

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
 Data File : BF126497.D
 Acq On : 5 Jan 2022 15:28
 Operator : JU/CG
 Sample : M5251-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6D

Quant Time: Jan 06 01:09:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

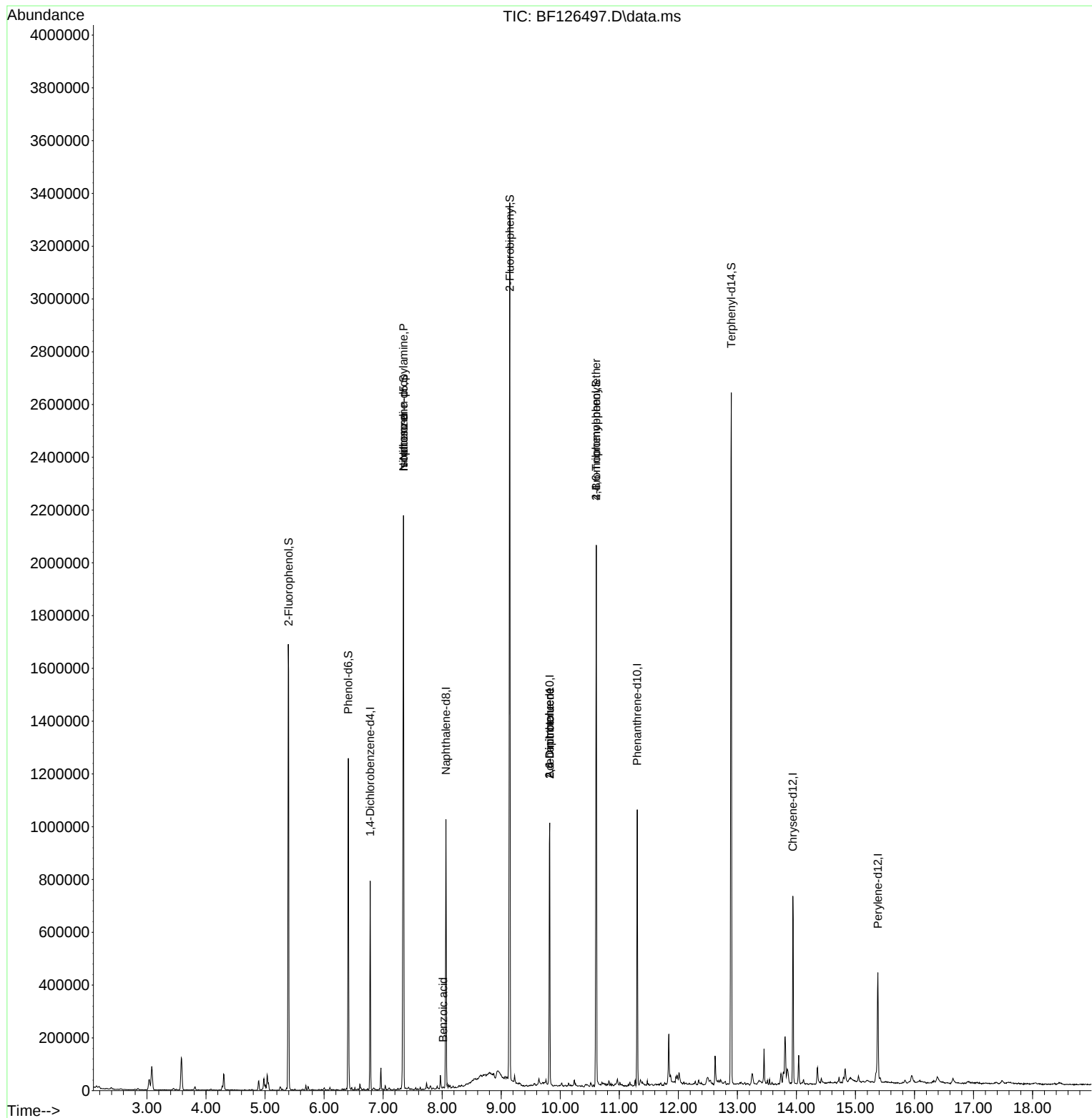
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	101246	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	434825	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	209180	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	333567	20.000	ng	0.00
76) Chrysene-d12	13.939	240	232173	20.000	ng	-0.01
86) Perylene-d12	15.380	264	165796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	510071	72.348	ng	0.00
7) Phenol-d6	6.410	99	410874	44.995	ng	-0.01
23) Nitrobenzene-d5	7.345	82	780541	92.170	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	244222	151.087	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1059139	89.100	ng	0.00
79) Terphenyl-d14	12.898	244	935722	78.306	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	98456	18.895	ng	# 80
25) Isophorone	7.345	82	777528	51.289	ng	# 69
32) Benzoic acid	8.016	122	775	7.231	ng	98
51) 2,6-Dinitrotoluene	9.822	165	26529	9.407	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	26529	7.291	ng	# 15
67) 4-Bromophenyl-phenylether	10.610	248	12711	4.293	ng	# 1
77) Benzidine	12.892	184	12560	Below Cal		95

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

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Quant Time: Jan 06 01:09:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

