

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013024\
 Data File : BP019490.D
 Acq On : 30 Jan 2024 19:51
 Operator : MA/JU
 Sample : PB158676BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158676BL

Quant Time: Jan 31 02:12:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:55:36 2024
 Response via : Initial Calibration

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

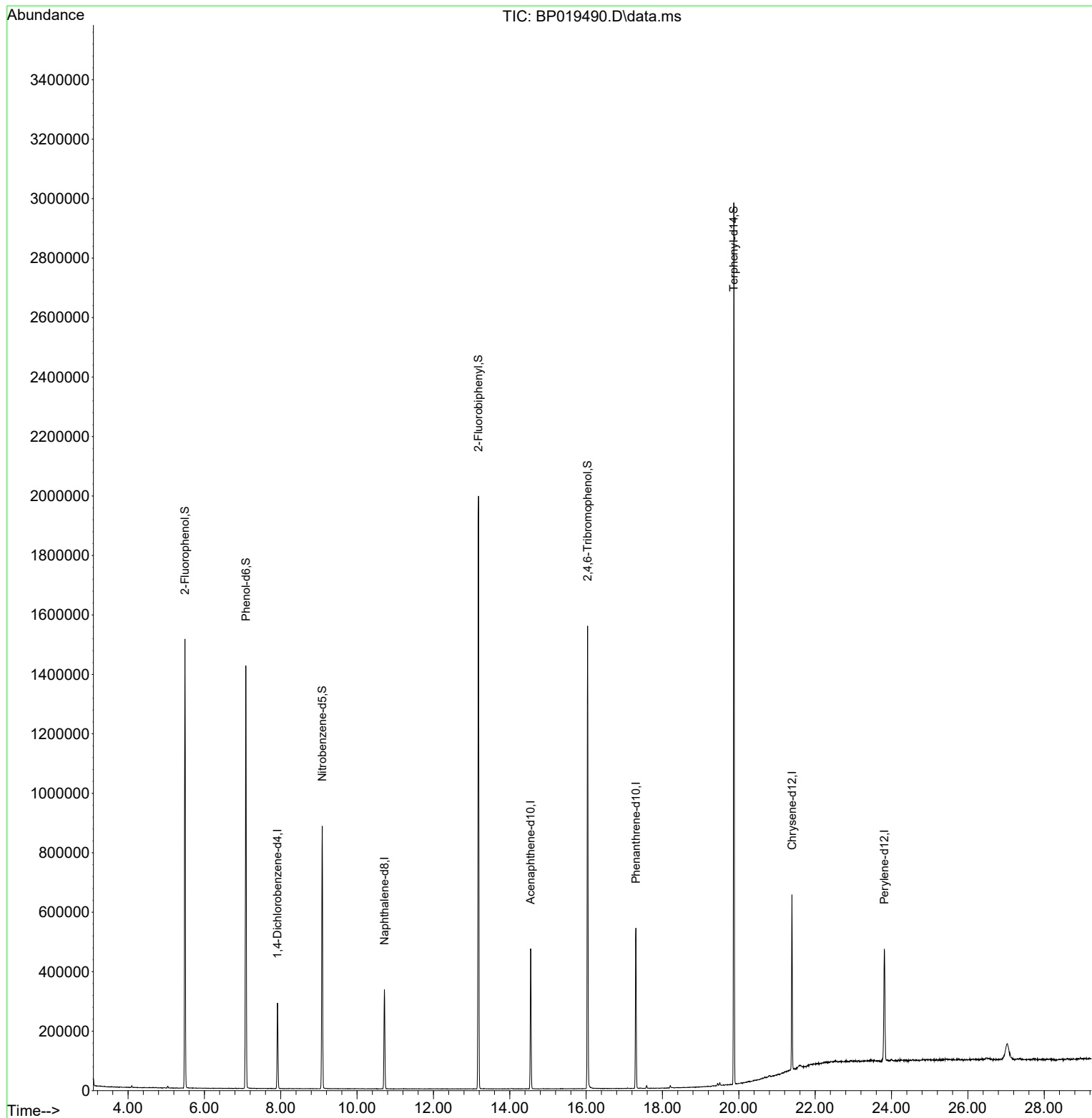
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	68273	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	250408	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	155113	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	319714	20.000	ng	0.00
76) Chrysene-d12	21.392	240	265071	20.000	ng	0.00
86) Perylene-d12	23.810	264	303080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	534777	119.285	ng	0.00
7) Phenol-d6	7.087	99	682362	110.933	ng	0.00
23) Nitrobenzene-d5	9.087	82	483911	78.008	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	245854	113.970	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	971365	79.146	ng	0.00
79) Terphenyl-d14	19.869	244	1364773	81.521	ng	0.00
Target Compounds						
9) Benzaldehyde	7.087	77	1579	Below Cal	Qvalue #	12

