

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
 Data File : BP019471.D
 Acq On : 29 Jan 2024 18:11
 Operator : MA/JU
 Sample : PB158666BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158666BL

Quant Time: Jan 30 01:21:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 00:59:08 2024
 Response via : Initial Calibration

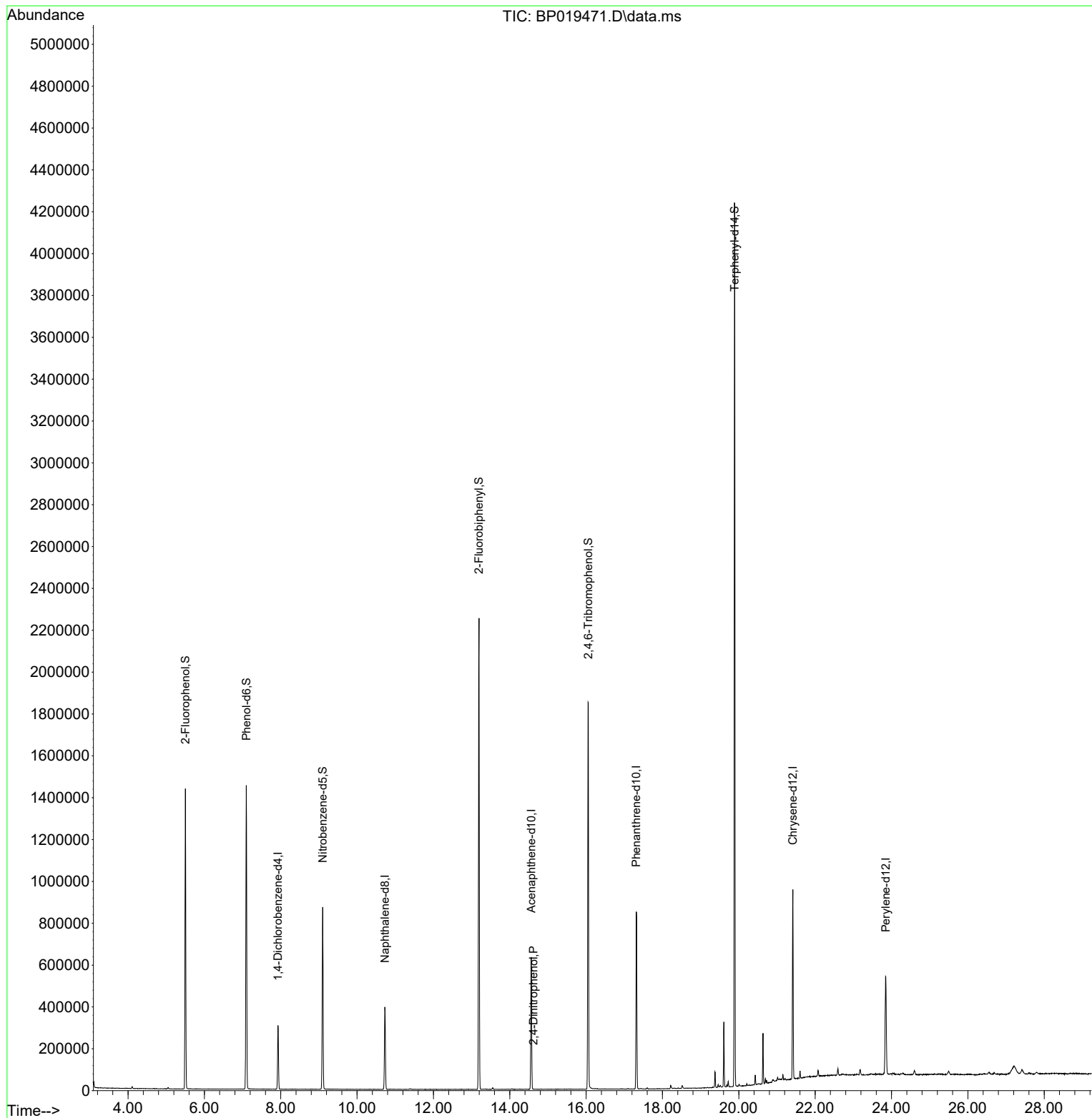
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	73869	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	297932	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	210741	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	502136	20.000	ng	0.00
76) Chrysene-d12	21.416	240	423252	20.000	ng	0.00
86) Perylene-d12	23.851	264	376776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	506980	109.208	ng	0.00
7) Phenol-d6	7.099	99	690344	101.864	ng	0.00
23) Nitrobenzene-d5	9.099	82	480616	66.379	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	307463	106.487	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	1087058	66.417	ng	0.00
79) Terphenyl-d14	19.892	244	1951538	65.691	ng	0.00
Target Compounds						
9) Benzaldehyde	7.105	77	2153	Below Cal	#	8
54) 2,4-Dinitrophenol	14.622	184	20	3.962	ng	86
77) Benzidine	19.516	184	4577	Below Cal	#	93

