

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019746.D
 Acq On : 16 Feb 2024 15:50
 Operator : MA/JU
 Sample : P1440-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-3

Quant Time: Feb 16 16:37:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

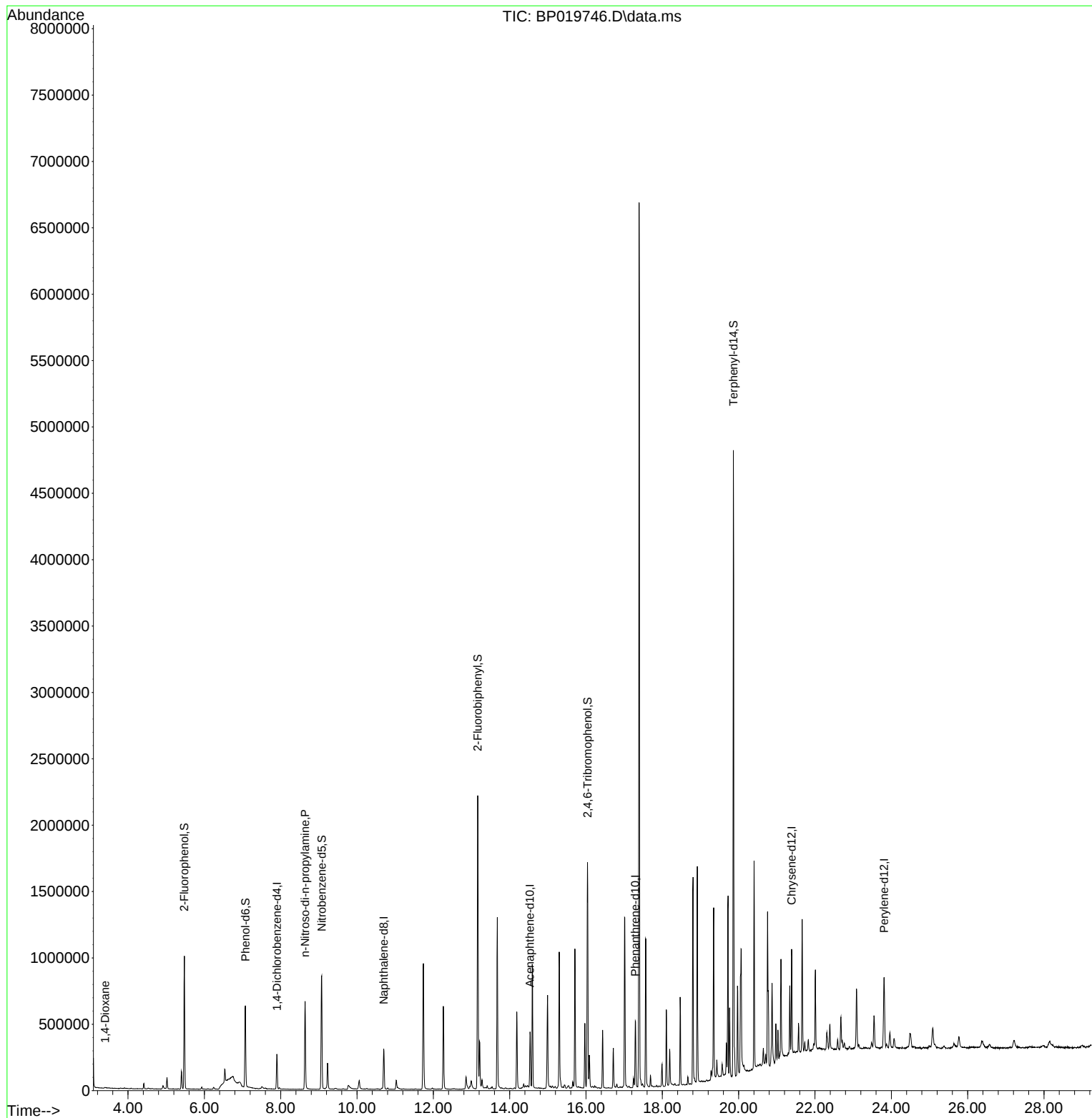
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	72691	20.000	ng	-0.01
21) Naphthalene-d8	10.699	136	247583	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	146561	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	325660	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	387520	20.000	ng	0.00
86) Perylene-d12	23.810	264	459993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	400349	88.777	ng	-0.01
7) Phenol-d6	7.075	99	354191	58.250	ng	-0.01
23) Nitrobenzene-d5	9.075	82	527844	92.382	ng	-0.01
42) 2,4,6-Tribromophenol	16.040	330	372978	174.297	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1161750	97.993	ng	-0.02
79) Terphenyl-d14	19.863	244	2141151	90.865	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.399	88	5735	3.301	ng	# 64
19) n-Nitroso-di-n-propyla...	8.640	70	88181	21.231	ng	# 70

