

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019702.D
 Acq On : 14 Feb 2024 15:31
 Operator : MA/JU
 Sample : P1461-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Feb 14 16:03:56 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	64104	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	222251	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	133610	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	302431	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	294185	20.000	ng	# 0.00
86) Perylene-d12	23.804	264	340196	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	319735	80.399	ng	-0.01
7) Phenol-d6	7.075	99	392684	73.231	ng	-0.01
23) Nitrobenzene-d5	9.069	82	282881	55.152	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	191403	98.115	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	643836	59.571	ng	-0.02
79) Terphenyl-d14	19.857	244	1092881	61.094	ng	-0.01

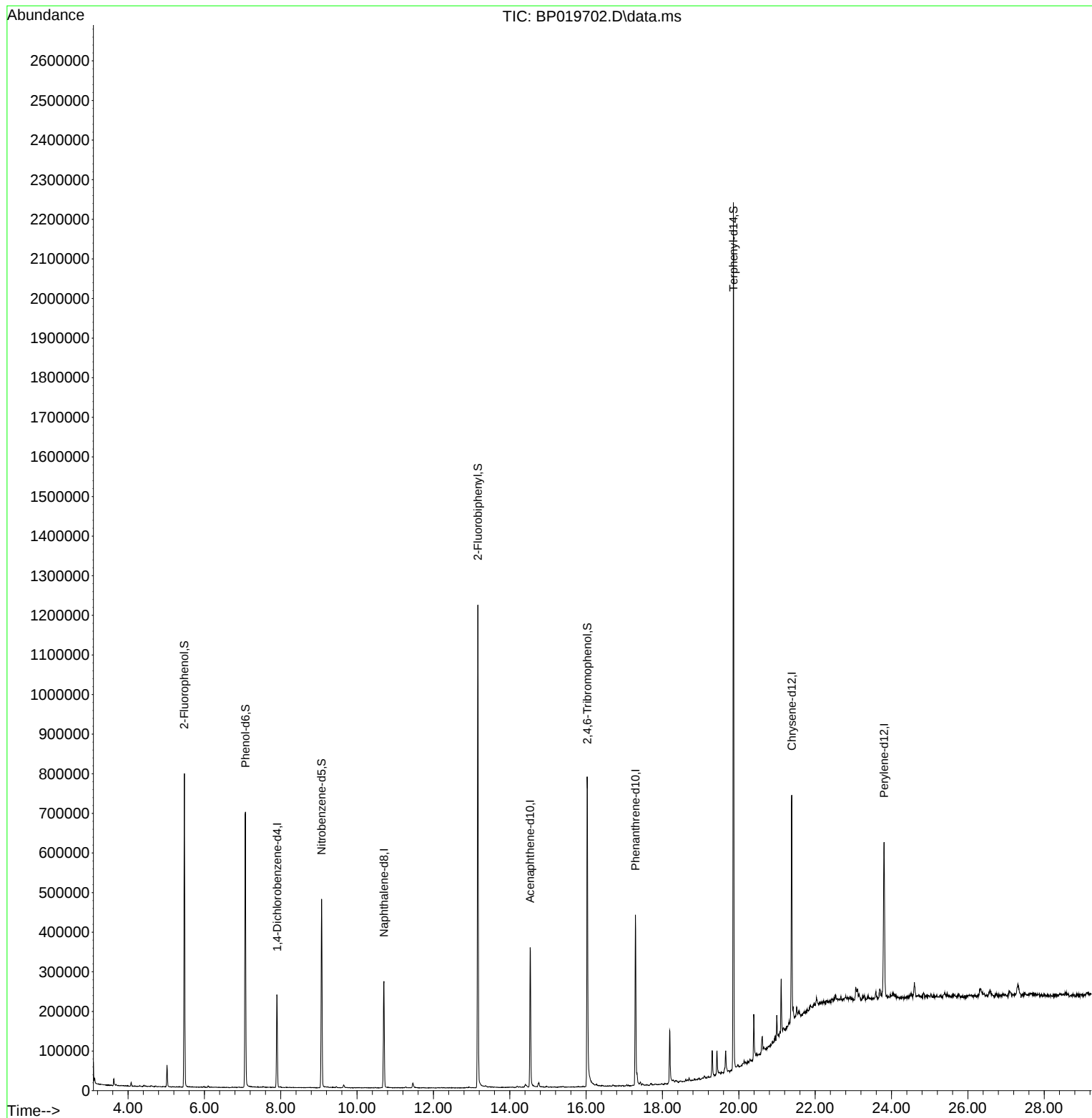
Target Compounds	Qvalue

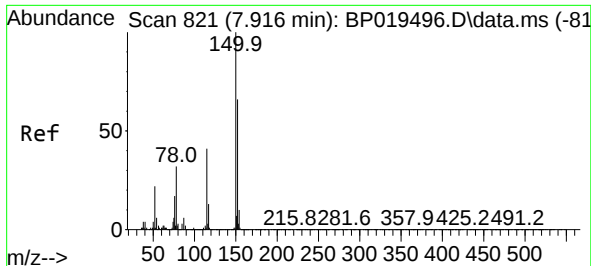
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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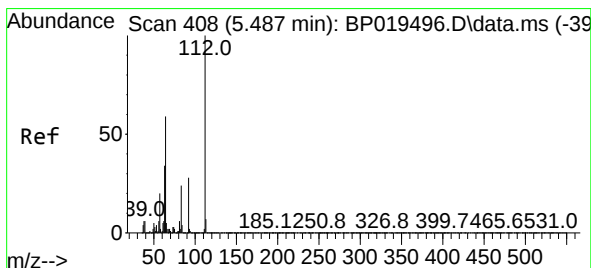
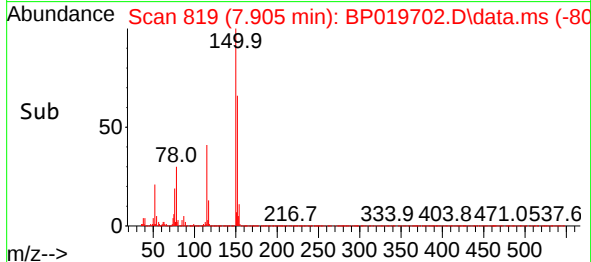
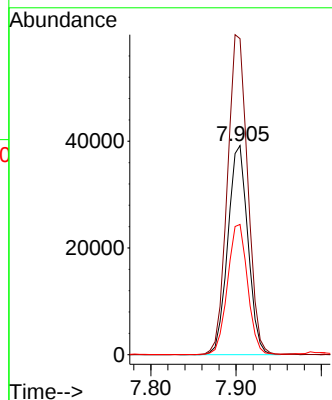
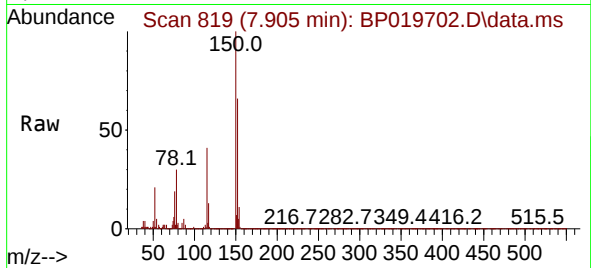




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019702.D
Acq: 14 Feb 2024 15:31

