

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019905.D
 Acq On : 27 Feb 2024 19:58
 Operator : MA/JU
 Sample : P1545-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 287

Quant Time: Feb 28 00:59:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

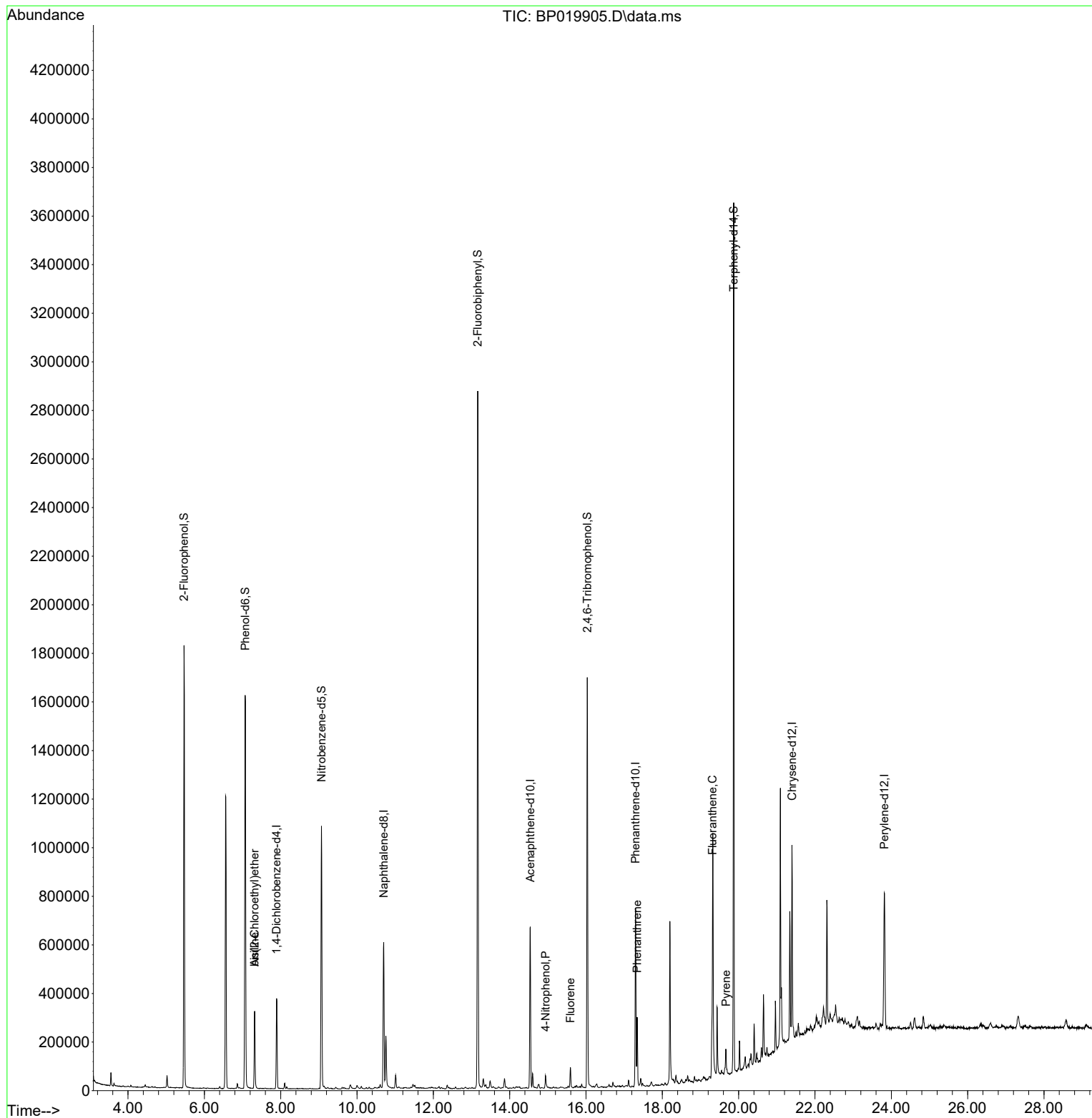
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	100185	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	492755	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	243964	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	452226	20.000	ng	0.00
76) Chrysene-d12	21.398	240	374642	20.000	ng	-0.01
86) Perylene-d12	23.821	264	507430	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	730680	119.710	ng	0.00
7) Phenol-d6	7.069	99	917654	100.979	ng	0.00
23) Nitrobenzene-d5	9.069	82	651357	53.366	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	359965	86.051	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	1458112	80.752	ng	0.00
79) Terphenyl-d14	19.868	244	1735294	73.005	ng	-0.01
Target Compounds						
						Qvalue
6) Aniline	7.316	93	120506	10.810	ng	# 49
11) bis(2-Chloroethyl)ether	7.316	93	120506	16.885	ng	# 26
56) 4-Nitrophenol	14.939	139	13197	3.976	ng	# 1
58) Fluorene	15.592	166	37652	2.062	ng	95
71) Phenanthrene	17.339	178	173122	7.172	ng	97
75) Fluoranthene	19.316	202	104388	3.332	ng	96
78) Pyrene	19.668	202	65431	2.542	ng	99