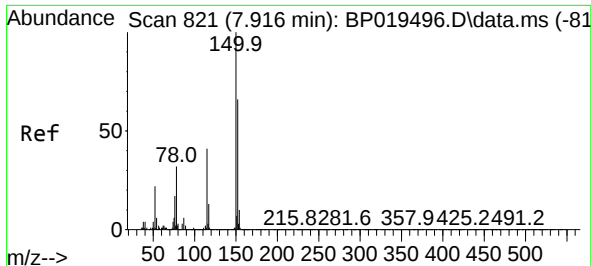
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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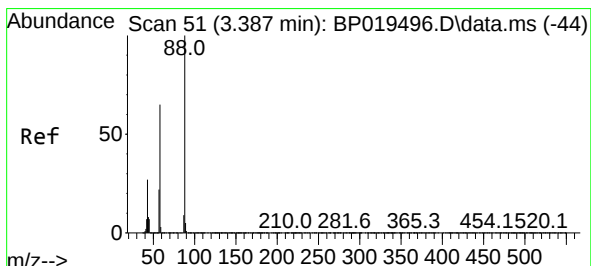
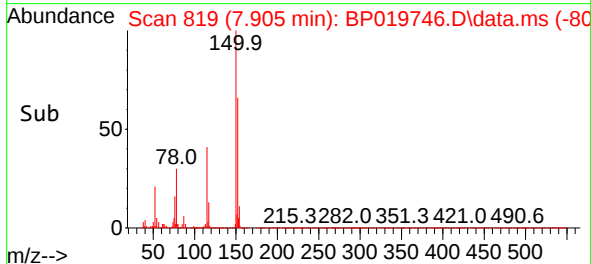
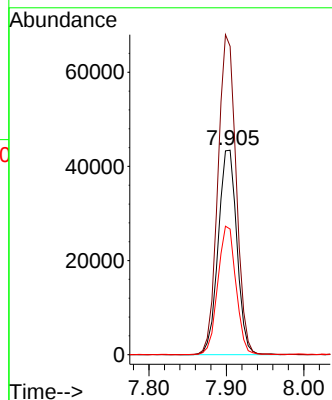
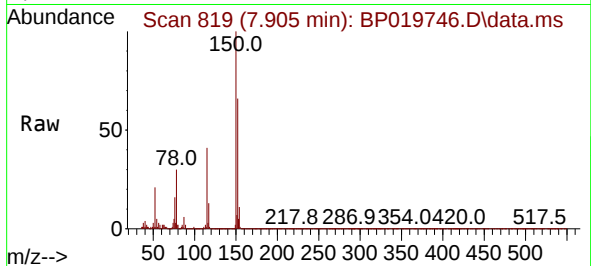




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019746.D
Acq: 16 Feb 2024 15:50

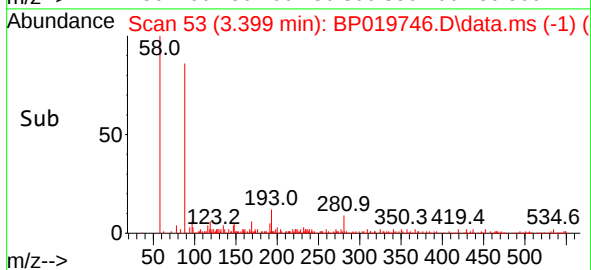
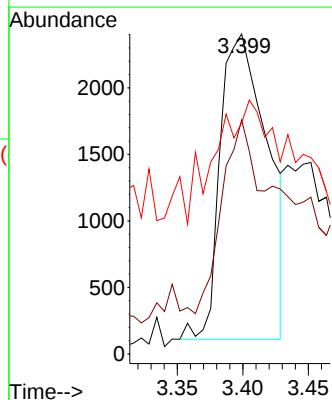
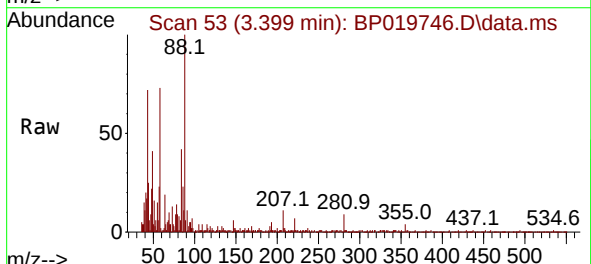
Instrument :
BNA_P
ClientSampleId :
TW-3