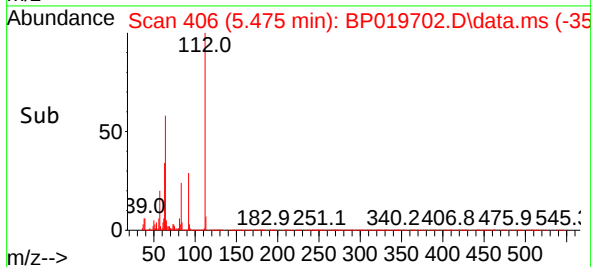
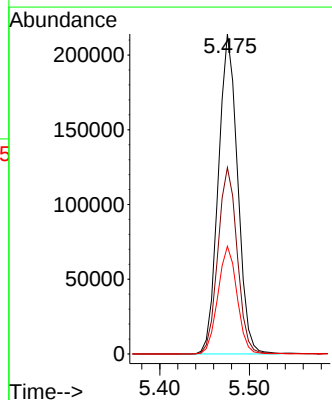
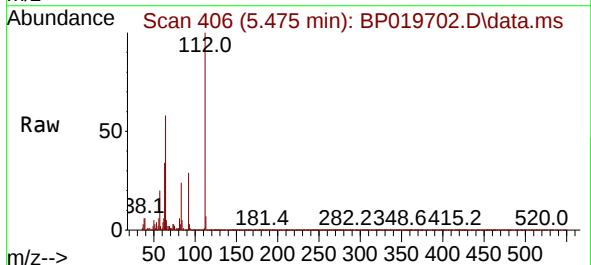
Instrument :
BNA_P
ClientSampleId :
TP-2

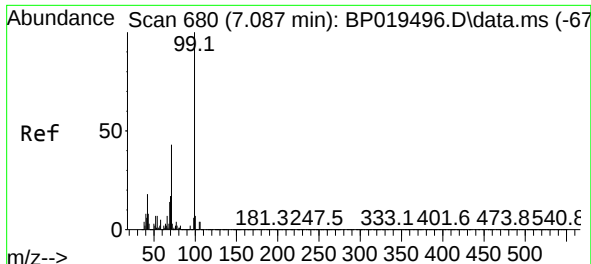
Tgt Ion:152 Resp: 64104
Ion Ratio Lower Upper
152 100
150 151.2 121.8 182.8
115 62.3 49.9 74.9



#5
2-Fluorophenol
Concen: 80.399 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019702.D
Acq: 14 Feb 2024 15:31

Tgt Ion:112 Resp: 319735
Ion Ratio Lower Upper
112 100
64 58.2 47.4 71.0
63 33.7 27.0 40.6

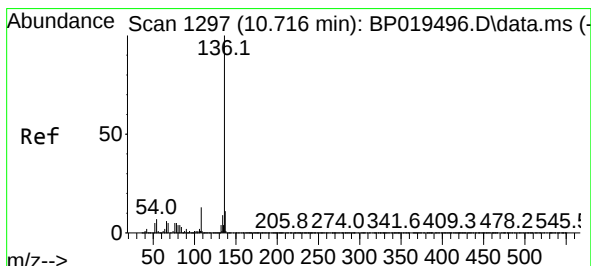
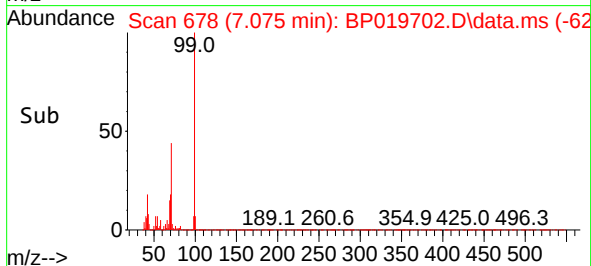
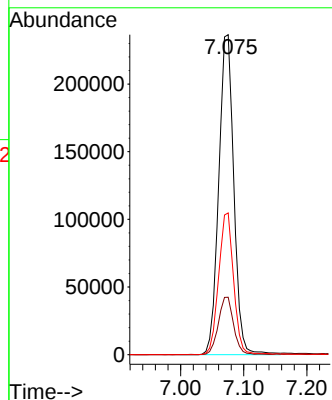
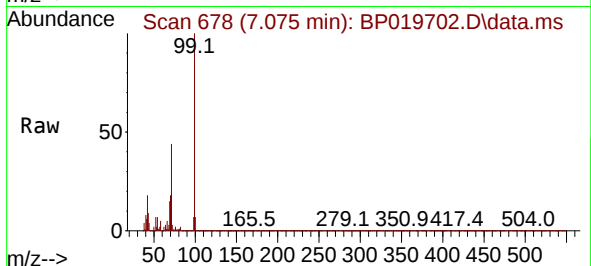




