

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
 Data File : BP009375.D
 Acq On : 11 Mar 2022 20:54
 Operator : CG/JU
 Sample : N1886-03 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 30969

Quant Time: Mar 12 04:52:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

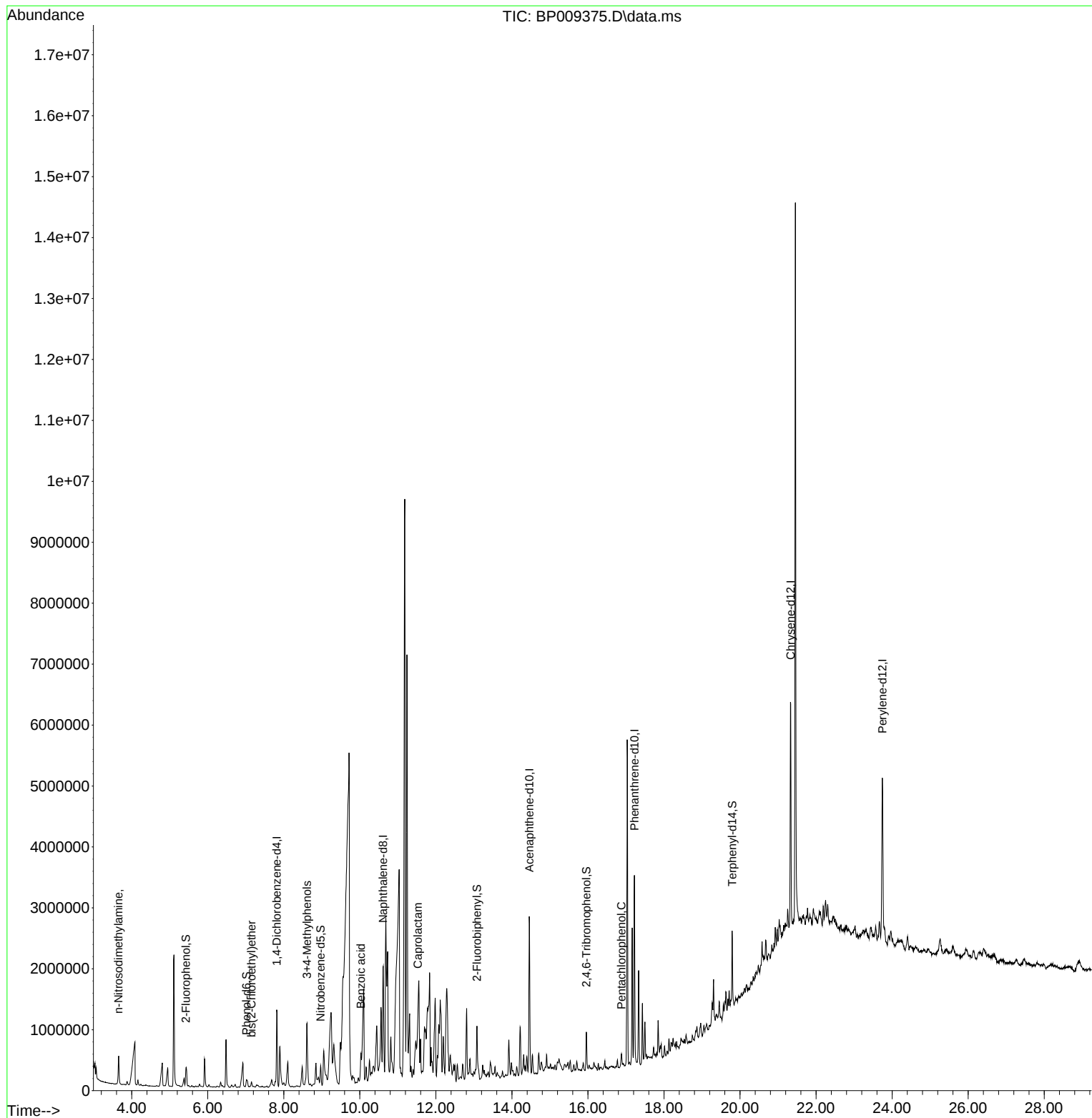
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	377255	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1441162	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	938028	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1996575	20.000	ng	0.00
76) Chrysene-d12	21.333	240	1976144	20.000	ng	# 0.00
86) Perylene-d12	23.745	264	2221188	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	97174	3.760	ng	0.02
7) Phenol-d6	7.022	99	72990	2.222	ng	0.04
23) Nitrobenzene-d5	8.969	82	188889	7.219	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	143334	12.654	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	449817	6.595	ng	0.00
79) Terphenyl-d14	19.792	244	609664	5.822	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.652	42	24958	2.552	ng	# 1
11) bis(2-Chloroethyl)ether	7.152	93	59890	2.275	ng	# 27
20) 3+4-Methylphenols	8.610	107	508664	17.240	ng	90
32) Benzoic acid	10.028	122	58394	4.866	ng	90
35) Caprolactam	11.528	113	42134	6.282	ng	# 1
70) Pentachlorophenol	16.881	266	40648	2.673	ng	97

