

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019703.D
 Acq On : 14 Feb 2024 16:05
 Operator : MA/JU
 Sample : P1461-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Feb 14 16:38:36 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)

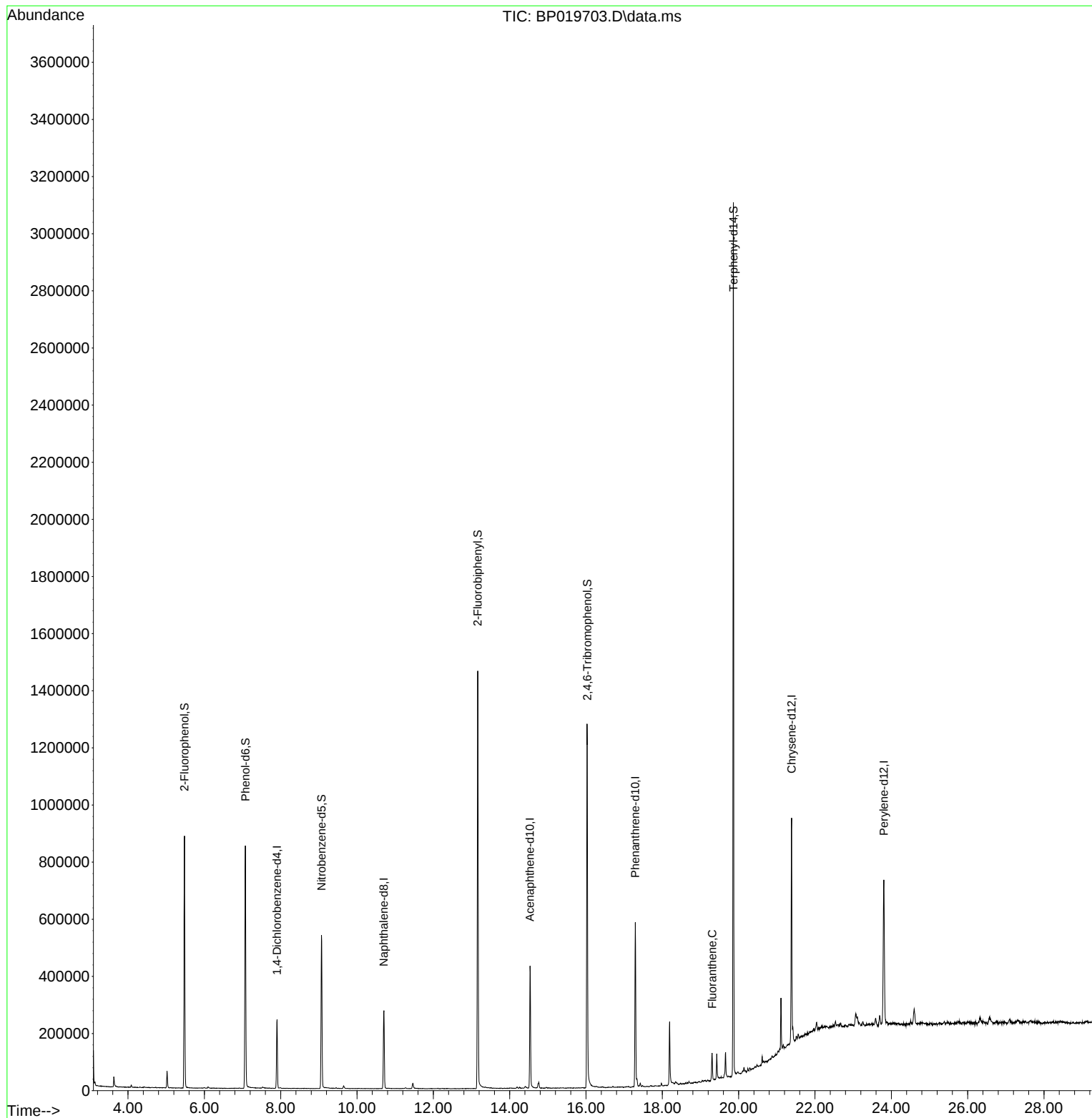
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	63696	20.000	ng	-0.01
21) Naphthalene-d8	10.705	136	232083	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	156695	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	375391	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	393519	20.000	ng	0.00
86) Perylene-d12	23.804	264	437953	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	369468	93.499	ng	0.00
7) Phenol-d6	7.075	99	472890	88.753	ng	-0.01
23) Nitrobenzene-d5	9.069	82	329875	61.590	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	282030	123.272	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	782891	61.765	ng	-0.02
79) Terphenyl-d14	19.863	244	1568433	65.546	ng	0.00
Target Compounds						
75) Fluoranthene	19.304	202	56194	2.328	ng	Qvalue 98

