

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021324\
 Data File : BP019684.D
 Acq On : 13 Feb 2024 18:50
 Operator : MA/JU
 Sample : P1453-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: Feb 13 23:26:33 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	75884	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	276742	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	187826	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	454006	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	467306	20.000	ng	# 0.00
86) Perylene-d12	23.810	264	550123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	597092	126.834	ng	0.00
7) Phenol-d6	7.075	99	789311	124.347	ng	-0.01
23) Nitrobenzene-d5	9.075	82	536945	84.073	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	491526	179.232	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1226478	80.724	ng	-0.02
79) Terphenyl-d14	19.863	244	2407388	84.721	ng	0.00

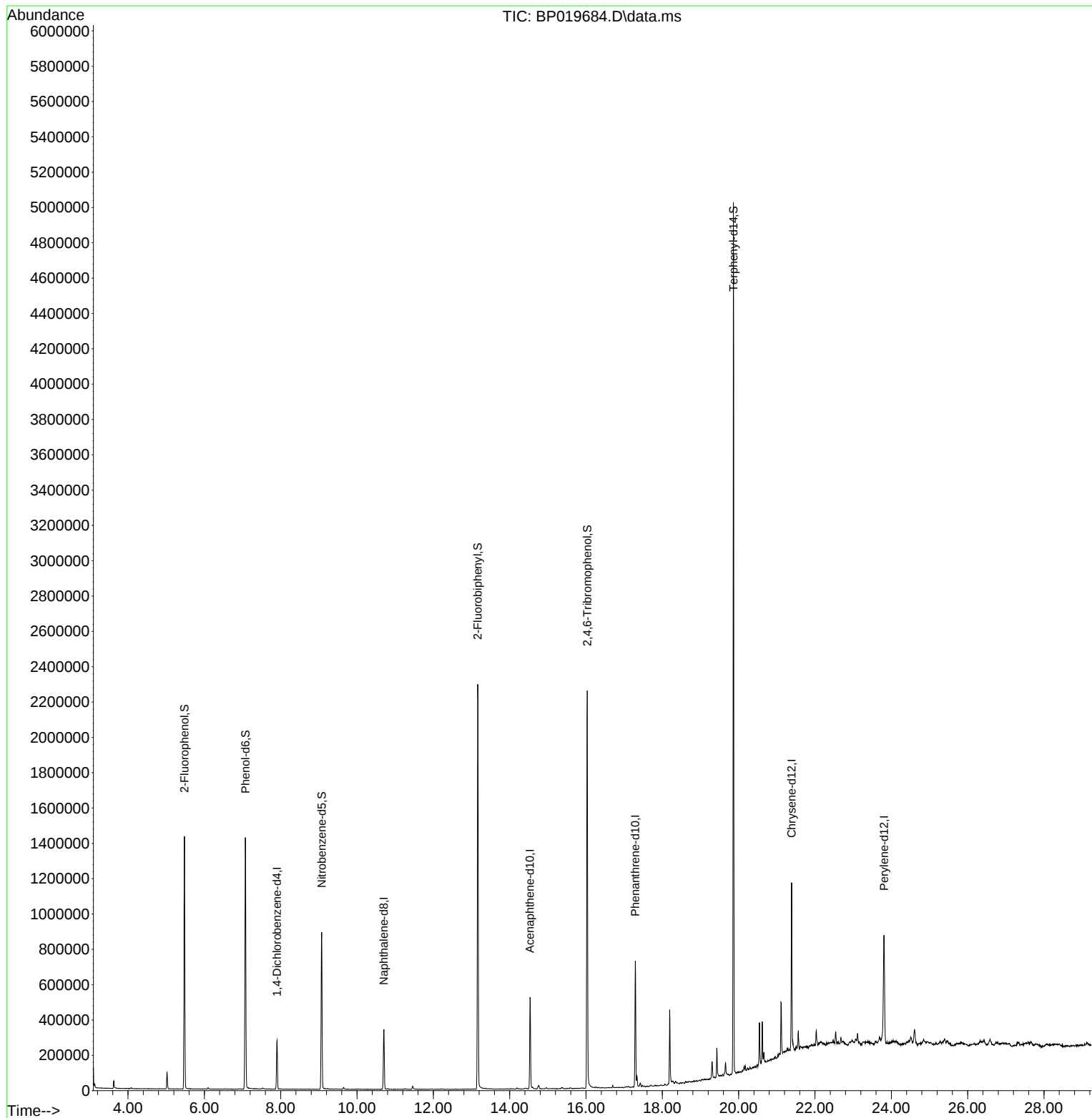
Target Compounds	Qvalue

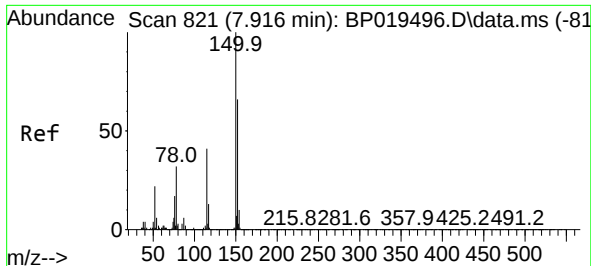
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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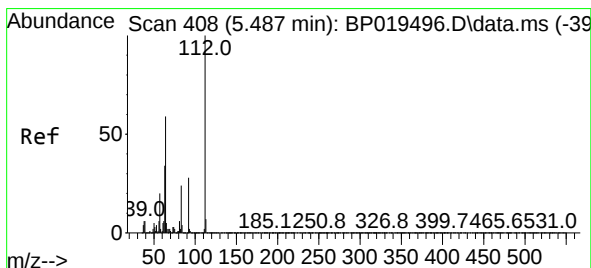
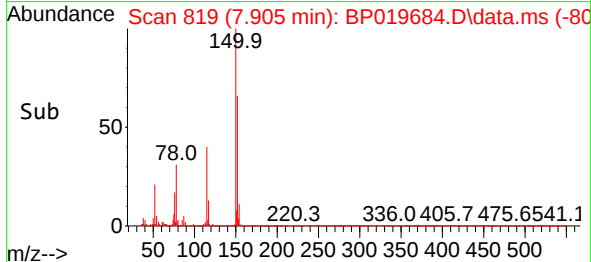
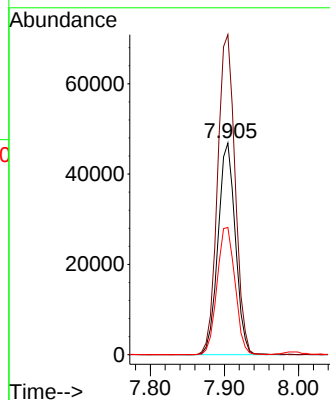
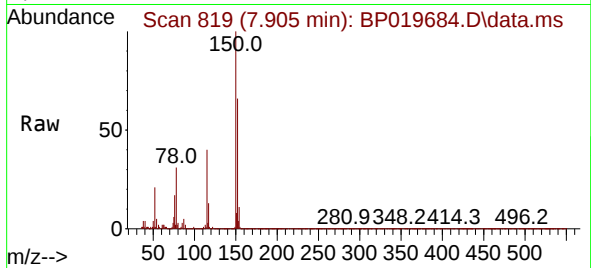




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019684.D
Acq: 13 Feb 2024 18:50

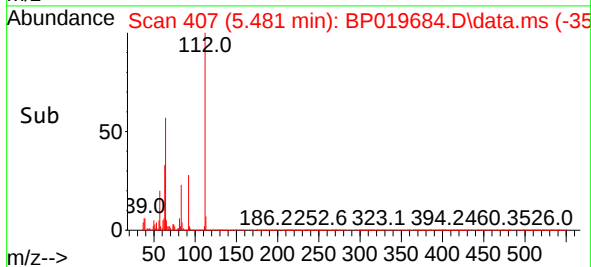
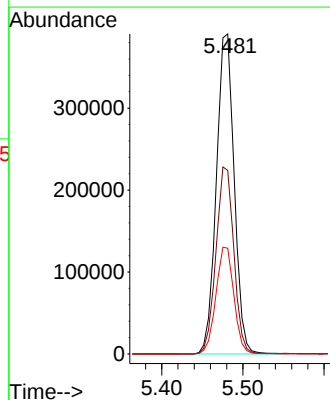
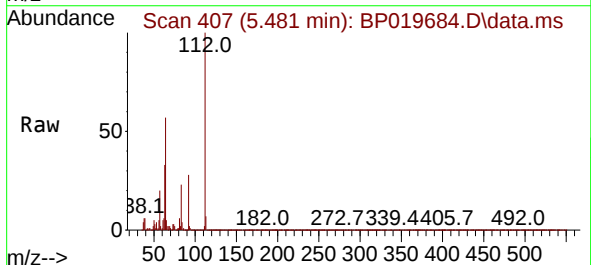
Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 75884
Ion Ratio Lower Upper
152 100
150 151.2 121.8 182.8
115 60.1 49.9 74.9



