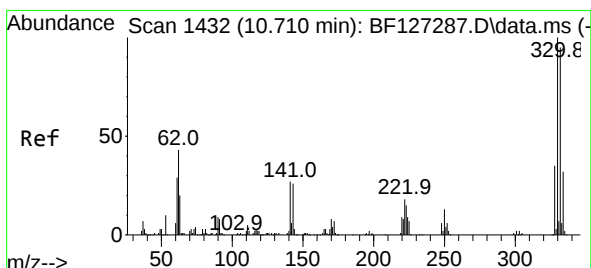
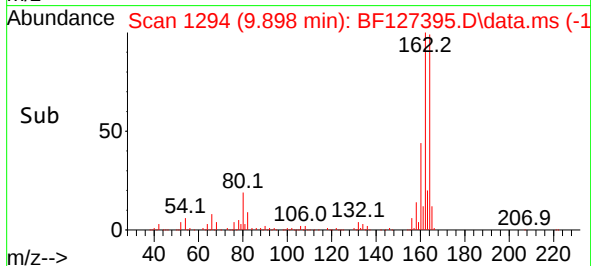
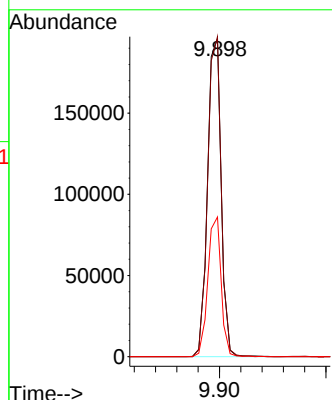
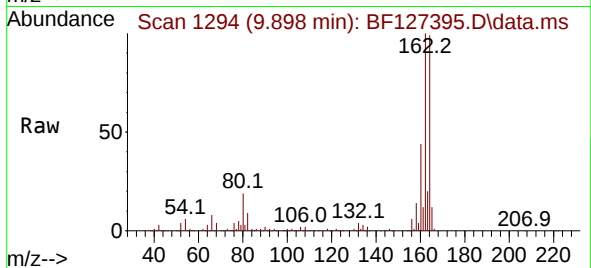
Tgt Ion:164 Resp: 174192

Ion Ratio Lower Upper

164 100

162 100.7 81.4 122.0

160 43.9 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 93.487 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF127395.D

Acq: 18 Mar 2022 16:51

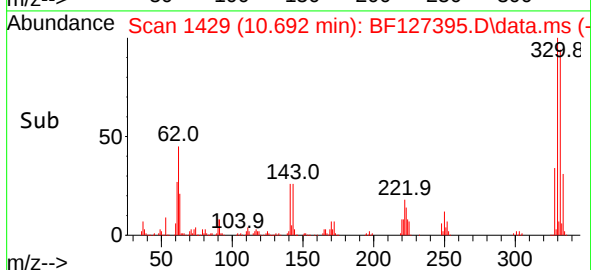
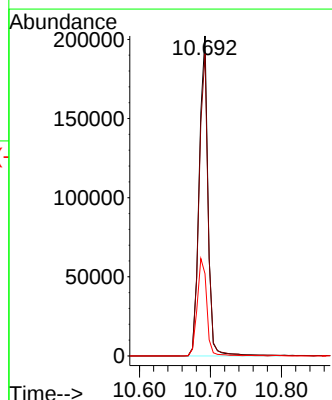
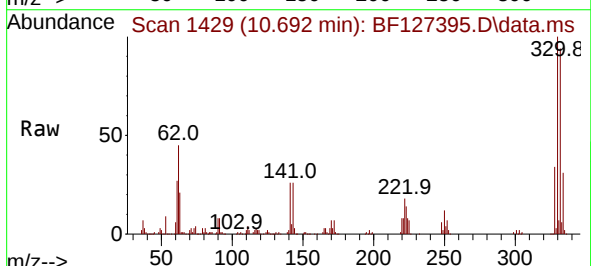
Tgt Ion:330 Resp: 175303