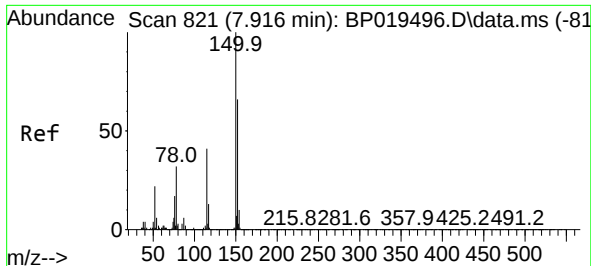
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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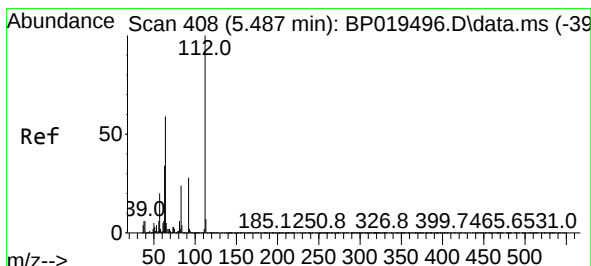
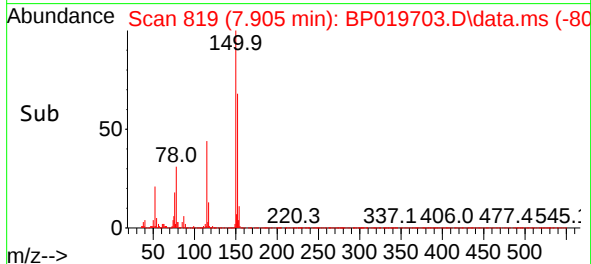
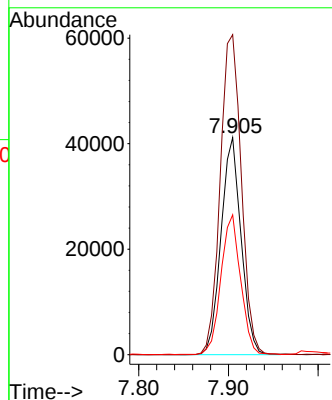
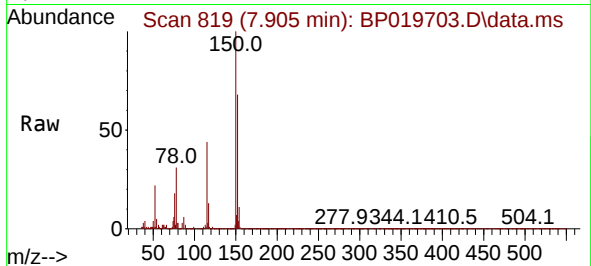




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019703.D
Acq: 14 Feb 2024 16:05

