

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
 Data File : BP019945.D
 Acq On : 29 Feb 2024 19:40
 Operator : MA/JU
 Sample : P1620-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-2

Quant Time: Mar 01 03:43:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 29 12:18:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	95365	20.000	ng	-0.02
21) Naphthalene-d8	10.693	136	369460	20.000	ng	-0.02
39) Acenaphthene-d10	14.540	164	268260	20.000	ng	-0.02
64) Phenanthrene-d10	17.304	188	631846	20.000	ng	-0.02
76) Chrysene-d12	21.404	240	563317	20.000	ng	-0.02
86) Perylene-d12	23.827	264	537604	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	452966	77.962	ng	-0.02
7) Phenol-d6	7.069	99	631201	72.968	ng	-0.02
23) Nitrobenzene-d5	9.069	82	444190	48.537	ng	-0.02
42) 2,4,6-Tribromophenol	16.039	330	359695	78.199	ng	-0.02
45) 2-Fluorobiphenyl	13.163	172	1034984	52.128	ng	-0.02
79) Terphenyl-d14	19.875	244	2082550	58.269	ng	-0.02

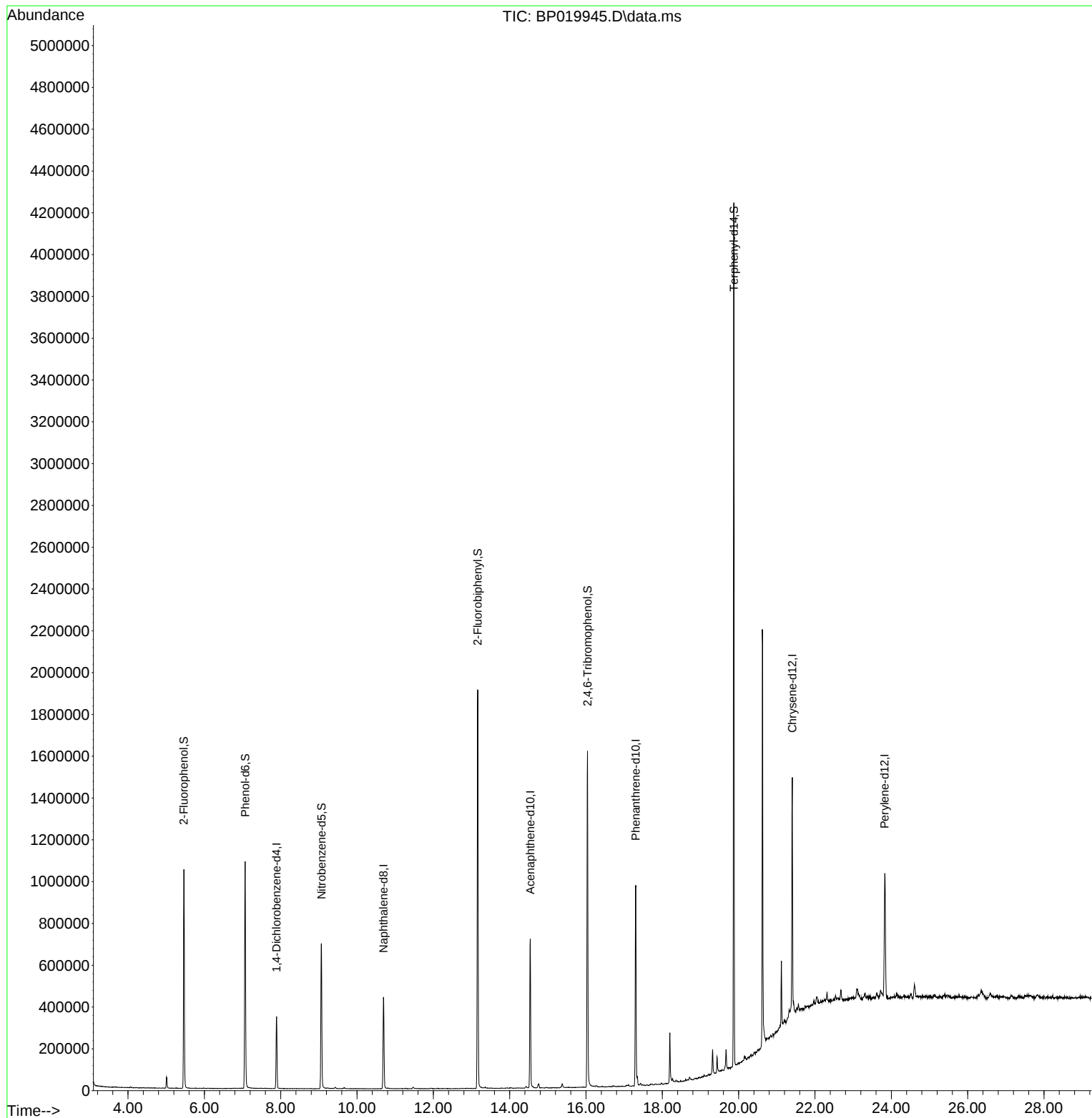
Target Compounds	Qvalue

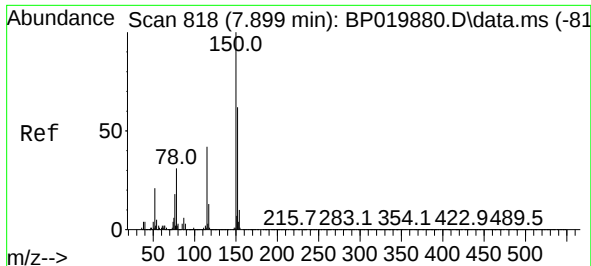
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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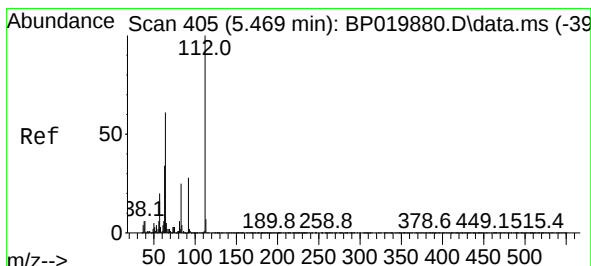
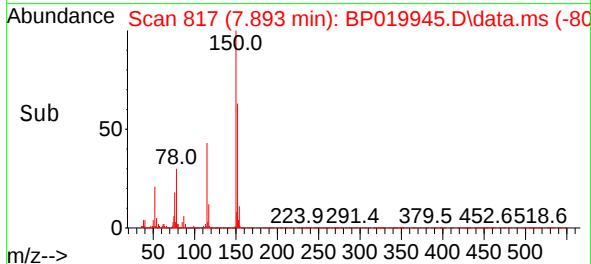
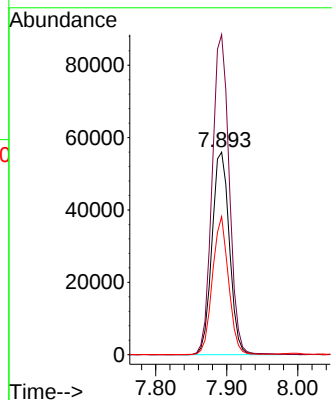
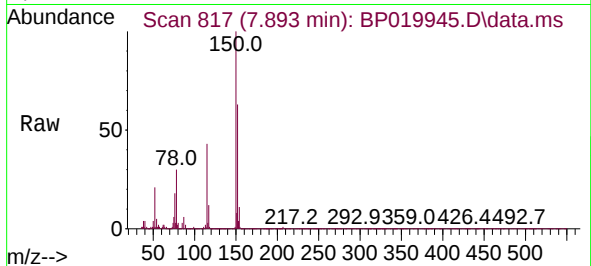




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019945.D
Acq: 29 Feb 2024 19:40