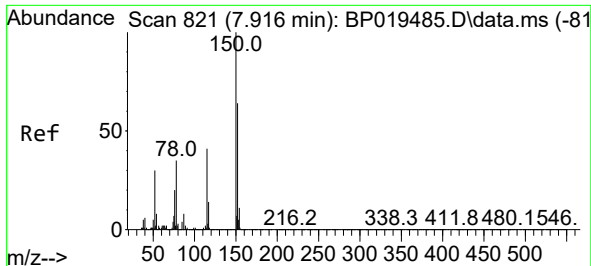
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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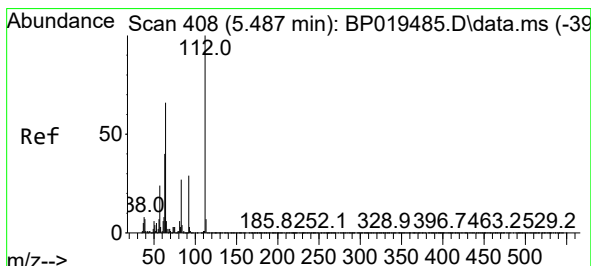
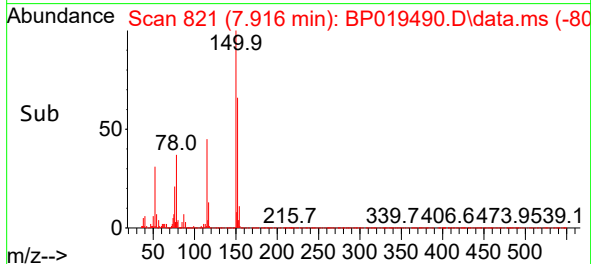
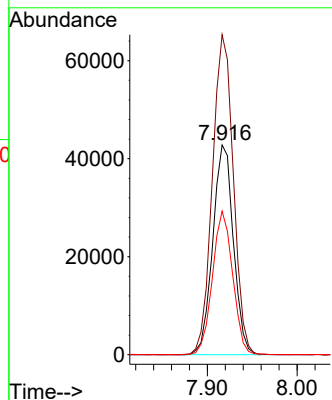
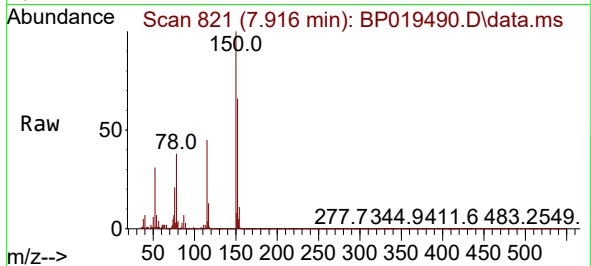




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP019490.D
Acq: 30 Jan 2024 19:51

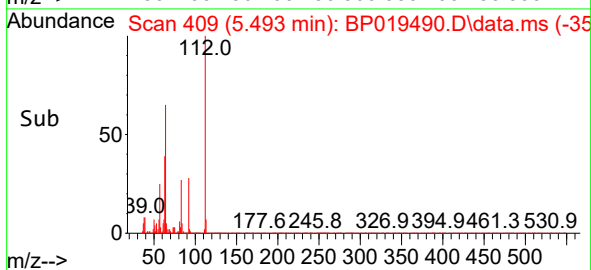
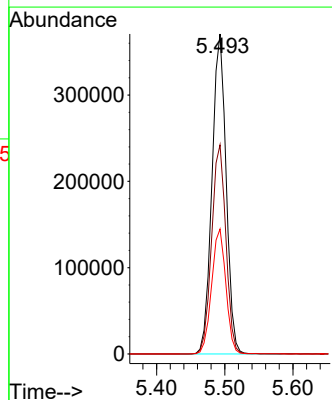
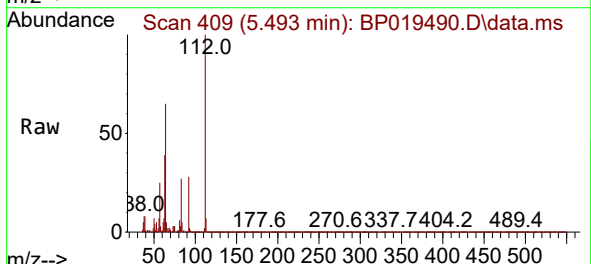
Instrument :
BNA_P
ClientSampleId :
PB158676BL