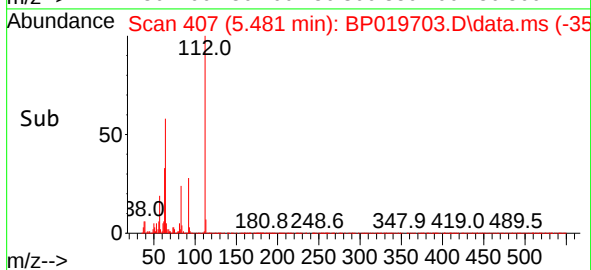
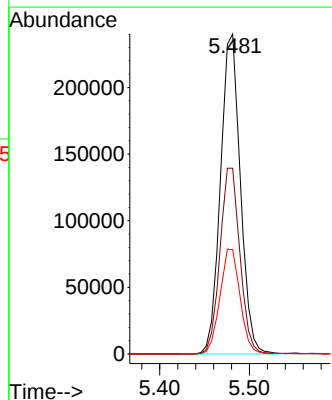
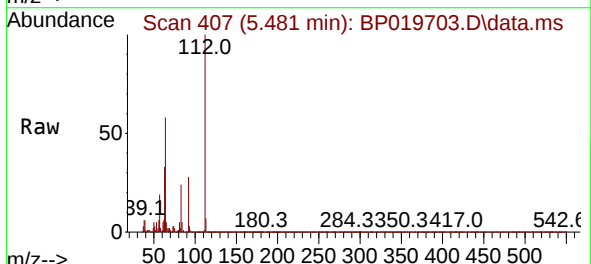
Instrument :
BNA_P
ClientSampleId :
TP-1

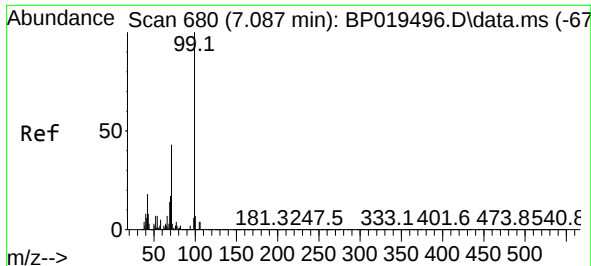
Tgt Ion:152 Resp: 63696
Ion Ratio Lower Upper
152 100
150 147.3 121.8 182.8
115 64.3 49.9 74.9



#5
2-Fluorophenol
Concen: 93.499 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019703.D
Acq: 14 Feb 2024 16:05

Tgt Ion:112 Resp: 369468
Ion Ratio Lower Upper
112 100
64 58.1 47.4 71.0
63 32.6 27.0 40.6

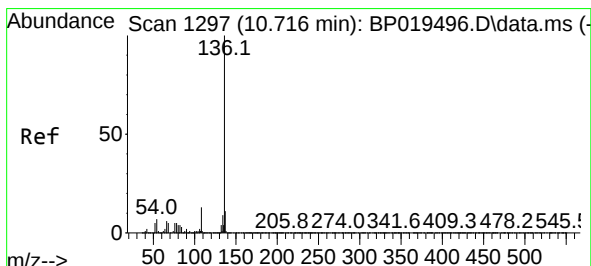
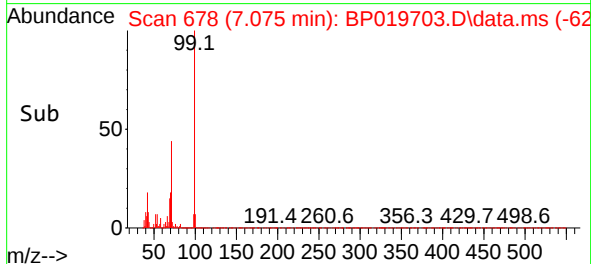
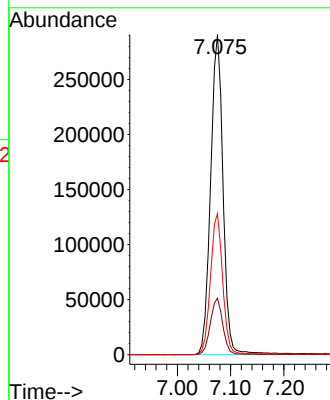
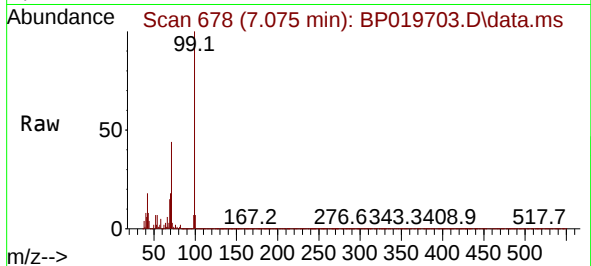




#7
Phenol-d6
Concen: 88.753 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019703.D
Acq: 14 Feb 2024 16:05