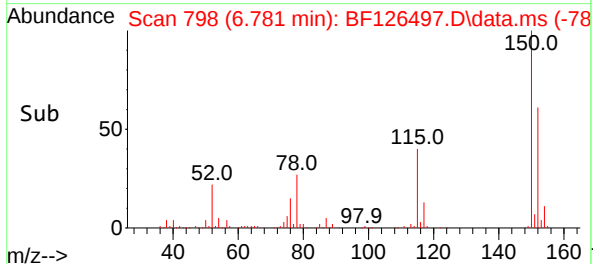
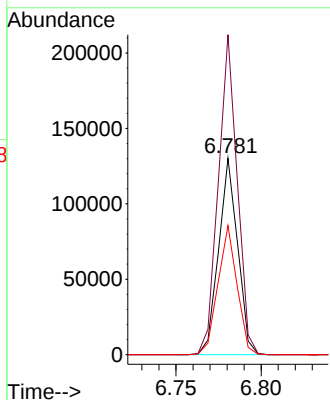
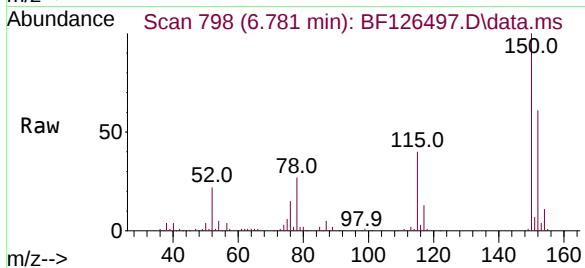




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF126497.D
 Acq: 5 Jan 2022 15:28

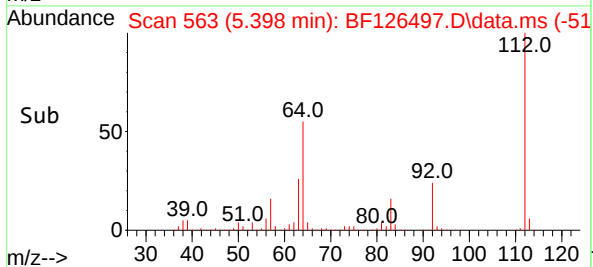
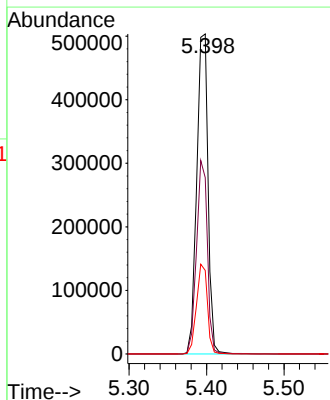
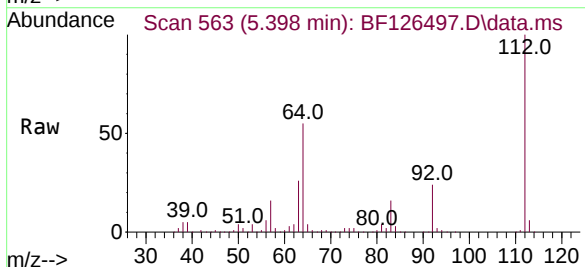
Instrument :
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 ClientSampleId :
 MW-6D

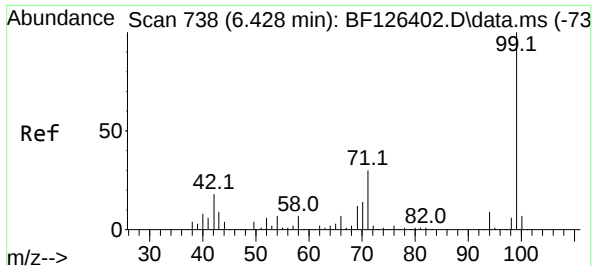
Tgt Ion:152 Resp: 101246
 Ion Ratio Lower Upper
 152 100
 150 162.8 128.1 192.1
 115 65.7 56.7 85.1



#5
 2-Fluorophenol
 Concen: 72.348 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: BF126497.D
 Acq: 5 Jan 2022 15:28

Tgt Ion:112 Resp: 510071
 Ion Ratio Lower Upper
 112 100
 64 55.1 49.5 74.3
 63 26.1 23.9 35.9

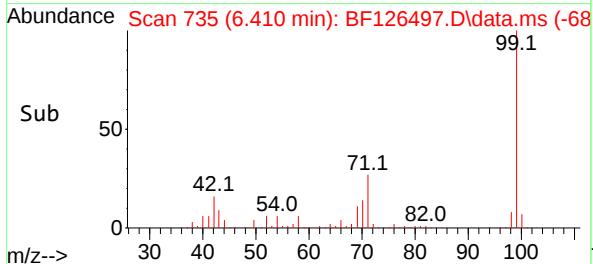
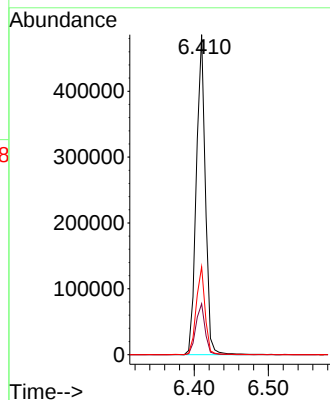
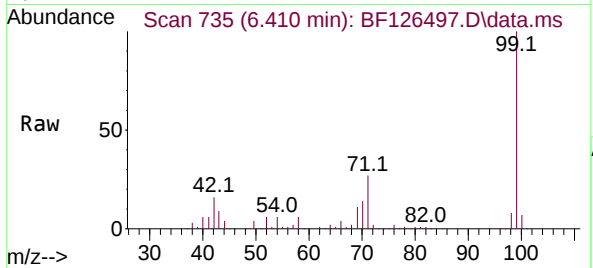




