

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019902.D
 Acq On : 27 Feb 2024 18:16
 Operator : MA/JU
 Sample : P1538-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20241096-COMPOSITE-35N-N-4-01

Quant Time: Feb 28 00:58:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	95669	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	374669	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	277269	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	651988	20.000	ng	0.00
76) Chrysene-d12	21.398	240	709334	20.000	ng	-0.01
86) Perylene-d12	23.821	264	712785	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	593657	101.852	ng	0.00
7) Phenol-d6	7.069	99	750375	86.469	ng	0.00
23) Nitrobenzene-d5	9.069	82	516302	55.633	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	431909	90.848	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	987494	48.120	ng	0.00
79) Terphenyl-d14	19.869	244	1782557	39.609	ng	-0.01

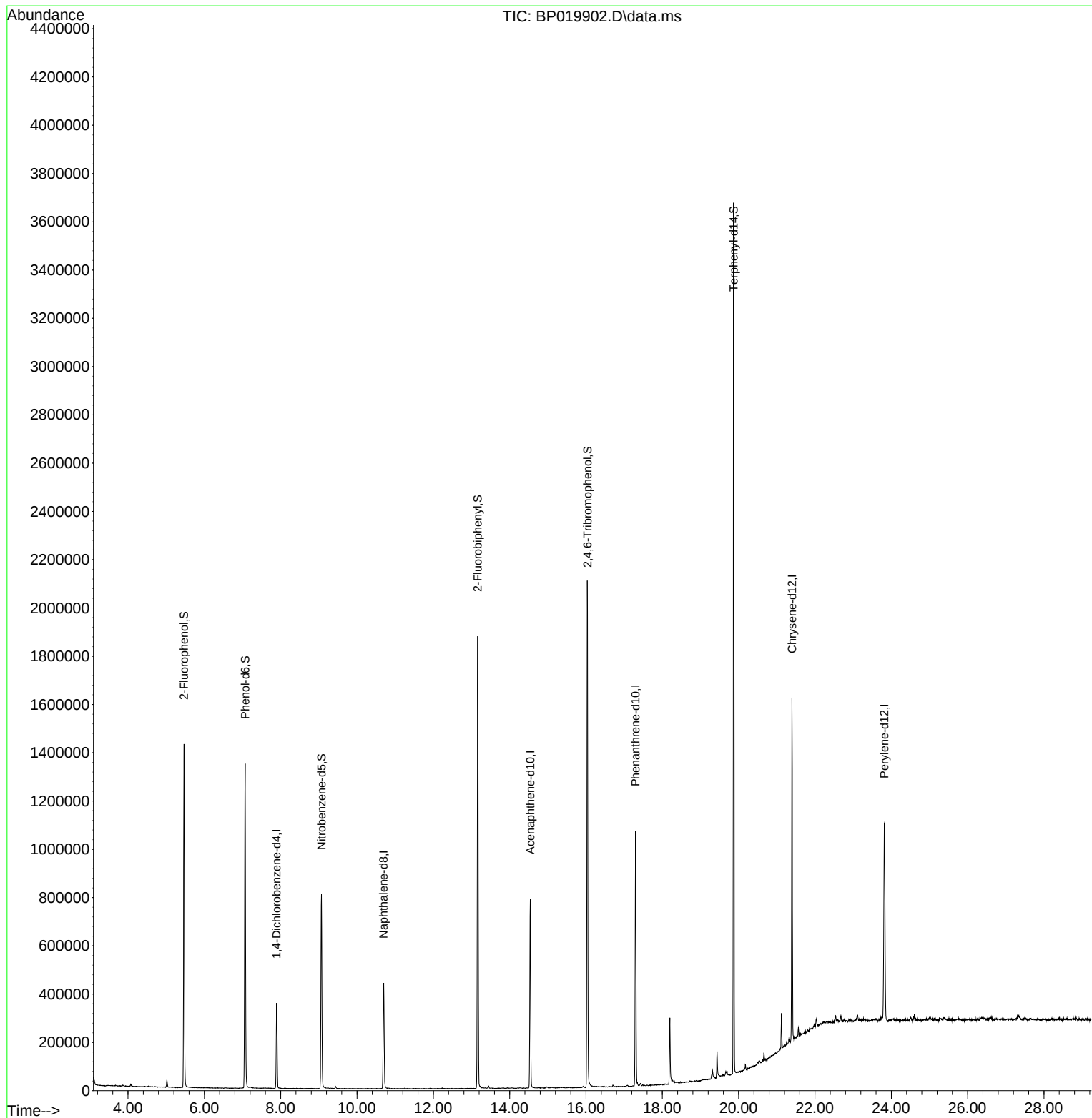
Target Compounds	Qvalue

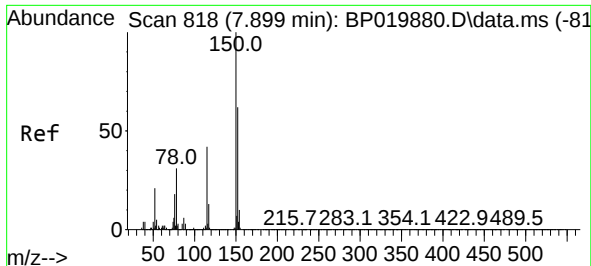
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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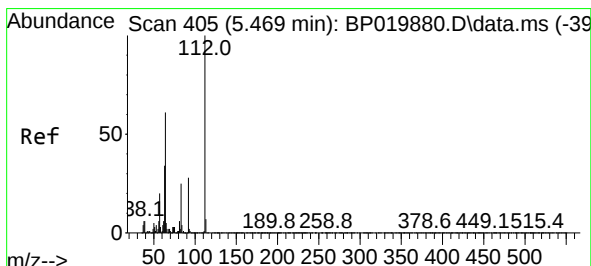
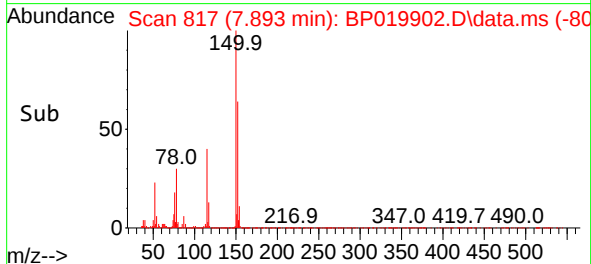
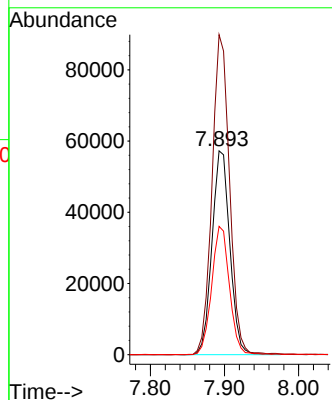
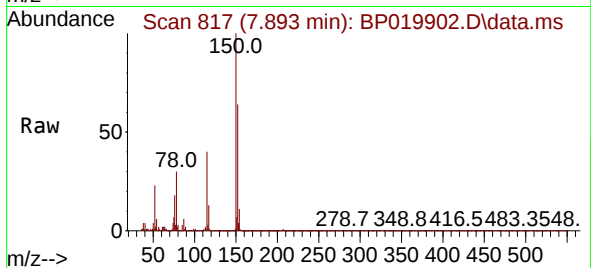




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP019902.D
Acq: 27 Feb 2024 18:16

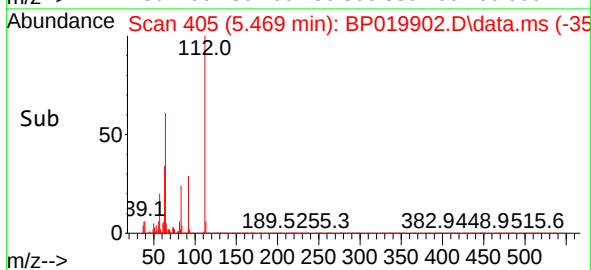
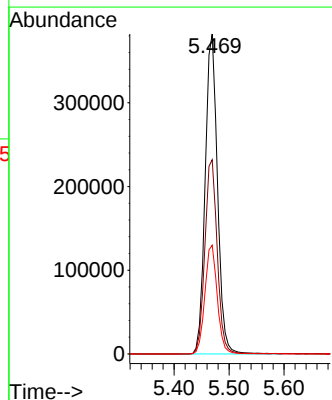
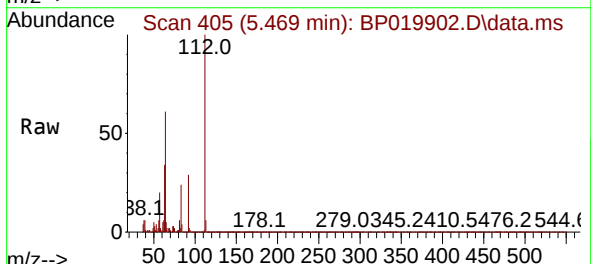
Instrument :
BNA_P
ClientSampleId :
20241096-COMPOSITE-35N-N-4-01

