

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
 Data File : BP019820.D
 Acq On : 22 Feb 2024 12:42
 Operator : MA/JU
 Sample : P1462-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20240762-39N-N-FIELD-BLANK-1

Quant Time: Feb 22 13:12:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	49526	20.000	ng	-0.01
21) Naphthalene-d8	10.687	136	188622	20.000	ng	-0.01
39) Acenaphthene-d10	14.528	164	139321	20.000	ng	-0.01
64) Phenanthrene-d10	17.286	188	341482	20.000	ng	0.00
76) Chrysene-d12	21.380	240	378468	20.000	ng	-0.01
86) Perylene-d12	23.804	264	426038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	100134	32.591	ng	-0.01
7) Phenol-d6	7.063	99	122200	29.497	ng	0.00
23) Nitrobenzene-d5	9.057	82	100947	23.190	ng	-0.01
42) 2,4,6-Tribromophenol	16.028	330	86643	42.593	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	210284	18.659	ng	-0.01
79) Terphenyl-d14	19.857	244	476955	20.725	ng	0.00

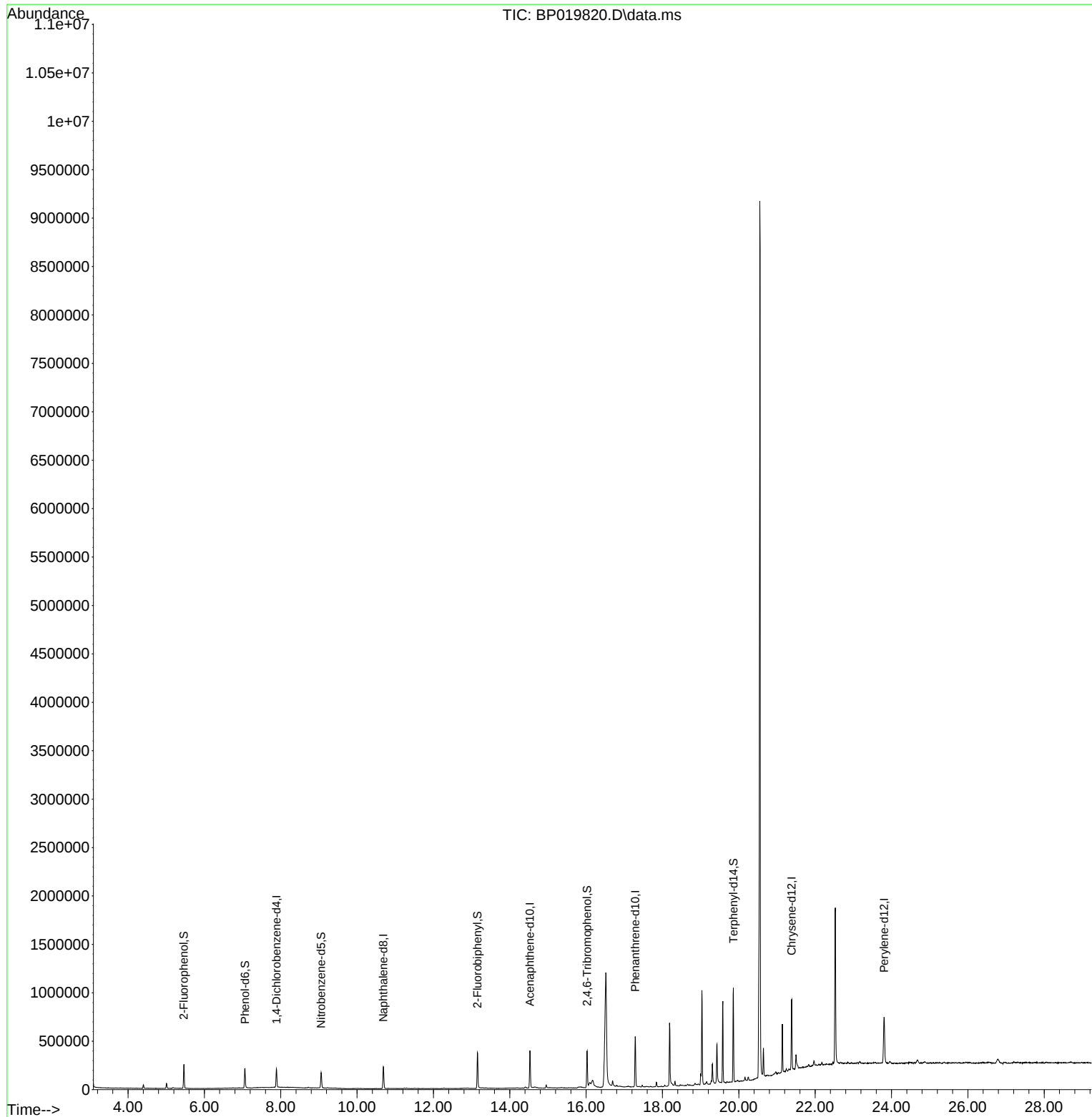
Target Compounds	Qvalue

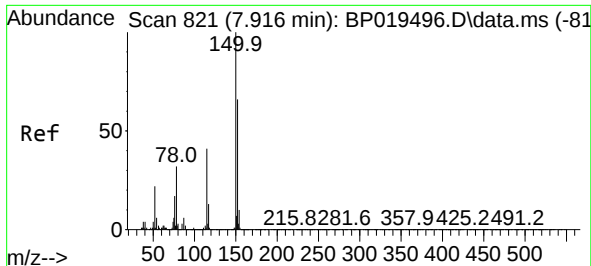
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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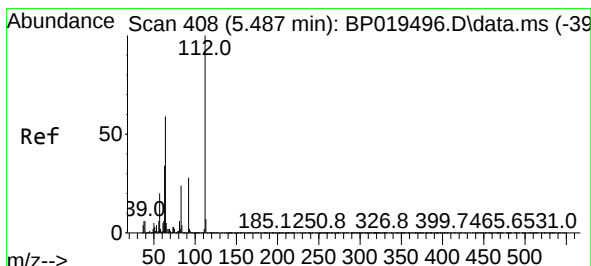
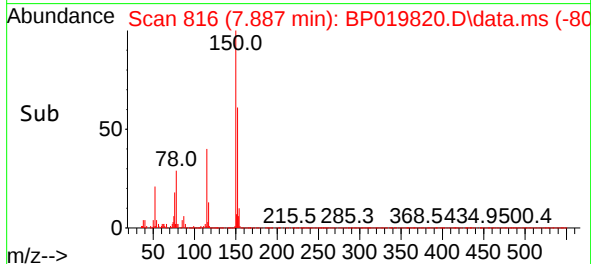
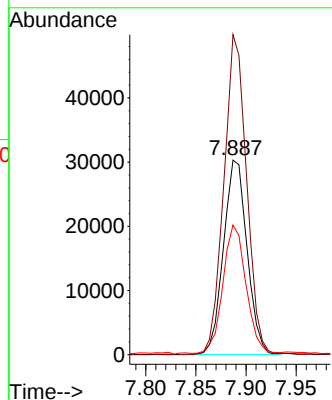
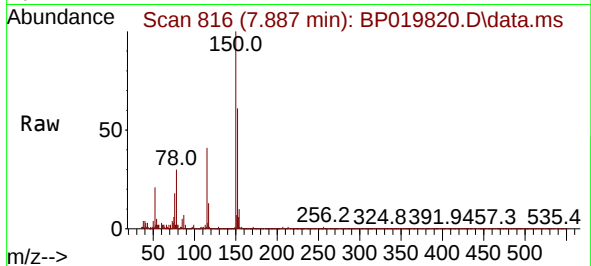




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019820.D
Acq: 22 Feb 2024 12:42

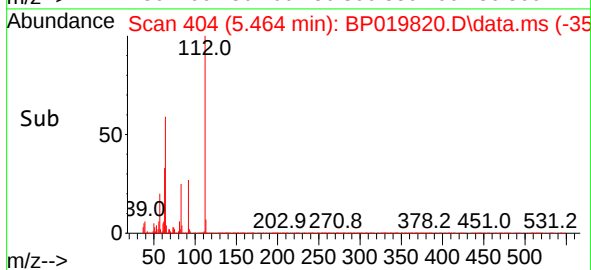
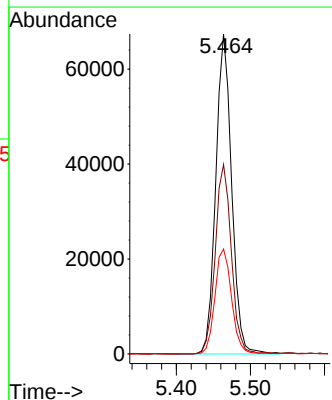
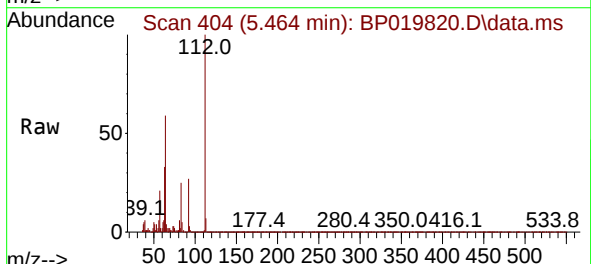
Instrument :
BNA_P
ClientSampleId :
20240762-39N-N-FIELD-BLANK-1