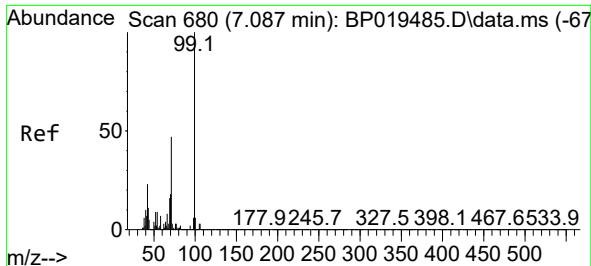
Tgt Ion:152 Resp: 68273
Ion Ratio Lower Upper
152 100
150 152.5 124.2 186.2
115 68.4 51.0 76.6



#5
2-Fluorophenol
Concen: 119.285 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP019490.D
Acq: 30 Jan 2024 19:51

Tgt Ion:112 Resp: 534777
Ion Ratio Lower Upper
112 100
64 65.3 52.8 79.2
63 39.0 31.7 47.5

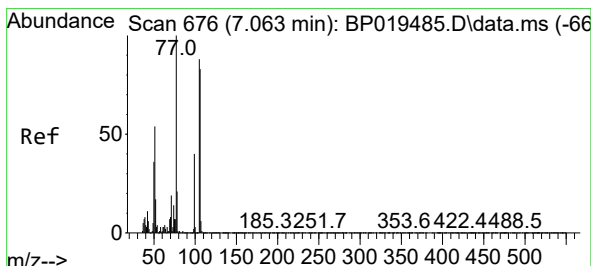
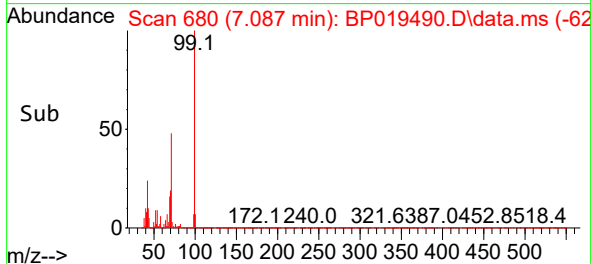
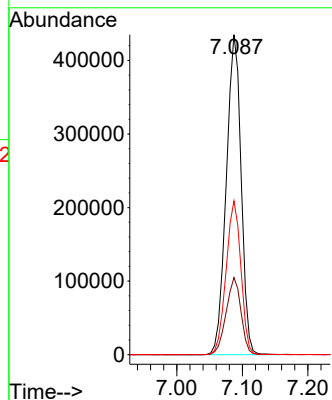
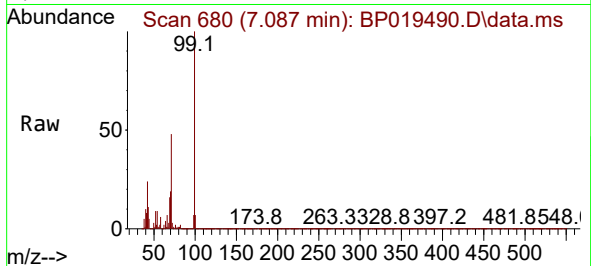




#7
Phenol-d6
Concen: 110.933 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.000 min
Lab File: BP019490.D
Acq: 30 Jan 2024 19:51