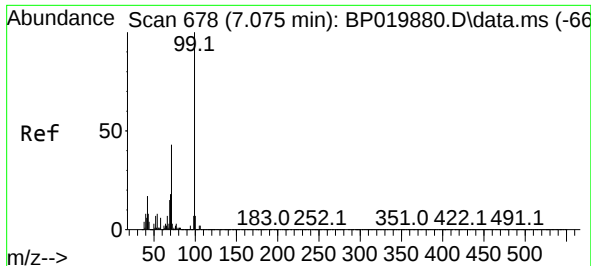
Tgt Ion:152 Resp: 95669
Ion Ratio Lower Upper
152 100
150 156.9 128.6 192.8
115 63.0 53.4 80.2



#5
2-Fluorophenol
Concen: 101.852 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.000 min
Lab File: BP019902.D
Acq: 27 Feb 2024 18:16

Tgt Ion:112 Resp: 593657
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.6
63 34.0 27.6 41.4

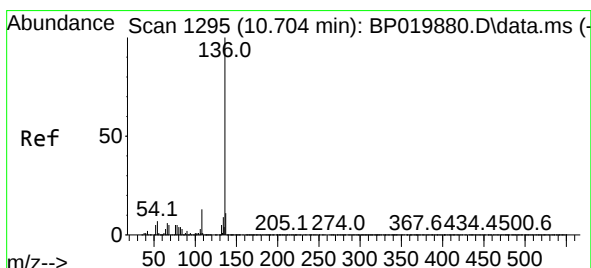
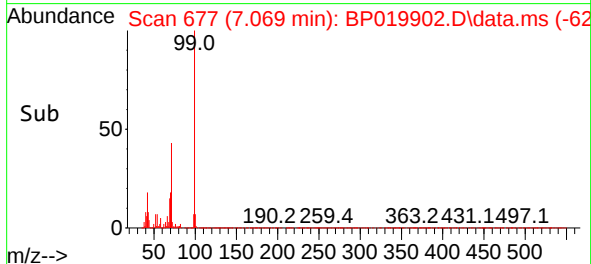
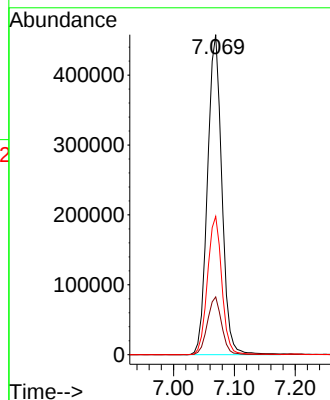
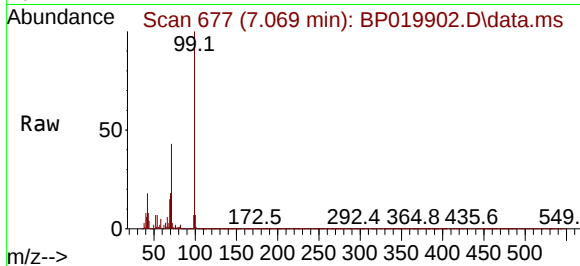




#7
Phenol-d6
Concen: 86.469 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019902.D
Acq: 27 Feb 2024 18:16

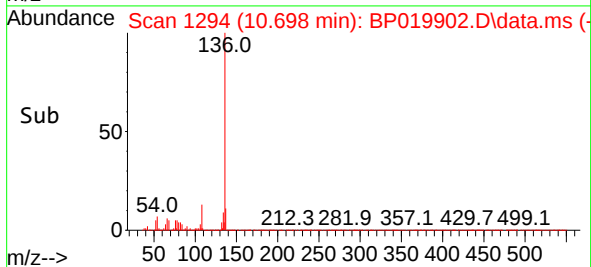
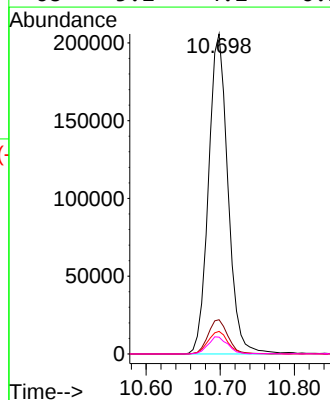
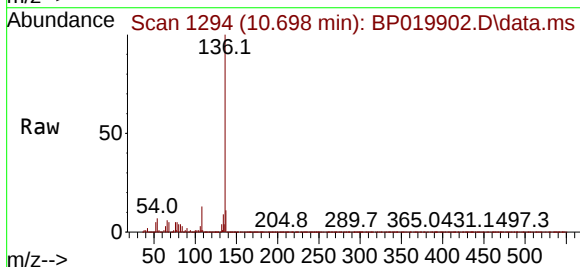
Instrument :
BNA_P
ClientSampleId :
20241096-COMPOSITE-35N-N-4-01