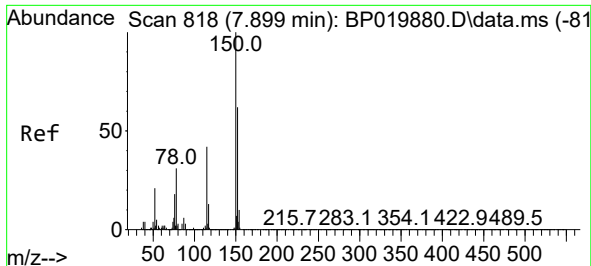
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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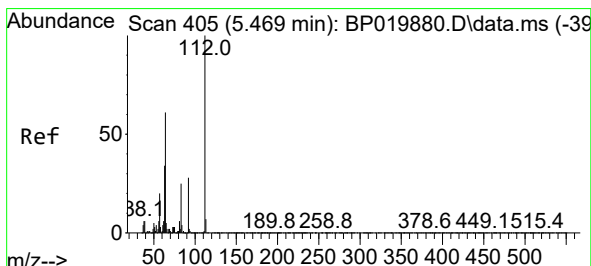
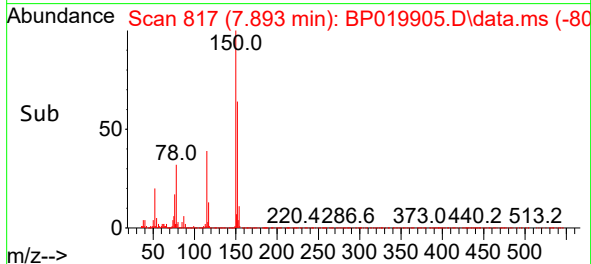
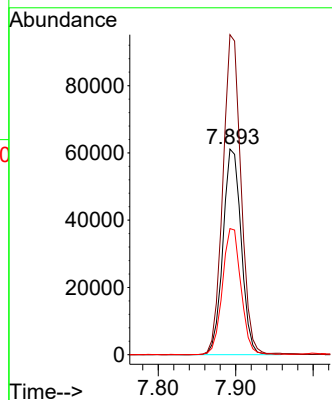
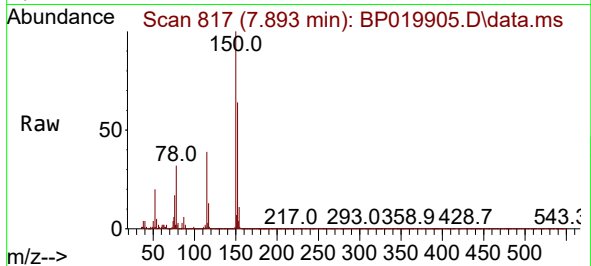




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP019905.D
Acq: 27 Feb 2024 19:58

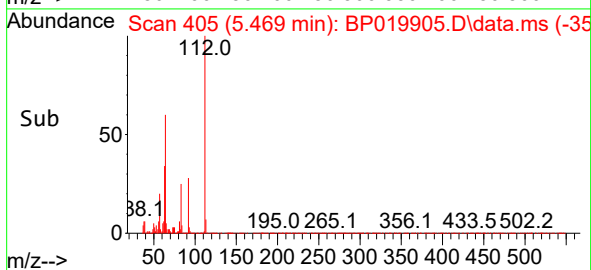
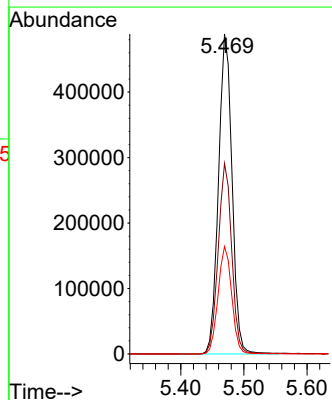
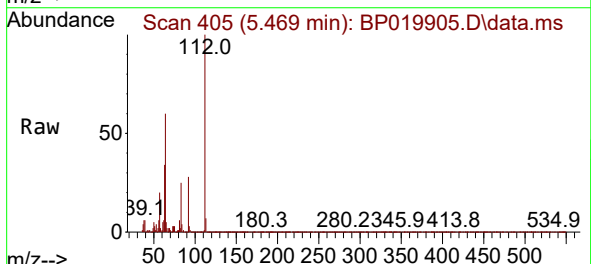
Instrument :
BNA_P
ClientSampleId :
287

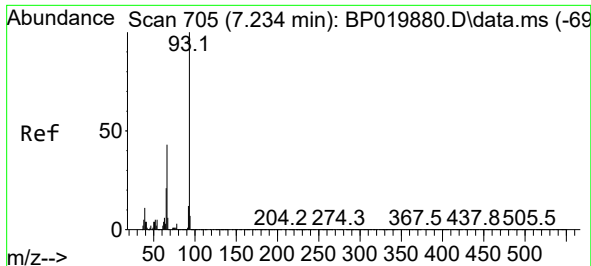
Tgt Ion:152 Resp: 100185
Ion Ratio Lower Upper
152 100
150 155.6 128.6 192.8
115 61.3 53.4 80.2



#5
2-Fluorophenol
Concen: 119.710 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.000 min
Lab File: BP019905.D
Acq: 27 Feb 2024 19:58

Tgt Ion:112 Resp: 730680
Ion Ratio Lower Upper
112 100
64 59.5 49.0 73.6
63 33.6 27.6 41.4

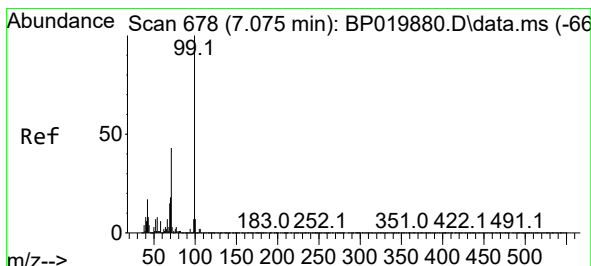
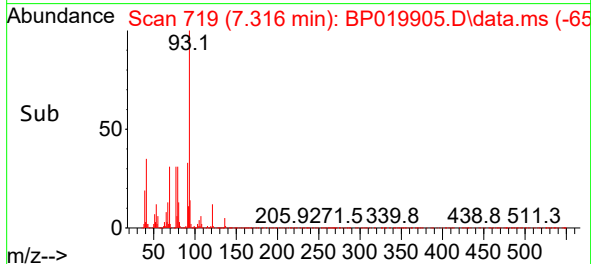
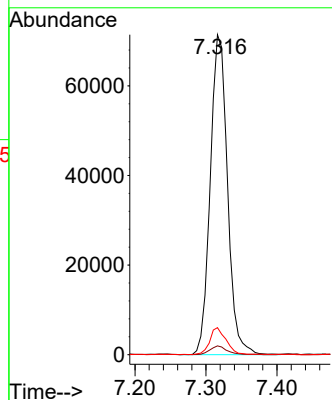
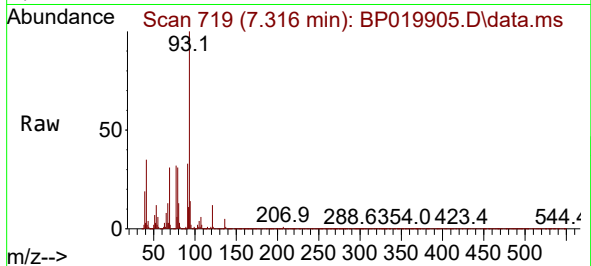