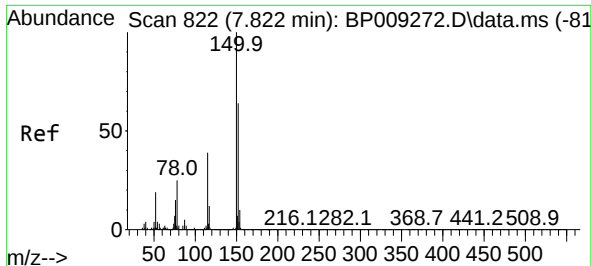
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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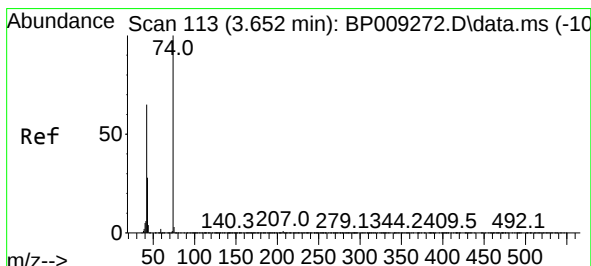
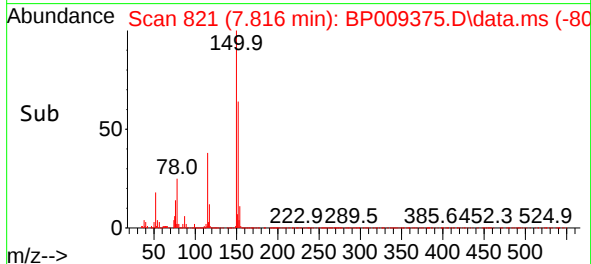
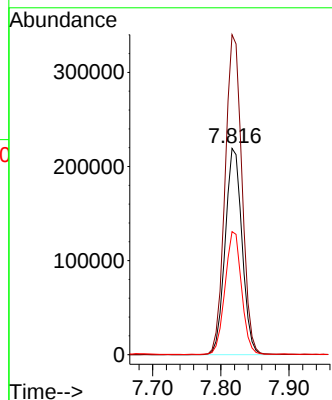
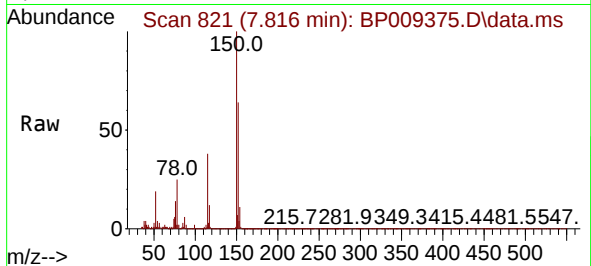




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009375.D
Acq: 11 Mar 2022 20:54

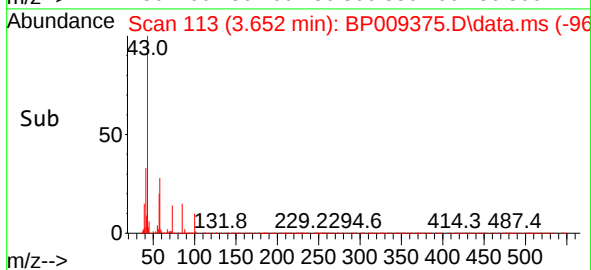
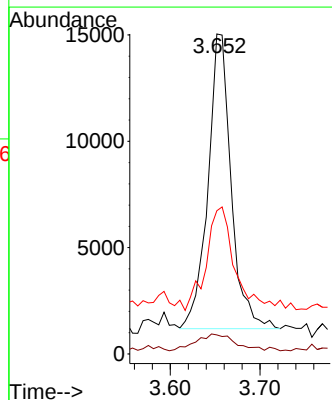
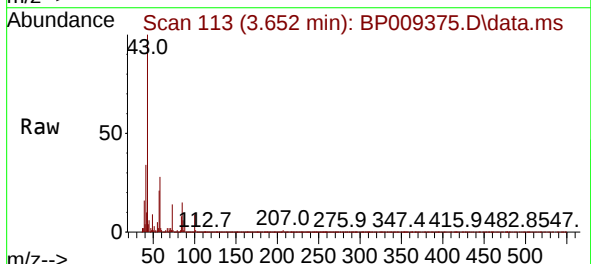
Instrument :
BNA_P
ClientSampleId :
30969

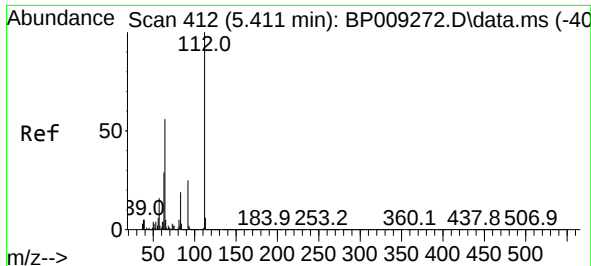
Tgt Ion:152 Resp: 377255
Ion Ratio Lower Upper
152 100
150 155.2 124.5 186.7
115 59.7 48.2 72.4



#4
n-Nitrosodimethylamine
Concen: 2.552 ng
RT: 3.652 min Scan# 113
Delta R.T. -0.000 min
Lab File: BP009375.D
Acq: 11 Mar 2022 20:54

Tgt Ion: 42 Resp: 24958
Ion Ratio Lower Upper
42 100
74 5.9 122.1 183.1#
44 44.8 5.8 8.8#

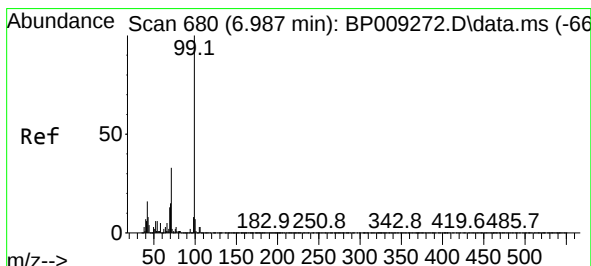
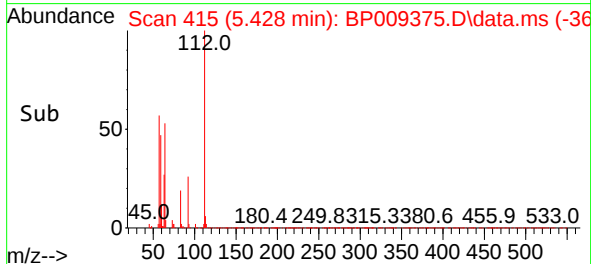
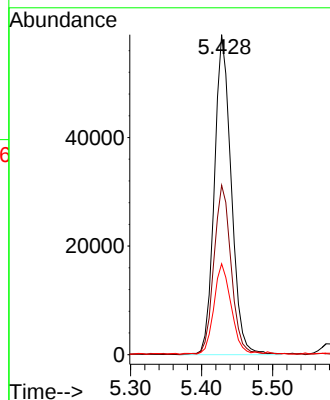
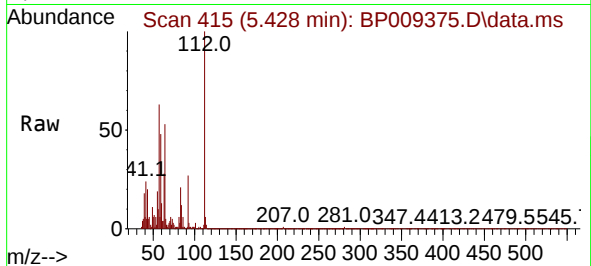