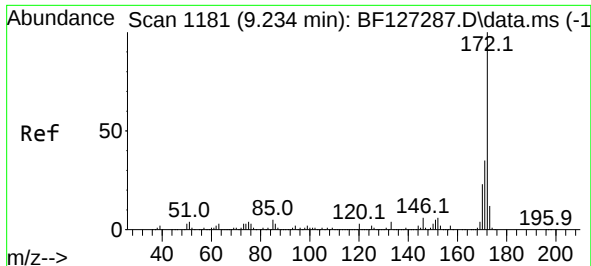
Ion Ratio Lower Upper

330 100

332 95.7 76.0 114.0

141 33.0 30.1 45.1

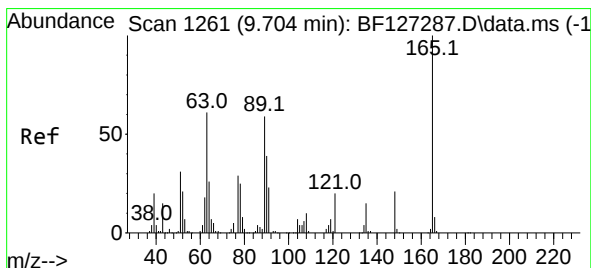
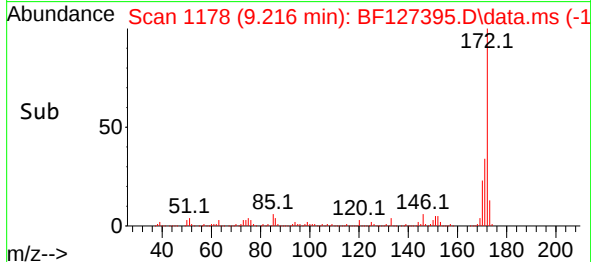
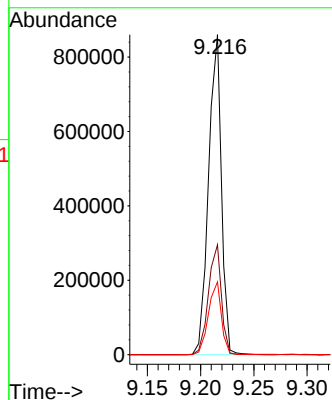
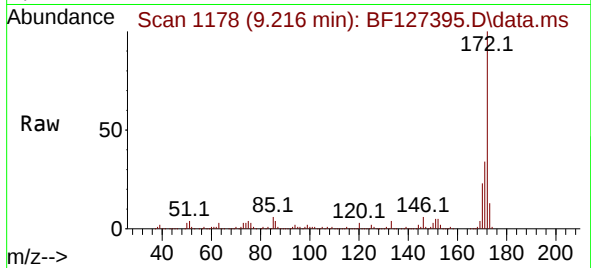




#45
2-Fluorobiphenyl
Concen: 58.915 ng
RT: 9.216 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127395.D
Acq: 18 Mar 2022 16:51

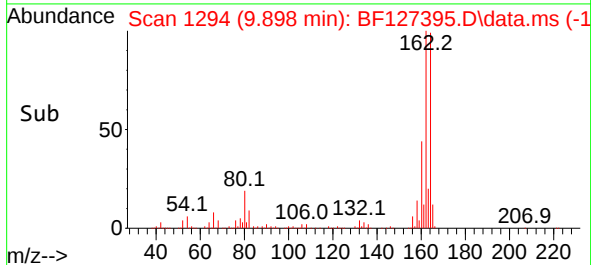
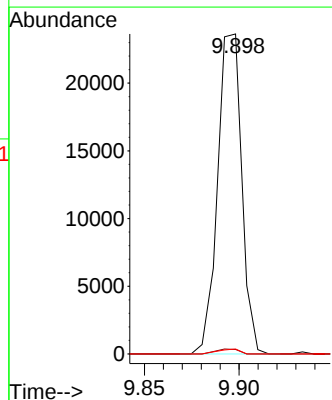
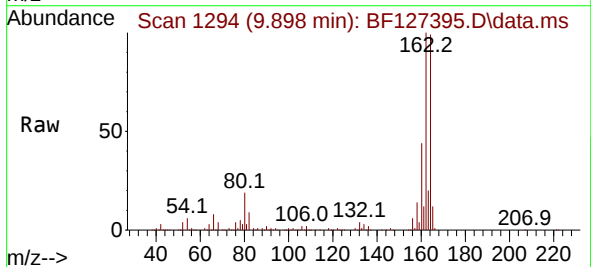
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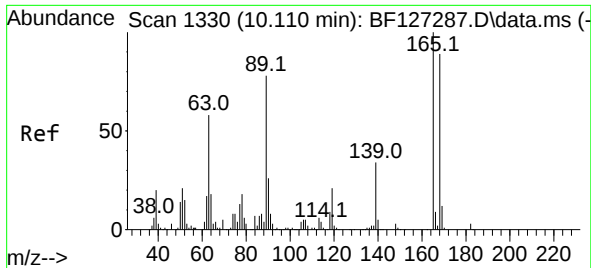
Tgt Ion:172 Resp: 725882
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.8 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.312 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.206 min
Lab File: BF127395.D
Acq: 18 Mar 2022 16:51