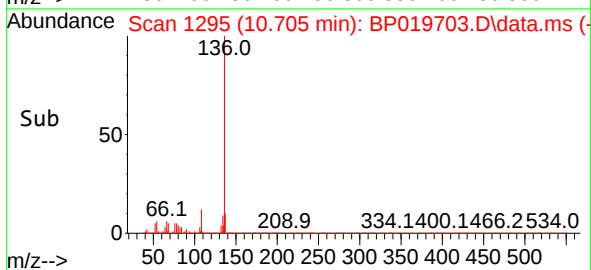
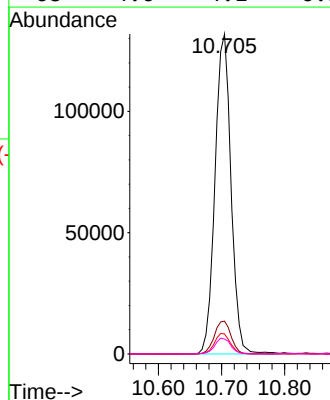
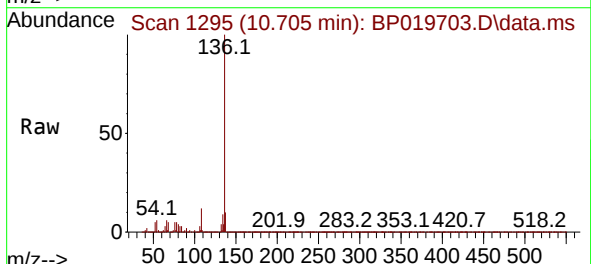
Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 472890
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 44.2 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019703.D
Acq: 14 Feb 2024 16:05

Tgt Ion: 136 Resp: 232083
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 6.3 5.3 7.9
68 4.6 4.1 6.1

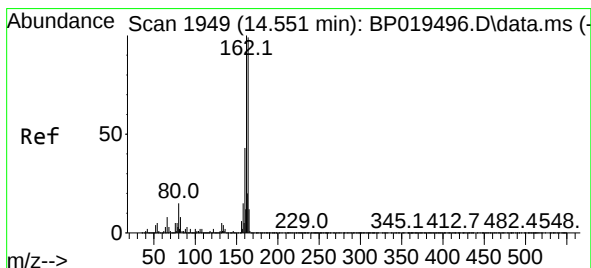
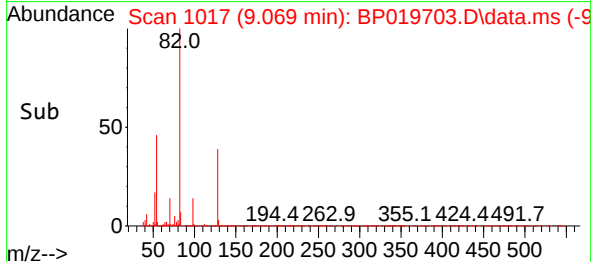
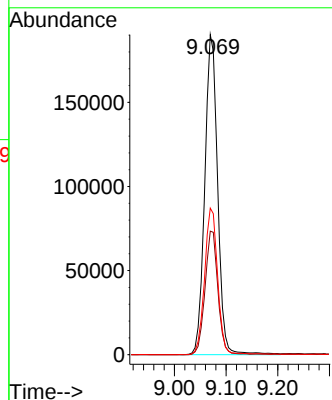
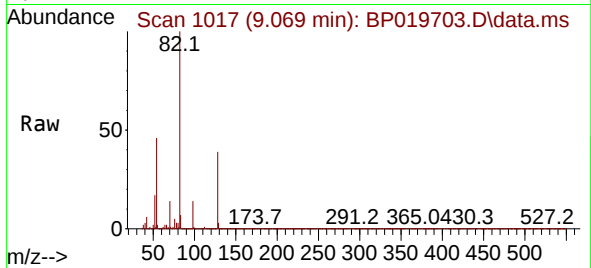




#23
Nitrobenzene-d5
Concen: 61.590 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP019703.D
Acq: 14 Feb 2024 16:05