Tgt Ion:152 Resp: 49526
Ion Ratio Lower Upper
152 100
150 164.5 121.8 182.8
115 66.6 49.9 74.9



#5
2-Fluorophenol
Concen: 32.591 ng
RT: 5.464 min Scan# 404
Delta R.T. -0.012 min
Lab File: BP019820.D
Acq: 22 Feb 2024 12:42

Tgt Ion:112 Resp: 100134
Ion Ratio Lower Upper
112 100
64 59.2 47.4 71.0
63 32.8 27.0 40.6

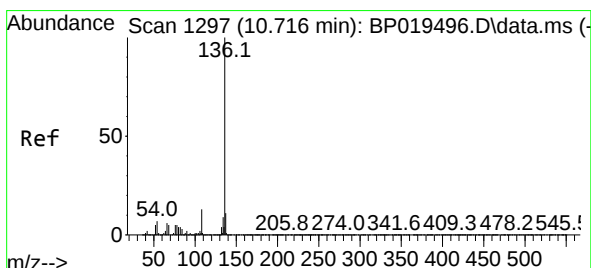
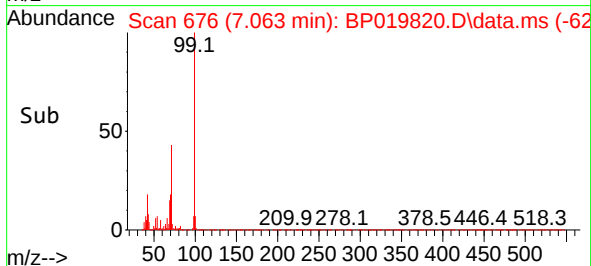
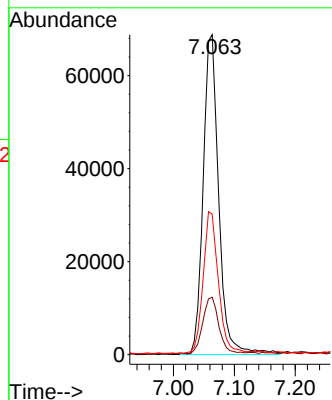
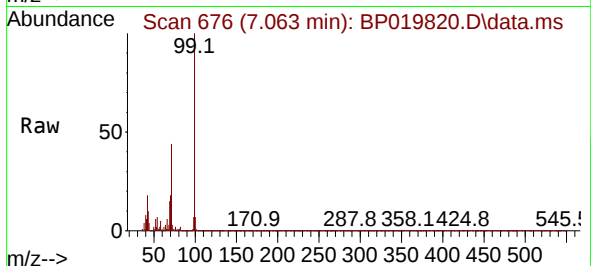




#7
Phenol-d6
Concen: 29.497 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019820.D
Acq: 22 Feb 2024 12:42

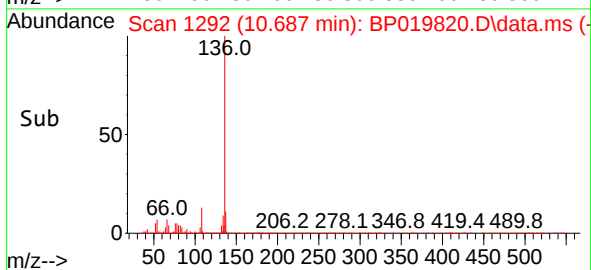
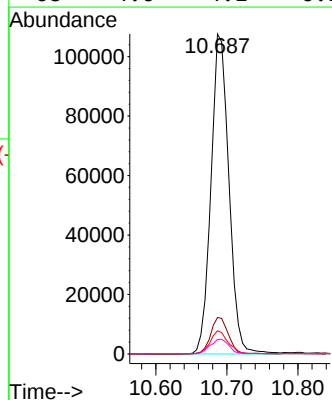
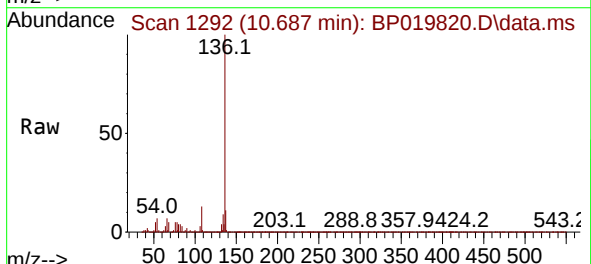
Instrument :
BNA_P
ClientSampleId :
20240762-39N-N-FIELD-BLANK-1