#6
Aniline
Concen: 10.810 ng
RT: 7.316 min Scan# 719
Delta R.T. 0.082 min
Lab File: BP019905.D
Acq: 27 Feb 2024 19:58

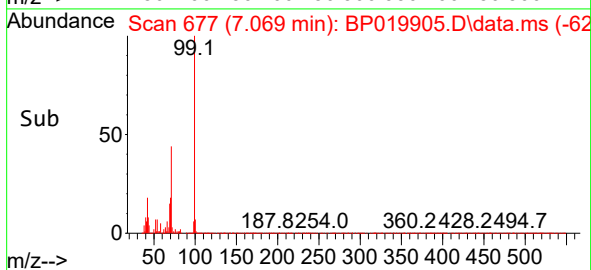
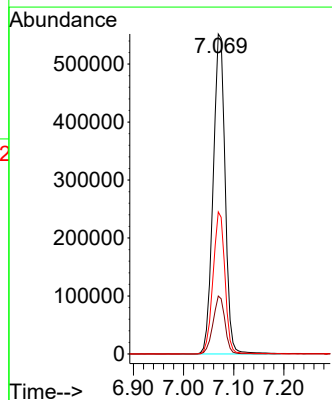
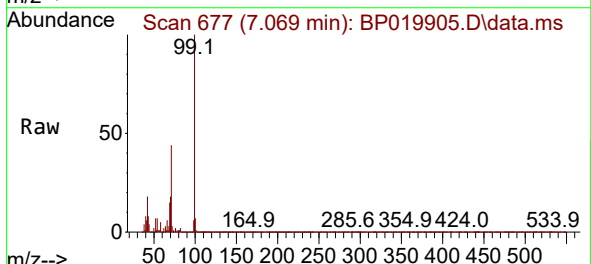
Instrument :
BNA_P
ClientSampleId :
287

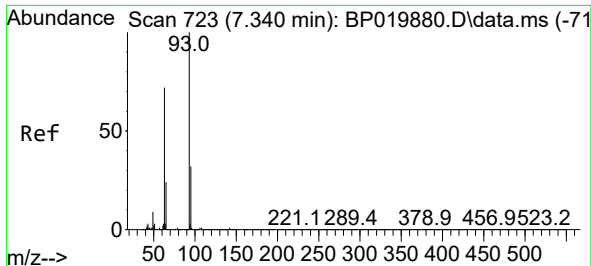
Tgt Ion: 93 Resp: 120506
Ion Ratio Lower Upper
93 100
66 2.8 34.5 51.7#
65 8.4 16.5 24.7#



#7
Phenol-d6
Concen: 100.979 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.006 min
Lab File: BP019905.D
Acq: 27 Feb 2024 19:58

Tgt Ion: 99 Resp: 917654
Ion Ratio Lower Upper
99 100
42 18.1 13.8 20.8
71 44.4 34.5 51.7

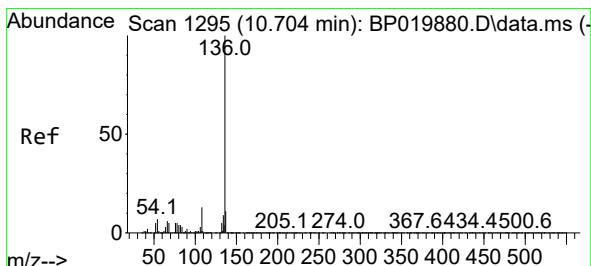
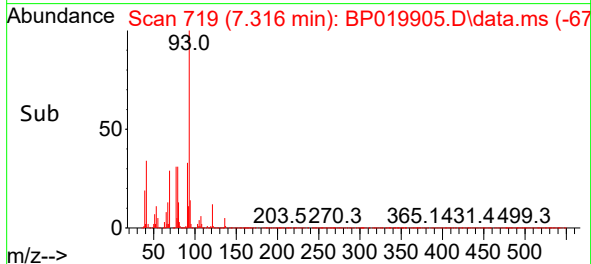
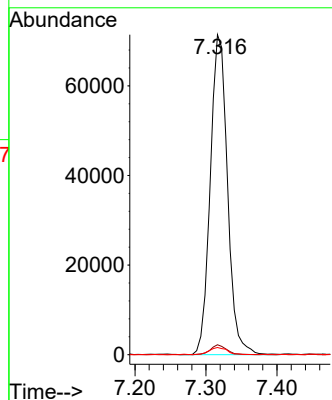
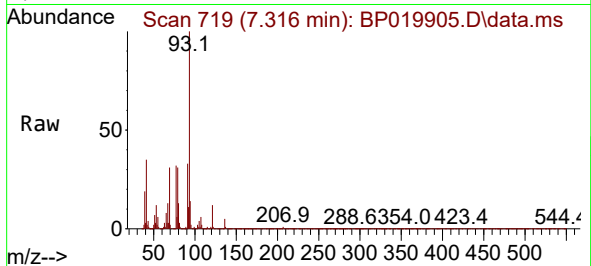




#11
bis(2-Chloroethyl)ether
Concen: 16.885 ng
RT: 7.316 min Scan# 71
Delta R.T. -0.024 min
Lab File: BP019905.D
Acq: 27 Feb 2024 19:58