#7
Phenol-d6
Concen: 44.995 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126497.D
Acq: 5 Jan 2022 15:28

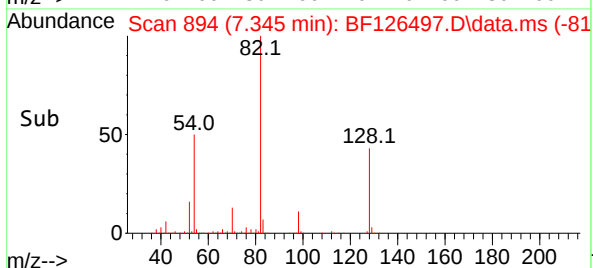
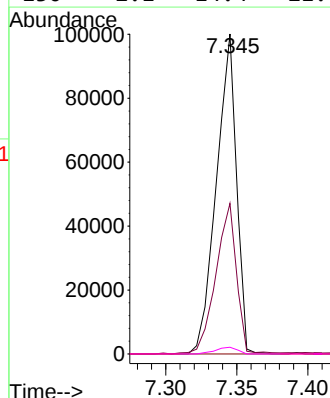
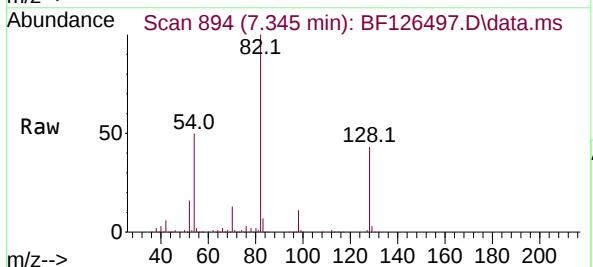
Instrument :
BNA_F
ClientSampleId :
MW-6D

Tgt Ion: 99 Resp: 410874
Ion Ratio Lower Upper
99 100
42 15.9 14.2 21.4
71 27.5 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.895 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126497.D
Acq: 5 Jan 2022 15:28

Tgt Ion: 70 Resp: 98456
Ion Ratio Lower Upper
70 100
42 47.0 45.8 68.8
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#

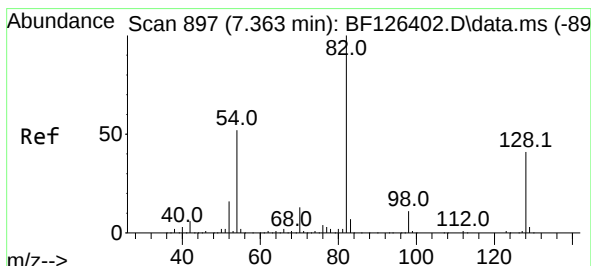
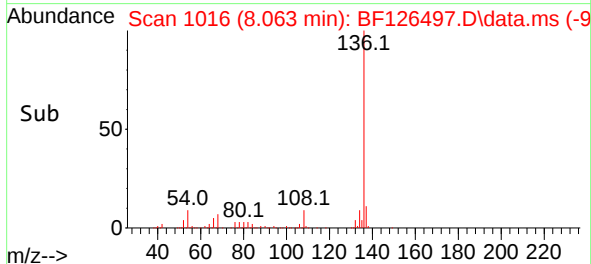
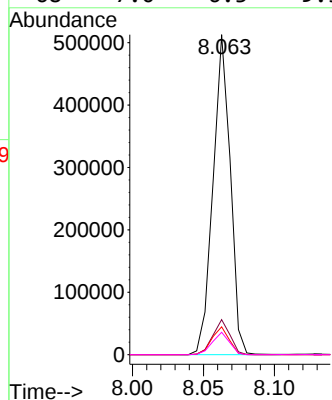
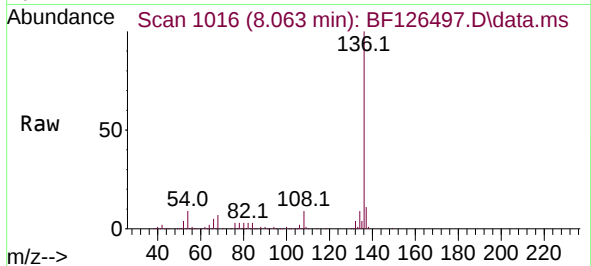




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126497.D
Acq: 5 Jan 2022 15:28

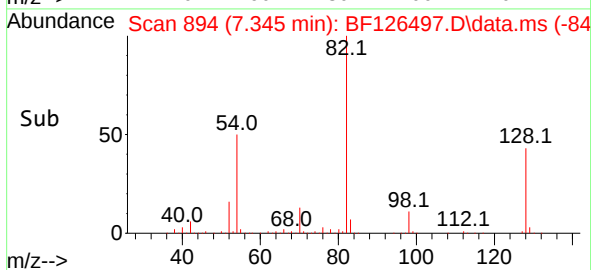
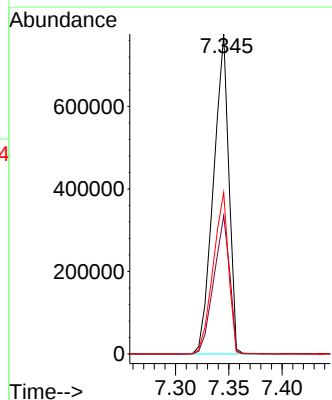
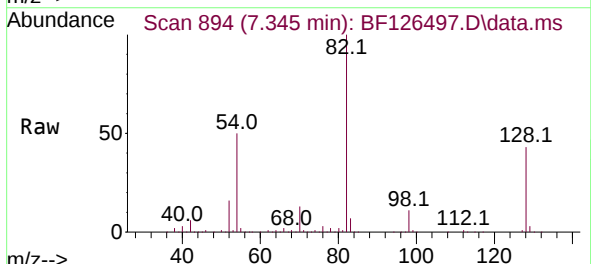
Instrument :
BNA_F
ClientSampleId :
MW-6D