Tgt Ion:165 Resp: 20987
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.5 50.5 75.7#

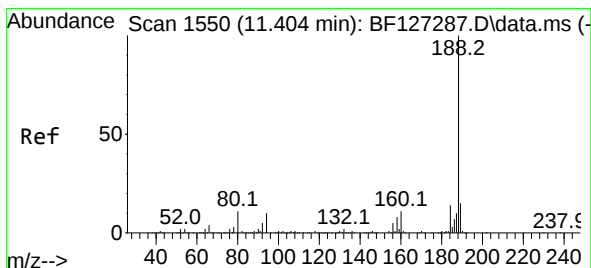
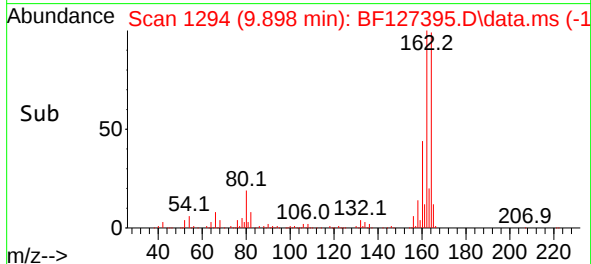
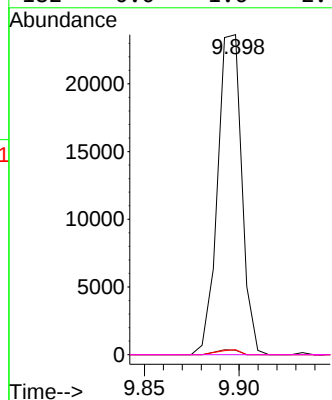
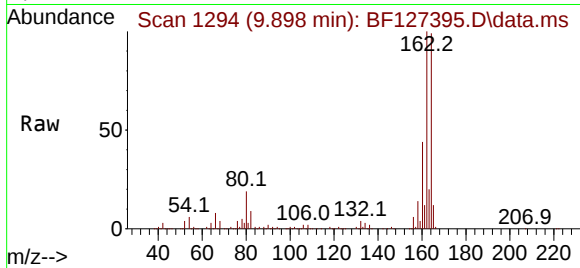




#57
2,4-Dinitrotoluene
Concen: 6.318 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127395.D
Acq: 18 Mar 2022 16:51

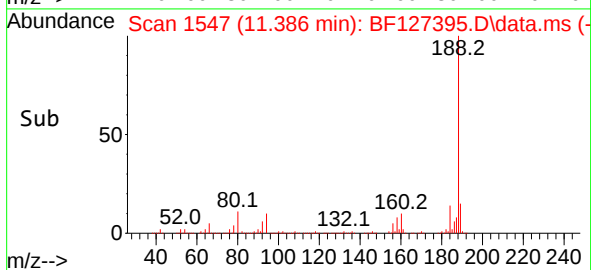
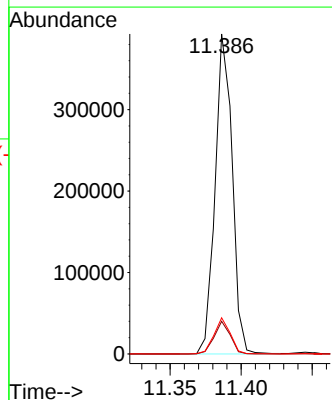
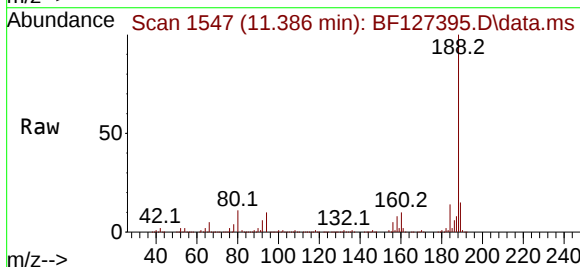
Instrument :
BNA_F
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PPSP-B18-26.0-26.5