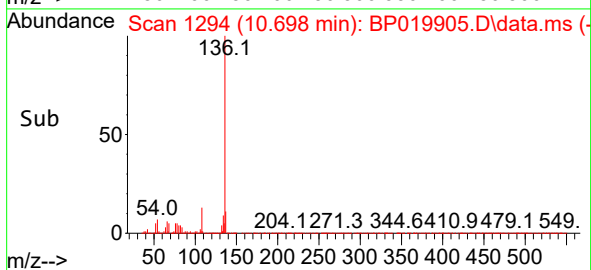
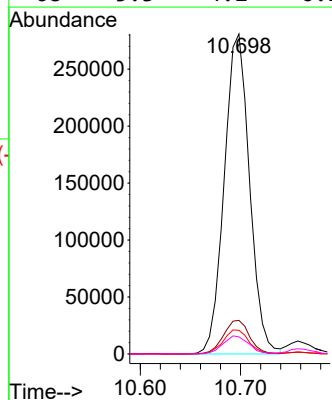
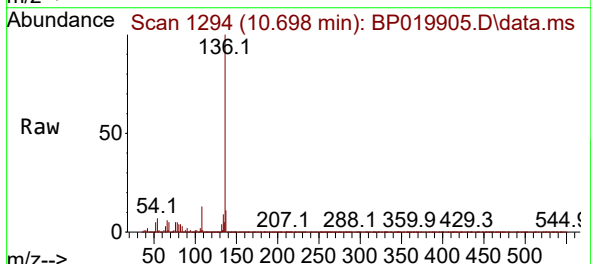
Instrument :
BNA_P
ClientSampleId :
287

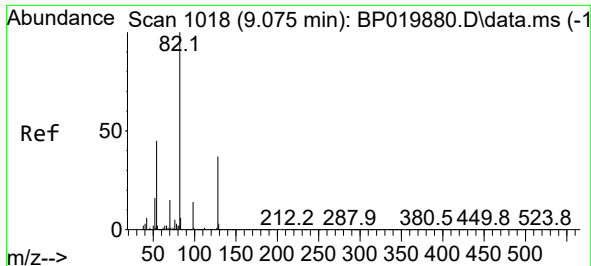
Tgt Ion: 93 Resp: 120506
Ion Ratio Lower Upper
93 100
63 3.1 52.0 92.0#
95 2.3 11.6 51.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019905.D
Acq: 27 Feb 2024 19:58

Tgt Ion:136 Resp: 492755
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 7.4 6.0 9.0
68 5.3 4.2 6.2

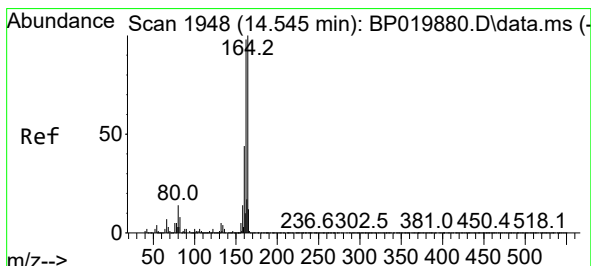
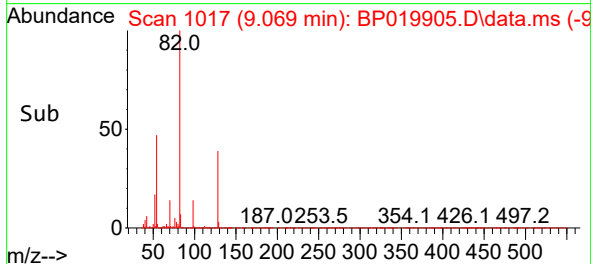
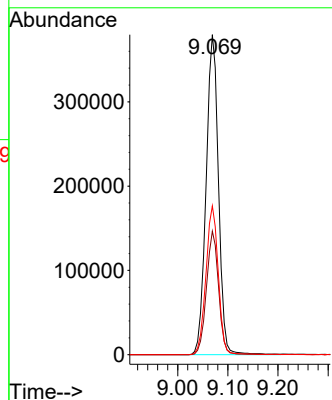
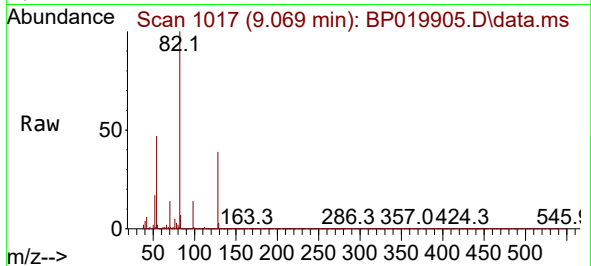




#23
Nitrobenzene-d5
Concen: 53.366 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP019905.D
Acq: 27 Feb 2024 19:58

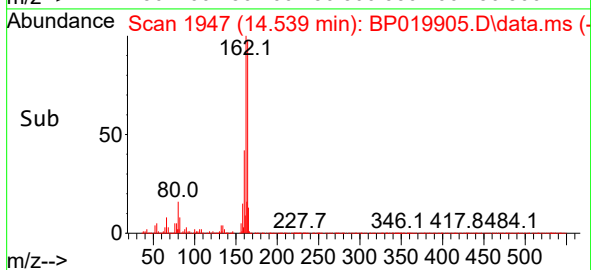
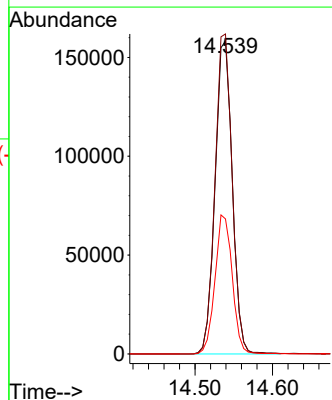
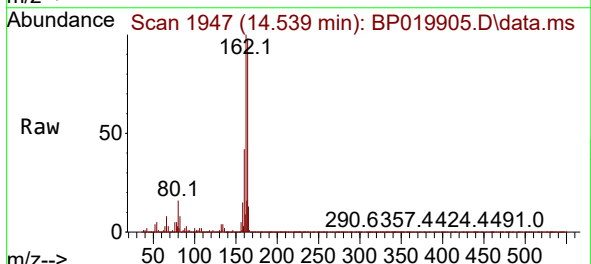
Instrument :
BNA_P
ClientSampleId :
287