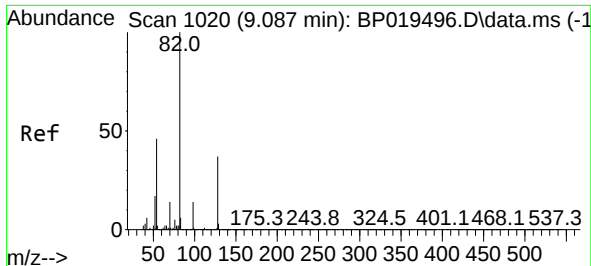
Tgt Ion: 99 Resp: 122200
Ion Ratio Lower Upper
99 100
42 17.9 14.7 22.1
71 43.9 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP019820.D
Acq: 22 Feb 2024 12:42

Tgt Ion: 136 Resp: 188622
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.3 5.3 7.9
68 4.6 4.1 6.1

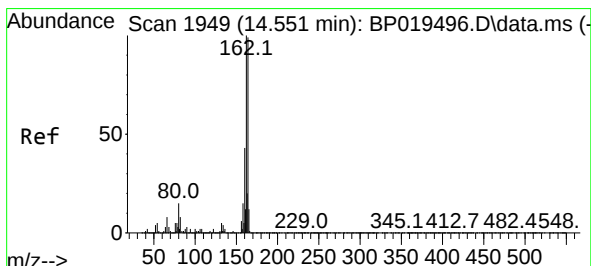
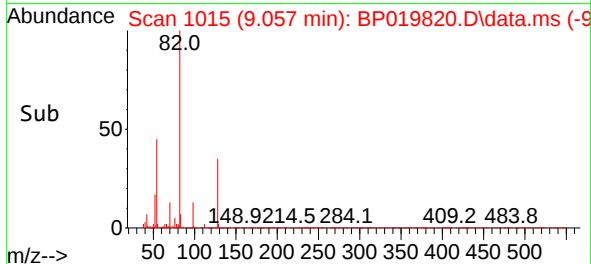
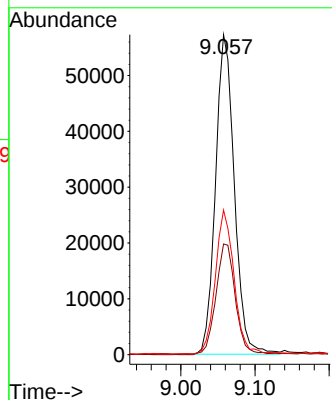
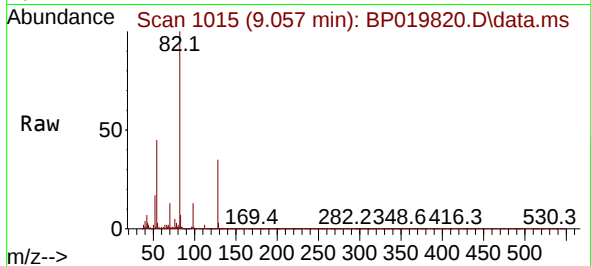




#23
Nitrobenzene-d5
Concen: 23.190 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP019820.D
Acq: 22 Feb 2024 12:42