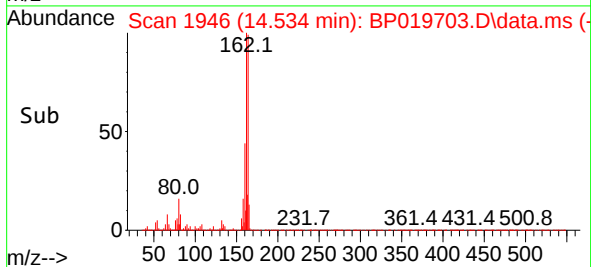
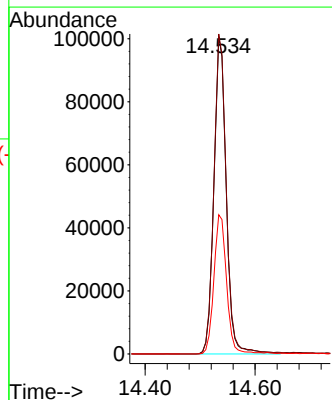
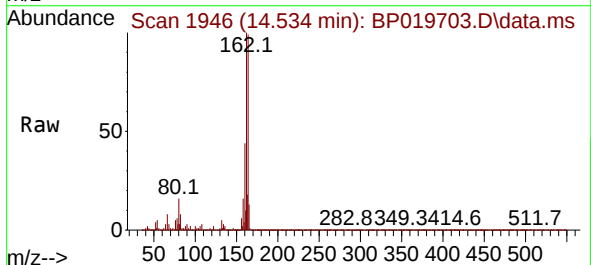
Instrument :
BNA_P
ClientSampleId :
TP-1

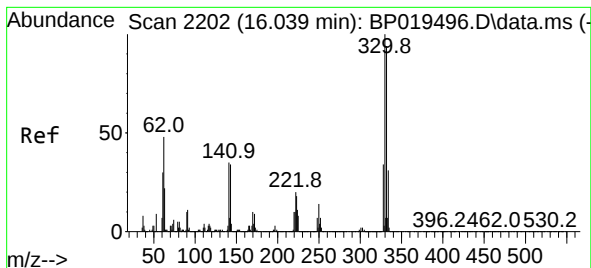
Tgt Ion: 82 Resp: 329875
Ion Ratio Lower Upper
82 100
128 38.6 29.7 44.5
54 45.8 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019703.D
Acq: 14 Feb 2024 16:05

Tgt Ion: 164 Resp: 156695
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 43.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 123.272 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019703.D

Acq: 14 Feb 2024 16:05

Instrument :

BNA_P

ClientSampleId :

TP-1

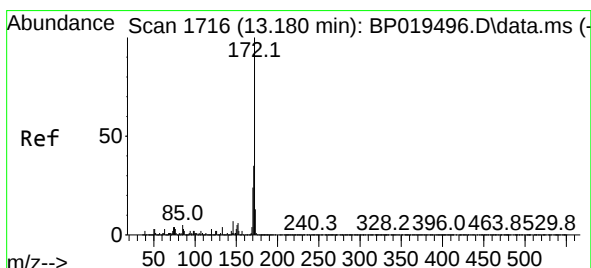
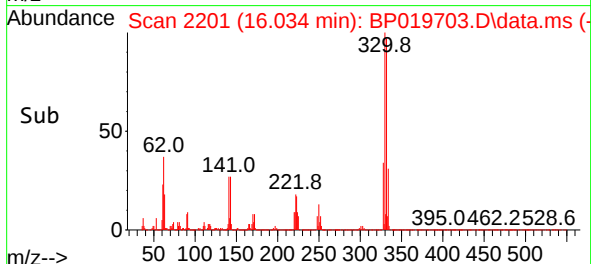
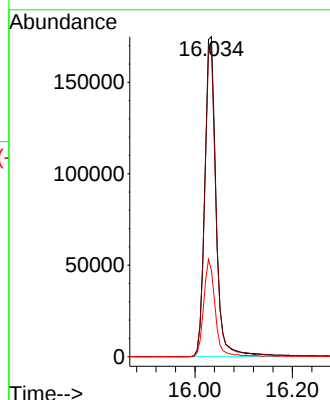
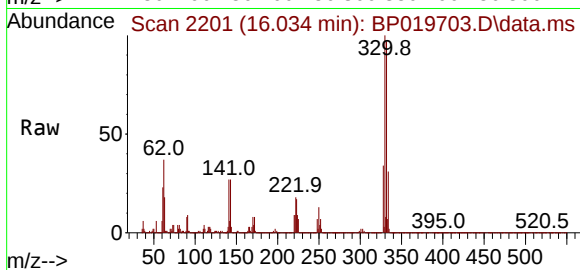
Tgt Ion:330 Resp: 282030