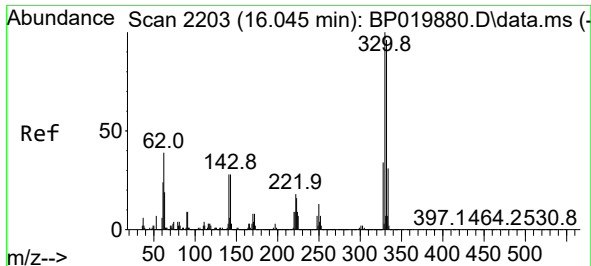
Tgt Ion: 82 Resp: 651357
Ion Ratio Lower Upper
82 100
128 38.6 29.6 44.4
54 46.5 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019905.D
Acq: 27 Feb 2024 19:58

Tgt Ion: 164 Resp: 243964
Ion Ratio Lower Upper
164 100
162 102.2 78.1 117.1
160 43.1 35.3 52.9

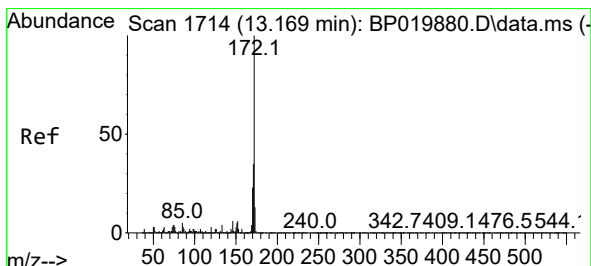
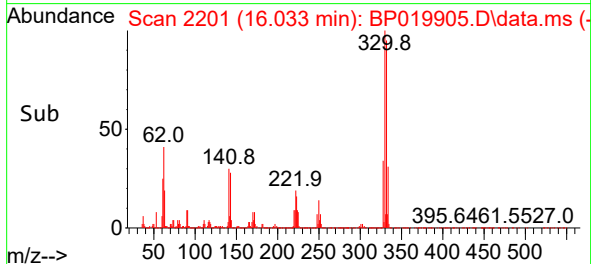
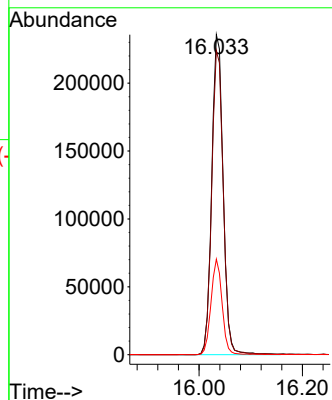
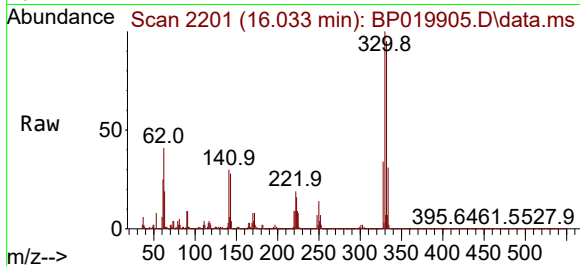




#42
2,4,6-Tribromophenol
Concen: 86.051 ng
RT: 16.033 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019905.D
Acq: 27 Feb 2024 19:58

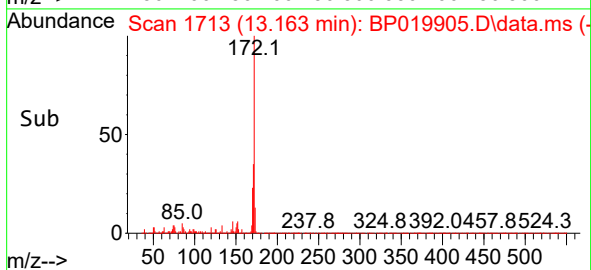
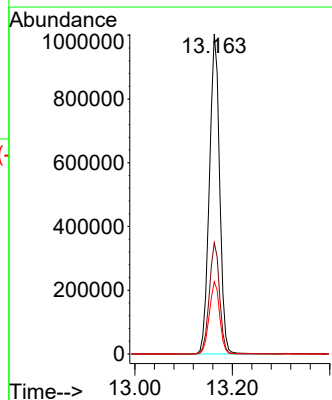
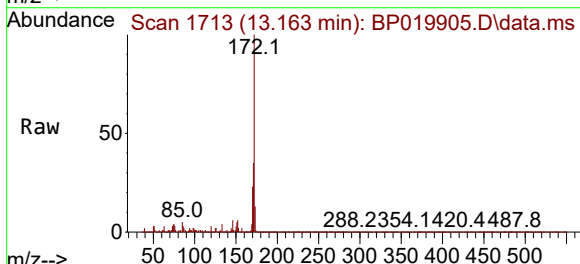
Instrument :
BNA_P
ClientSampleId :
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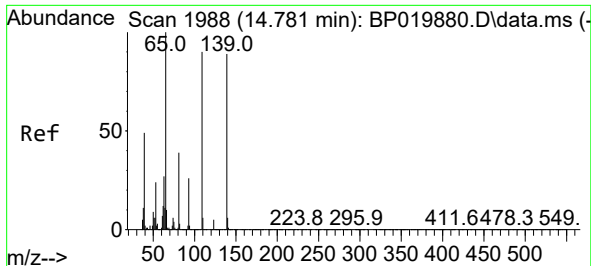
Tgt Ion:330 Resp: 359965
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 29.1 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 80.752 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP019905.D
Acq: 27 Feb 2024 19:58

Tgt Ion:172 Resp: 1458112
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 22.6 18.4 27.6