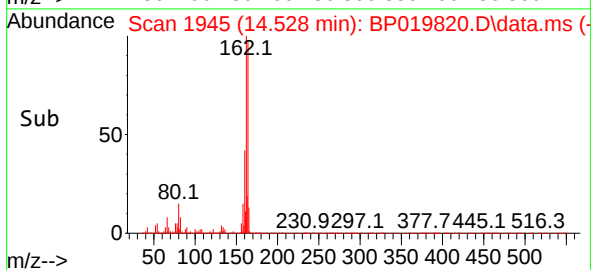
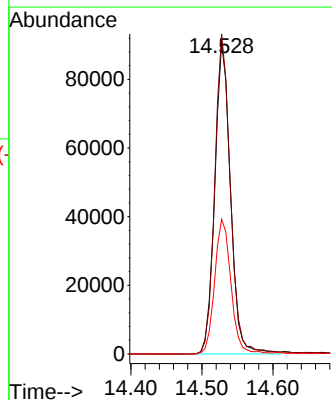
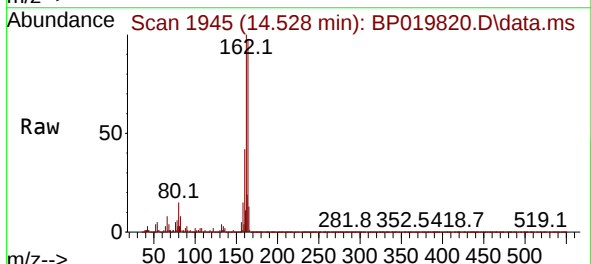
Instrument :
BNA_P
ClientSampleId :
20240762-39N-N-FIELD-BLANK-1

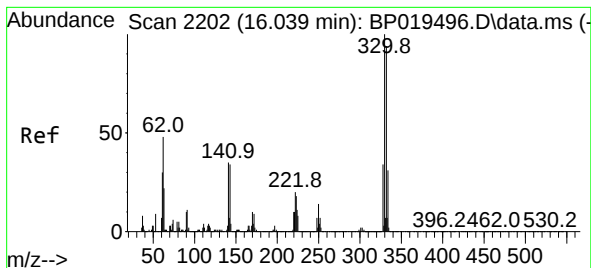
Tgt Ion: 82 Resp: 100947
Ion Ratio Lower Upper
82 100
128 34.6 29.7 44.5
54 45.2 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019820.D
Acq: 22 Feb 2024 12:42

Tgt Ion: 164 Resp: 139321
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 43.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 42.593 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019820.D

Acq: 22 Feb 2024 12:42

Instrument :

BNA_P

ClientSampleId :

20240762-39N-N-FIELD-BLANK-1

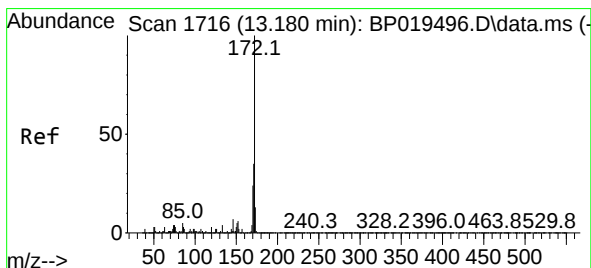
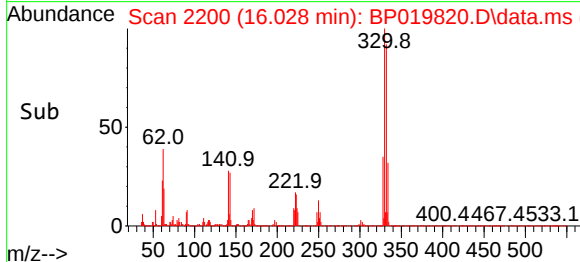
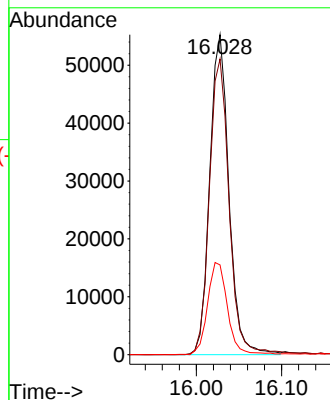
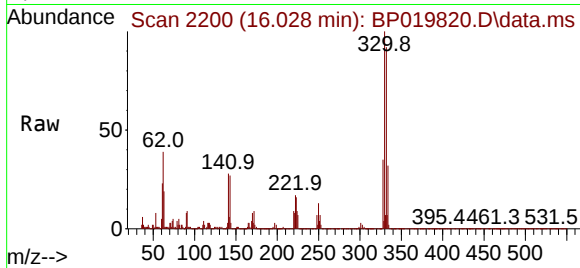
Tgt Ion:330 Resp: 86643