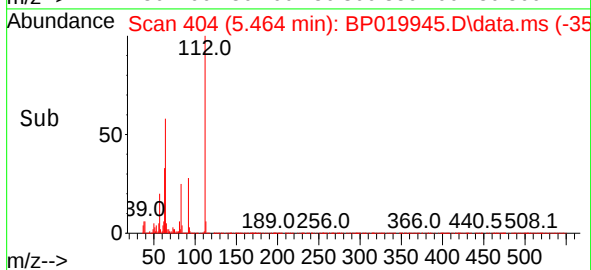
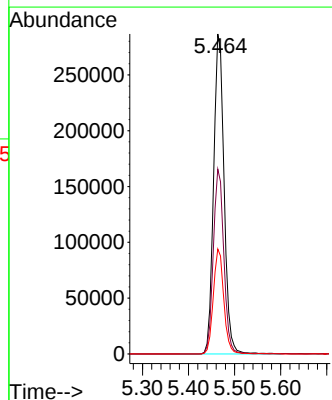
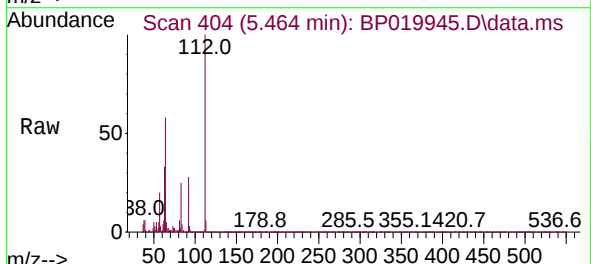
Instrument :
BNA_P
ClientSampleId :
SP-2

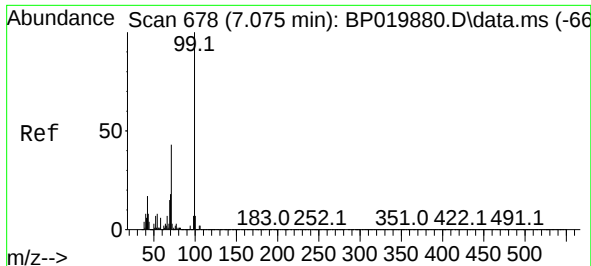
Tgt Ion:152 Resp: 95365
Ion Ratio Lower Upper
152 100
150 158.0 128.6 192.8
115 68.2 53.4 80.2



#5
2-Fluorophenol
Concen: 77.962 ng
RT: 5.464 min Scan# 404
Delta R.T. -0.018 min
Lab File: BP019945.D
Acq: 29 Feb 2024 19:40

Tgt Ion:112 Resp: 452966
Ion Ratio Lower Upper
112 100
64 57.8 49.0 73.6
63 32.8 27.6 41.4

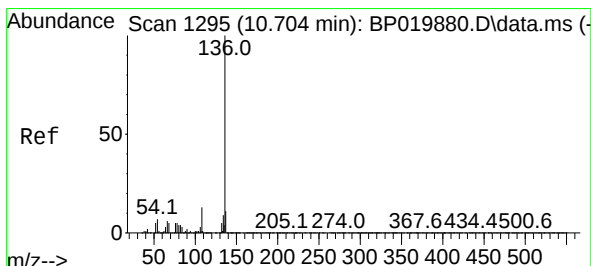
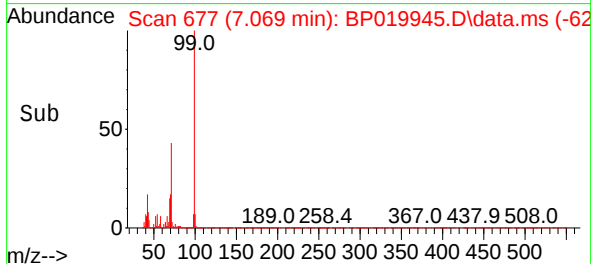
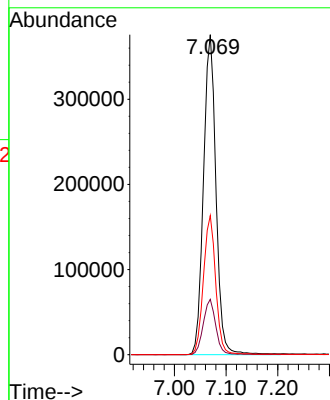
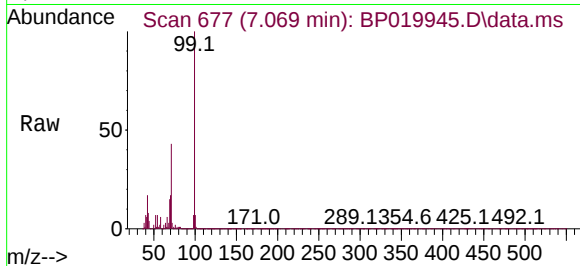