#5
2-Fluorophenol
Concen: 3.760 ng
RT: 5.428 min Scan# 411
Delta R.T. 0.017 min
Lab File: BP009375.D
Acq: 11 Mar 2022 20:54

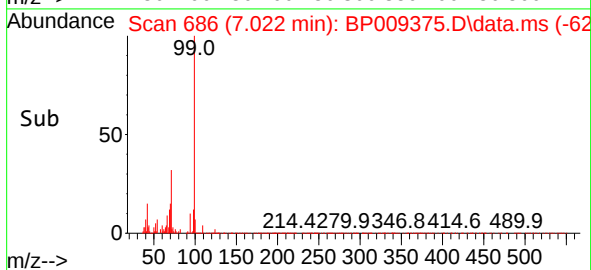
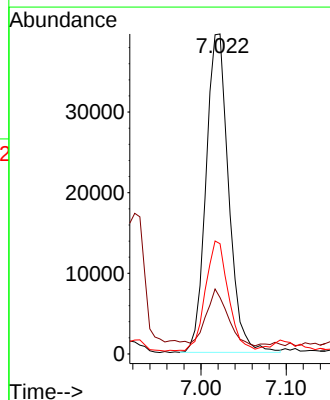
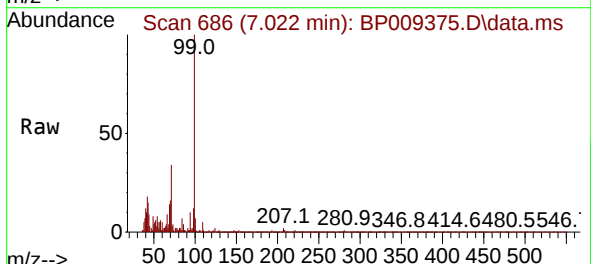
Instrument :
BNA_P
ClientSampleId :
30969

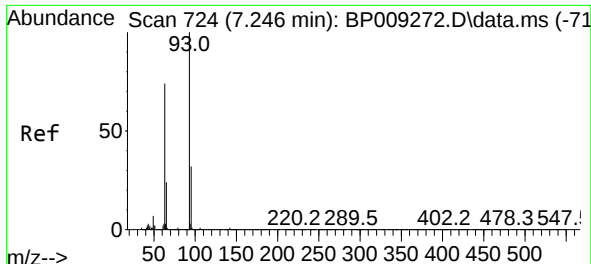
Tgt Ion:112 Resp: 97174
Ion Ratio Lower Upper
112 100
64 53.0 45.0 67.4
63 28.4 23.0 34.6



#7
Phenol-d6
Concen: 2.222 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.035 min
Lab File: BP009375.D
Acq: 11 Mar 2022 20:54

Tgt Ion: 99 Resp: 72990
Ion Ratio Lower Upper
99 100
42 17.6 12.8 19.2
71 34.5 26.3 39.5

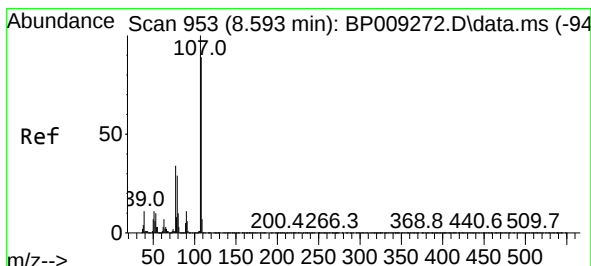
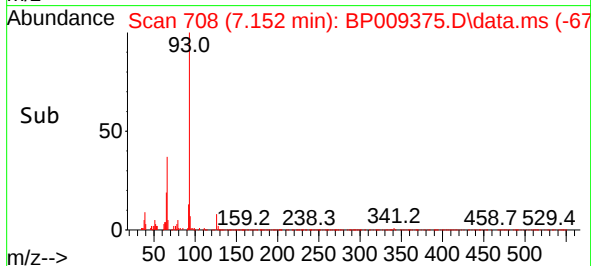
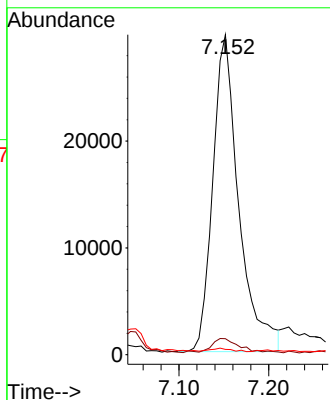
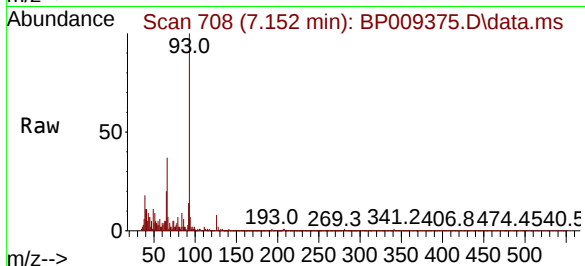