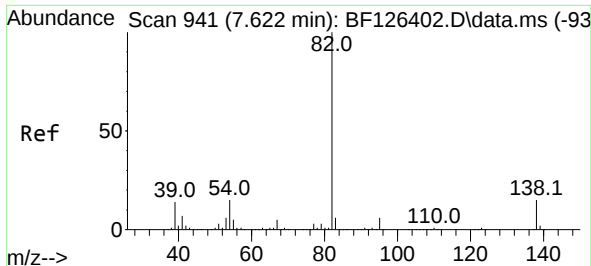
Tgt Ion:	136	Resp:	434825
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.7	7.8	11.6
68	7.0	6.3	9.5



#23
Nitrobenzene-d5
Concen: 92.170 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126497.D
Acq: 5 Jan 2022 15:28

Tgt Ion:	82	Resp:	780541
Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.7	49.1
54	50.5	41.7	62.5

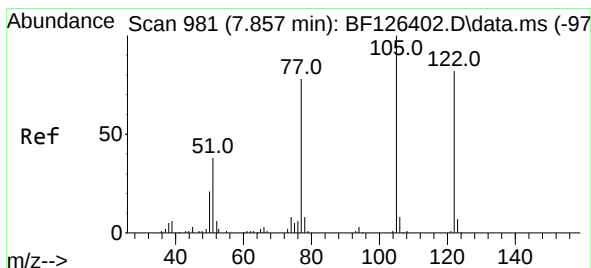
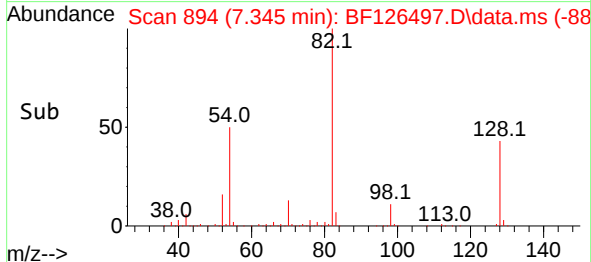
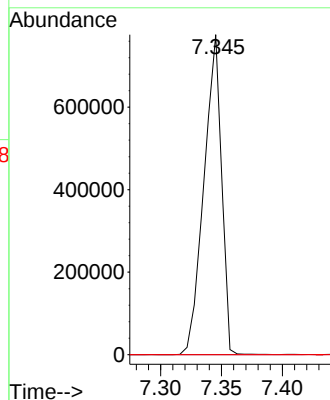
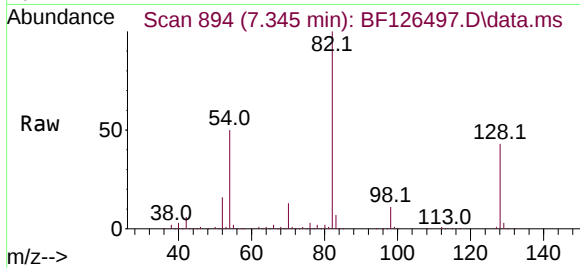




#25
Isophorone
Concen: 51.289 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126497.D
Acq: 5 Jan 2022 15:28

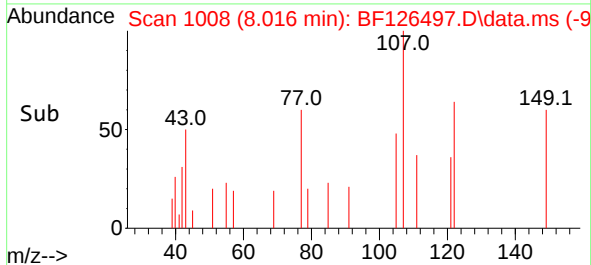
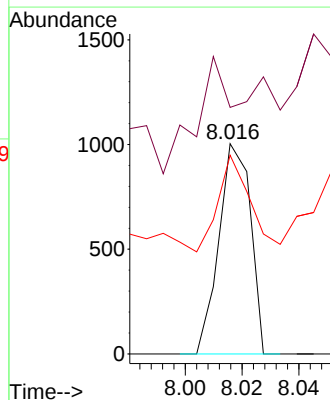
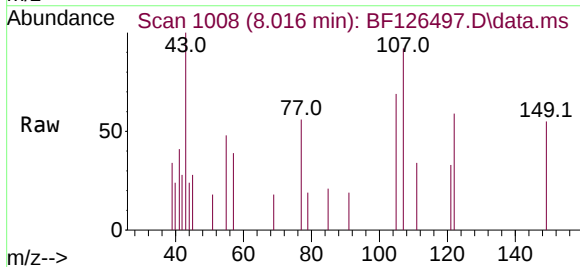
Instrument :
BNA_F
ClientSampleId :
MW-6D

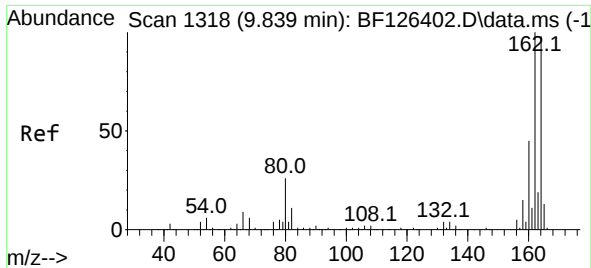
Tgt Ion: 82 Resp: 777528
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 7.231 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.171 min
Lab File: BF126497.D
Acq: 5 Jan 2022 15:28