#7
Phenol-d6
Concen: 72.968 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP019945.D
Acq: 29 Feb 2024 19:40

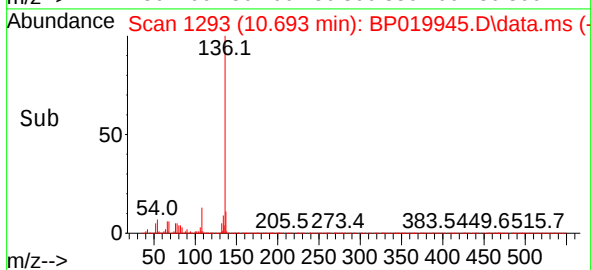
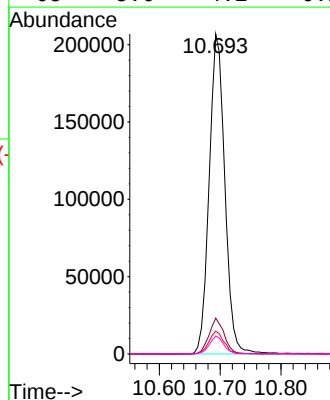
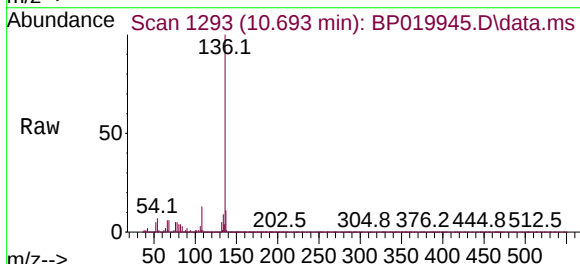
Instrument :
BNA_P
ClientSampleId :
SP-2

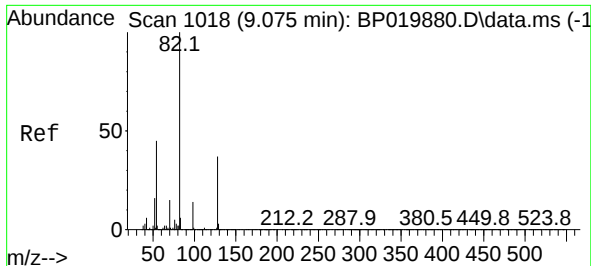
Tgt Ion: 99 Resp: 631201
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.8
71 43.4 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.023 min
Lab File: BP019945.D
Acq: 29 Feb 2024 19:40

Tgt Ion: 136 Resp: 369460
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.1 6.0 9.0
68 5.6 4.2 6.2





#23

Nitrobenzene-d5

Concen: 48.537 ng

RT: 9.069 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BP019945.D

Acq: 29 Feb 2024 19:40

Instrument :

BNA_P

ClientSampleId :