#11
bis(2-Chloroethyl)ether
Concen: 2.275 ng
RT: 7.152 min Scan# 708
Delta R.T. -0.094 min
Lab File: BP009375.D
Acq: 11 Mar 2022 20:54

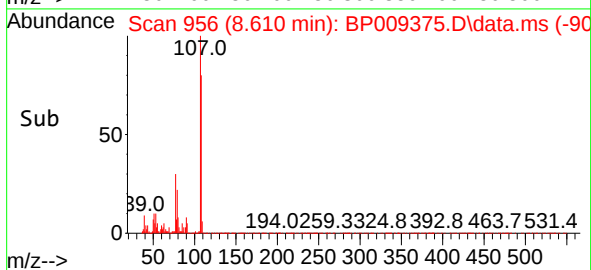
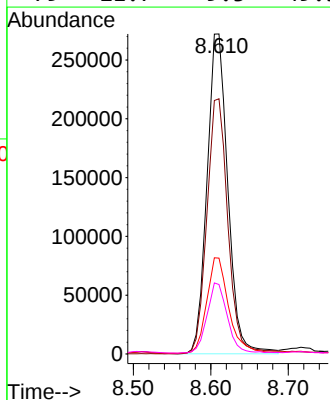
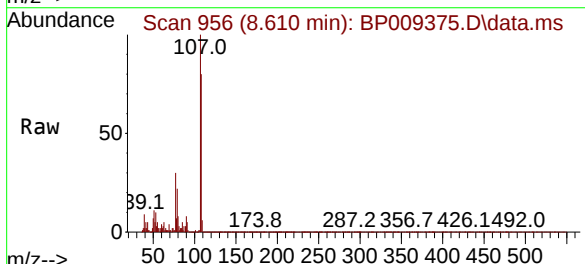
Instrument :
BNA_P
ClientSampleId :
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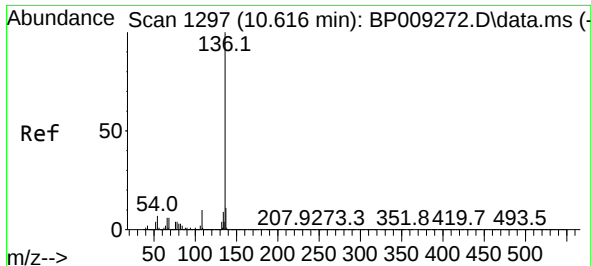
Tgt Ion: 93 Resp: 59890
Ion Ratio Lower Upper
93 100
63 5.0 53.5 93.5#
95 1.6 12.0 52.0#



#20
3+4-Methylphenols
Concen: 17.240 ng
RT: 8.610 min Scan# 956
Delta R.T. 0.018 min
Lab File: BP009375.D
Acq: 11 Mar 2022 20:54

Tgt Ion:107 Resp: 508664
Ion Ratio Lower Upper
107 100
108 79.8 69.4 109.4
77 30.0 13.6 53.6
79 21.7 9.3 49.3



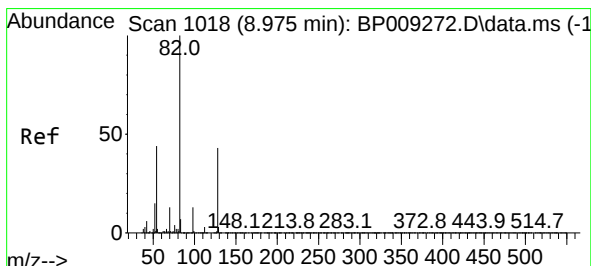
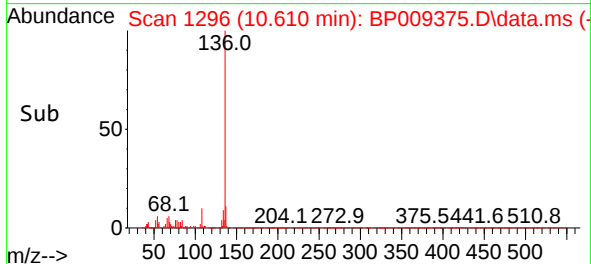
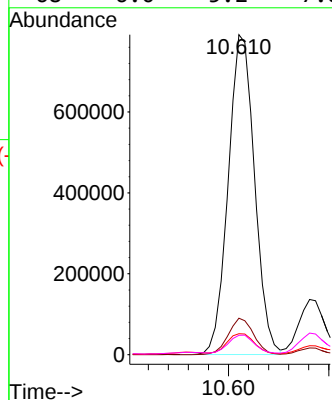
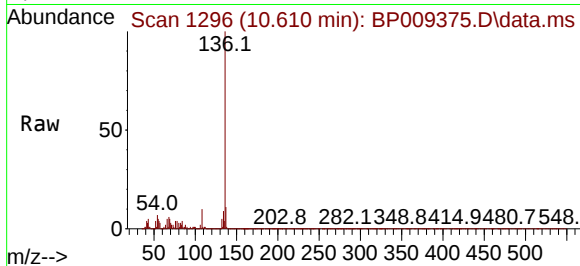


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009375.D
Acq: 11 Mar 2022 20:54