#7
Phenol-d6
Concen: 73.231 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019702.D
Acq: 14 Feb 2024 15:31

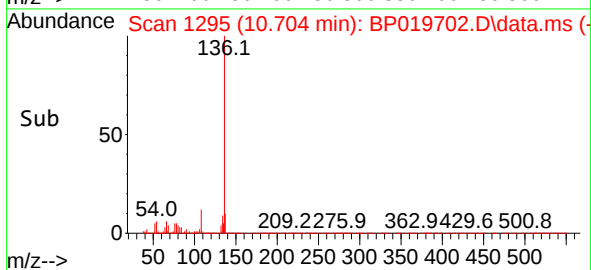
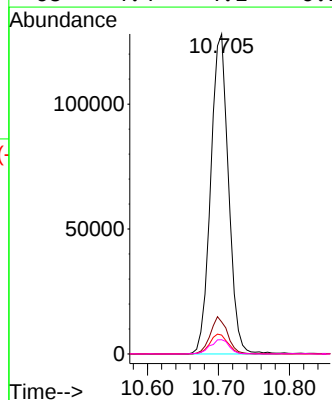
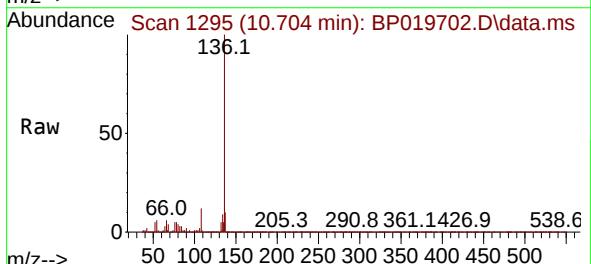
Instrument :
BNA_P
ClientSampleId :
TP-2

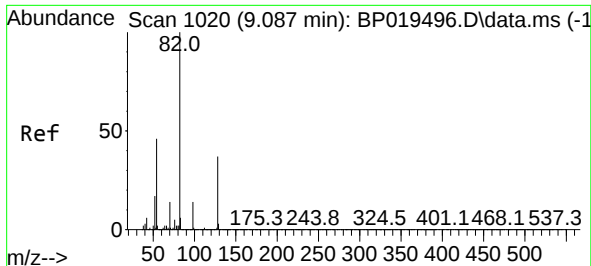
Tgt Ion: 99 Resp: 392684
Ion Ratio Lower Upper
99 100
42 17.9 14.7 22.1
71 44.3 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019702.D
Acq: 14 Feb 2024 15:31

Tgt Ion: 136 Resp: 222251
Ion Ratio Lower Upper
136 100
137 10.0 8.8 13.2
54 5.9 5.3 7.9
68 4.4 4.1 6.1