SP-2

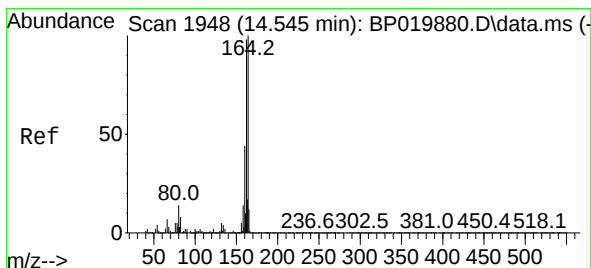
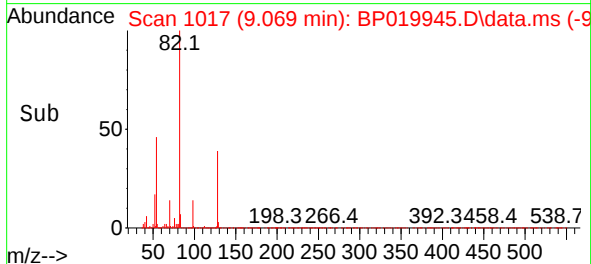
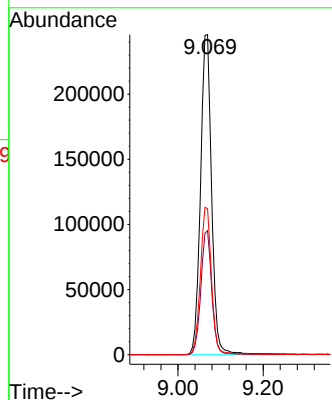
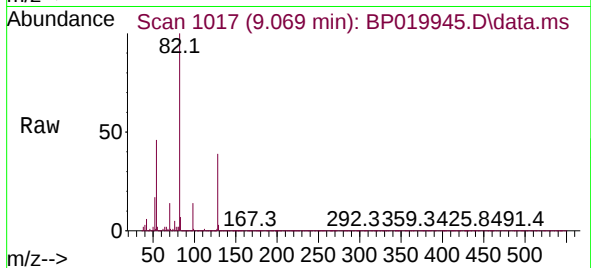
Tgt Ion: 82 Resp: 444190

Ion Ratio Lower Upper

82 100

128 38.8 29.6 44.4

54 45.6 36.3 54.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 1947

Delta R.T. -0.018 min

Lab File: BP019945.D

Acq: 29 Feb 2024 19:40

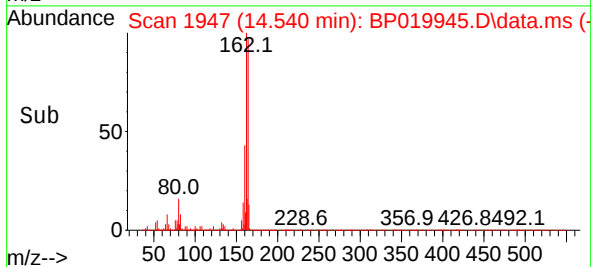
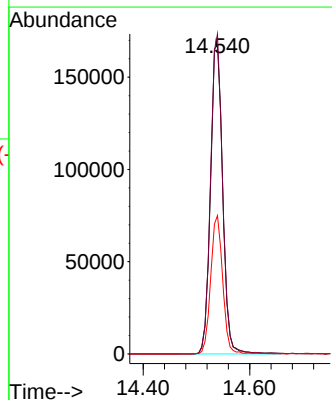
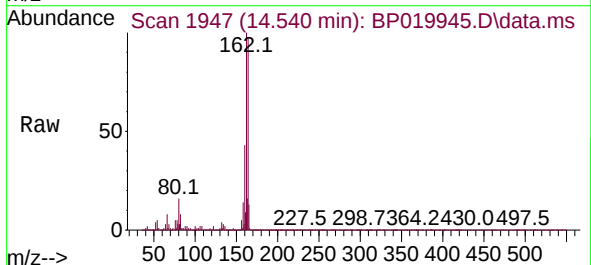
Tgt Ion: 164 Resp: 268260