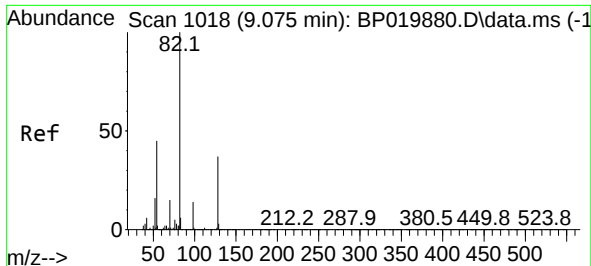
Tgt Ion: 99 Resp: 750375
Ion Ratio Lower Upper
99 100
42 18.0 13.8 20.8
71 43.2 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019902.D
Acq: 27 Feb 2024 18:16

Tgt Ion: 136 Resp: 374669
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.1 6.0 9.0
68 5.2 4.2 6.2

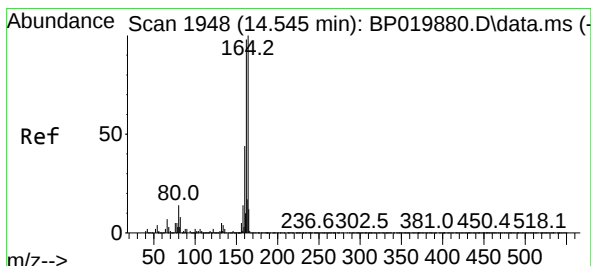
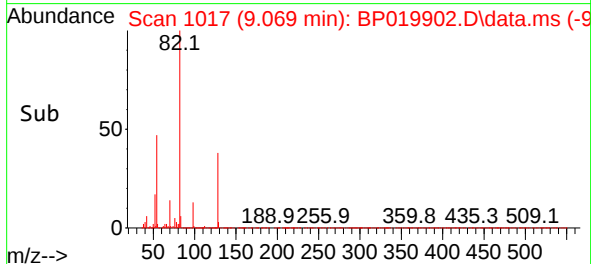
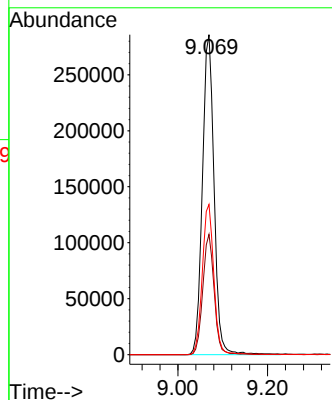
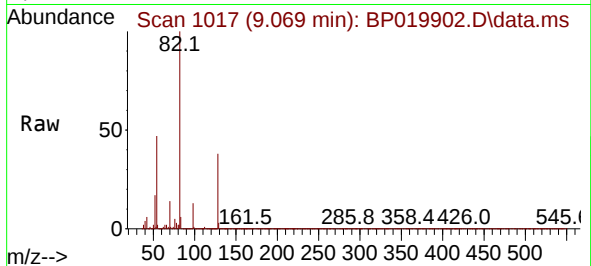




#23
Nitrobenzene-d5
Concen: 55.633 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP019902.D
Acq: 27 Feb 2024 18:16