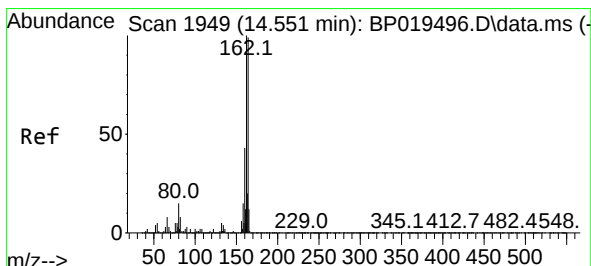
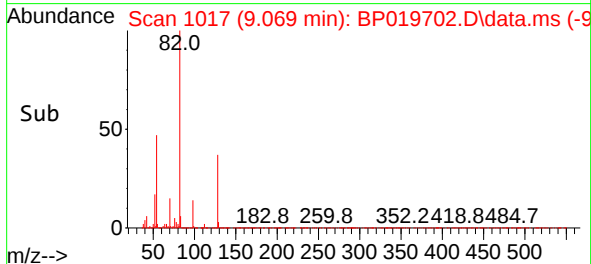
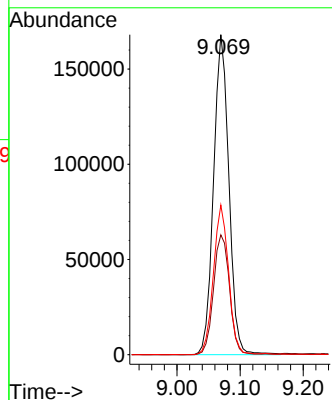
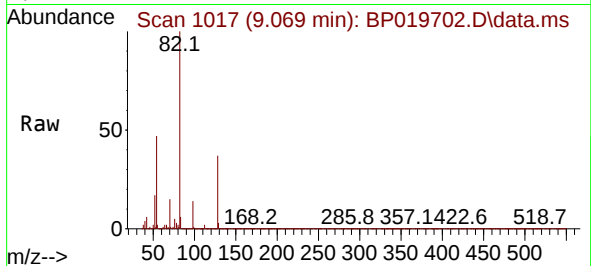




#23
Nitrobenzene-d5
Concen: 55.152 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019702.D
Acq: 14 Feb 2024 15:31

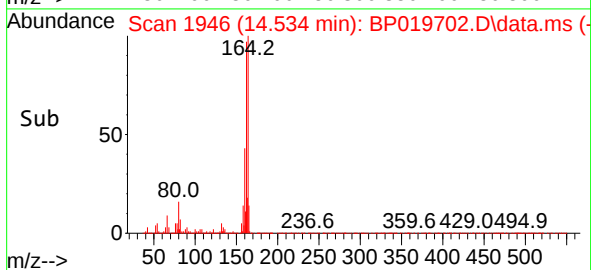
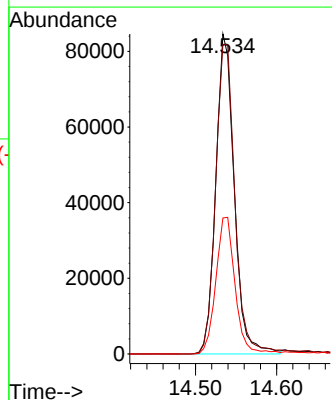
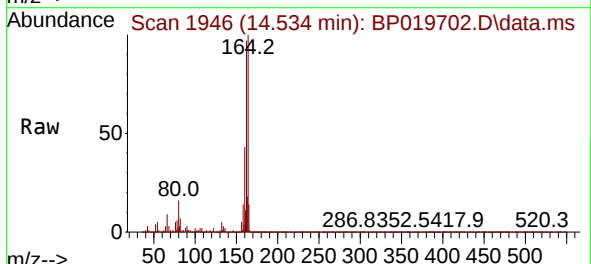
Instrument :
BNA_P
ClientSampleId :
TP-2

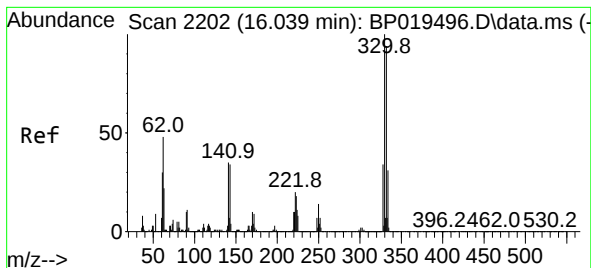
Tgt Ion: 82 Resp: 282881
Ion Ratio Lower Upper
82 100
128 37.5 29.7 44.5
54 46.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019702.D
Acq: 14 Feb 2024 15:31

Tgt Ion:164 Resp: 133610
Ion Ratio Lower Upper
164 100
162 96.7 81.2 121.8
160 42.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 98.115 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019702.D

Acq: 14 Feb 2024 15:31

Instrument :