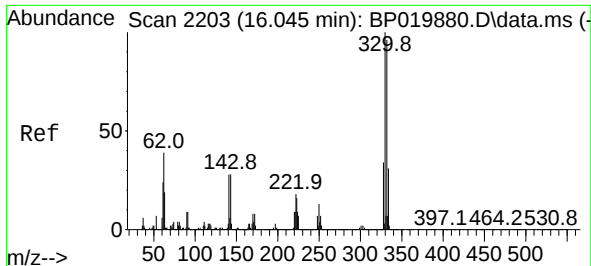
Ion Ratio Lower Upper

164 100

162 103.6 78.1 117.1

160 44.8 35.3 52.9

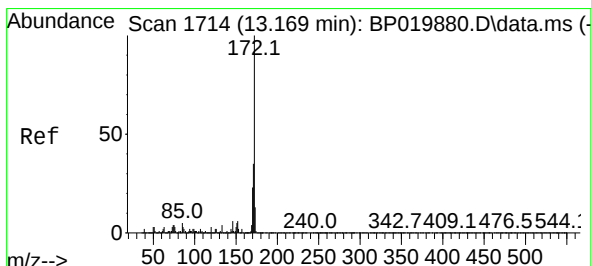
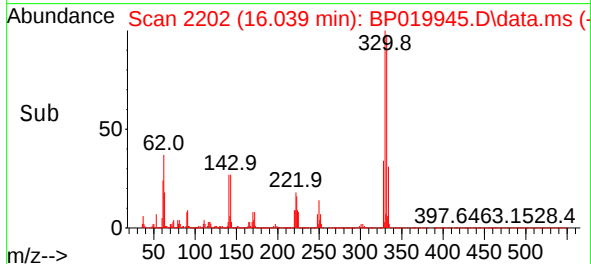
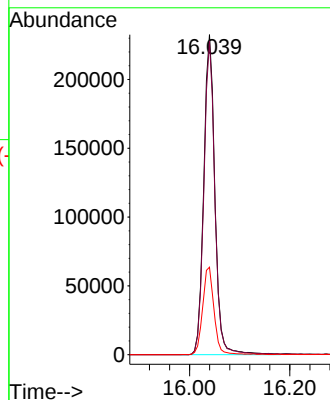
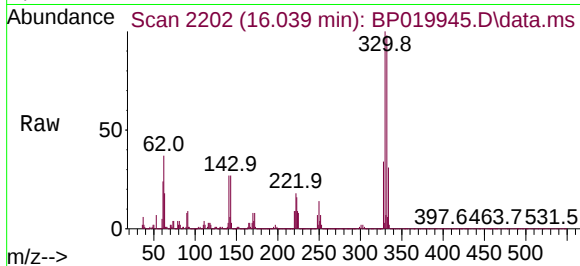




#42
2,4,6-Tribromophenol
Concen: 78.199 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP019945.D
Acq: 29 Feb 2024 19:40

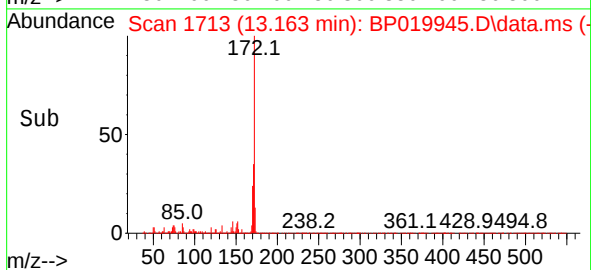
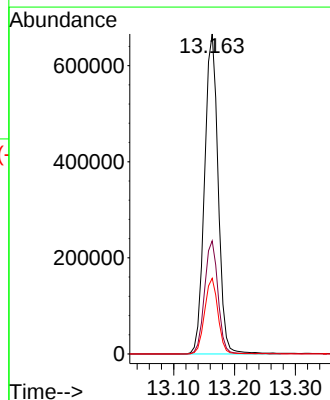
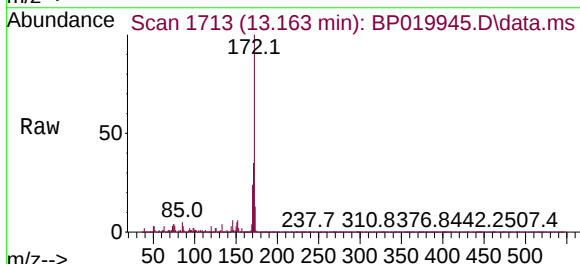
Instrument :
BNA_P
ClientSampleId :
SP-2