#5
2-Fluorophenol
Concen: 126.834 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019684.D
Acq: 13 Feb 2024 18:50

Tgt Ion:112 Resp: 597092
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.0
63 33.1 27.0 40.6

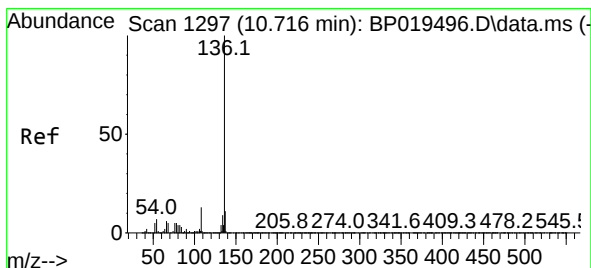
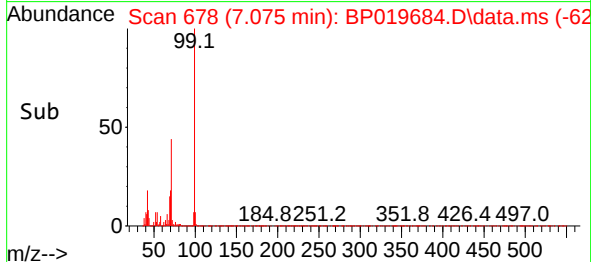
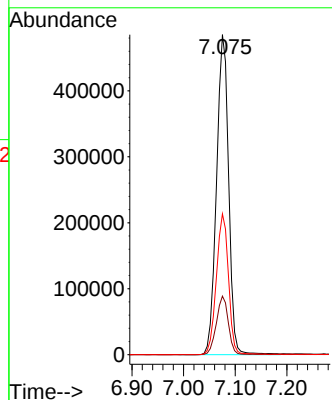
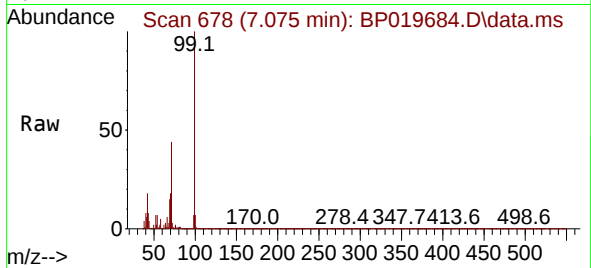




#7
Phenol-d6
Concen: 124.347 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019684.D
Acq: 13 Feb 2024 18:50

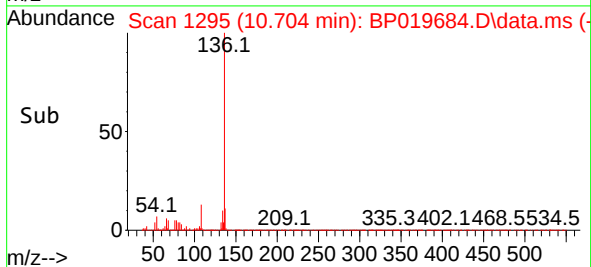
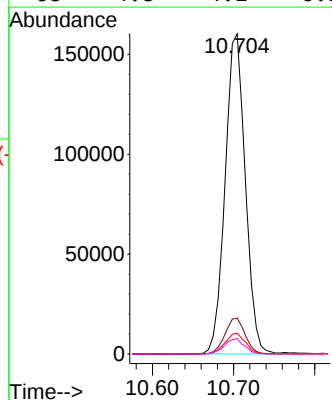
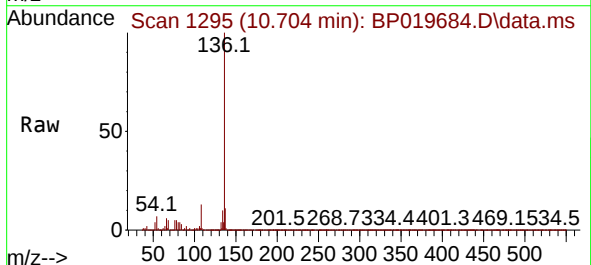
Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 789311
Ion Ratio Lower Upper
99 100
42 18.3 14.7 22.1
71 44.0 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019684.D
Acq: 13 Feb 2024 18:50