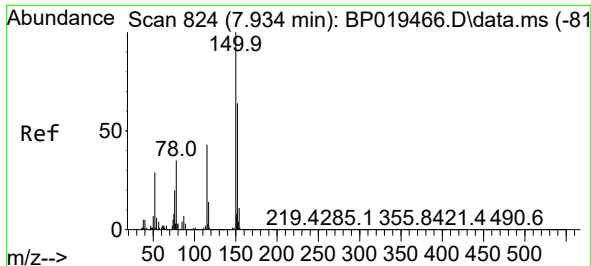
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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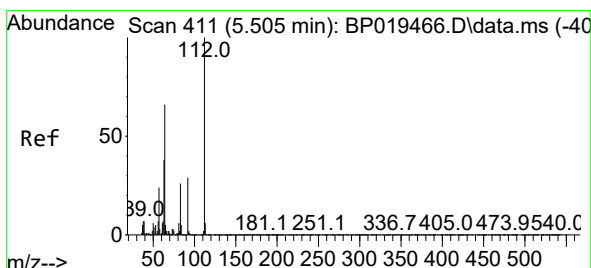
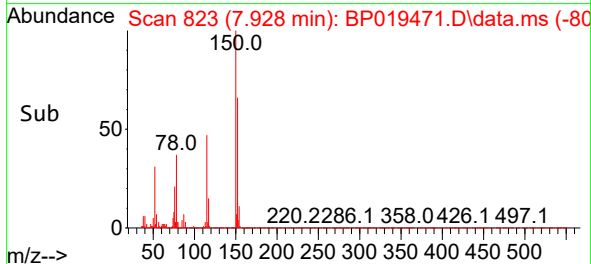
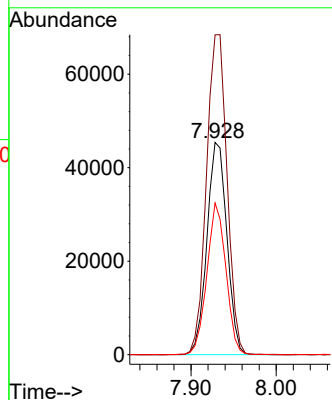
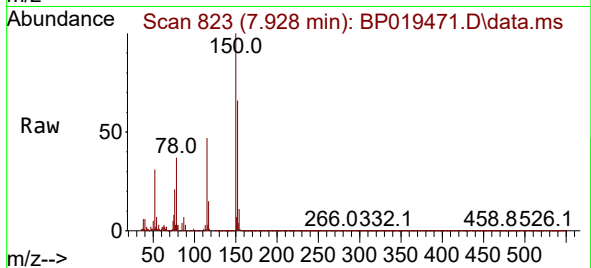




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019471.D
Acq: 29 Jan 2024 18:11

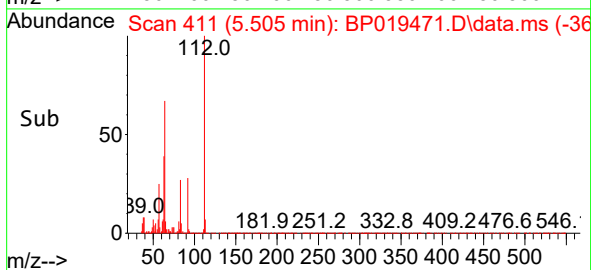
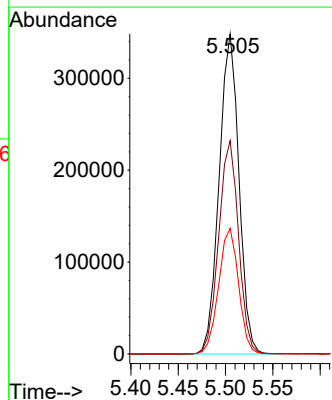
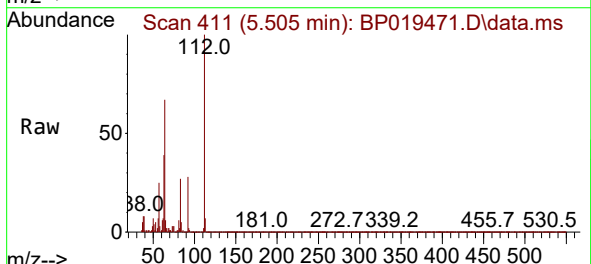
Instrument :
BNA_P
ClientSampleId :
PB158666BL