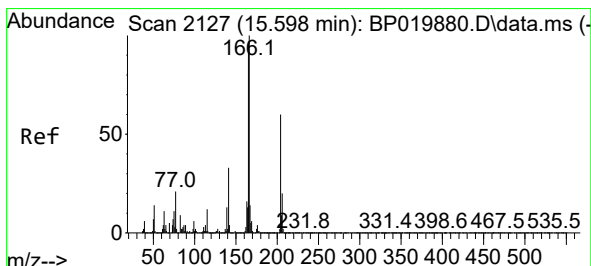
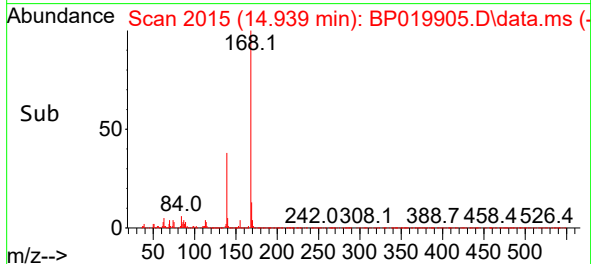
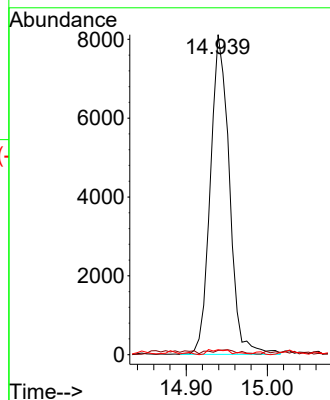
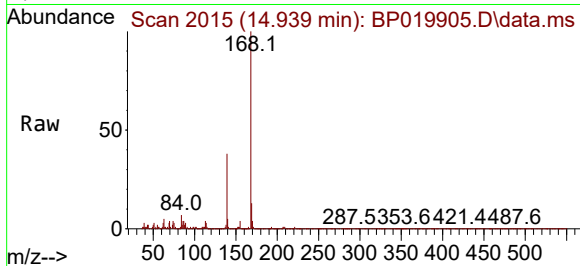




#56
4-Nitrophenol
Concen: 3.976 ng
RT: 14.939 min Scan# 2015
Delta R.T. 0.159 min
Lab File: BP019905.D
Acq: 27 Feb 2024 19:58

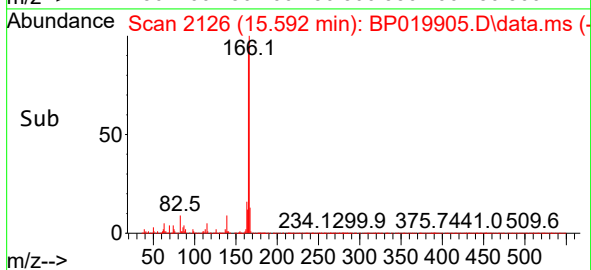
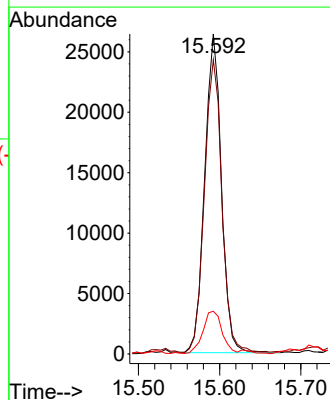
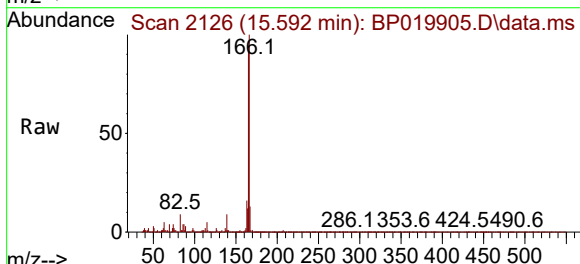
Instrument :
BNA_P
ClientSampleId :
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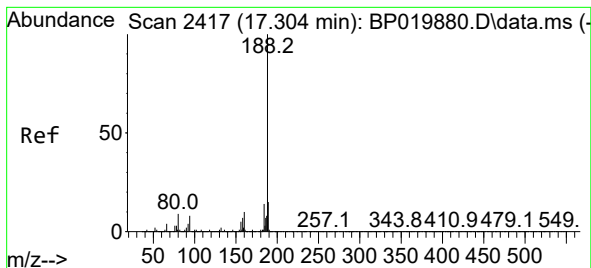
Tgt Ion:	139	Resp:	13197
Ion	Ratio	Lower	Upper
139	100		
109	1.3	81.3	121.3#
65	1.7	93.5	133.5#



#58
Fluorene
Concen: 2.062 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019905.D
Acq: 27 Feb 2024 19:58

Tgt Ion:	166	Resp:	37652
Ion	Ratio	Lower	Upper
166	100		
165	91.9	77.8	116.6
167	13.3	10.8	16.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019905.D

Acq: 27 Feb 2024 19:58

Instrument :

BNA_P

ClientSampleId :

287

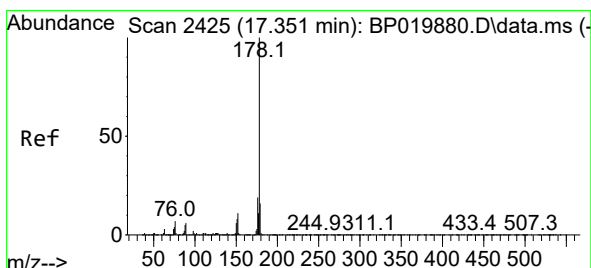
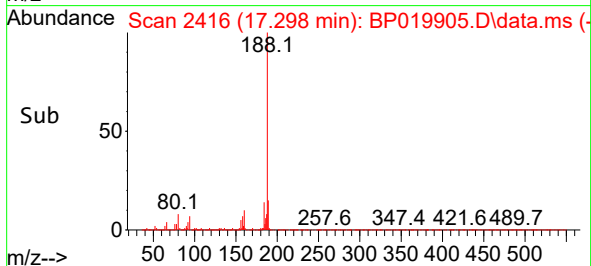
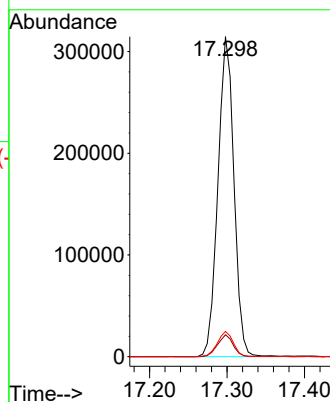
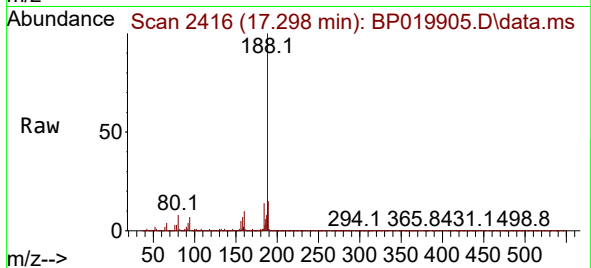
Tgt Ion:188 Resp: 452226