Tgt Ion: 136 Resp: 276742
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.5 5.3 7.9
68 4.8 4.1 6.1

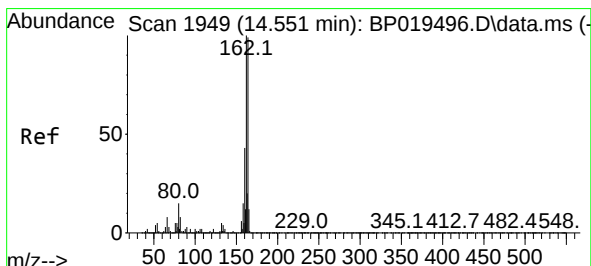
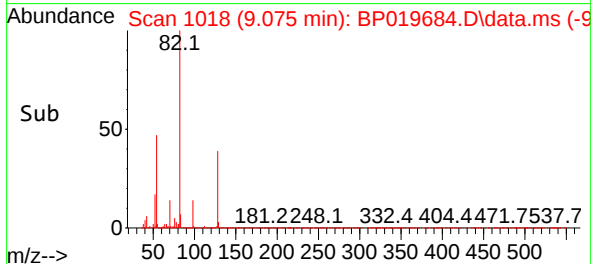
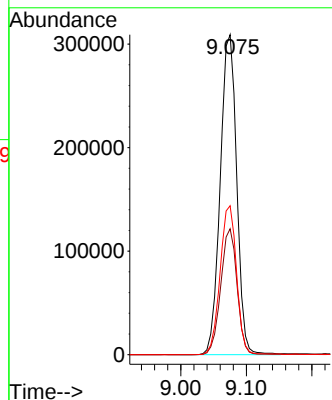
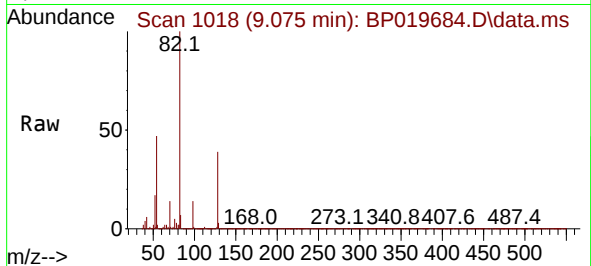




#23
Nitrobenzene-d5
Concen: 84.073 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019684.D
Acq: 13 Feb 2024 18:50

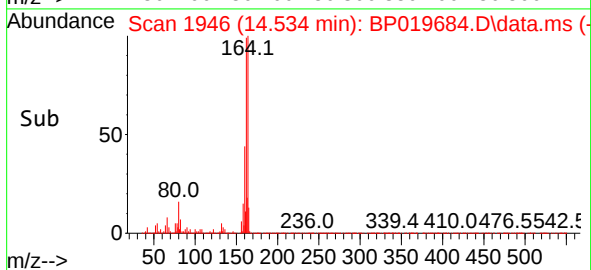
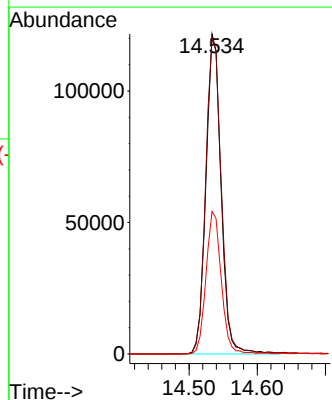
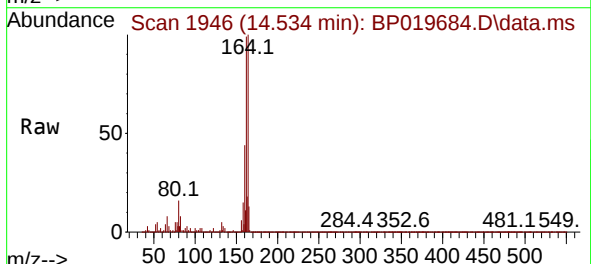
Instrument :
BNA_P
ClientSampleId :
TP-3