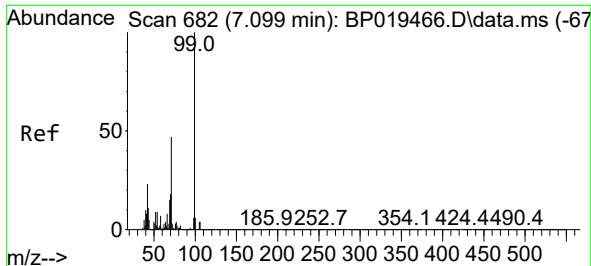
Tgt Ion:152 Resp: 73869
Ion Ratio Lower Upper
152 100
150 150.7 125.4 188.2
115 71.5 53.7 80.5



#5
2-Fluorophenol
Concen: 109.208 ng
RT: 5.505 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP019471.D
Acq: 29 Jan 2024 18:11

Tgt Ion:112 Resp: 506980
Ion Ratio Lower Upper
112 100
64 66.7 52.6 79.0
63 39.3 30.3 45.5

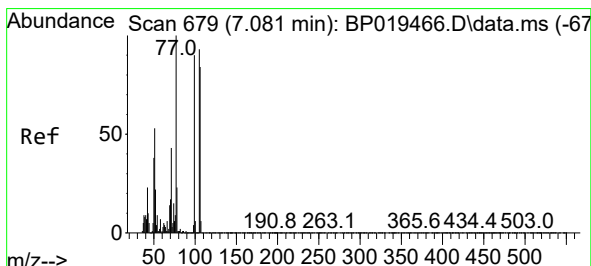
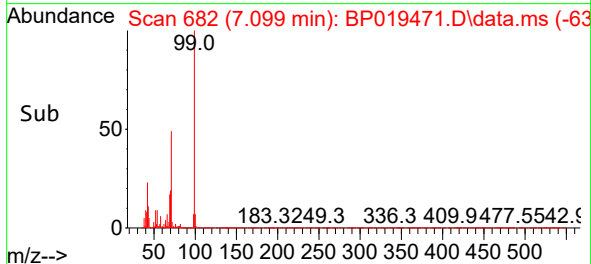
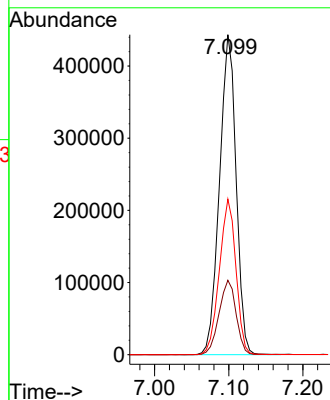
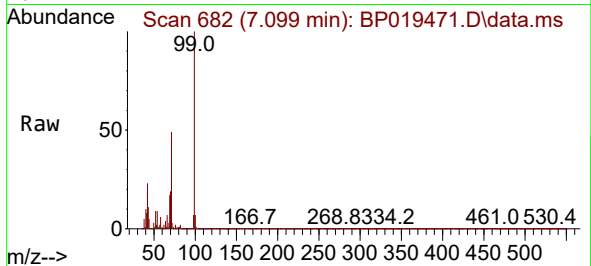




#7
Phenol-d6
Concen: 101.864 ng
RT: 7.099 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019471.D
Acq: 29 Jan 2024 18:11

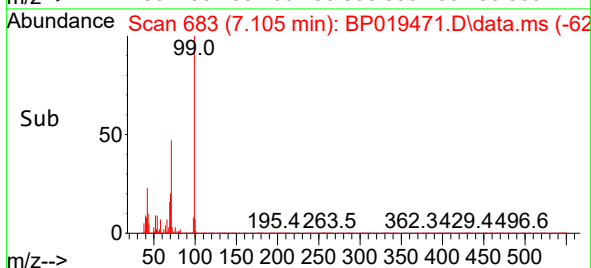
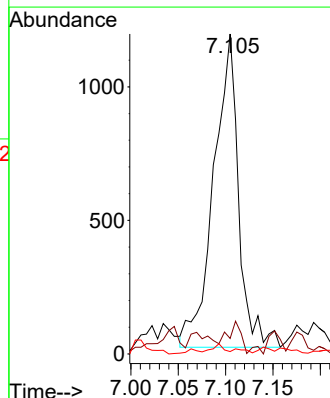
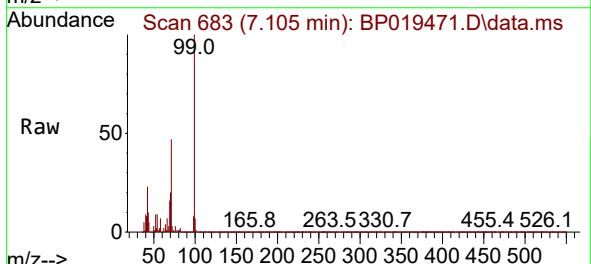
Instrument :
BNA_P
ClientSampleId :
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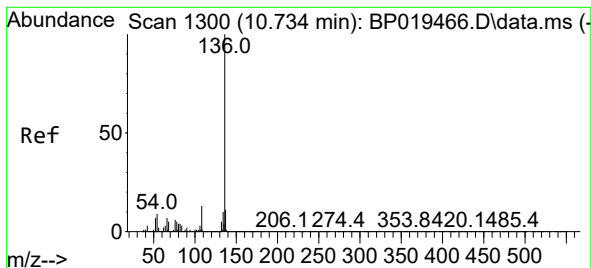
Tgt Ion: 99 Resp: 690344
Ion Ratio Lower Upper
99 100
42 23.2 18.6 28.0
71 48.6 37.8 56.6