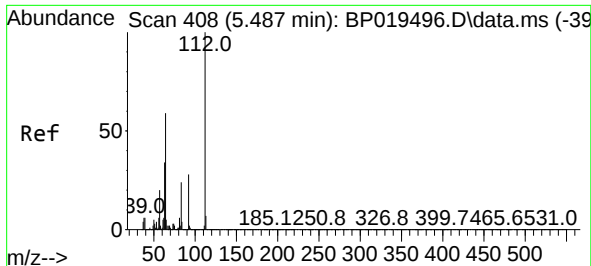
Tgt Ion:152 Resp: 72691
Ion Ratio Lower Upper
152 100
150 150.9 121.8 182.8
115 61.4 49.9 74.9



#2
1,4-Dioxane
Concen: 3.301 ng
RT: 3.399 min Scan# 53
Delta R.T. 0.012 min
Lab File: BP019746.D
Acq: 16 Feb 2024 15:50

Tgt Ion: 88 Resp: 5735
Ion Ratio Lower Upper
88 100
58 49.1 52.6 78.8#
43 65.0 21.9 32.9#

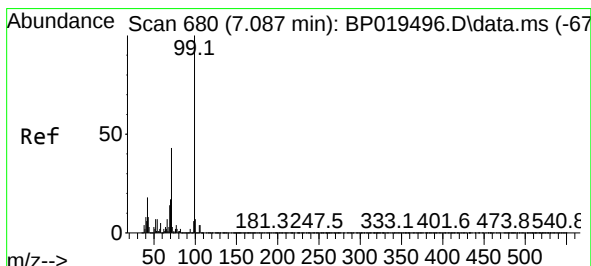
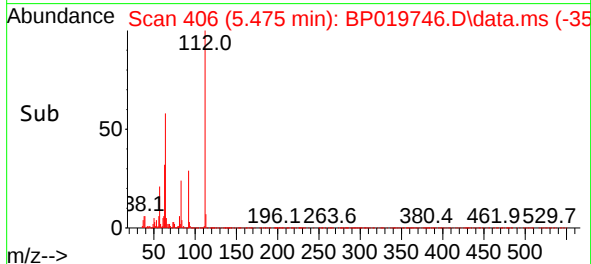
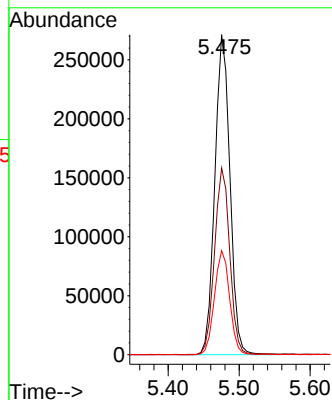
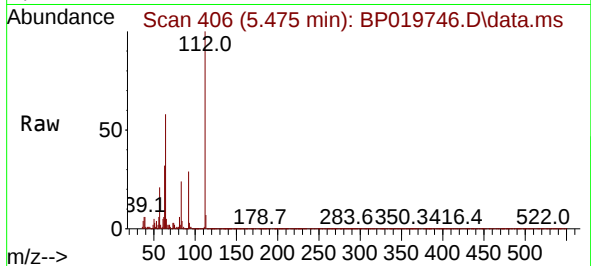




#5
2-Fluorophenol
Concen: 88.777 ng
RT: 5.475 min Scan# 408
Delta R.T. -0.011 min
Lab File: BP019746.D
Acq: 16 Feb 2024 15:50

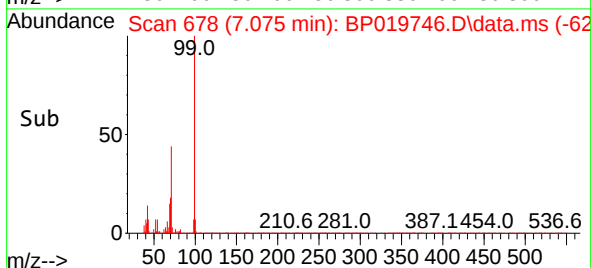
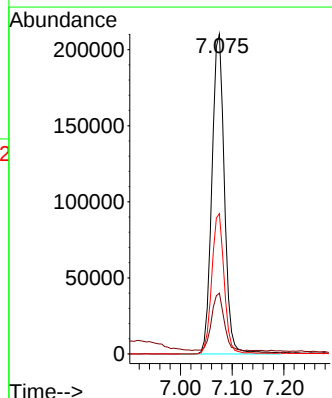
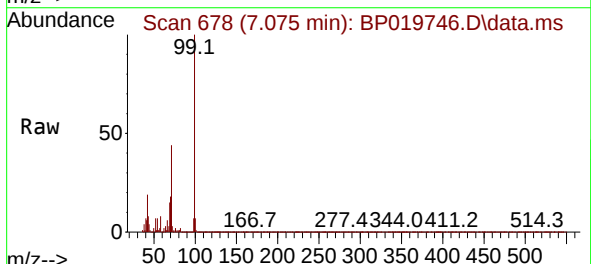
Instrument :
BNA_P
ClientSampleId :
TW-3