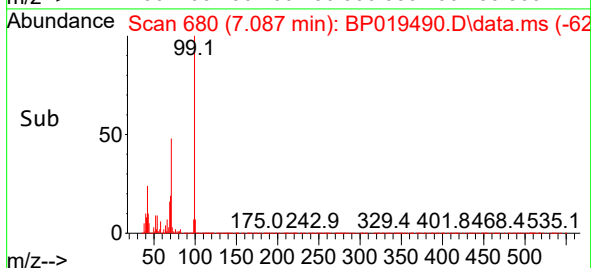
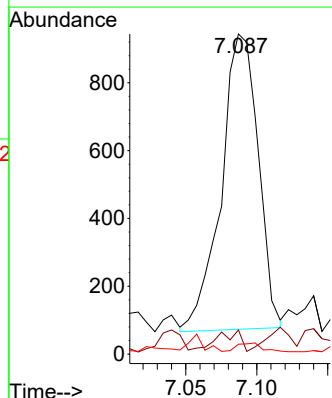
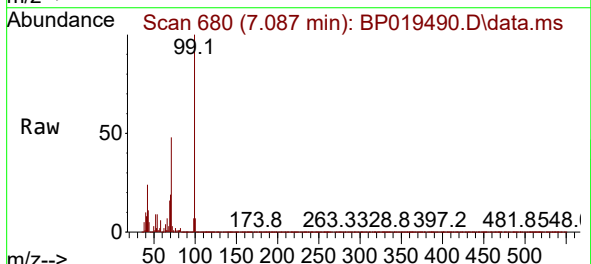
Instrument :
BNA_P
ClientSampleId :
PB158676BL

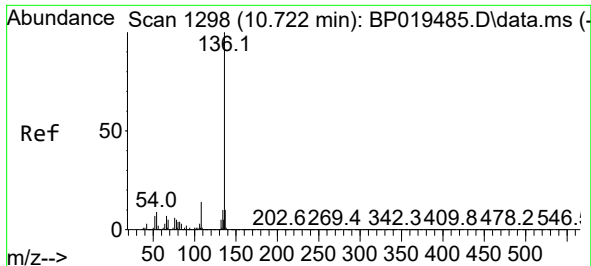
Tgt Ion: 99 Resp: 682362
Ion Ratio Lower Upper
99 100
42 24.1 18.5 27.7
71 48.1 37.3 55.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.087 min Scan# 680
Delta R.T. 0.024 min
Lab File: BP019490.D
Acq: 30 Jan 2024 19:51

Tgt Ion: 77 Resp: 1579
Ion Ratio Lower Upper
77 100
105 7.5 67.6 107.6#
106 3.1 63.4 103.4#

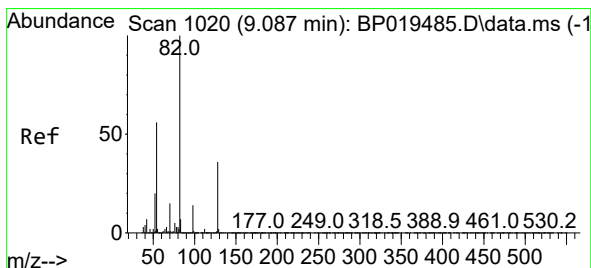
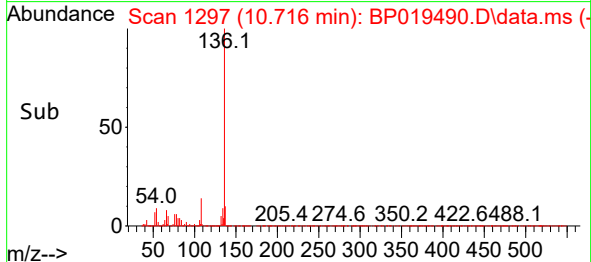
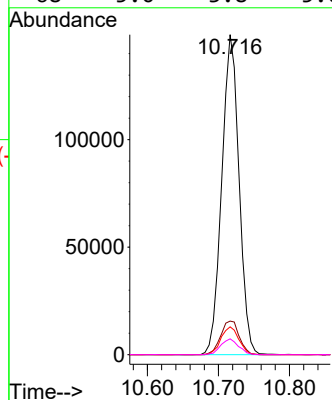
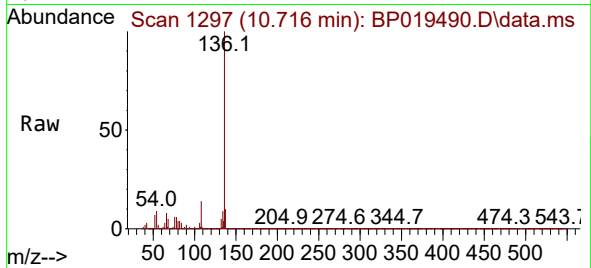