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

80 7.9 7.0 10.4



#71

Phenanthrene

Concen: 7.172 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BP019905.D

Acq: 27 Feb 2024 19:58

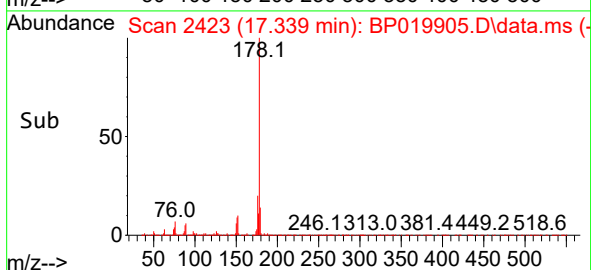
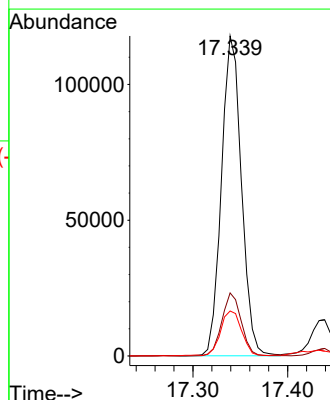
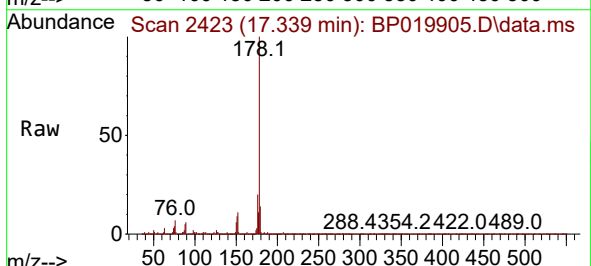
Tgt Ion:178 Resp: 173122

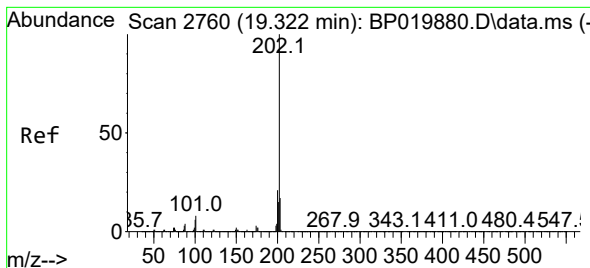
Ion Ratio Lower Upper

178 100

176 19.7 15.2 22.8

179 14.0 12.5 18.7





#75

Fluoranthene

Concen: 3.332 ng

RT: 19.316 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019905.D

Acq: 27 Feb 2024 19:58

Instrument :

BNA_P

ClientSampleId :

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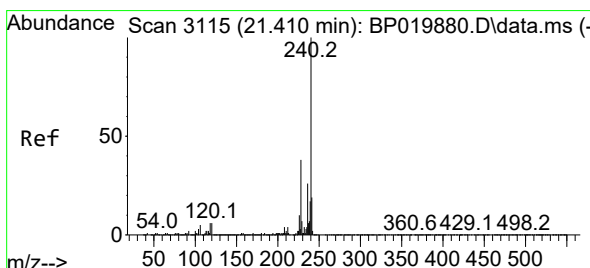
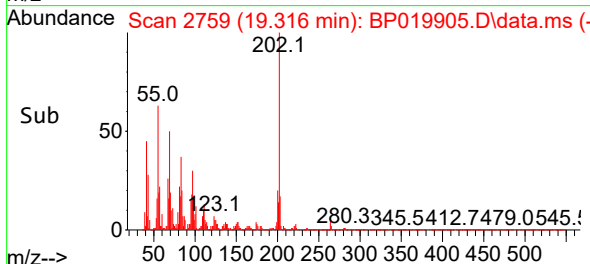
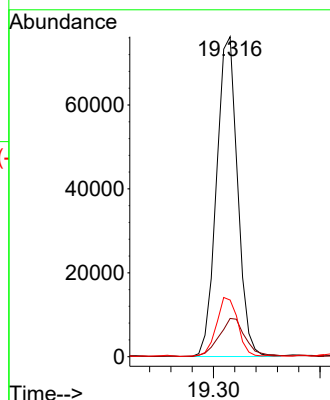
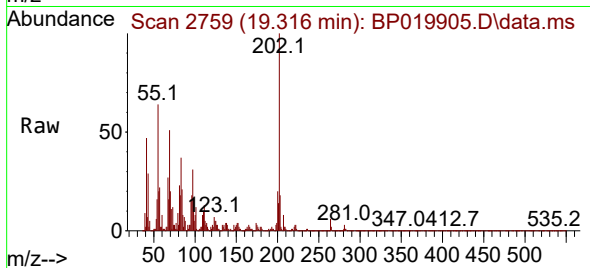
Tgt Ion:202 Resp: 104388

Ion Ratio Lower Upper

202 100

101 12.0 0.0 27.7

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BP019905.D

Acq: 27 Feb 2024 19:58

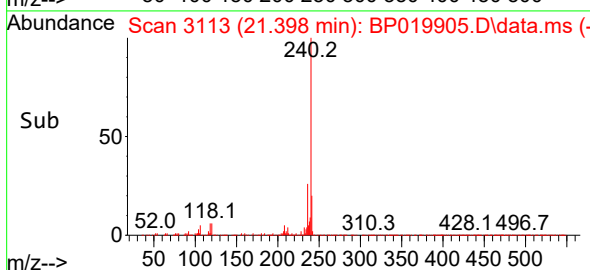
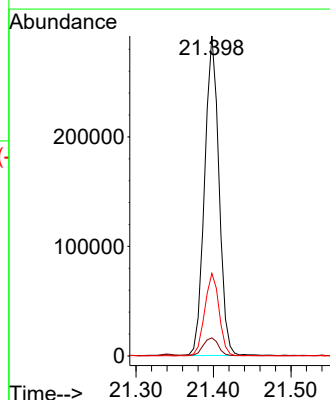
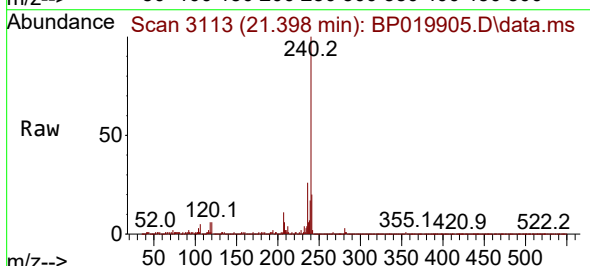
Tgt Ion:240 Resp: 374642