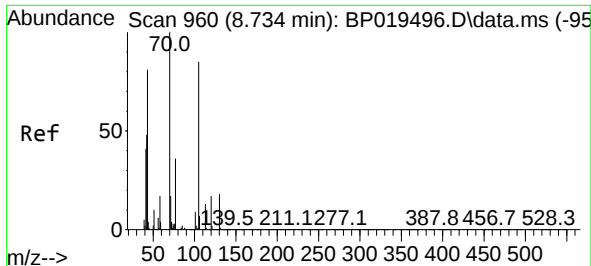
Tgt Ion:112 Resp: 400349
Ion Ratio Lower Upper
112 100
64 58.3 47.4 71.0
63 32.5 27.0 40.6



#7
Phenol-d6
Concen: 58.250 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.011 min
Lab File: BP019746.D
Acq: 16 Feb 2024 15:50

Tgt Ion: 99 Resp: 354191
Ion Ratio Lower Upper
99 100
42 19.0 14.7 22.1
71 43.8 34.8 52.2

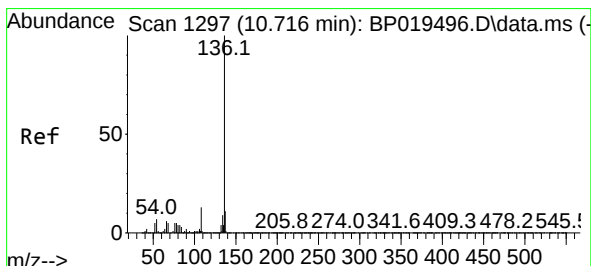
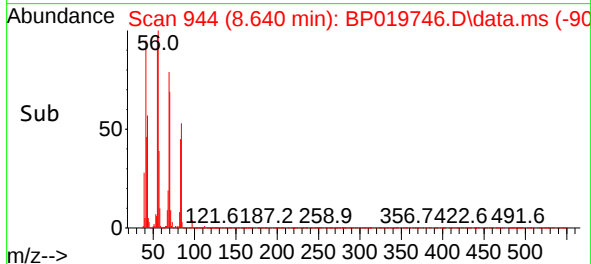
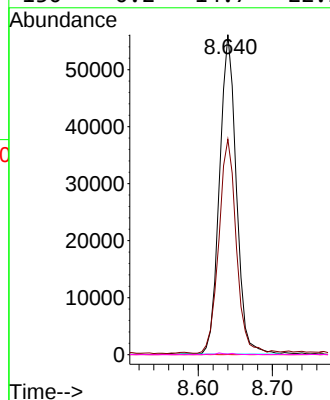
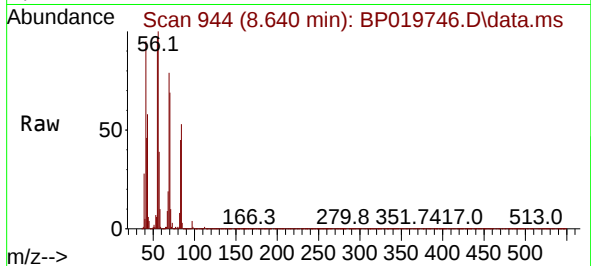




#19
n-Nitroso-di-n-propylamine
Concen: 21.231 ng
RT: 8.640 min Scan# 944
Delta R.T. -0.094 min
Lab File: BP019746.D
Acq: 16 Feb 2024 15:50