#9
Benzaldehyde
Concen: Below Cal
RT: 7.105 min Scan# 683
Delta R.T. 0.024 min
Lab File: BP019471.D
Acq: 29 Jan 2024 18:11

Tgt Ion: 77 Resp: 2153
Ion Ratio Lower Upper
77 100
105 4.8 72.9 112.9#
106 0.8 64.4 104.4#

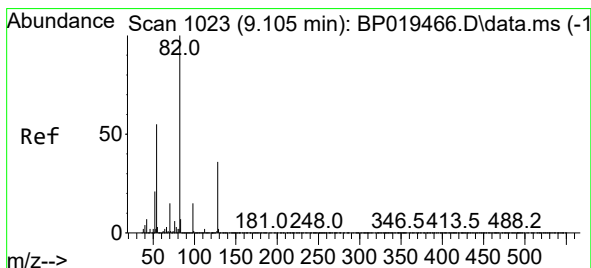
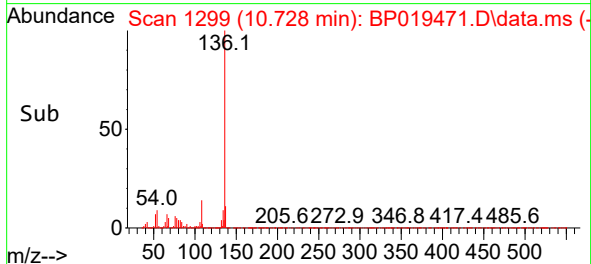
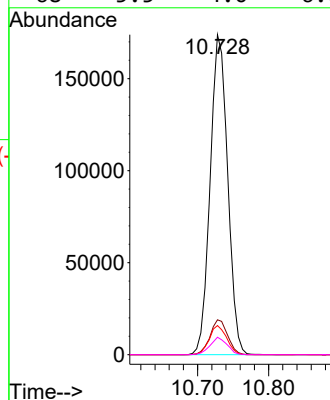
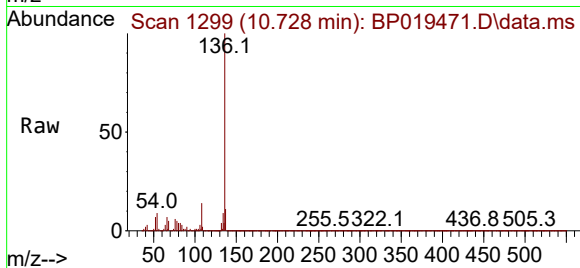




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019471.D
Acq: 29 Jan 2024 18:11

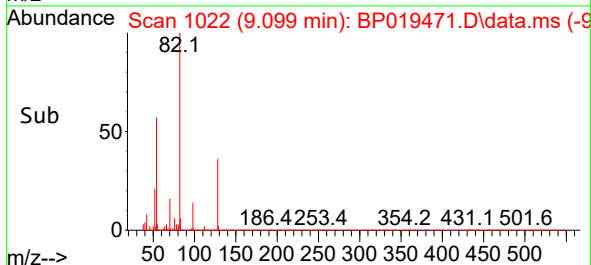
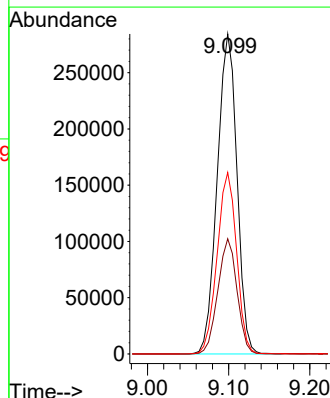
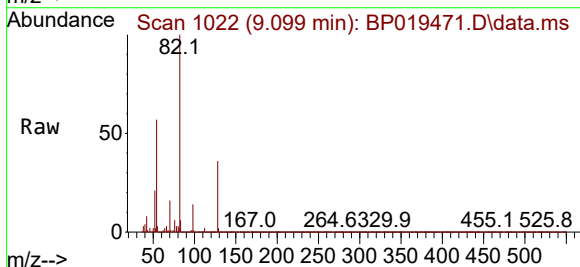
Instrument :
BNA_P
ClientSampleId :
PB158666BL