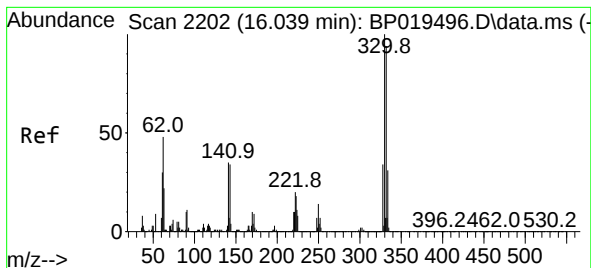
Tgt Ion: 82 Resp: 536945
Ion Ratio Lower Upper
82 100
128 39.4 29.7 44.5
54 46.6 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019684.D
Acq: 13 Feb 2024 18:50

Tgt Ion: 164 Resp: 187826
Ion Ratio Lower Upper
164 100
162 98.8 81.2 121.8
160 44.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 179.232 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019684.D

Acq: 13 Feb 2024 18:50

Instrument :

BNA_P

ClientSampleId :

TP-3

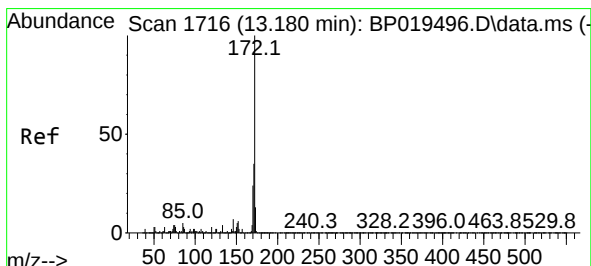
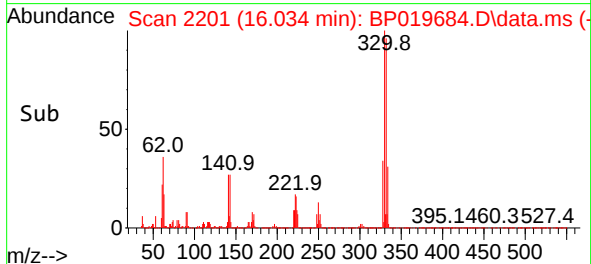
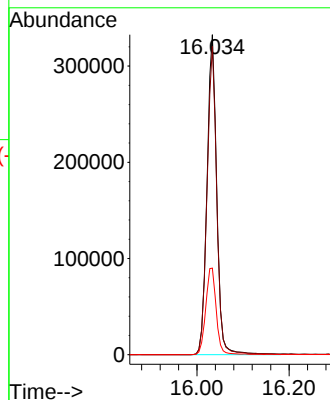
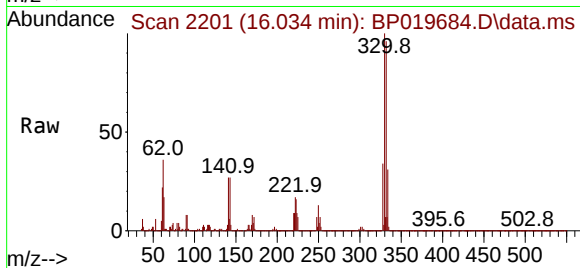
Tgt Ion:330 Resp: 491526

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 29.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 80.724 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019684.D