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019490.D
Acq: 30 Jan 2024 19:51

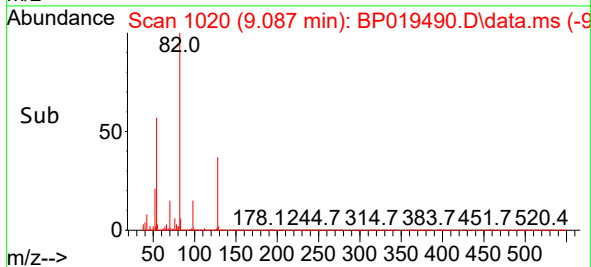
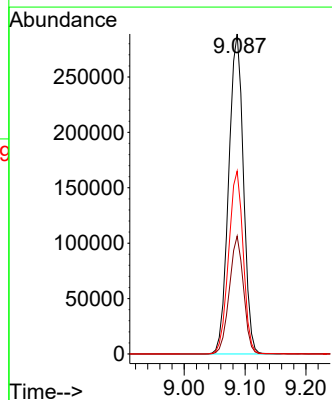
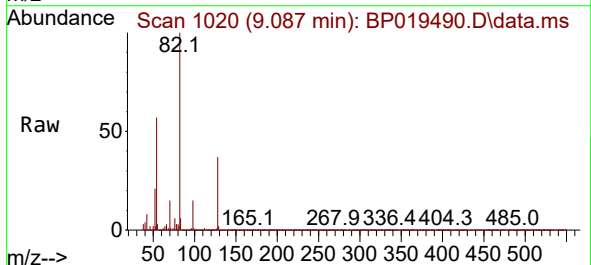
Instrument :
BNA_P
ClientSampleId :
PB158676BL

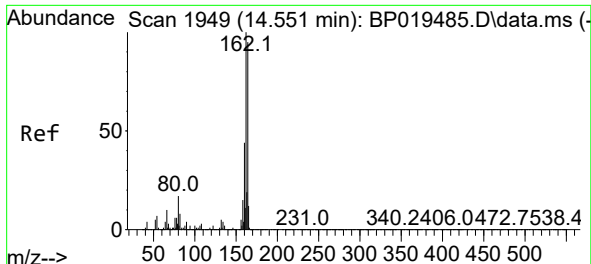
Tgt Ion:	136	Resp:	250408
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.3	12.5
54	8.7	7.4	11.2
68	5.0	3.8	5.6



#23
Nitrobenzene-d5
Concen: 78.008 ng
RT: 9.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP019490.D
Acq: 30 Jan 2024 19:51

Tgt Ion:	82	Resp:	483911
Ion	Ratio	Lower	Upper
82	100		
128	36.8	28.4	42.6
54	57.1	44.8	67.2

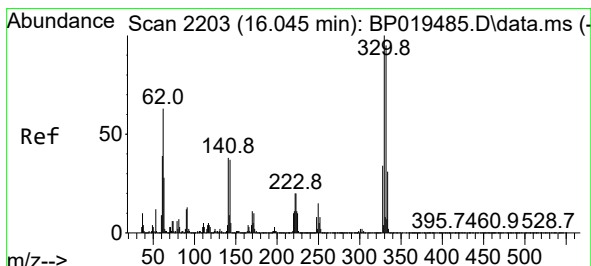
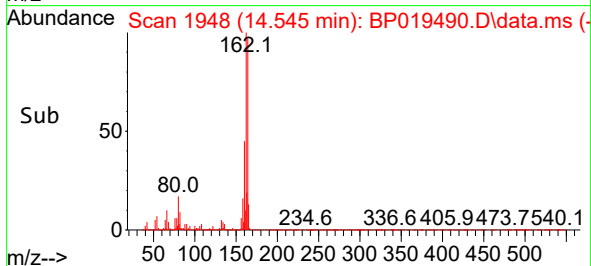
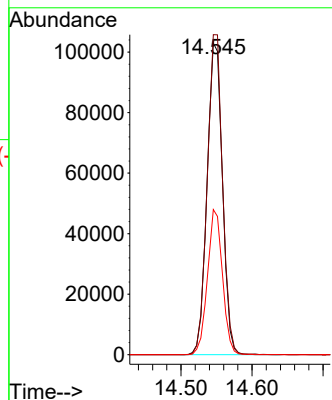
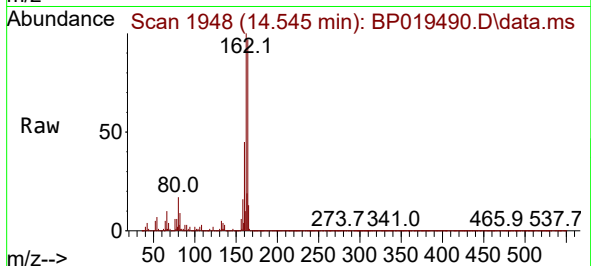