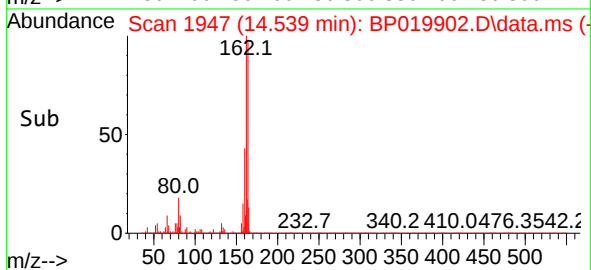
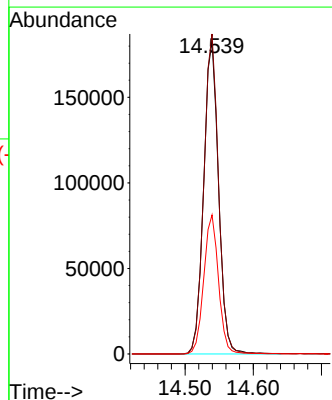
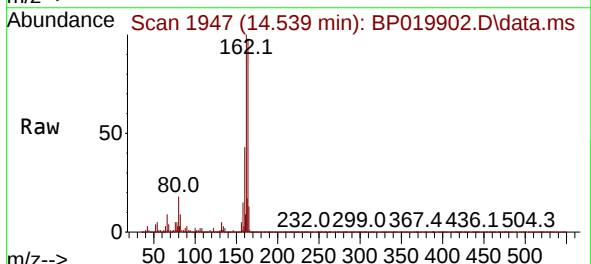
Instrument :
BNA_P
ClientSampleId :
20241096-COMPOSITE-35N-N-4-01

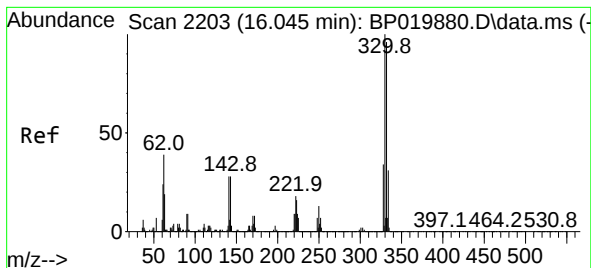
Tgt Ion: 82 Resp: 516302
Ion Ratio Lower Upper
82 100
128 37.6 29.6 44.4
54 47.0 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019902.D
Acq: 27 Feb 2024 18:16

Tgt Ion: 164 Resp: 277269
Ion Ratio Lower Upper
164 100
162 102.4 78.1 117.1
160 44.5 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 90.848 ng

RT: 16.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019902.D

Acq: 27 Feb 2024 18:16

Instrument :

BNA_P

ClientSampleId :

20241096-COMPOSITE-35N-N-4-01

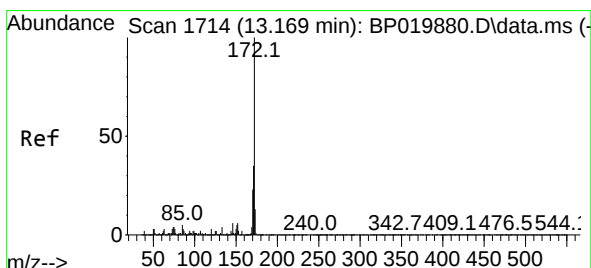
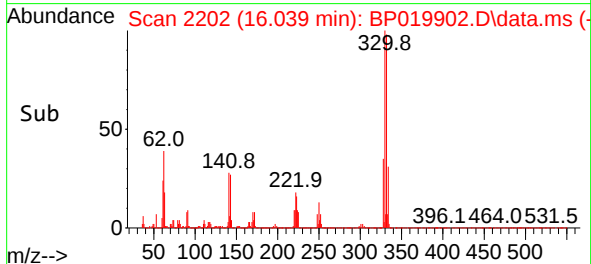
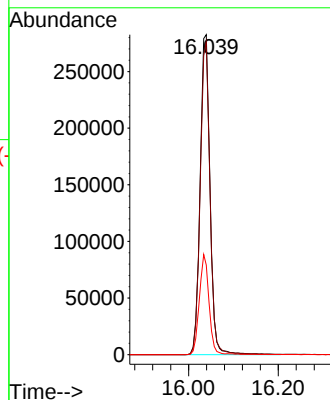
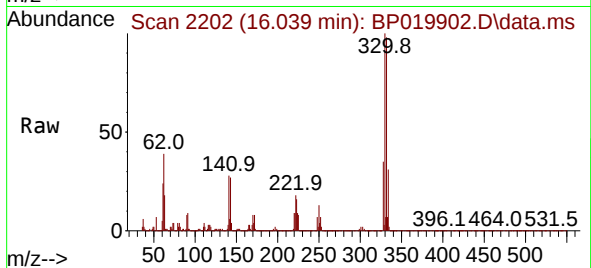
Tgt Ion:330 Resp: 431909

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

141 30.7 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 48.120 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP019902.D