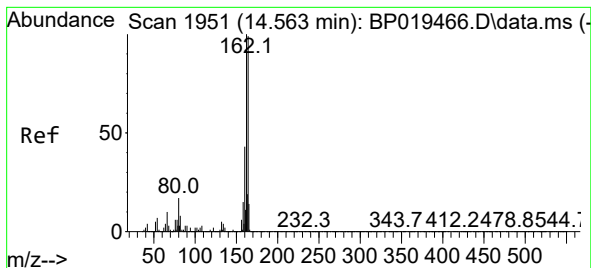
Tgt Ion:	136	Resp:	297932
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.1	7.4	11.0
68	5.5	4.0	6.0



#23
Nitrobenzene-d5
Concen: 66.379 ng
RT: 9.099 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BP019471.D
Acq: 29 Jan 2024 18:11

Tgt Ion:	82	Resp:	480616
Ion	Ratio	Lower	Upper
82	100		
128	36.0	28.9	43.3
54	56.7	44.3	66.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1951

Delta R.T. -0.000 min

Lab File: BP019471.D

Acq: 29 Jan 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB158666BL

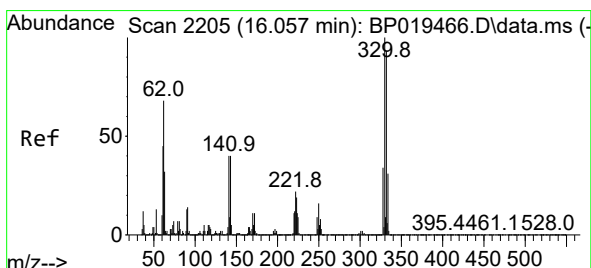
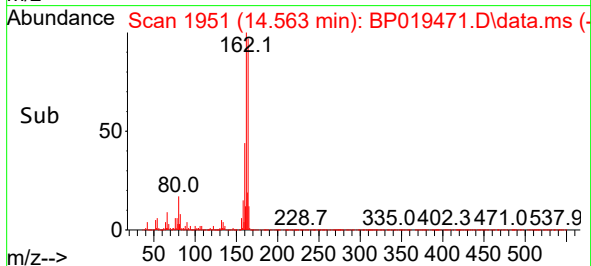
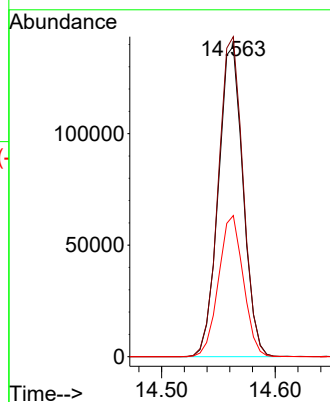
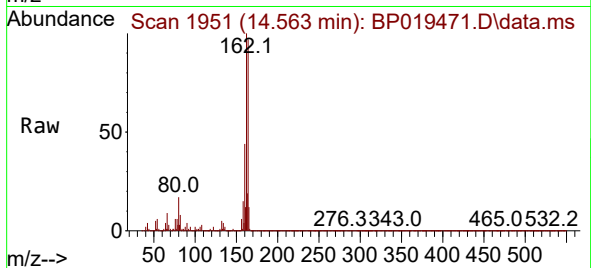
Tgt Ion:164 Resp: 210741