Instrument :
BNA_P
ClientSampleId :
30969

Tgt Ion:136 Resp: 1441162

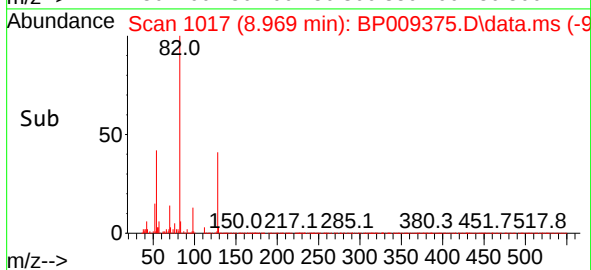
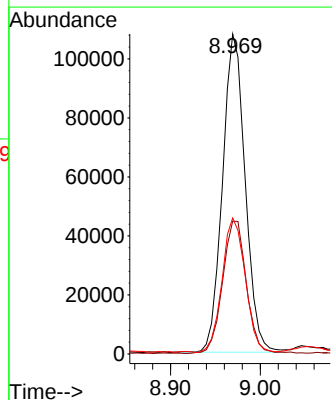
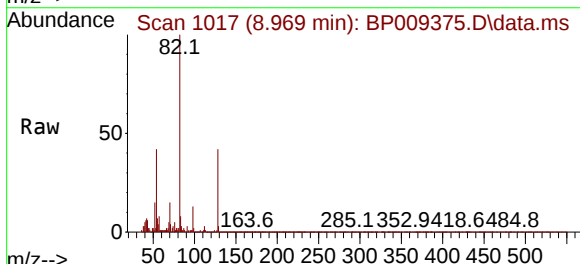
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	6.6	5.8	8.8
68	6.0	5.2	7.8

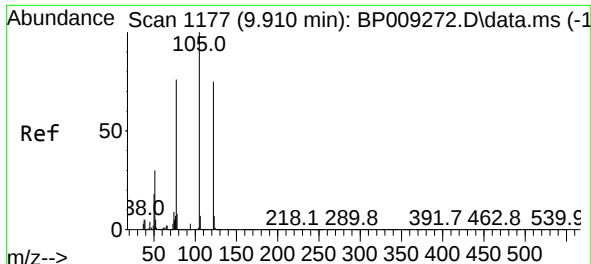


#23
Nitrobenzene-d5
Concen: 7.219 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009375.D
Acq: 11 Mar 2022 20:54

Tgt Ion: 82 Resp: 188889

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.2	51.4
54	42.5	34.7	52.1

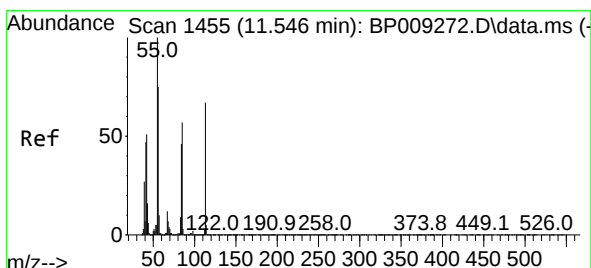
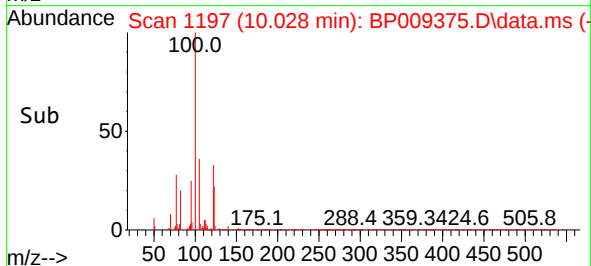
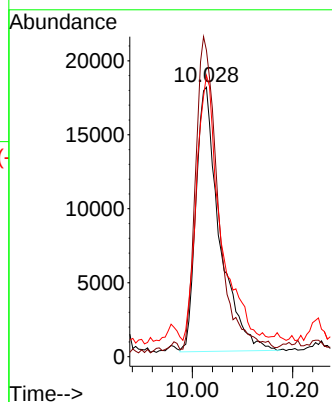
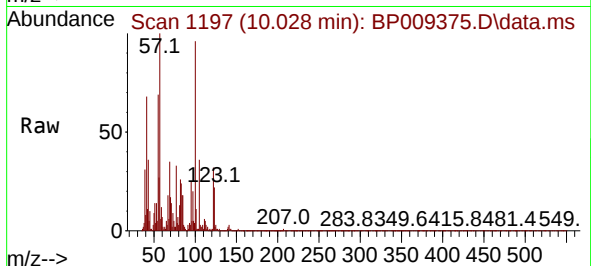




#32
Benzoic acid
Concen: 4.866 ng
RT: 10.028 min Scan# 1197
Delta R.T. 0.118 min
Lab File: BP009375.D
Acq: 11 Mar 2022 20:54

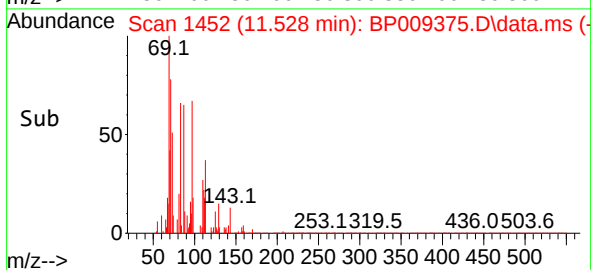
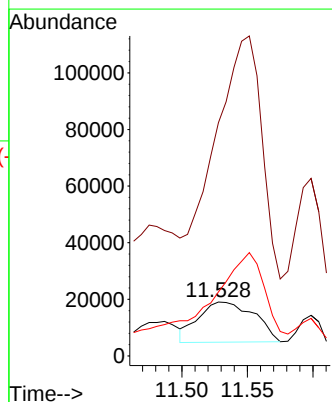
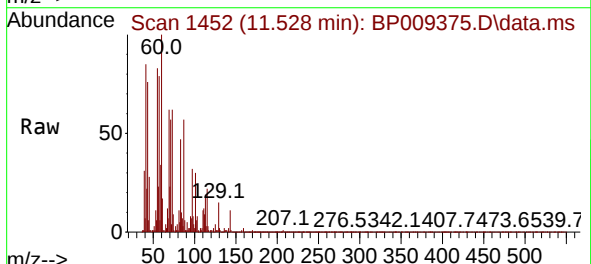
Instrument :
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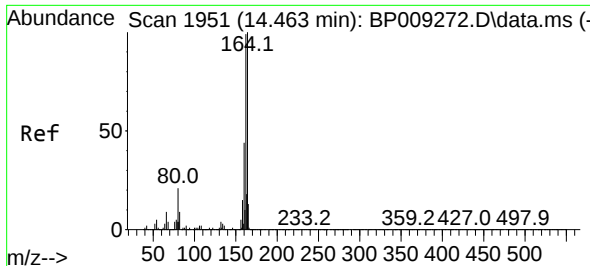
Tgt Ion:122 Resp: 58394
Ion Ratio Lower Upper
122 100
105 113.7 110.5 150.5
77 104.4 79.9 119.9