Tgt Ion:122 Resp: 775
Ion Ratio Lower Upper
122 100
105 117.2 101.0 141.0
77 94.5 74.5 114.5

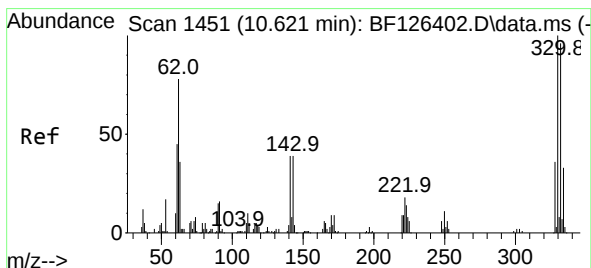
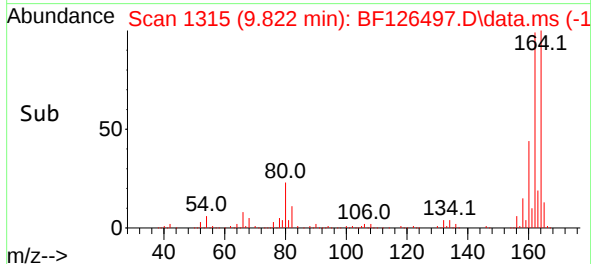
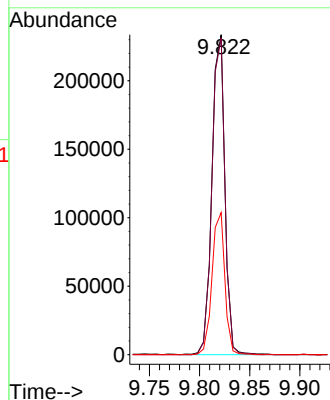
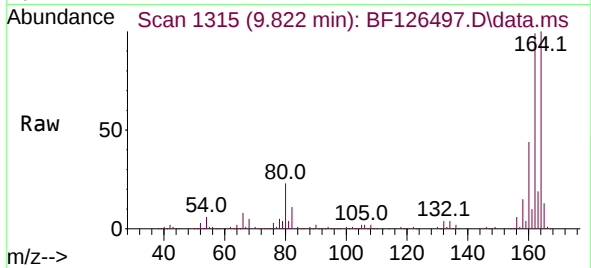




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126497.D
Acq: 5 Jan 2022 15:28

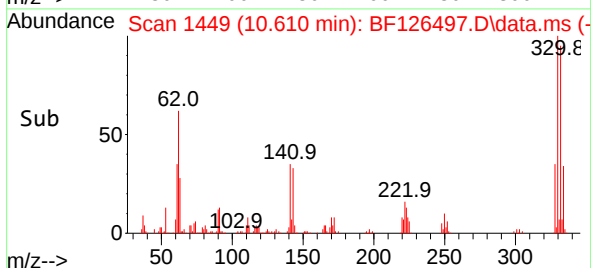
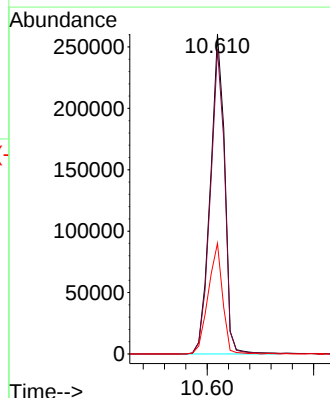
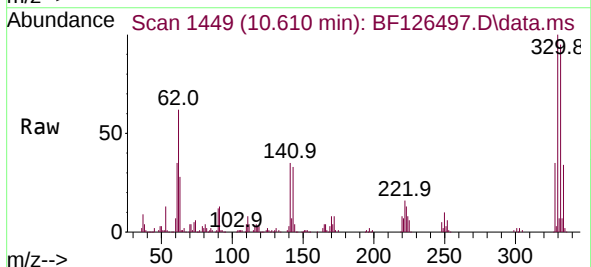
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ClientSampleId :
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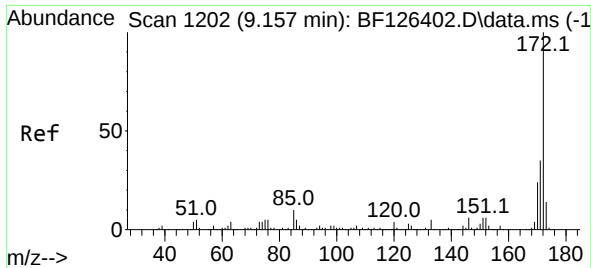
Tgt Ion:164 Resp: 209180
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 44.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 151.087 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF126497.D
Acq: 5 Jan 2022 15:28

Tgt Ion:330 Resp: 244222
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 34.5 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 89.100 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126497.D

Acq: 5 Jan 2022 15:28

Instrument :

BNA_F

ClientSampleId :