BNA_P

ClientSampleId :

TP-2

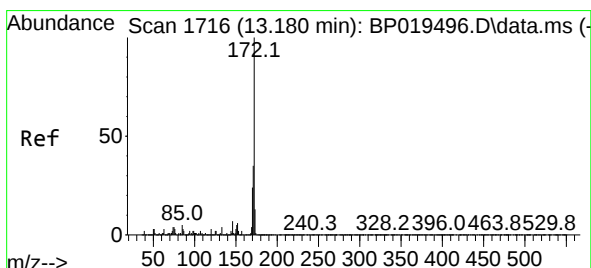
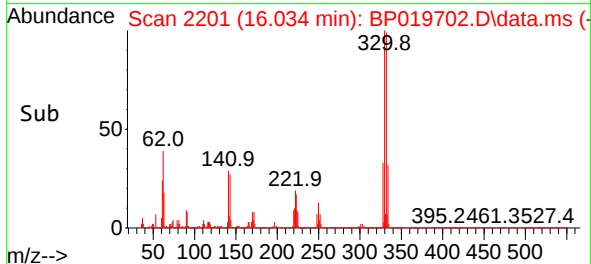
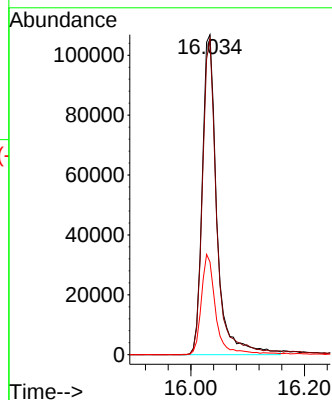
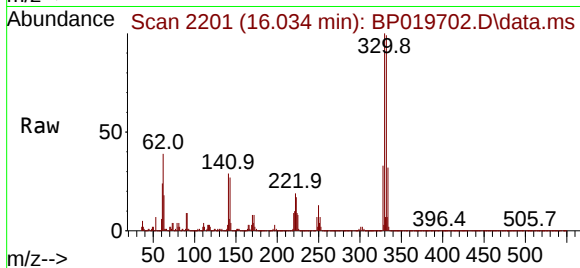
Tgt Ion:330 Resp: 191403

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 30.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 59.571 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019702.D

Acq: 14 Feb 2024 15:31

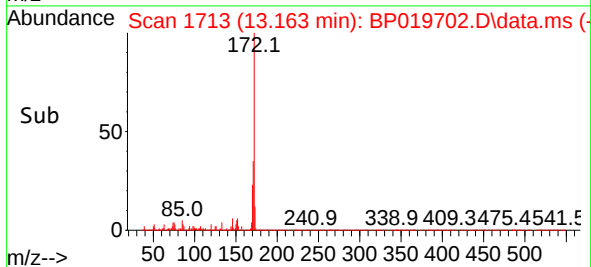
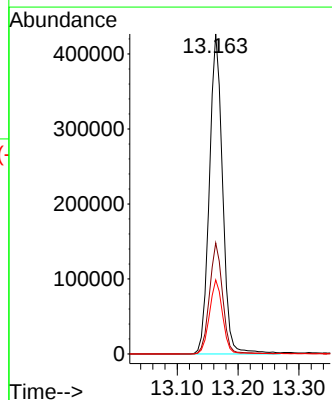
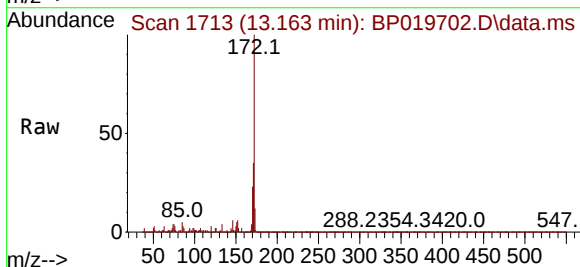
Tgt Ion:172 Resp: 643836