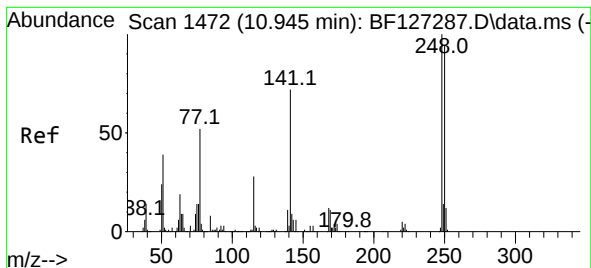
Tgt Ion:165 Resp: 20987
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF127395.D
Acq: 18 Mar 2022 16:51

Tgt Ion:188 Resp: 329068
Ion Ratio Lower Upper
188 100
94 10.2 10.1 15.1
80 11.3 11.8 17.6#

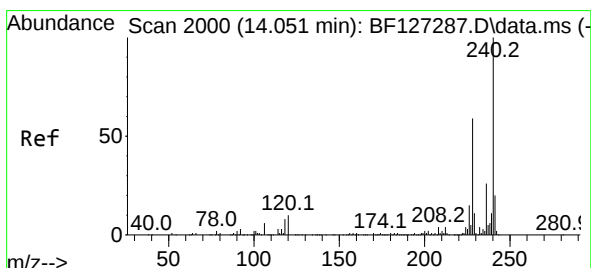
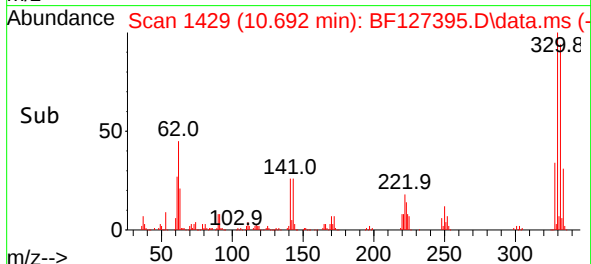
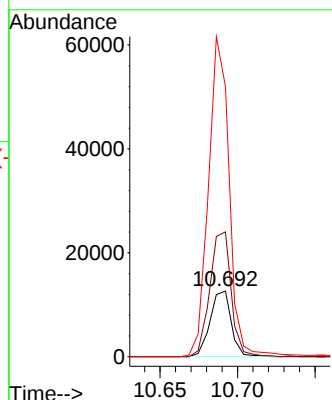
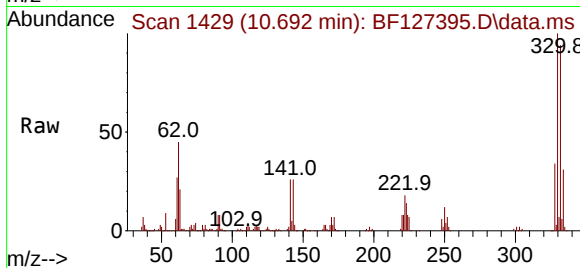




#67
4-Bromophenyl-phenylether
Concen: 3.025 ng
RT: 10.692 min Scan# 1472
Delta R.T. -0.241 min
Lab File: BF127395.D
Acq: 18 Mar 2022 16:51

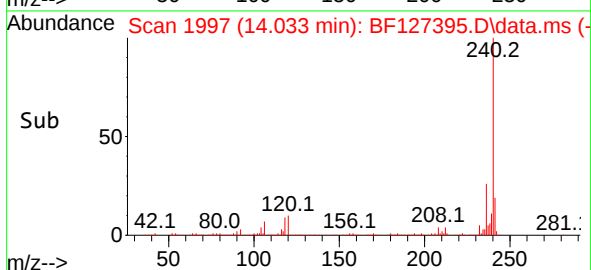
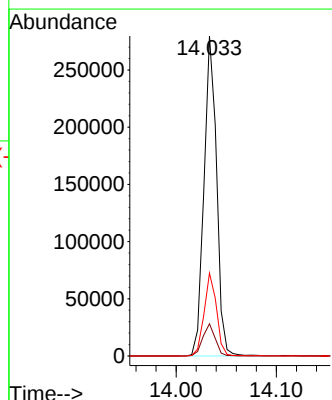
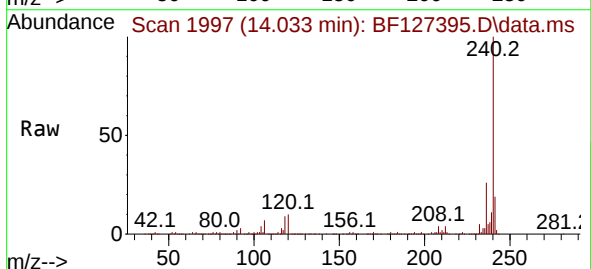
Instrument :
BNA_F
ClientSampleId :
PPSP-B18-26.0-26.5