MW-6D

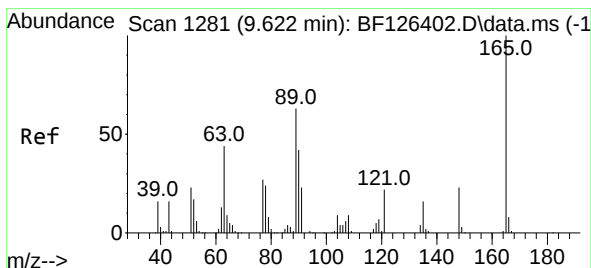
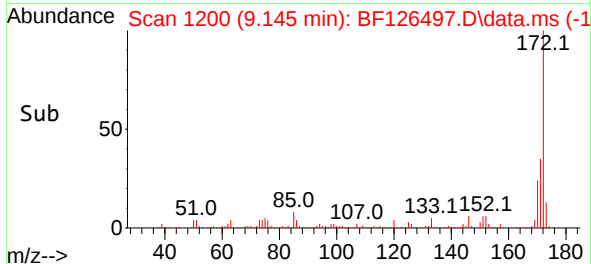
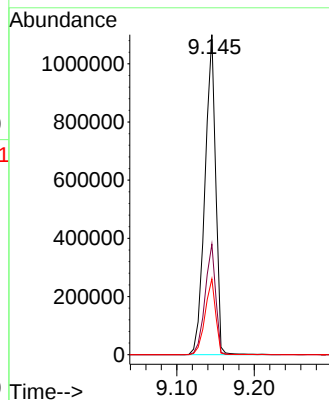
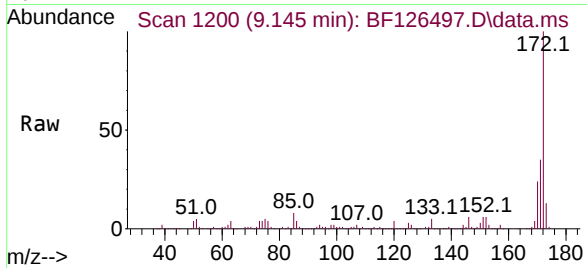
Tgt Ion:172 Resp: 1059139

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.7 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.407 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.212 min

Lab File: BF126497.D

Acq: 5 Jan 2022 15:28

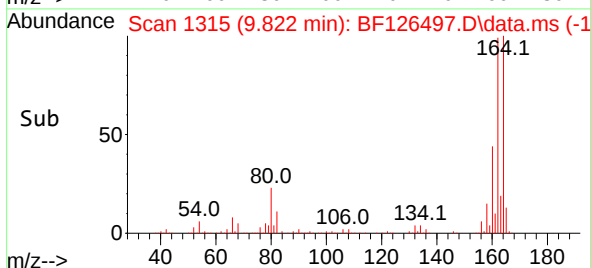
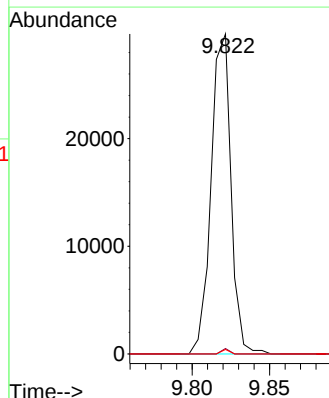
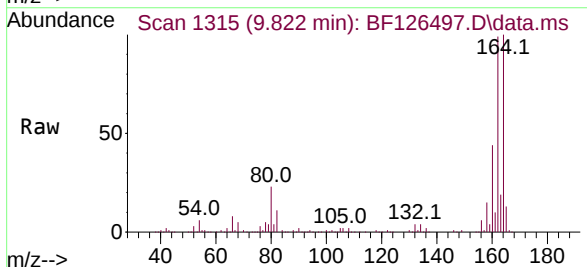
Tgt Ion:165 Resp: 26529

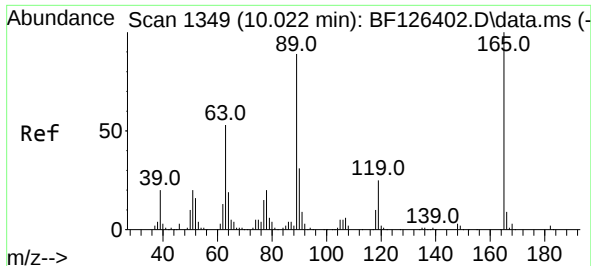
Ion Ratio Lower Upper

165 100

63 1.7 48.4 72.6#

89 1.4 50.5 75.7#

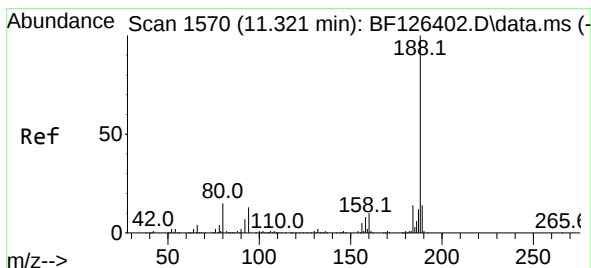
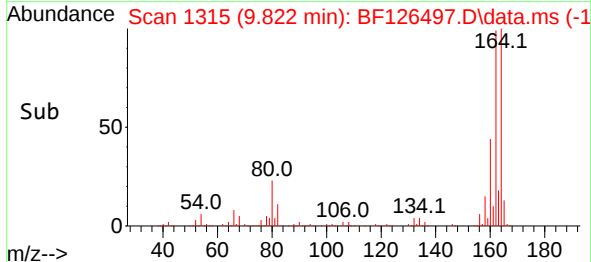
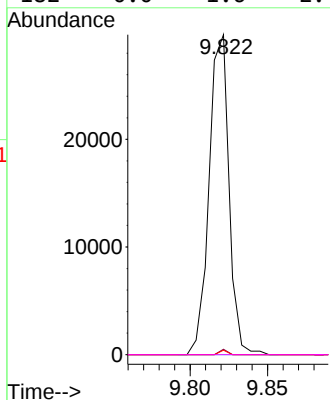
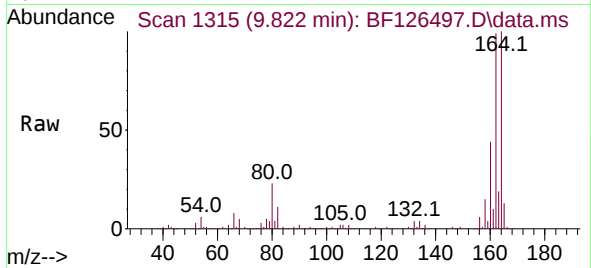