Ion Ratio Lower Upper

164 100

162 103.1 80.7 121.1

160 45.4 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 106.487 ng

RT: 16.057 min Scan# 2205

Delta R.T. -0.000 min

Lab File: BP019471.D

Acq: 29 Jan 2024 18:11

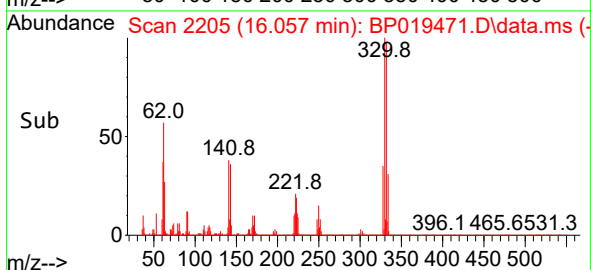
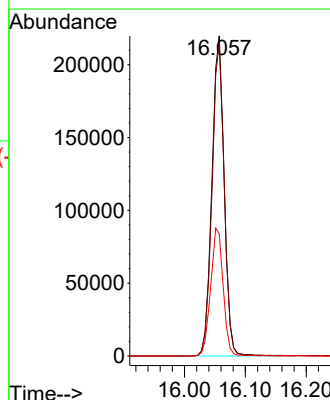
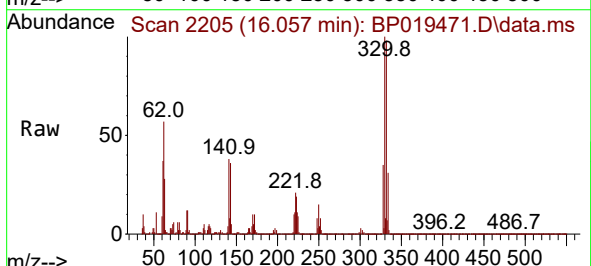
Tgt Ion:330 Resp: 307463

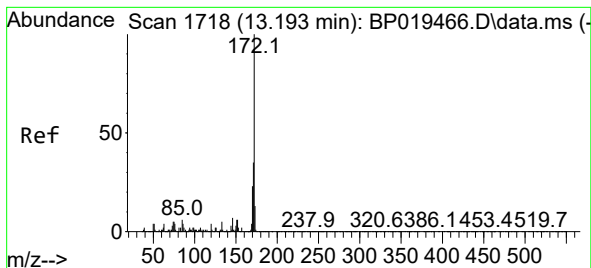
Ion Ratio Lower Upper

330 100

332 97.1 76.2 114.2

141 40.7 33.3 49.9





#45

2-Fluorobiphenyl

Concen: 66.417 ng

RT: 13.193 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP019471.D

Acq: 29 Jan 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB158666BL

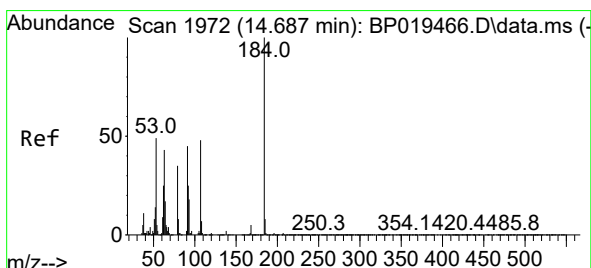
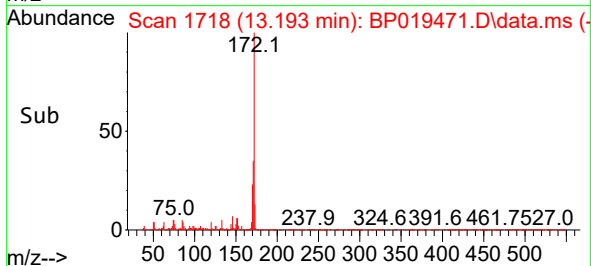
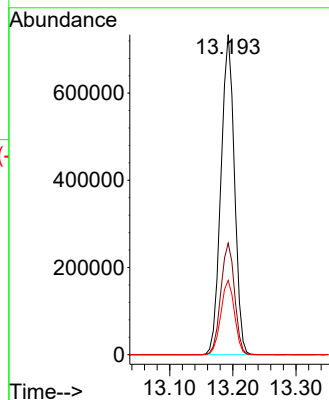
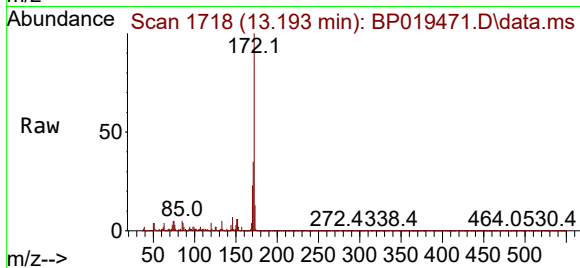
Tgt Ion:172 Resp: 1087058

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.2 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 3.962 ng