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP019490.D
Acq: 30 Jan 2024 19:51

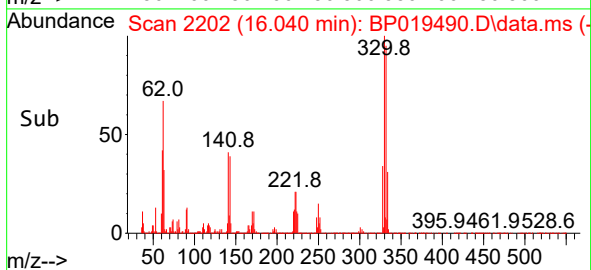
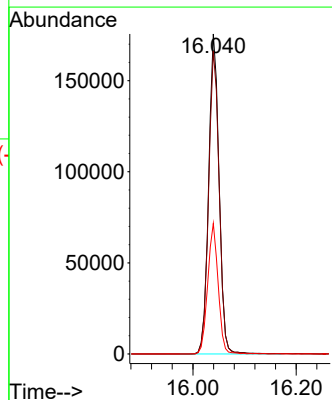
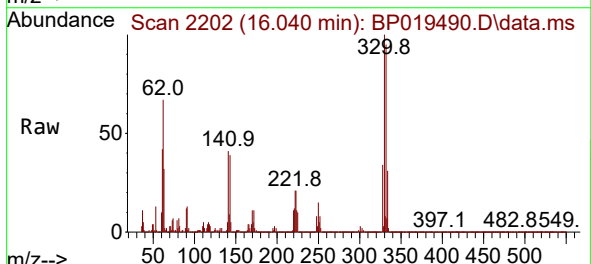
Instrument :
BNA_P
ClientSampleId :
PB158676BL

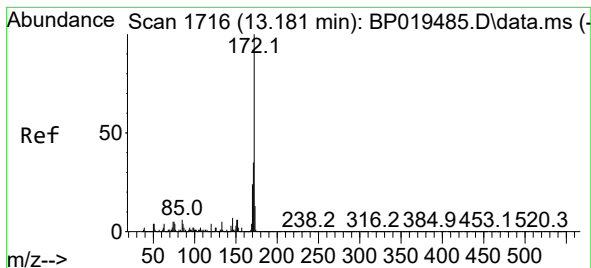
Tgt Ion:164 Resp: 155113
Ion Ratio Lower Upper
164 100
162 102.7 84.2 126.4
160 46.6 36.9 55.3



#42
2,4,6-Tribromophenol
Concen: 113.970 ng
RT: 16.040 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP019490.D
Acq: 30 Jan 2024 19:51

Tgt Ion:330 Resp: 245854
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 40.8 33.1 49.7





#45

2-Fluorobiphenyl

Concen: 79.146 ng

RT: 13.181 min Scan# 1716

Delta R.T. 0.000 min

Lab File: BP019490.D

Acq: 30 Jan 2024 19:51

Instrument :

BNA_P

ClientSampleId :