#57
2,4-Dinitrotoluene
Concen: 7.291 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126497.D
Acq: 5 Jan 2022 15:28

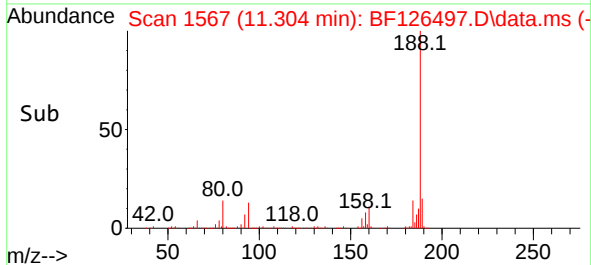
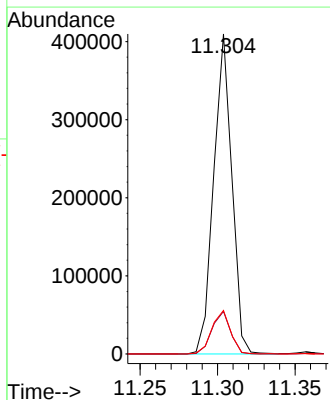
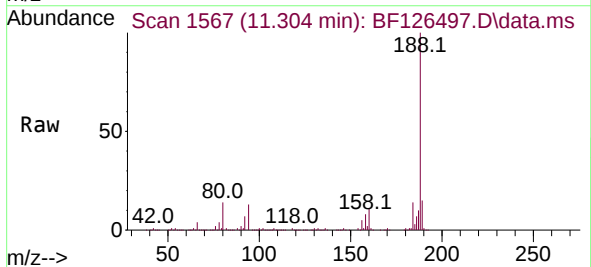
Instrument :
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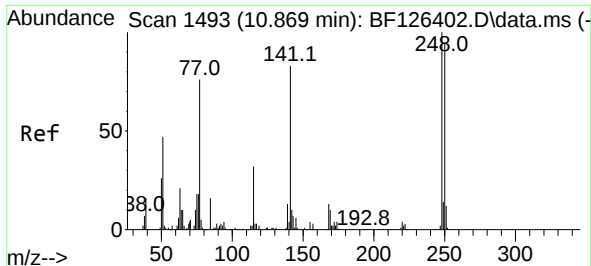
Tgt Ion:165	Resp:	26529
Ion Ratio	Lower	Upper
165	100	
63	1.7	43.0 64.6#
89	1.4	71.0 106.4#
182	0.0	1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF126497.D
Acq: 5 Jan 2022 15:28

Tgt Ion:188	Resp:	333567
Ion Ratio	Lower	Upper
188	100	
94	13.3	10.1 15.1
80	13.6	11.8 17.6

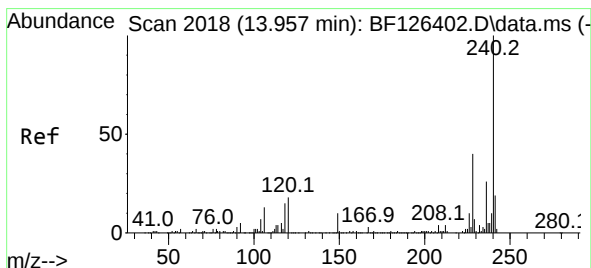
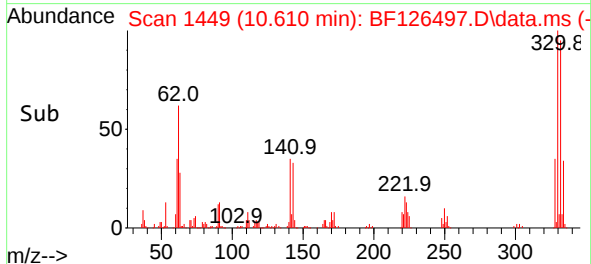
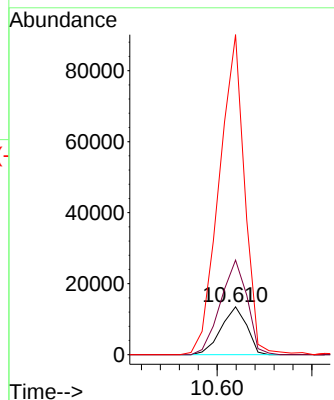
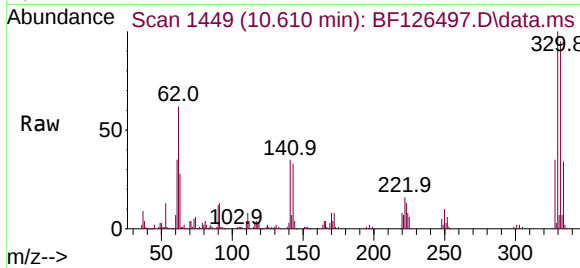