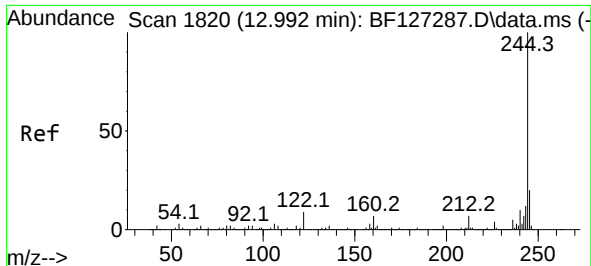
Tgt Ion:248 Resp: 11998
Ion Ratio Lower Upper
248 100
250 190.1 76.2 114.4#
141 411.1 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.012 min
Lab File: BF127395.D
Acq: 18 Mar 2022 16:51

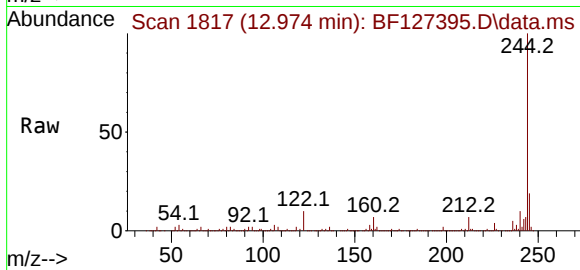
Tgt Ion:240 Resp: 245698
Ion Ratio Lower Upper
240 100
120 10.0 14.4 21.6#
236 25.9 20.5 30.7



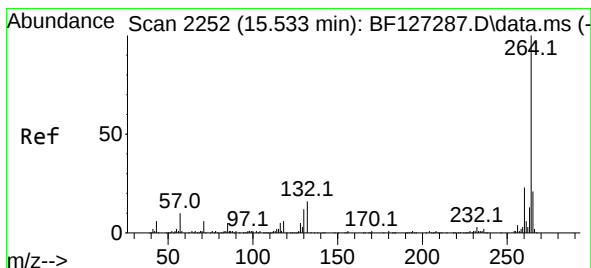
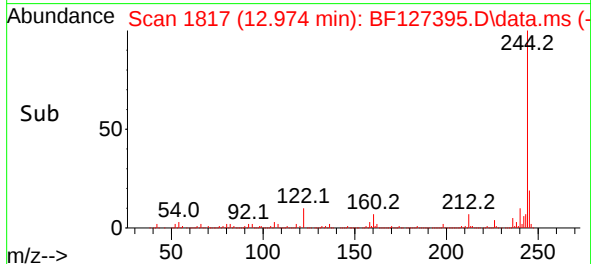
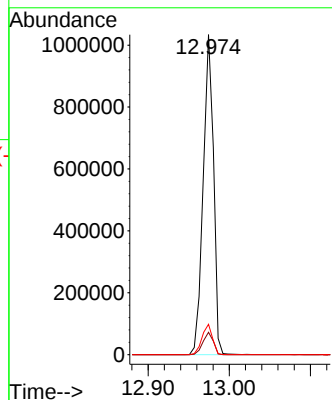


#79
 Terphenyl-d14
 Concen: 64.153 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127395.D
 Acq: 18 Mar 2022 16:51

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B18-26.0-26.5



Tgt Ion:244 Resp: 915378
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 9.5 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2249
 Delta R.T. -0.006 min
 Lab File: BF127395.D
 Acq: 18 Mar 2022 16:51

Tgt Ion:264 Resp: 209443
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.6 17.4 26.2