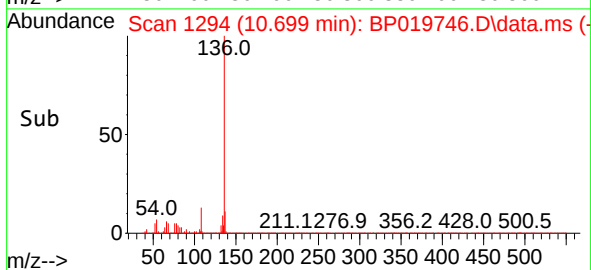
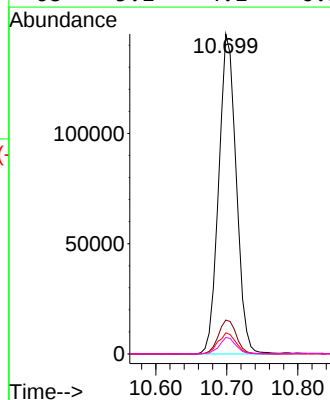
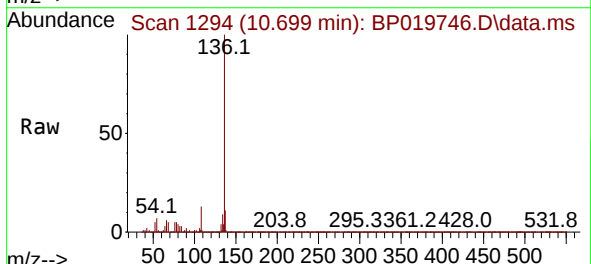
Instrument :
BNA_P
ClientSampleId :
TW-3

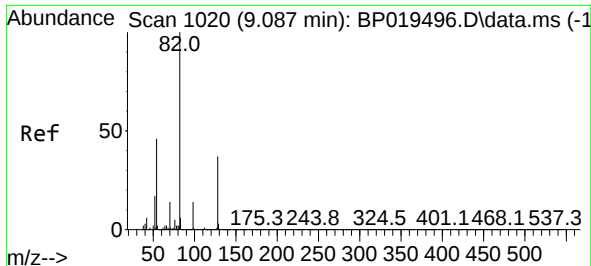
Tgt Ion: 70	Resp: 88181
Ion Ratio	Lower Upper
70	100
42	67.3 39.2 58.8#
101	0.0 7.3 10.9#
130	0.2 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019746.D
Acq: 16 Feb 2024 15:50

Tgt Ion: 136	Resp: 247583
Ion Ratio	Lower Upper
136	100
137	10.6 8.8 13.2
54	6.6 5.3 7.9
68	5.1 4.1 6.1

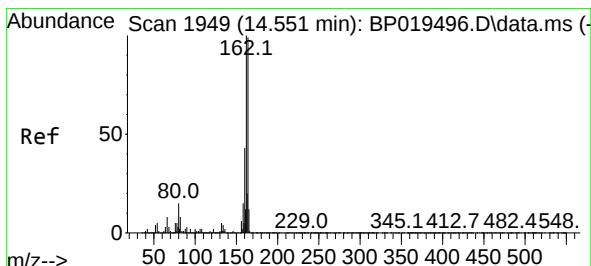
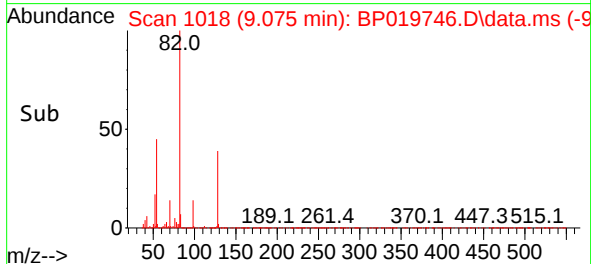
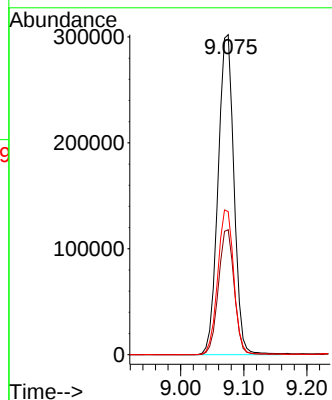
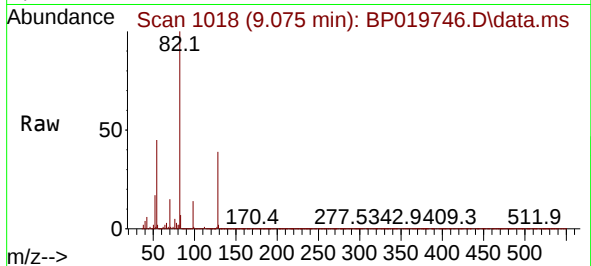




#23
Nitrobenzene-d5
Concen: 92.382 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019746.D
Acq: 16 Feb 2024 15:50