Ion Ratio Lower Upper

330 100

332 95.8 77.2 115.8

141 30.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 61.765 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019703.D

Acq: 14 Feb 2024 16:05

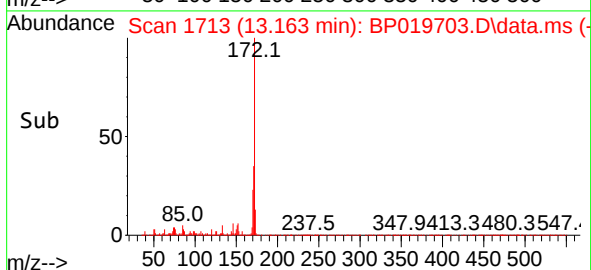
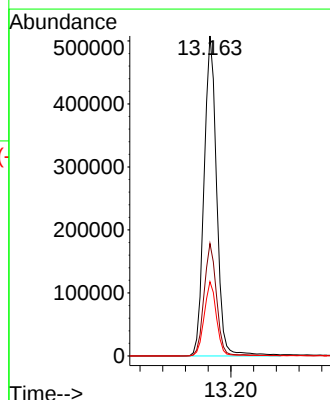
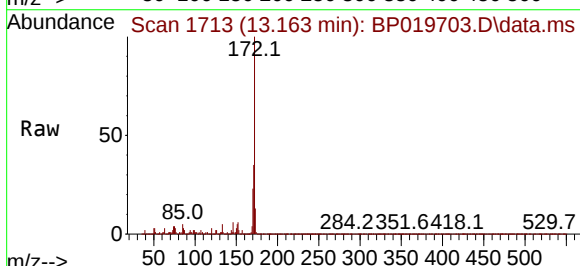
Tgt Ion:172 Resp: 782891

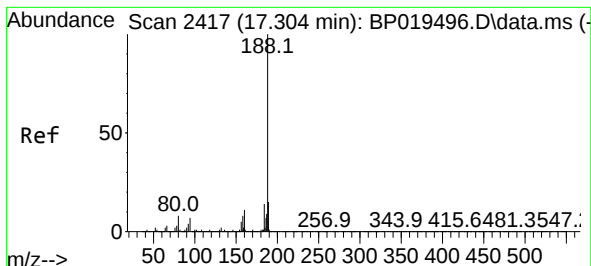
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019703.D

Acq: 14 Feb 2024 16:05

Instrument :

BNA_P

ClientSampleId :

TP-1

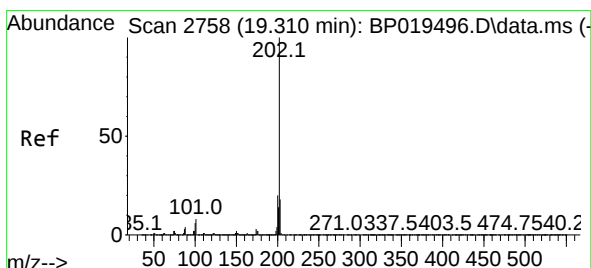
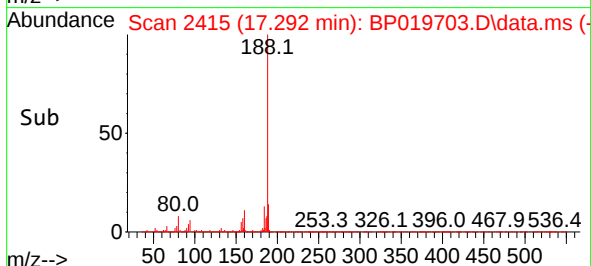
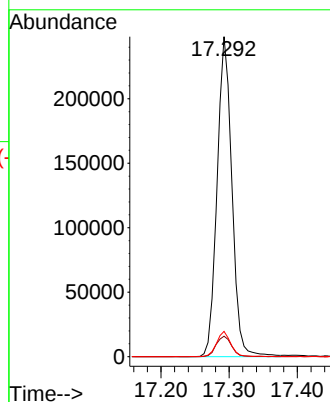
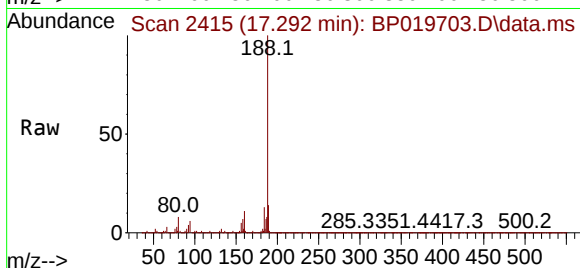
Tgt Ion:188 Resp: 375391

Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.2

80 7.9 6.3 9.5



#75

Fluoranthene

Concen: 2.328 ng

RT: 19.304 min Scan# 2757

Delta R.T. -0.005 min

Lab File: BP019703.D

Acq: 14 Feb 2024 16:05

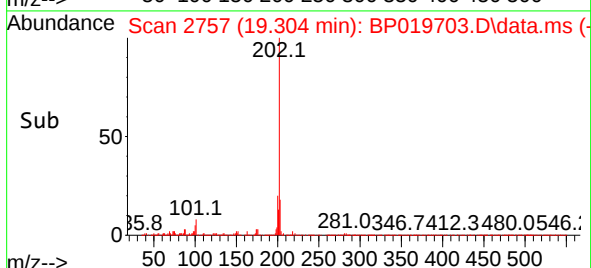
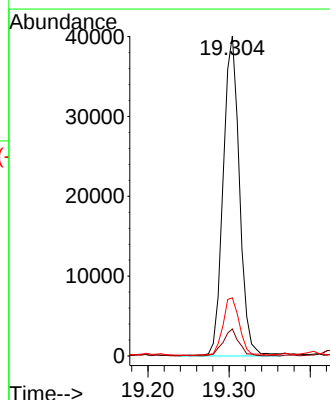
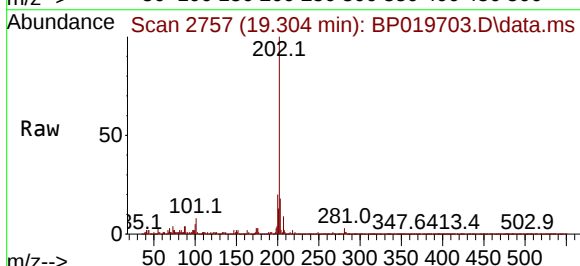
Tgt Ion:202 Resp: 56194