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

141 29.9 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 18.659 ng

RT: 13.151 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP019820.D

Acq: 22 Feb 2024 12:42

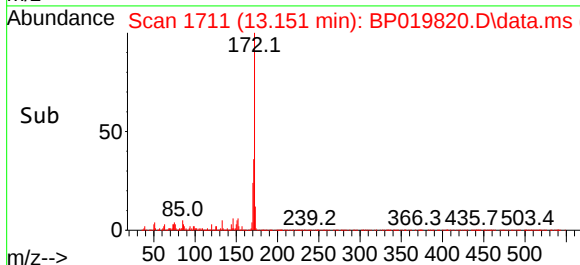
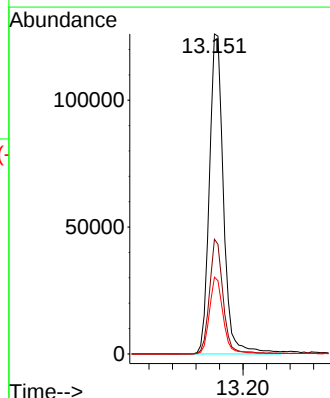
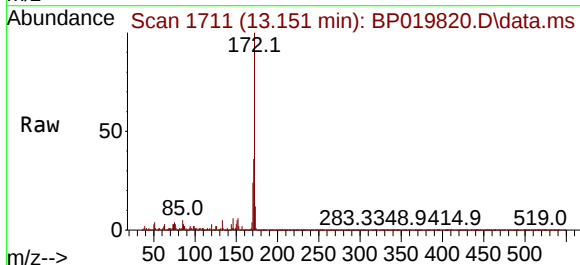
Tgt Ion:172 Resp: 210284

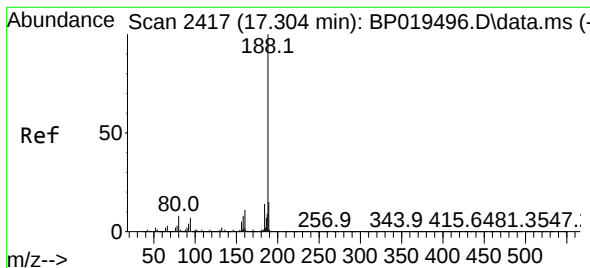
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.4

170 24.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BP019820.D

Acq: 22 Feb 2024 12:42

Instrument :

BNA_P

ClientSampleId :

20240762-39N-N-FIELD-BLANK-1

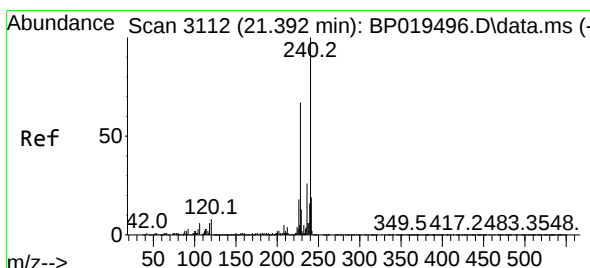
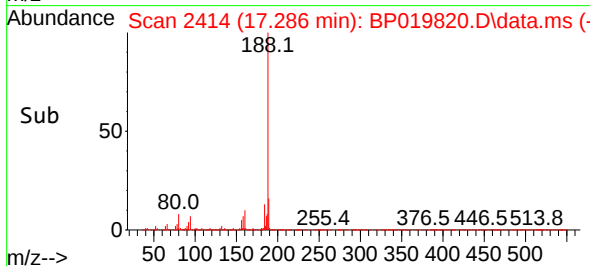
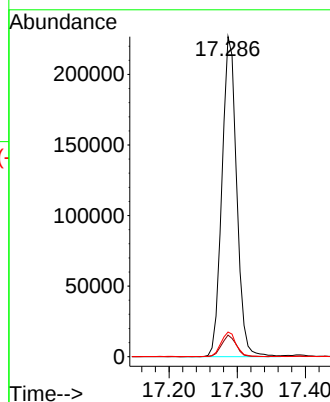
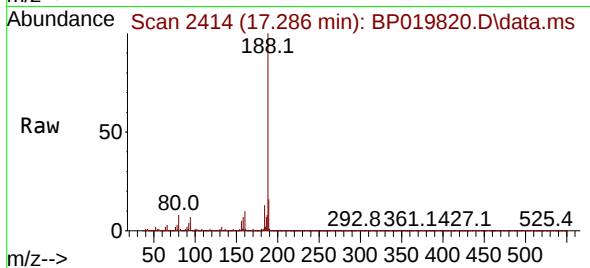
Tgt Ion:188 Resp: 341482