#67
4-Bromophenyl-phenylether
Concen: 4.293 ng
RT: 10.610 min Scan# 1493
Delta R.T. -0.247 min
Lab File: BF126497.D
Acq: 5 Jan 2022 15:28

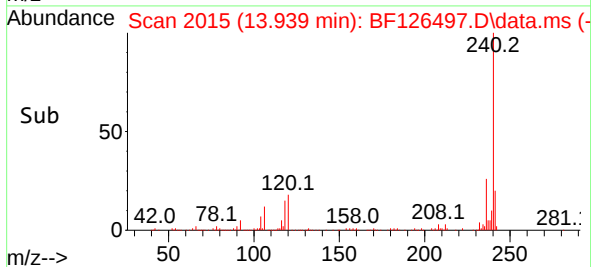
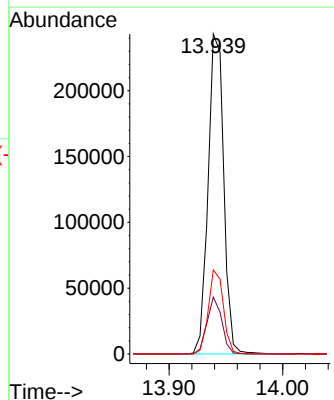
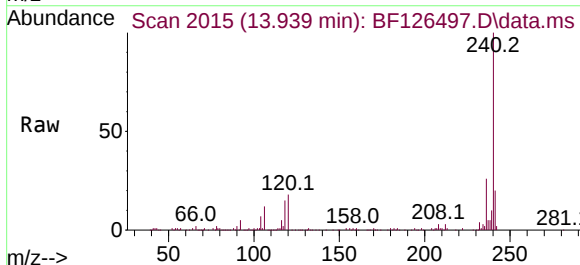
Instrument :
BNA_F
ClientSampleId :
MW-6D

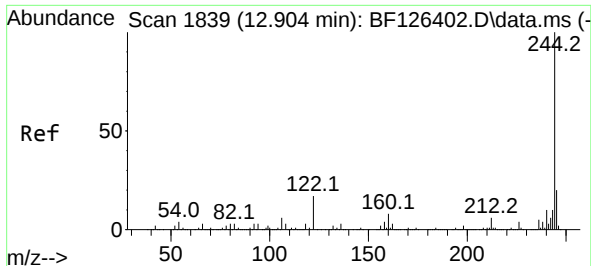
Tgt Ion:248 Resp: 12711
Ion Ratio Lower Upper
248 100
250 197.7 76.2 114.4#
141 669.1 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF126497.D
Acq: 5 Jan 2022 15:28

Tgt Ion:240 Resp: 232173
Ion Ratio Lower Upper
240 100
120 17.8 14.4 21.6
236 26.3 20.5 30.7

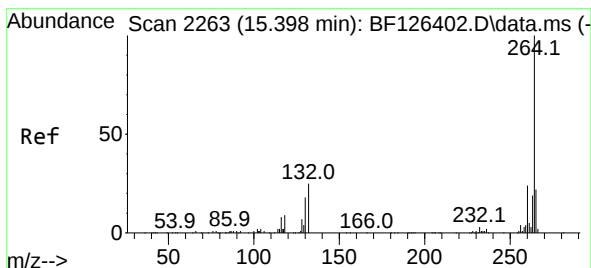
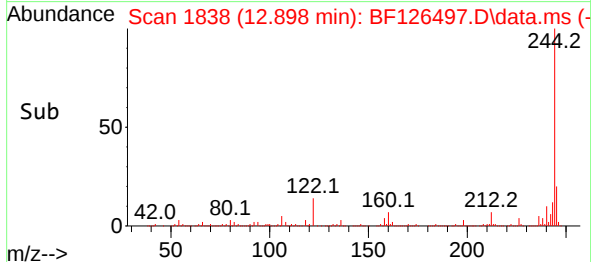
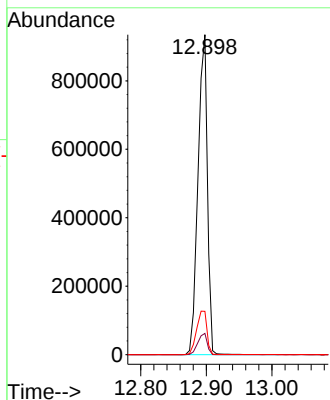
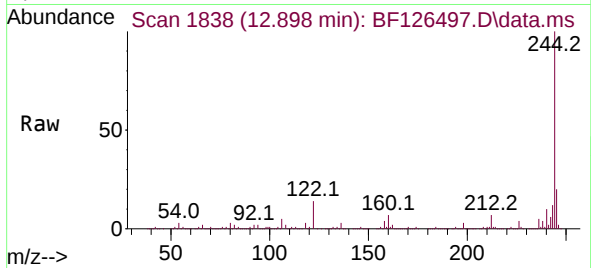




#79
Terphenyl-d14
Concen: 78.306 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BF126497.D
Acq: 5 Jan 2022 15:28

Instrument :
BNA_F
ClientSampleId :
MW-6D

Tgt Ion:244 Resp: 935722
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 13.6 13.3 19.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF126497.D
Acq: 5 Jan 2022 15:28

Tgt Ion:264 Resp: 165796
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 21.4 17.4 26.2