RT: 14.622 min Scan# 1961

Delta R.T. -0.065 min

Lab File: BP019471.D

Acq: 29 Jan 2024 18:11

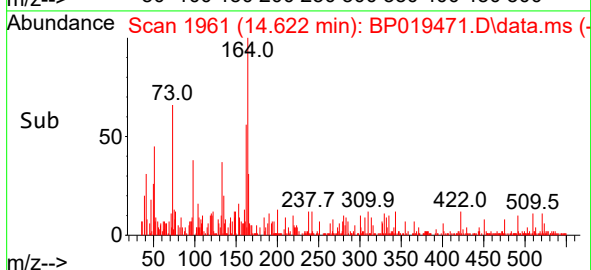
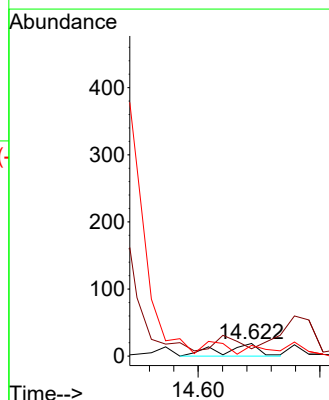
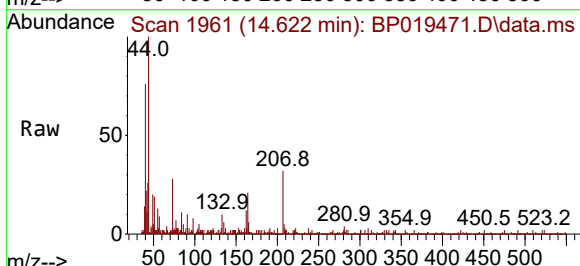
Tgt Ion:184 Resp: 20

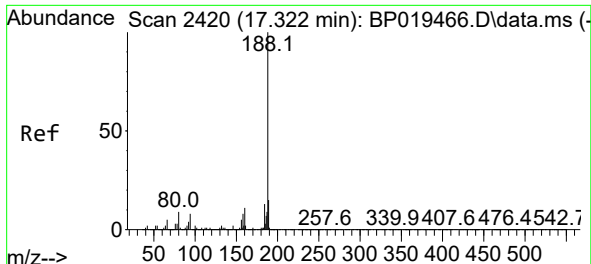
Ion Ratio Lower Upper

184 100

63 57.9 56.8 85.2

154 84.2 59.3 88.9

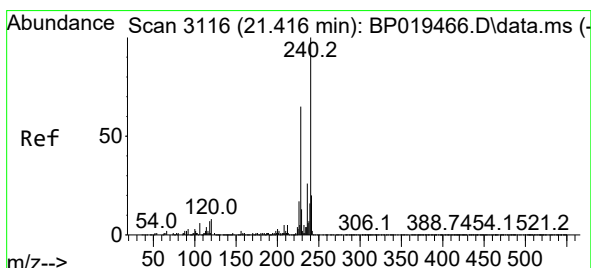
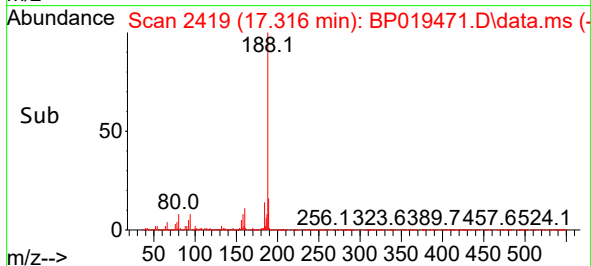
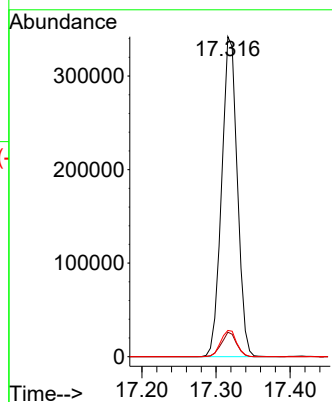
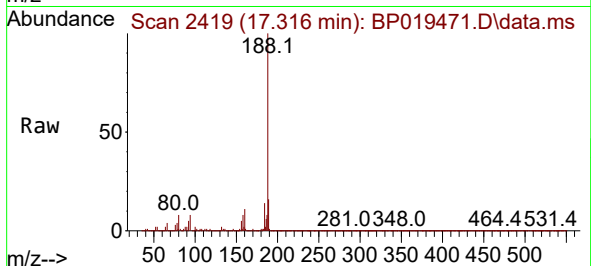




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP019471.D
Acq: 29 Jan 2024 18:11