Acq: 13 Feb 2024 18:50

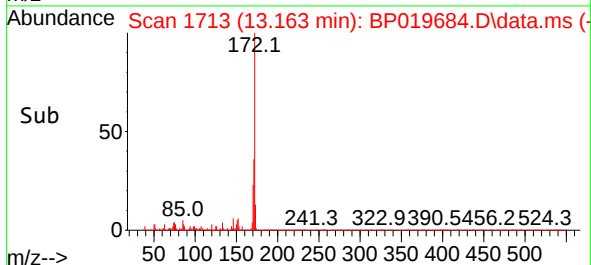
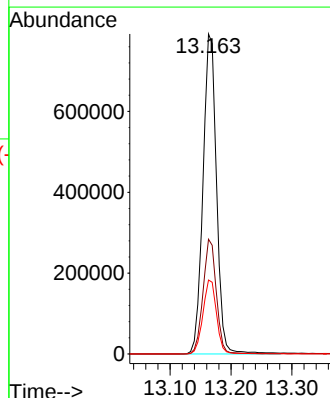
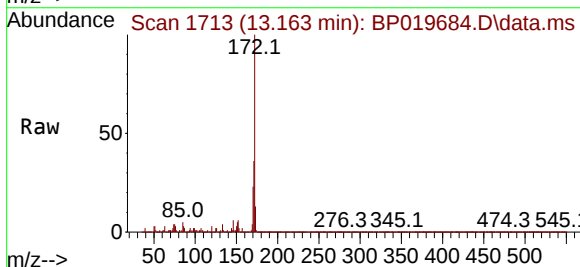
Tgt Ion:172 Resp: 1226478

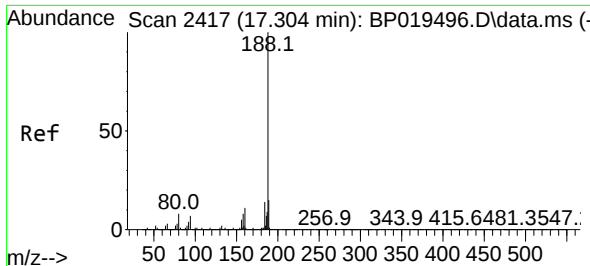
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.1 18.9 28.3

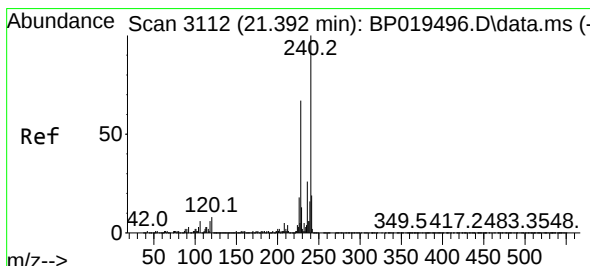
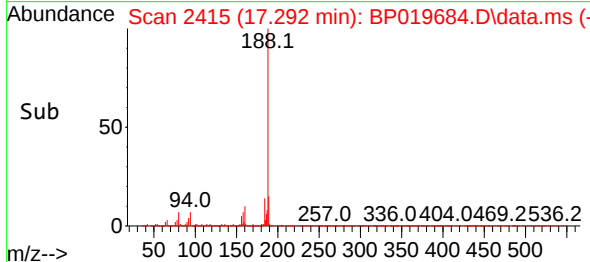
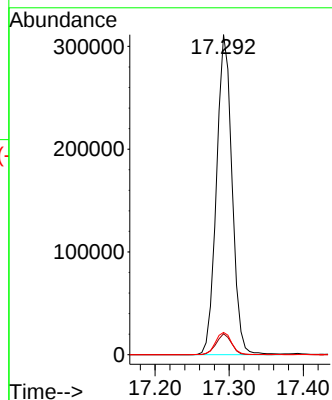
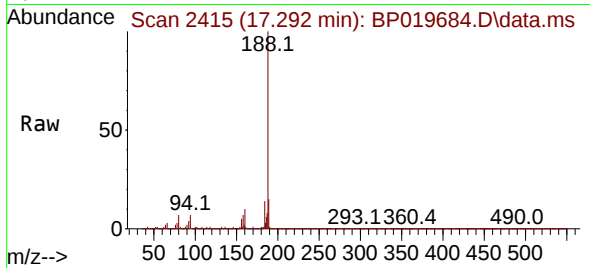




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019684.D
Acq: 13 Feb 2024 18:50