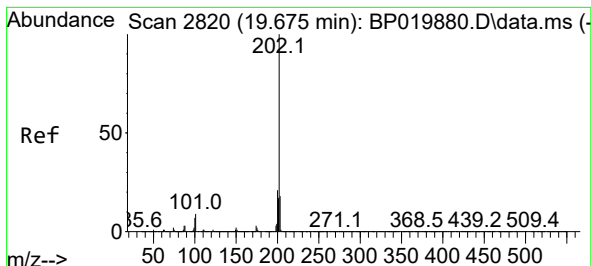
Ion Ratio Lower Upper

240 100

120 5.6 5.1 7.7

236 25.8 20.5 30.7





#78

Pyrene

Concen: 2.542 ng

RT: 19.668 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BP019905.D

Acq: 27 Feb 2024 19:58

Instrument :

BNA_P

ClientSampleId :

287

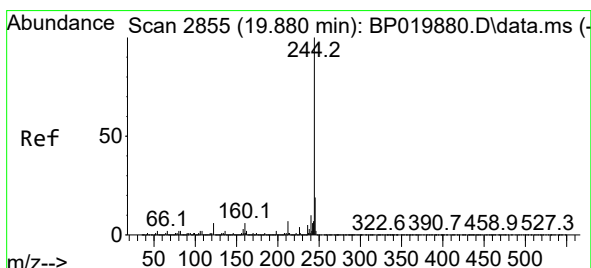
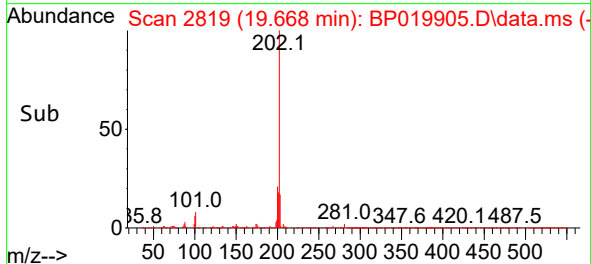
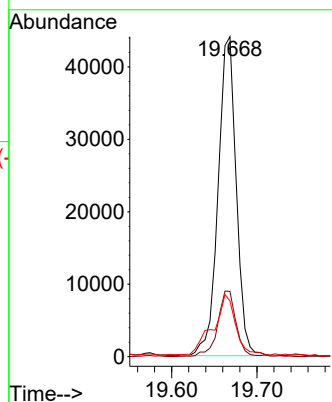
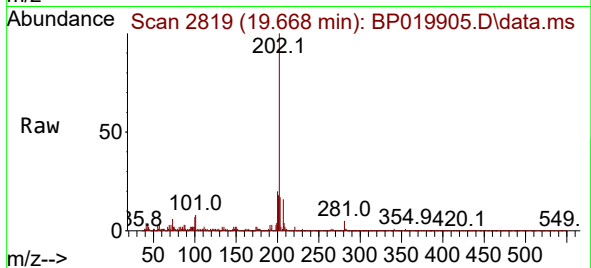
Tgt Ion:202 Resp: 65431

Ion Ratio Lower Upper

202 100

200 20.4 16.7 25.1

203 17.4 14.2 21.2



#79

Terphenyl-d14

Concen: 73.005 ng

RT: 19.868 min Scan# 2853

Delta R.T. -0.012 min

Lab File: BP019905.D

Acq: 27 Feb 2024 19:58

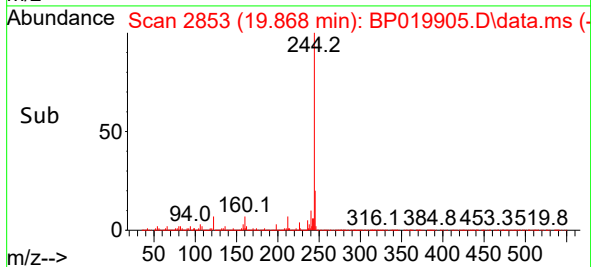
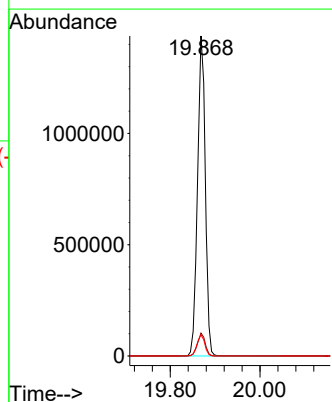
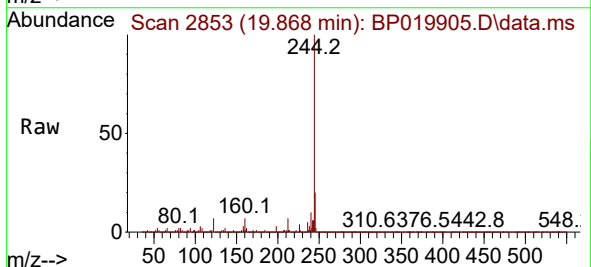
Tgt Ion:244 Resp: 1735294

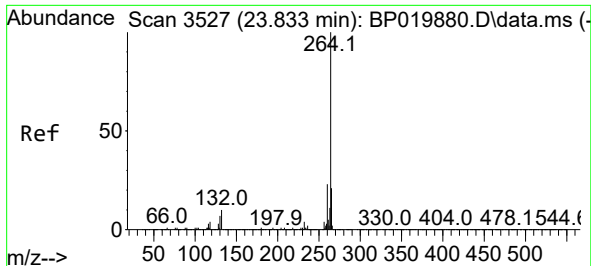
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 6.6 5.0 7.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.821 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP019905.D
Acq: 27 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
287

Tgt Ion:264 Resp: 507430
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.1 17.4 26.2