PB158676BL

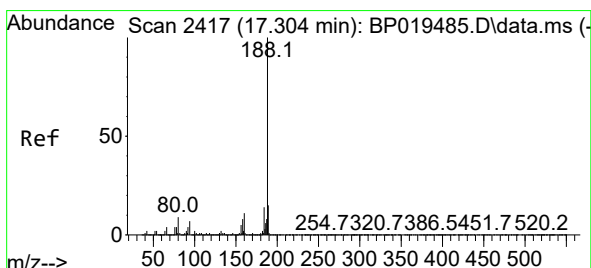
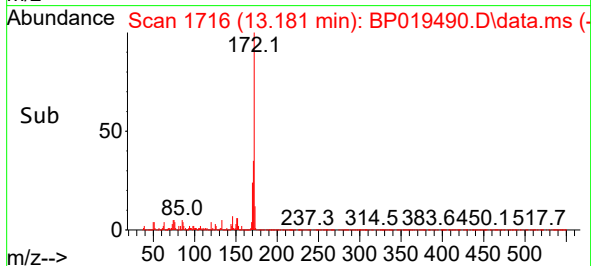
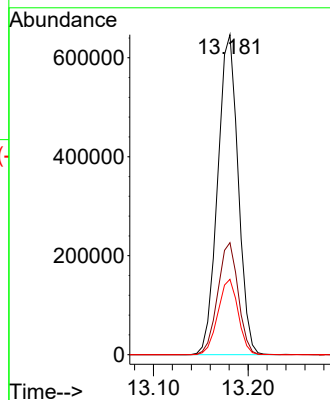
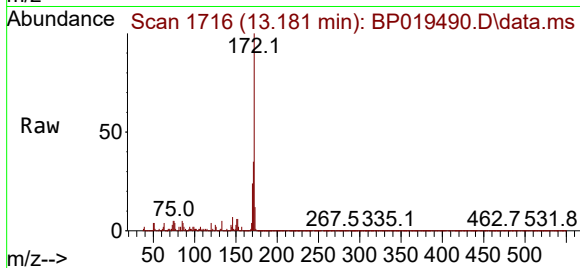
Tgt Ion:172 Resp: 971365

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.5 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019490.D

Acq: 30 Jan 2024 19:51

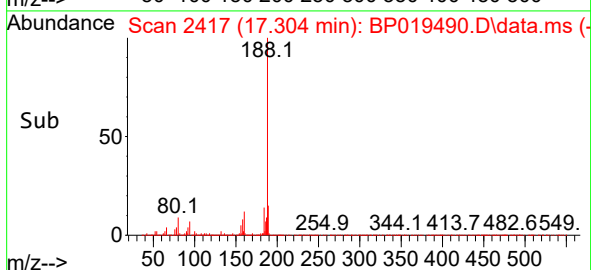
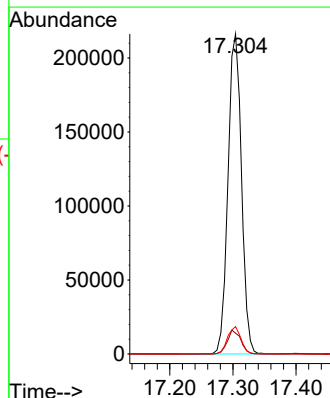
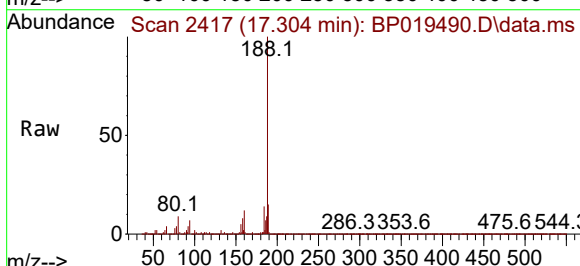
Tgt Ion:188 Resp: 319714

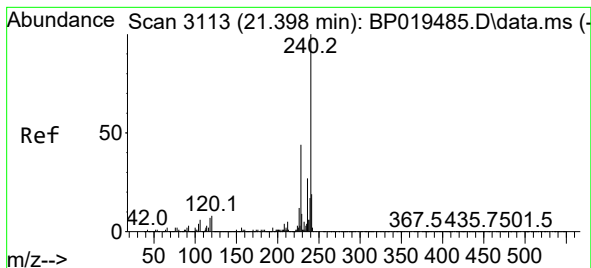
Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

80 8.5 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP019490.D

Acq: 30 Jan 2024 19:51

Instrument :

BNA_P

ClientSampleId :