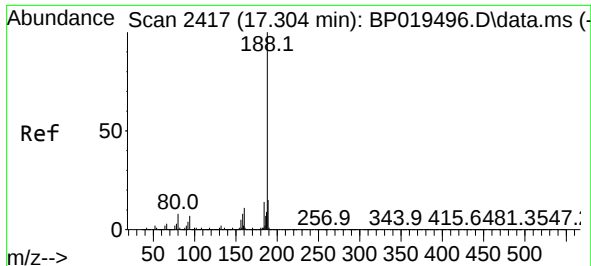
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.1 18.9 28.3

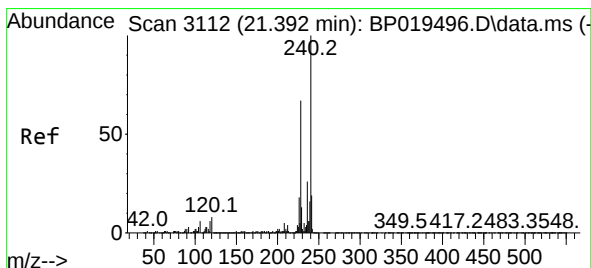
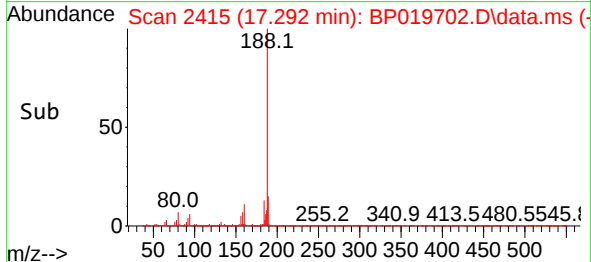
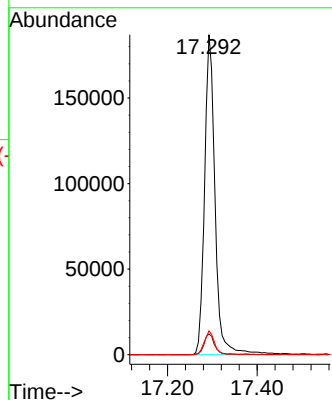
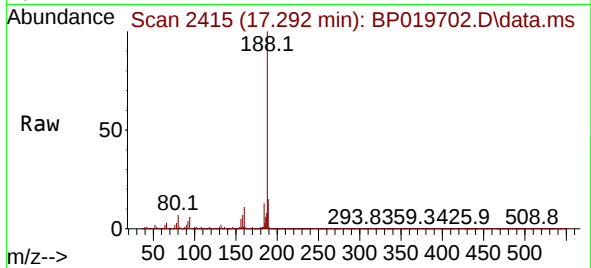




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019702.D
Acq: 14 Feb 2024 15:31

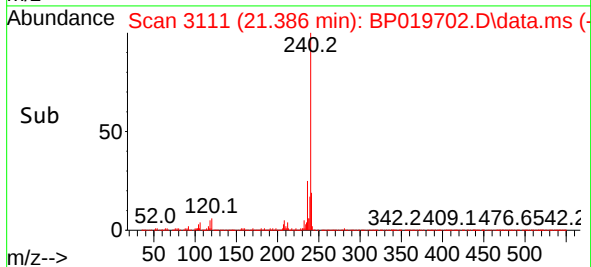
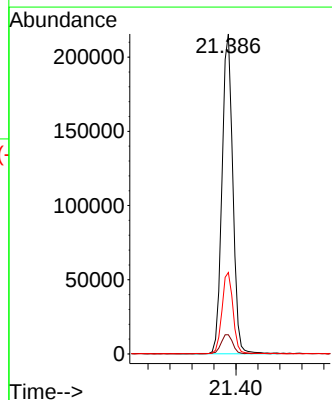
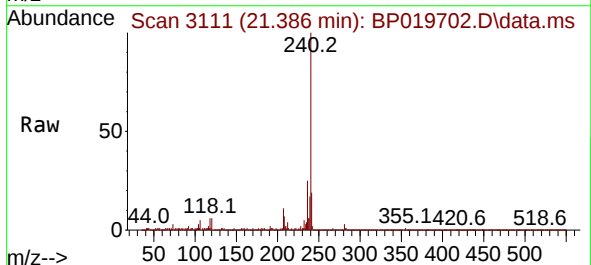
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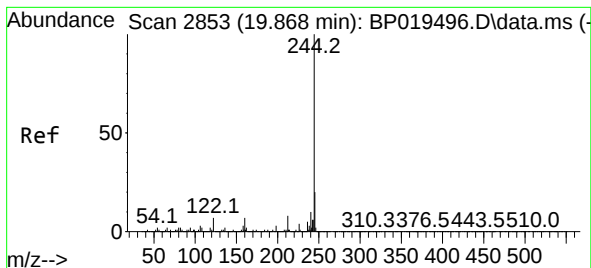
Tgt Ion:188	Resp:	302431
Ion Ratio	Lower	Upper
188	100	
94	6.5	5.4 8.2
80	7.5	6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP019702.D
Acq: 14 Feb 2024 15:31