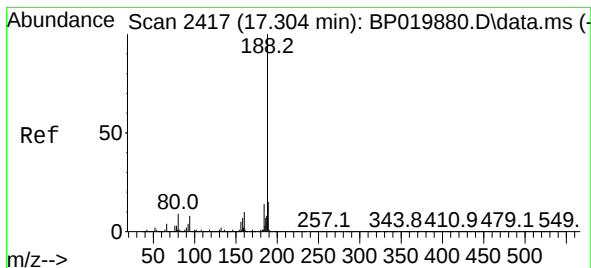
Tgt Ion:330 Resp: 359695
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 28.0 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 52.128 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.018 min
Lab File: BP019945.D
Acq: 29 Feb 2024 19:40

Tgt Ion:172 Resp: 1034984
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 23.6 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.018 min

Lab File: BP019945.D

Acq: 29 Feb 2024 19:40

Instrument :

BNA_P

ClientSampleId :

SP-2

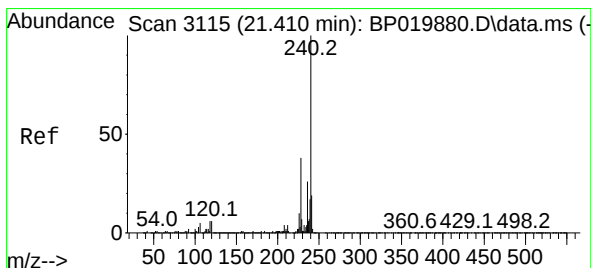
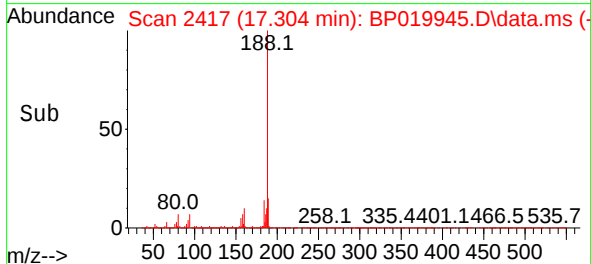
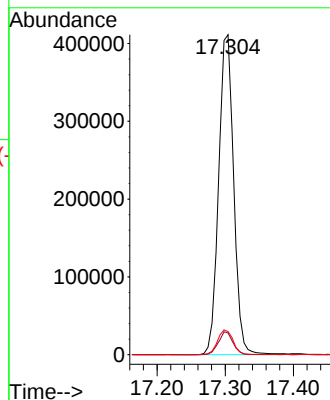
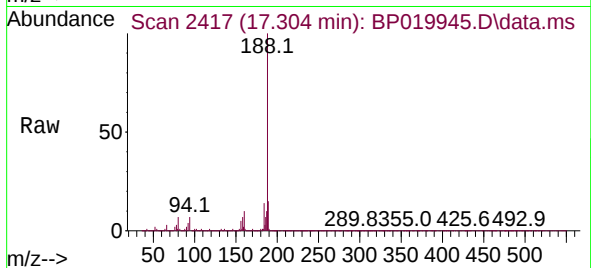
Tgt Ion:188 Resp: 631846

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

80 7.3 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3114

Delta R.T. -0.023 min

Lab File: BP019945.D

Acq: 29 Feb 2024 19:40

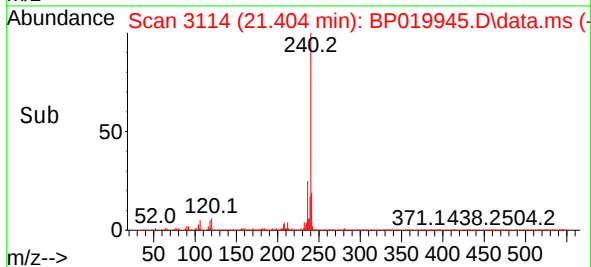
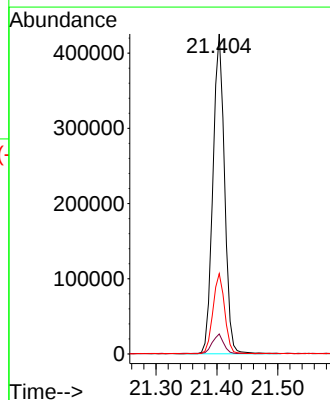
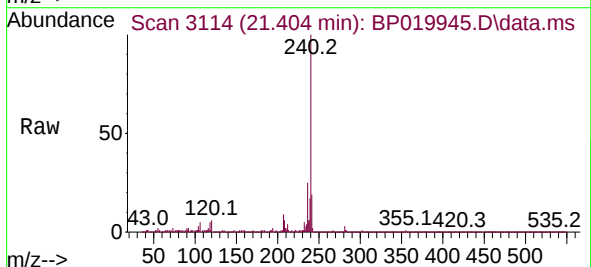
Tgt Ion:240 Resp: 563317