#35
Caprolactam
Concen: 6.282 ng
RT: 11.528 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BP009375.D
Acq: 11 Mar 2022 20:54

Tgt Ion:113 Resp: 42134
Ion Ratio Lower Upper
113 100
55 432.9 128.4 168.4#
56 118.7 90.9 130.9

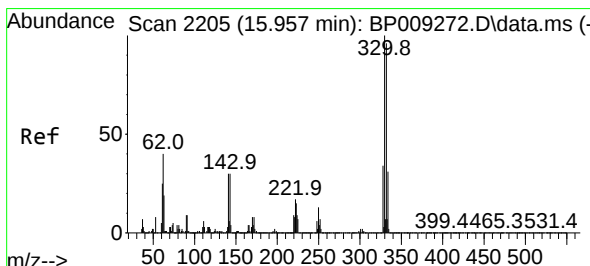
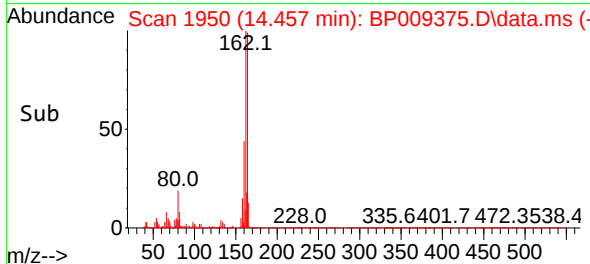
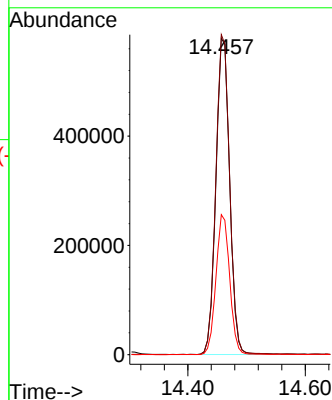
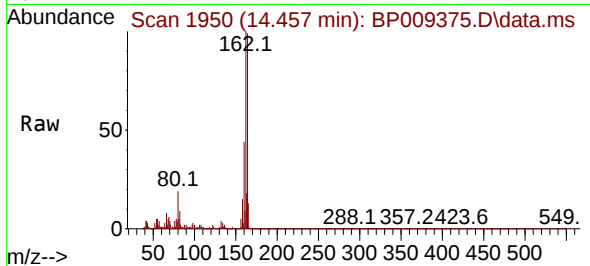




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009375.D
Acq: 11 Mar 2022 20:54

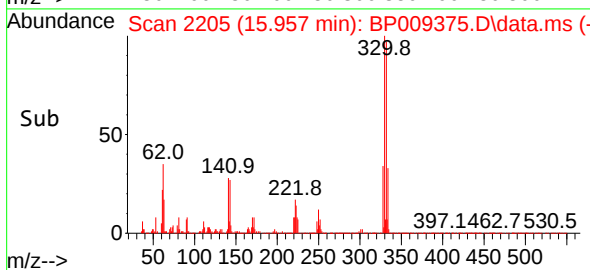
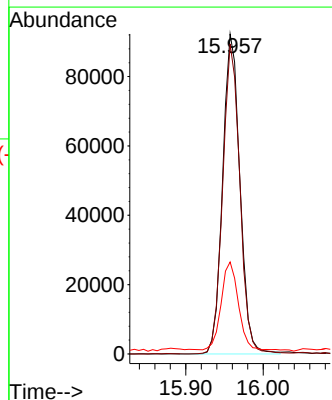
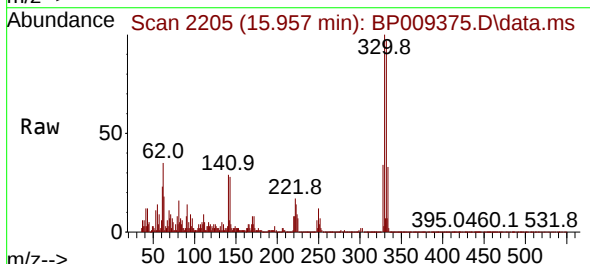
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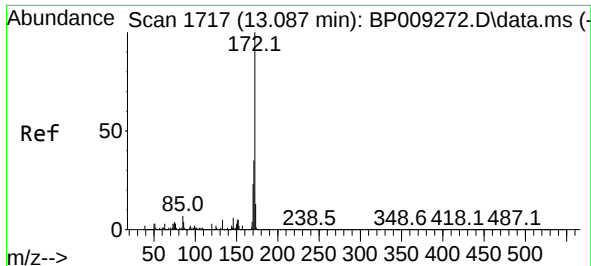
Tgt Ion:164 Resp: 938028
Ion Ratio Lower Upper
164 100
162 101.1 79.1 118.7
160 44.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 12.654 ng
RT: 15.957 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BP009375.D
Acq: 11 Mar 2022 20:54

Tgt Ion:330 Resp: 143334
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 28.8 27.6 41.4