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 7.7 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019820.D

Acq: 22 Feb 2024 12:42

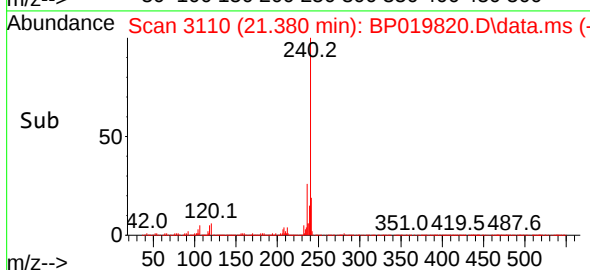
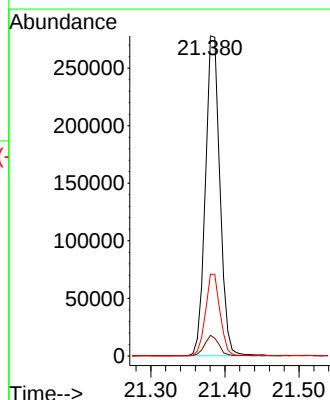
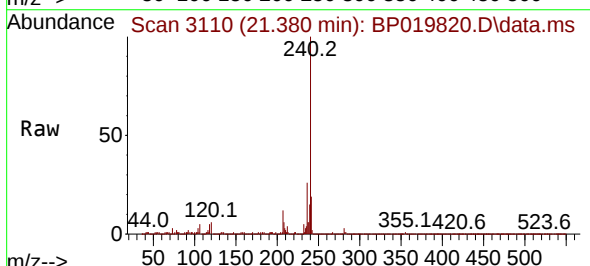
Tgt Ion:240 Resp: 378468

Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 20.725 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019820.D

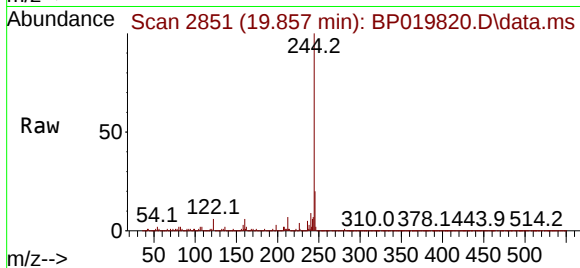
Acq: 22 Feb 2024 12:42

Instrument :

BNA_P

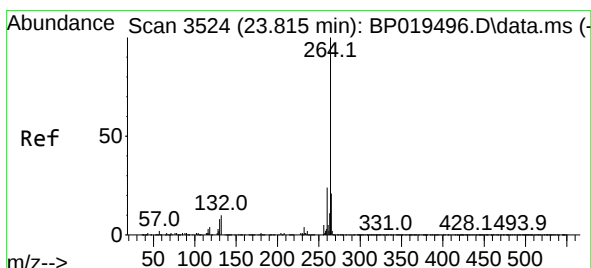
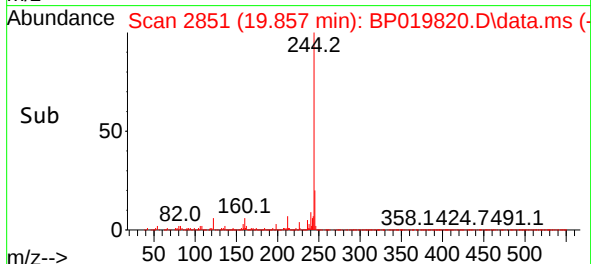
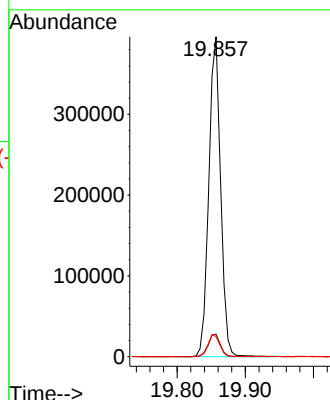
ClientSampleId :

20240762-39N-N-FIELD-BLANK-1



Tgt Ion:244 Resp: 476955

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	6.3	5.9	8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.006 min

Lab File: BP019820.D

Acq: 22 Feb 2024 12:42

Tgt Ion:264 Resp: 426038

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.5	17.0	25.4