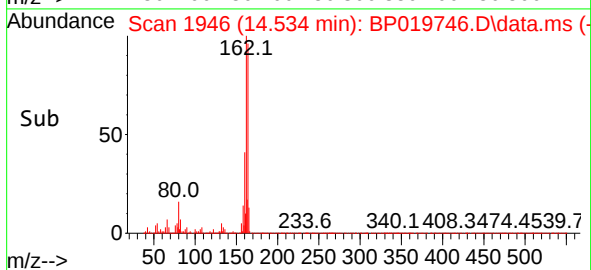
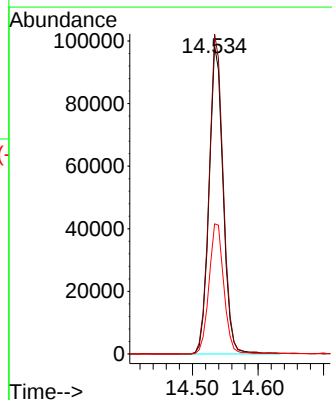
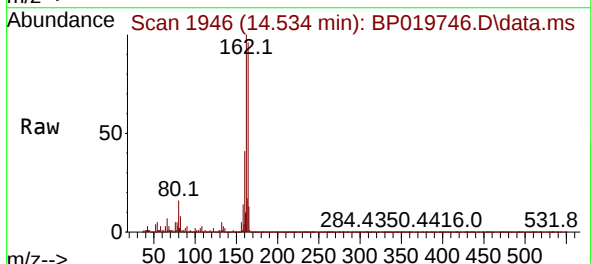
Instrument :
BNA_P
ClientSampleId :
TW-3

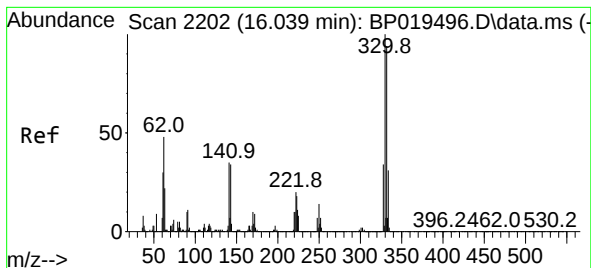
Tgt Ion: 82 Resp: 527844
Ion Ratio Lower Upper
82 100
128 39.0 29.7 44.5
54 44.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019746.D
Acq: 16 Feb 2024 15:50

Tgt Ion:164 Resp: 146561
Ion Ratio Lower Upper
164 100
162 103.8 81.2 121.8
160 42.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 174.297 ng

RT: 16.040 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019746.D

Acq: 16 Feb 2024 15:50

Instrument :

BNA_P

ClientSampleId :

TW-3

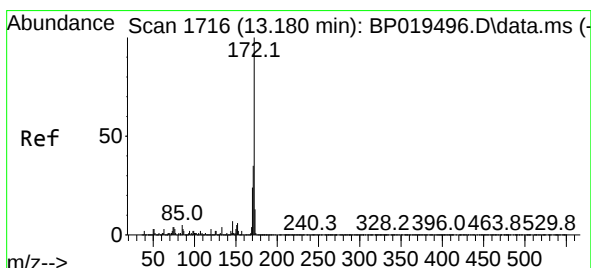
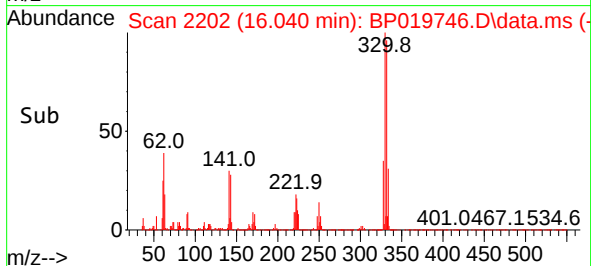
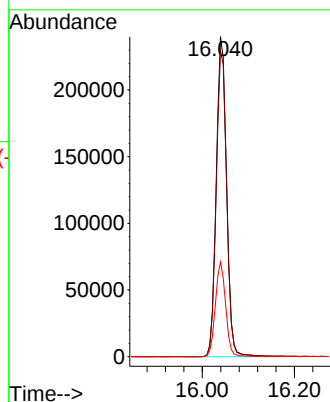
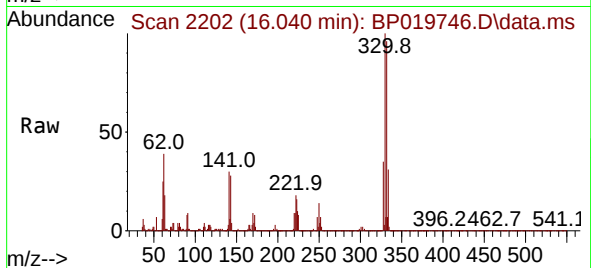
Tgt Ion:330 Resp: 372978

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 29.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 97.993 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019746.D