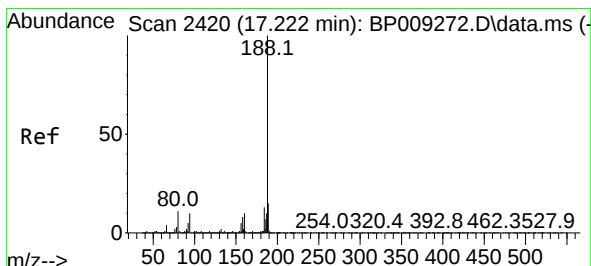
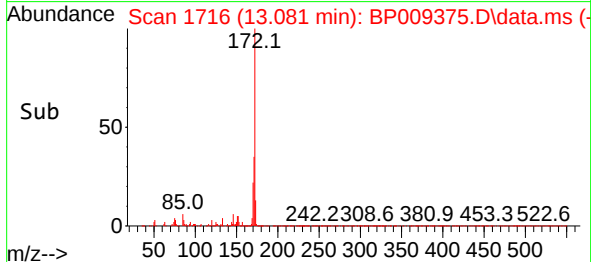
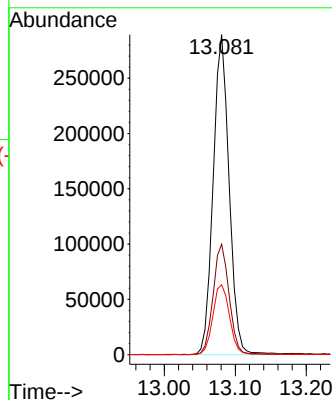
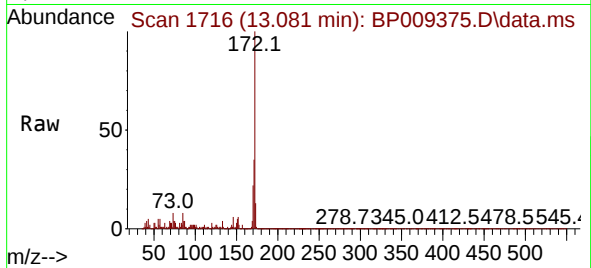




#45
2-Fluorobiphenyl
Concen: 6.595 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009375.D
Acq: 11 Mar 2022 20:54

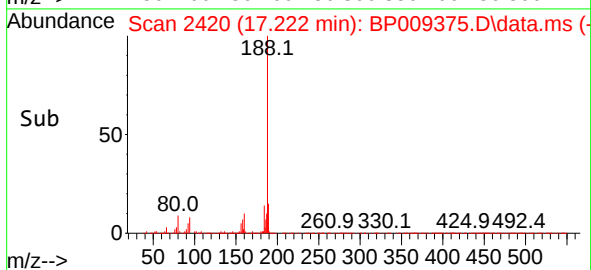
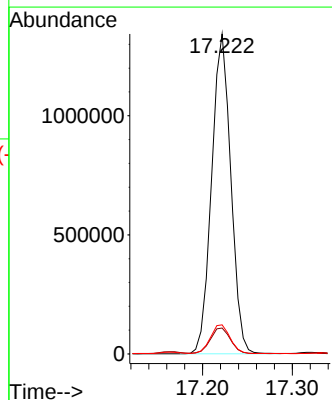
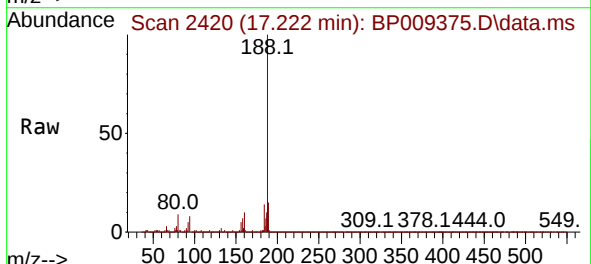
Instrument :
BNA_P
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30969

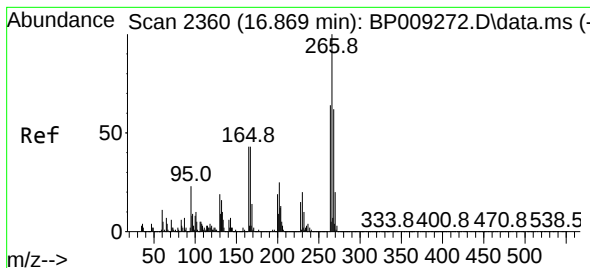
Tgt Ion:172 Resp: 449817
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 21.9 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BP009375.D
Acq: 11 Mar 2022 20:54

Tgt Ion:188 Resp: 1996575
Ion Ratio Lower Upper
188 100
94 8.1 7.9 11.9
80 9.1 8.8 13.2





#70

Pentachlorophenol

Concen: 2.673 ng

RT: 16.881 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP009375.D

Acq: 11 Mar 2022 20:54

Instrument :

BNA_P

ClientSampleId :

30969

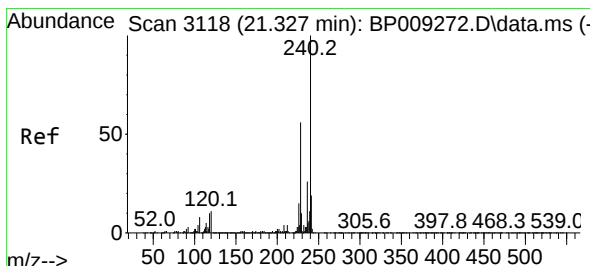
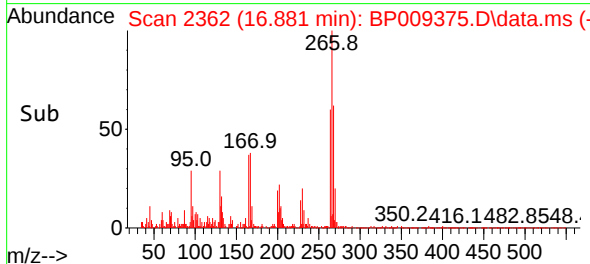
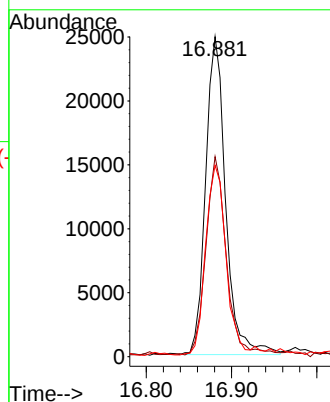
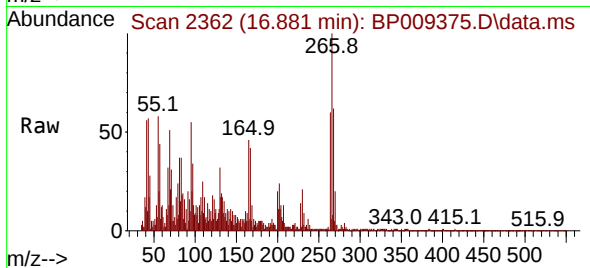
Tgt Ion:266 Resp: 40648