Tgt Ion:240	Resp:	294185
Ion Ratio	Lower	Upper
240	100	
120	6.0	6.1 9.1#
236	25.5	20.7 31.1





#79

Terphenyl-d14

Concen: 61.094 ng

RT: 19.857 min Scan# 2853

Delta R.T. -0.011 min

Lab File: BP019702.D

Acq: 14 Feb 2024 15:31

Instrument :

BNA_P

ClientSampleId :

TP-2

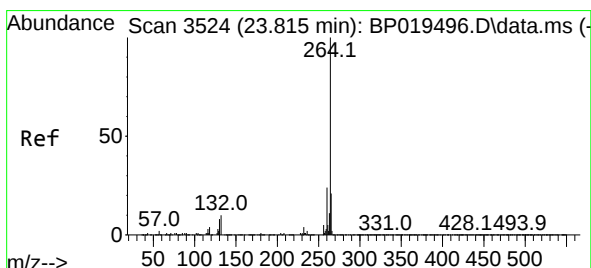
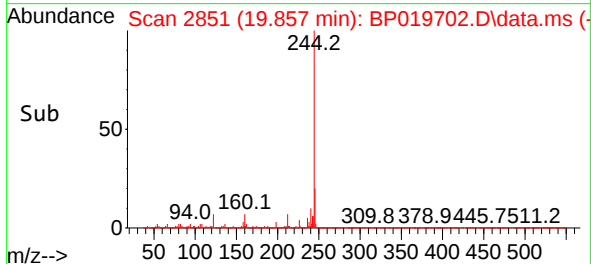
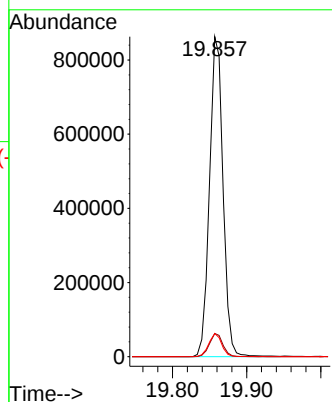
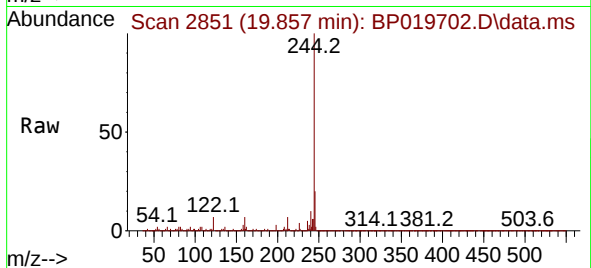
Tgt Ion:244 Resp: 1092881

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 7.3 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.011 min

Lab File: BP019702.D

Acq: 14 Feb 2024 15:31

Tgt Ion:264 Resp: 340196

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.7 17.0 25.4