Acq: 16 Feb 2024 15:50

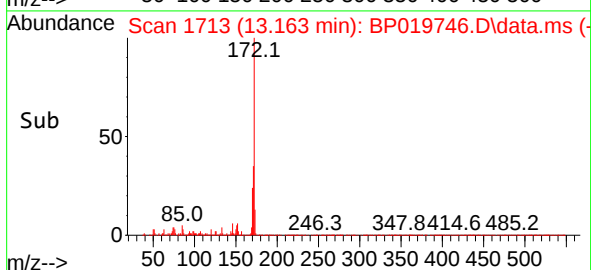
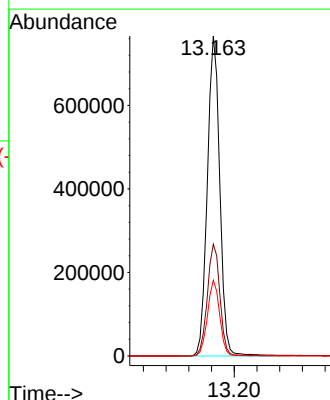
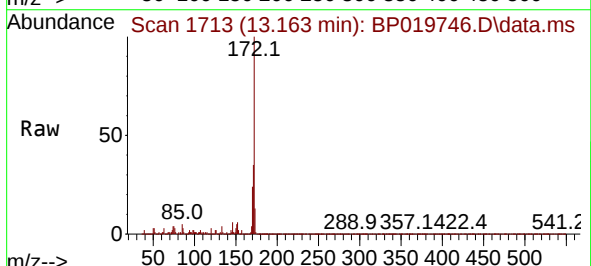
Tgt Ion:172 Resp: 1161750

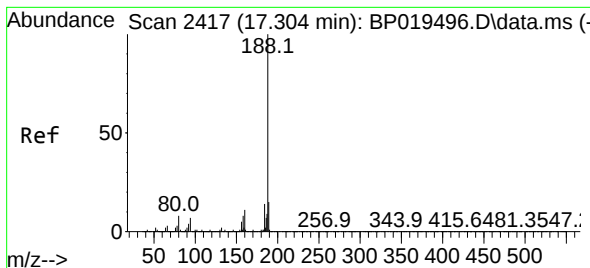
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP019746.D

Acq: 16 Feb 2024 15:50

Instrument :

BNA_P

ClientSampleId :

TW-3

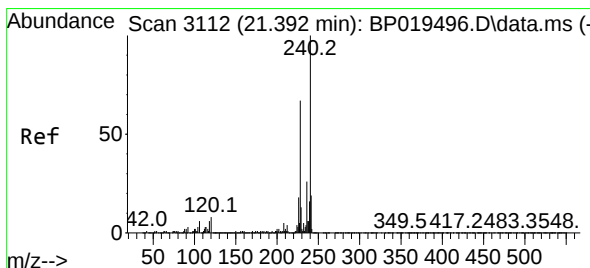
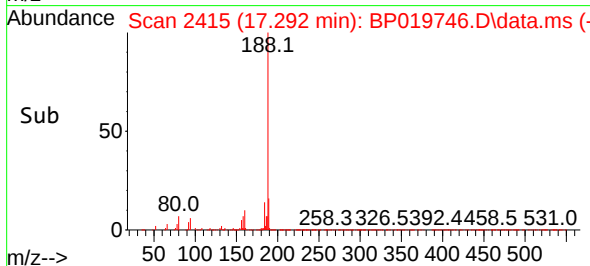
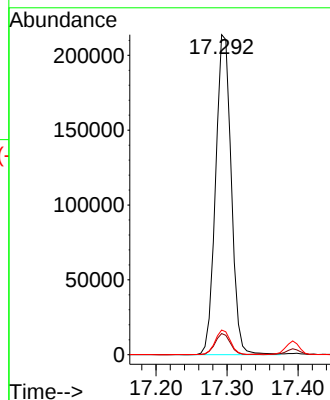
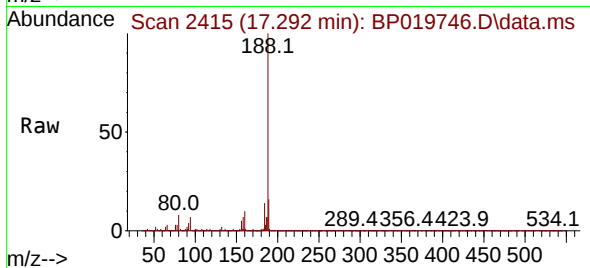
Tgt Ion:188 Resp: 325660

Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.2

80 7.7 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019746.D

Acq: 16 Feb 2024 15:50

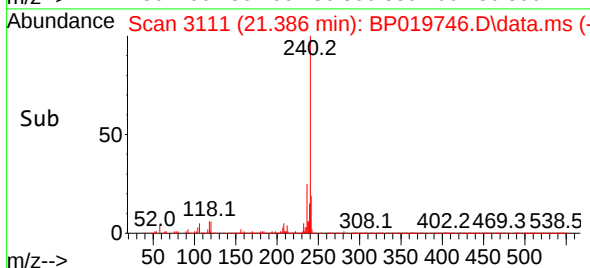
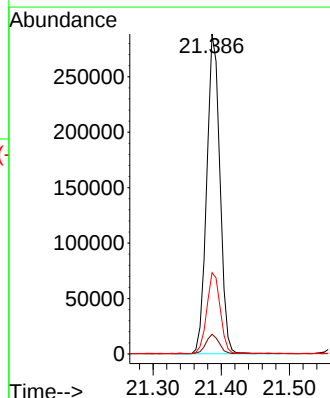
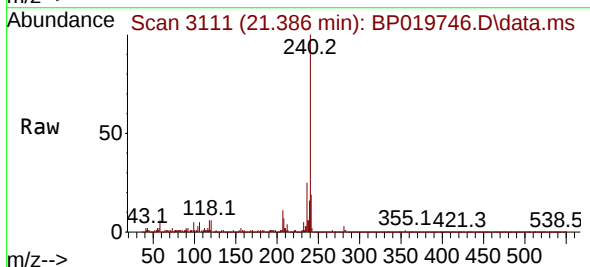
Tgt Ion:240 Resp: 387520

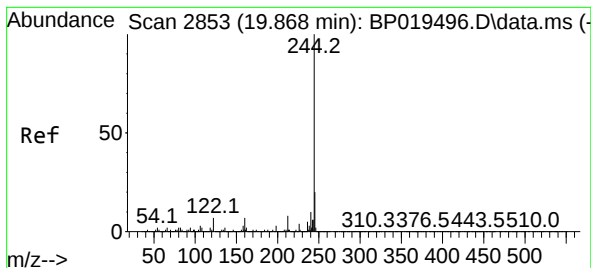
Ion Ratio Lower Upper

240 100

120 6.1 6.1 9.1

236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 90.865 ng

RT: 19.863 min Scan# 2141151

Delta R.T. -0.006 min

Lab File: BP019746.D

Acq: 16 Feb 2024 15:50

Instrument :

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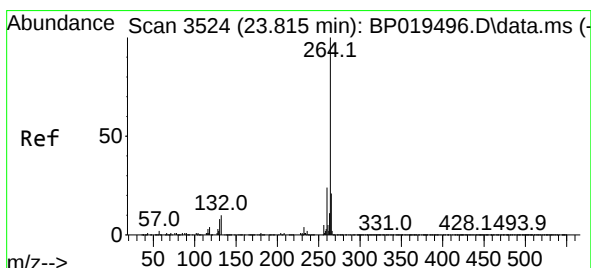
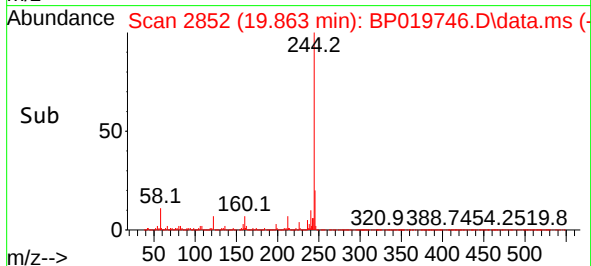
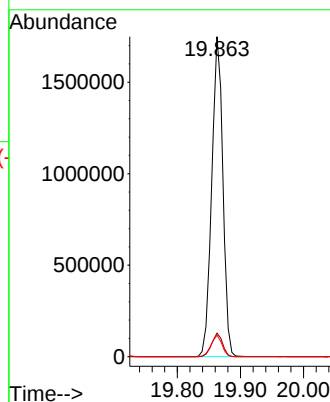
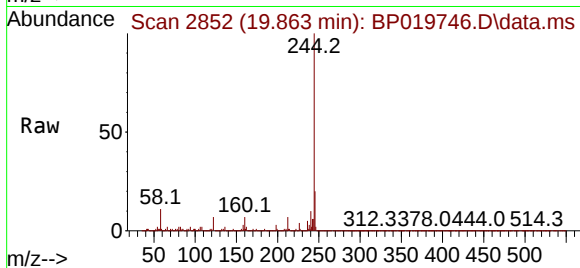
Tgt Ion:244 Resp: 2141151

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.7 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019746.D

Acq: 16 Feb 2024 15:50

Tgt Ion:264 Resp: 459993

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.3 17.0 25.4