Ion Ratio Lower Upper

266 100

268 62.5 49.8 74.8

264 59.8 50.9 76.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.333 min Scan# 3119

Delta R.T. 0.006 min

Lab File: BP009375.D

Acq: 11 Mar 2022 20:54

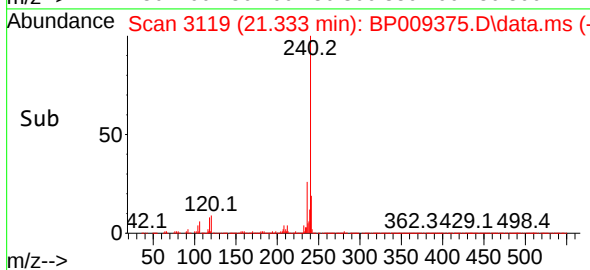
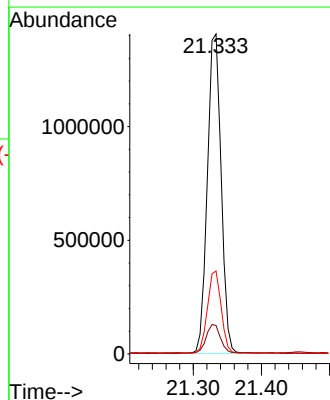
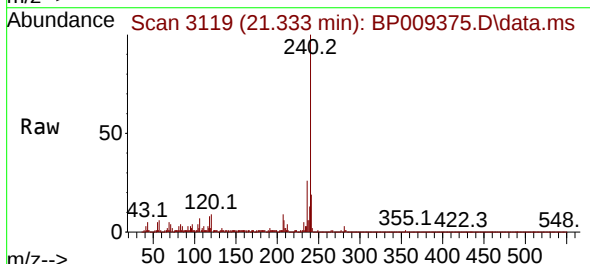
Tgt Ion:240 Resp: 1976144

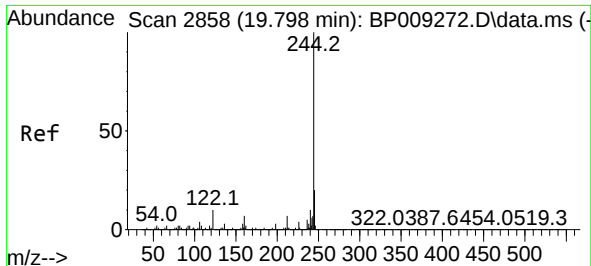
Ion Ratio Lower Upper

240 100

120 8.9 9.0 13.4#

236 25.9 20.6 30.8

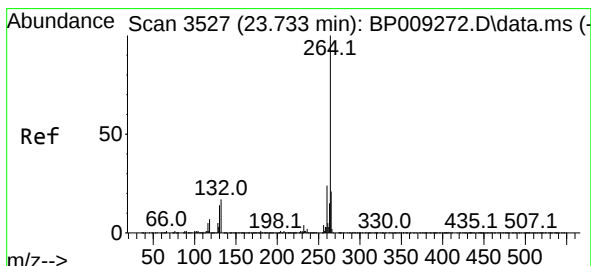
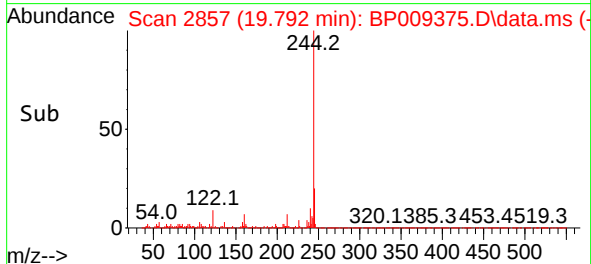
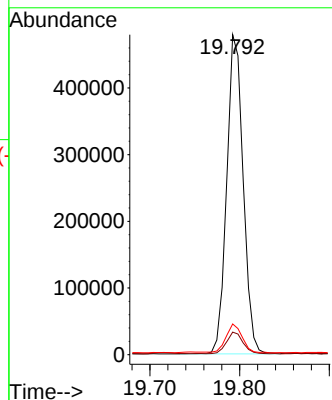
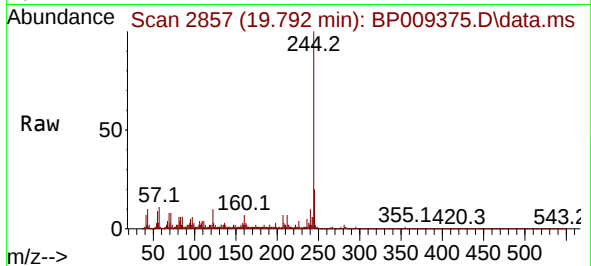




#79
 Terphenyl-d14
 Concen: 5.822 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009375.D
 Acq: 11 Mar 2022 20:54

Instrument :
 BNA_P
 ClientSampleId :
 30969

Tgt Ion:244 Resp: 609664
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 9.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.745 min Scan# 3529
 Delta R.T. 0.012 min
 Lab File: BP009375.D
 Acq: 11 Mar 2022 20:54

Tgt Ion:264 Resp: 2221188
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 22.3 17.2 25.8