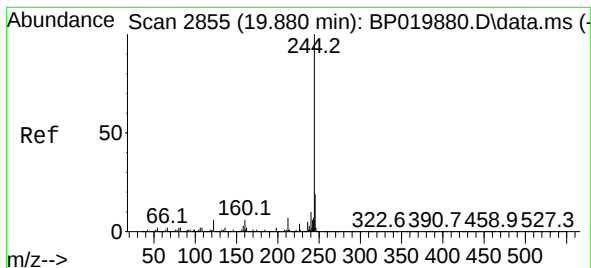
Ion Ratio Lower Upper

240 100

120 6.2 5.1 7.7

236 25.1 20.5 30.7





#79

Terphenyl-d14

Concen: 58.269 ng

RT: 19.875 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP019945.D

Acq: 29 Feb 2024 19:40

Instrument :

BNA_P

ClientSampleId :

SP-2

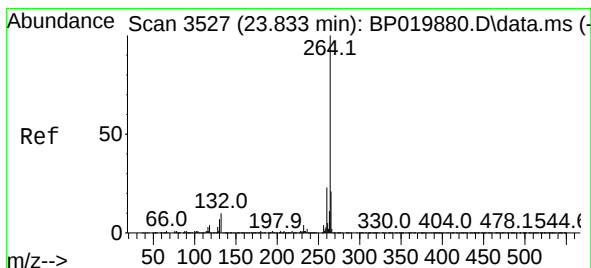
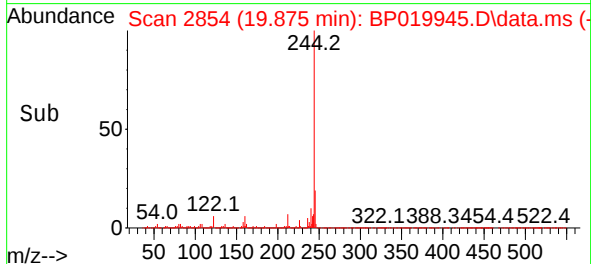
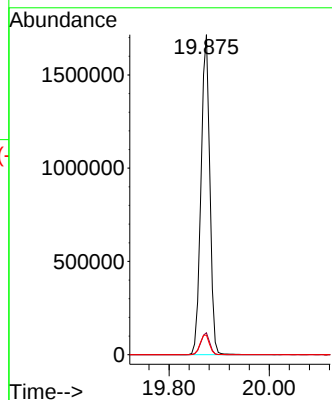
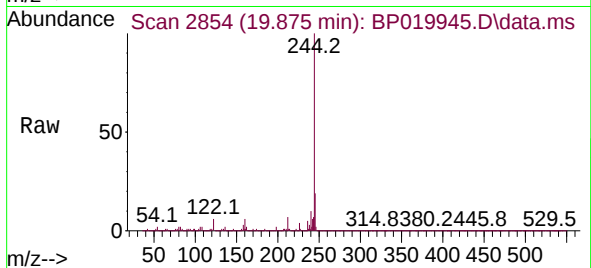
Tgt Ion:244 Resp: 2082550

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 6.1 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3526

Delta R.T. -0.041 min

Lab File: BP019945.D

Acq: 29 Feb 2024 19:40

Tgt Ion:264 Resp: 537604

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.9 17.4 26.2