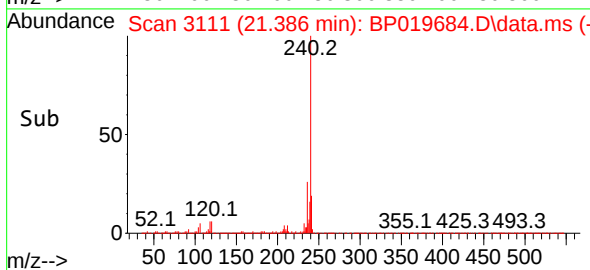
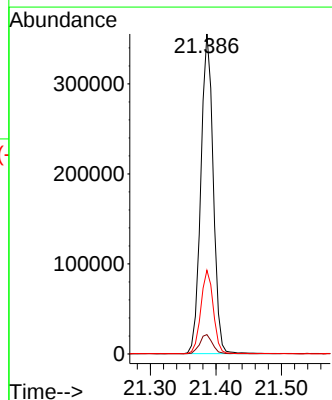
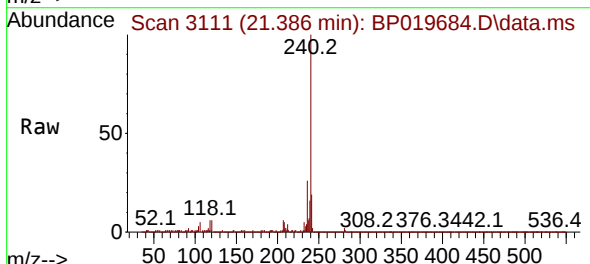
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:188 Resp: 454006
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.2
80 6.9 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP019684.D
Acq: 13 Feb 2024 18:50

Tgt Ion:240 Resp: 467306
Ion Ratio Lower Upper
240 100
120 6.1 6.1 9.1#
236 26.2 20.7 31.1

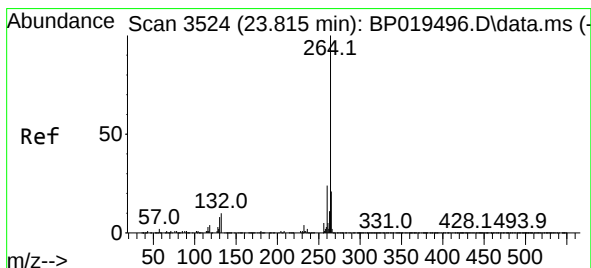
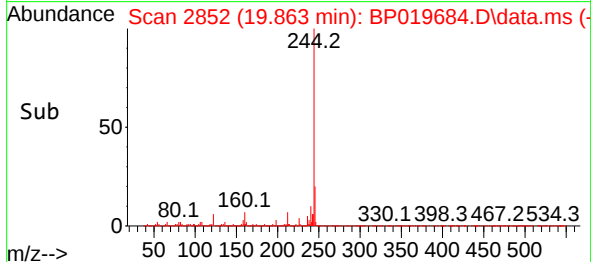
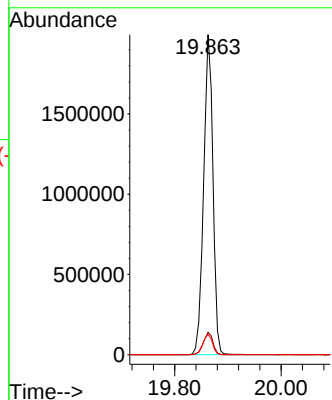
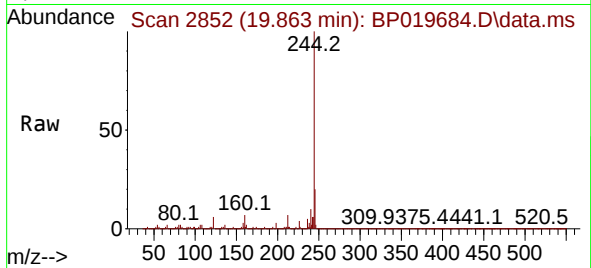




#79
Terphenyl-d14
Concen: 84.721 ng
RT: 19.863 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019684.D
Acq: 13 Feb 2024 18:50

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:244 Resp: 2407388
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 6.4 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: BP019684.D
Acq: 13 Feb 2024 18:50

Tgt Ion:264 Resp: 550123
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.7 17.0 25.4