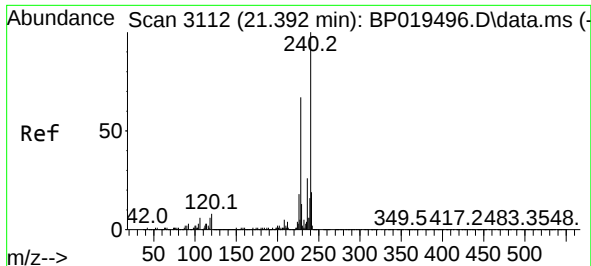
Ion Ratio Lower Upper

202 100

101 8.4 0.0 27.7

203 18.2 0.0 37.5

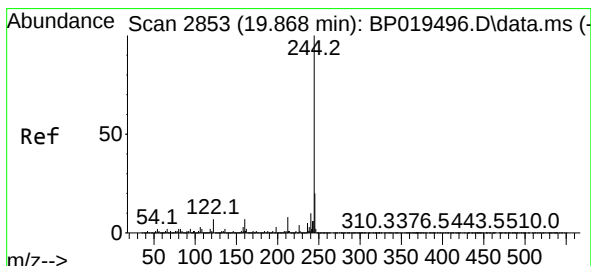
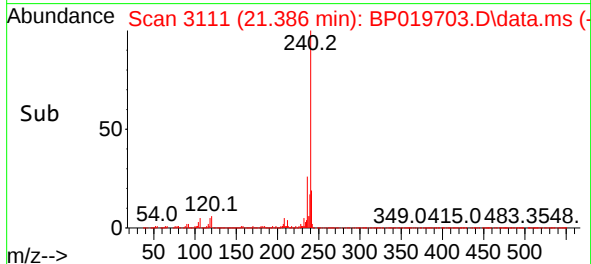
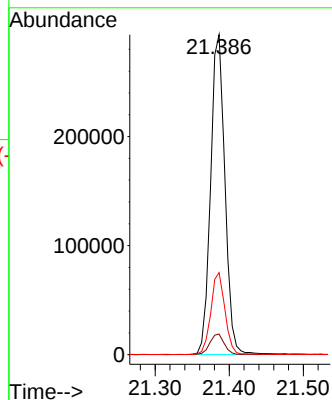
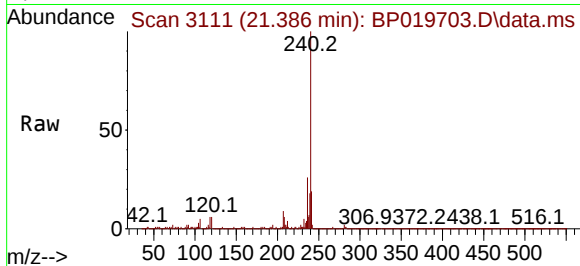




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP019703.D
Acq: 14 Feb 2024 16:05

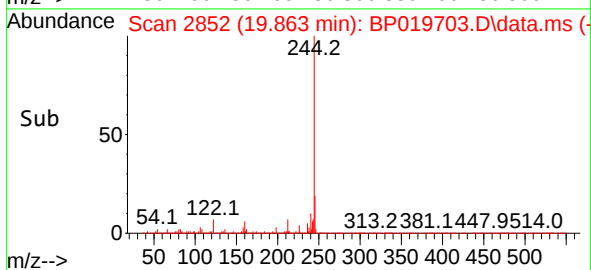
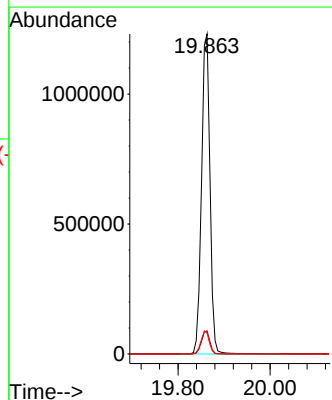
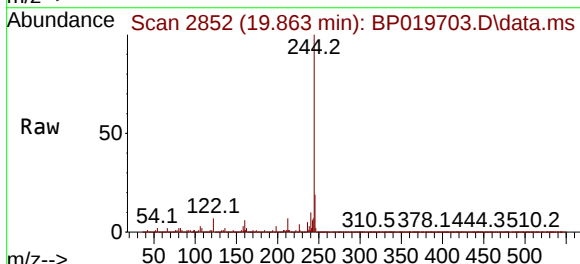
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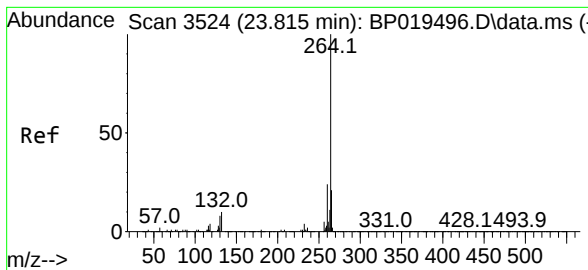
Tgt Ion:240 Resp: 393519
Ion Ratio Lower Upper
240 100
120 6.5 6.1 9.1
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 65.546 ng
RT: 19.863 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP019703.D
Acq: 14 Feb 2024 16:05

Tgt Ion:244 Resp: 1568433
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 6.5 5.9 8.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.804 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BP019703.D
 Acq: 14 Feb 2024 16:05

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Tgt Ion:264 Resp: 437953

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.4	17.0	25.4