PB158676BL

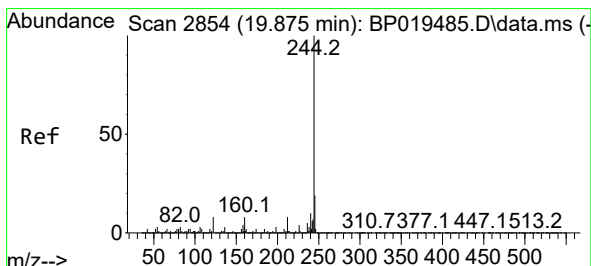
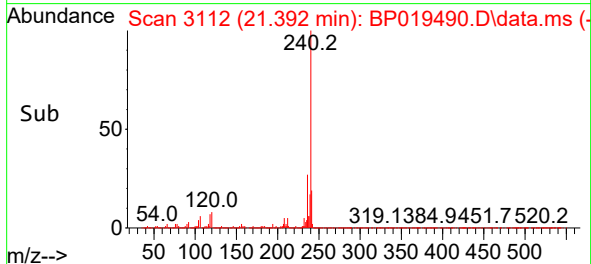
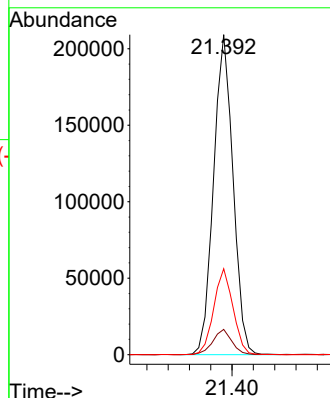
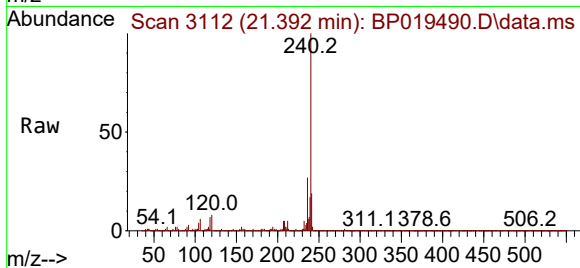
Tgt Ion:240 Resp: 265071

Ion Ratio Lower Upper

240 100

120 7.9 6.4 9.6

236 26.9 21.4 32.0



#79

Terphenyl-d14

Concen: 81.521 ng

RT: 19.869 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BP019490.D

Acq: 30 Jan 2024 19:51

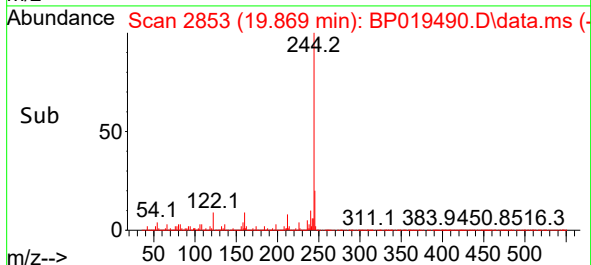
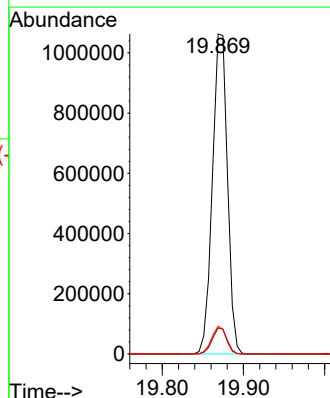
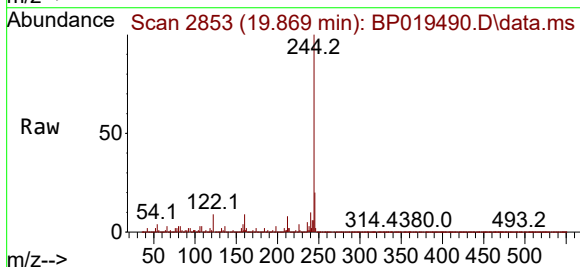
Tgt Ion:244 Resp: 1364773

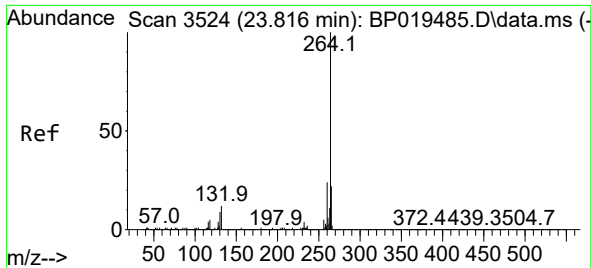
Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

122 8.6 6.6 9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.810 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019490.D
Acq: 30 Jan 2024 19:51

Instrument :
BNA_P
ClientSampleId :
PB158676BL

Tgt Ion:264 Resp: 303080

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	17.6	26.4