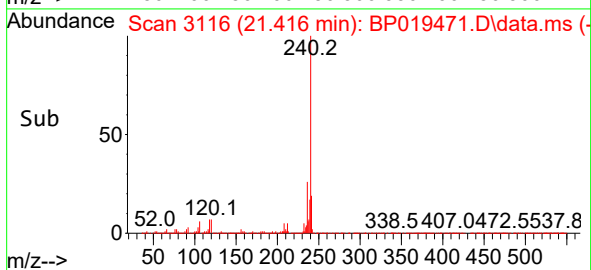
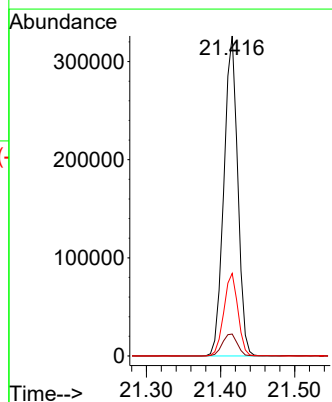
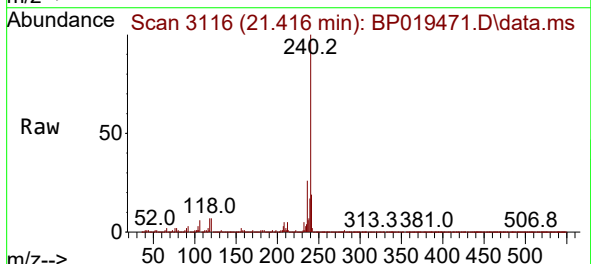
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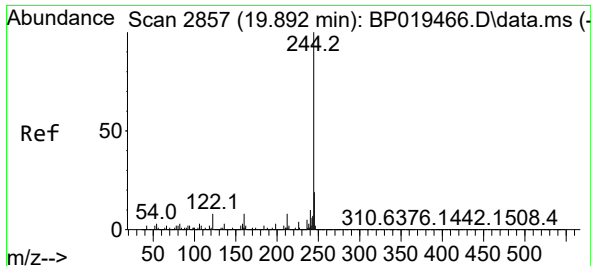
Tgt Ion:188 Resp: 502136
Ion Ratio Lower Upper
188 100
94 7.6 6.1 9.1
80 8.2 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP019471.D
Acq: 29 Jan 2024 18:11

Tgt Ion:240 Resp: 423252
Ion Ratio Lower Upper
240 100
120 6.8 6.1 9.1
236 25.8 20.6 31.0

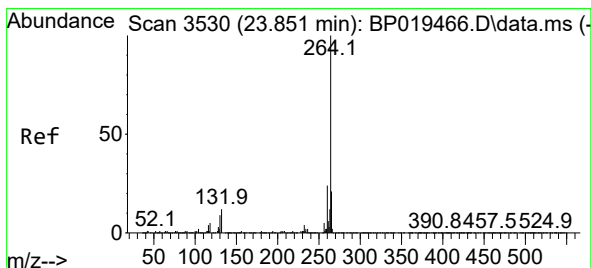
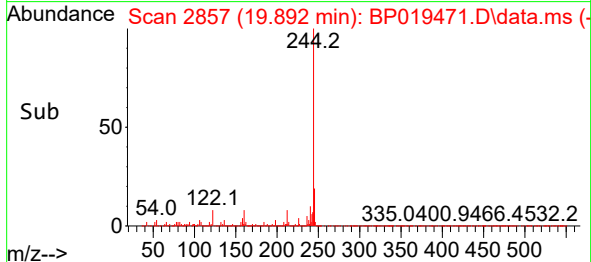
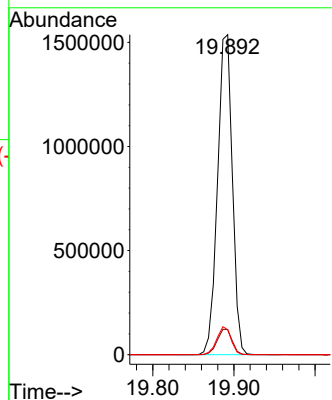
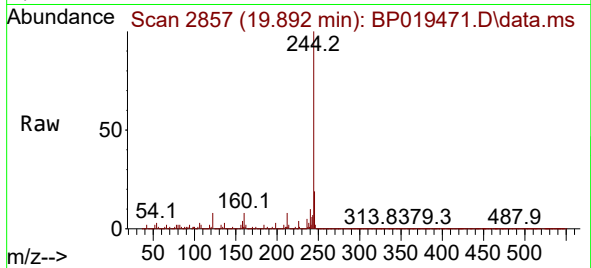




#79
 Terphenyl-d14
 Concen: 65.691 ng
 RT: 19.892 min Scan# 2857
 Delta R.T. -0.000 min
 Lab File: BP019471.D
 Acq: 29 Jan 2024 18:11

Instrument :
 BNA_P
 ClientSampleId :
 PB158666BL

Tgt Ion:244 Resp: 1951538
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 7.8 6.5 9.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.851 min Scan# 3530
 Delta R.T. -0.000 min
 Lab File: BP019471.D
 Acq: 29 Jan 2024 18:11

Tgt Ion:264 Resp: 376776
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.9 28.3
 265 21.7 16.6 25.0