Acq: 27 Feb 2024 18:16

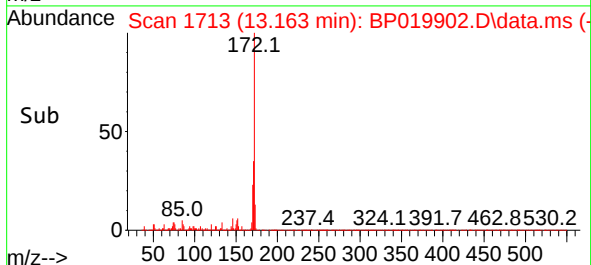
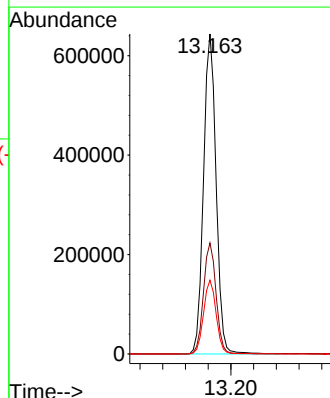
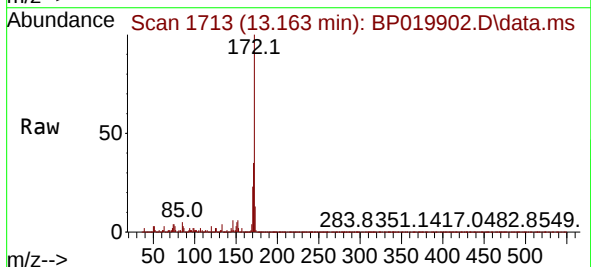
Tgt Ion:172 Resp: 987494

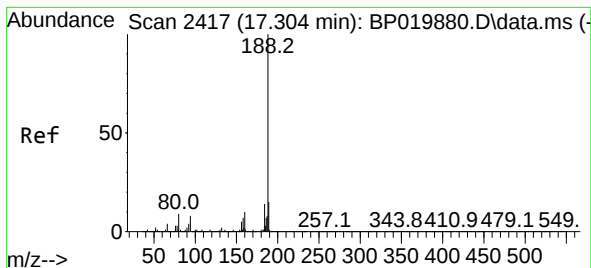
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.1 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP019902.D

Acq: 27 Feb 2024 18:16

Instrument :

BNA_P

ClientSampleId :

20241096-COMPOSITE-35N-N-4-01

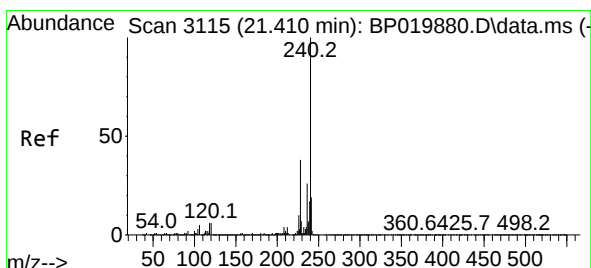
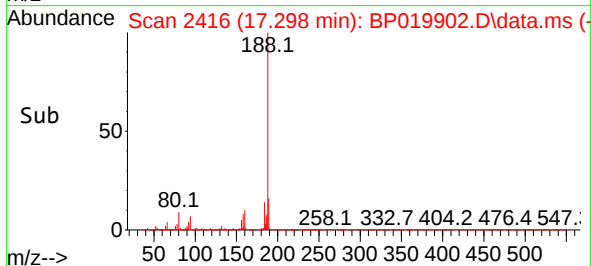
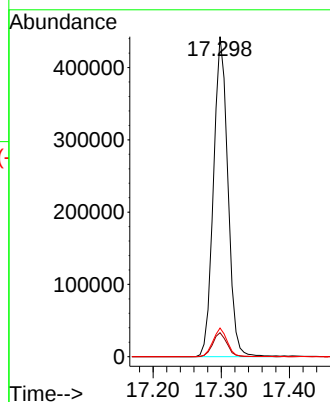
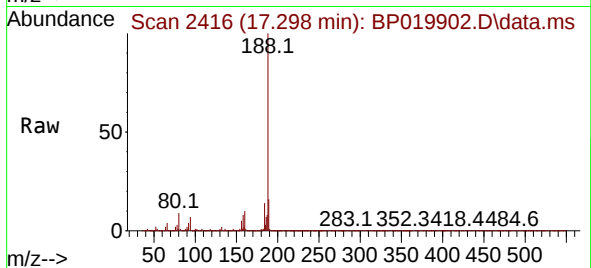
Tgt Ion:188 Resp: 651988

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

80 9.0 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BP019902.D

Acq: 27 Feb 2024 18:16

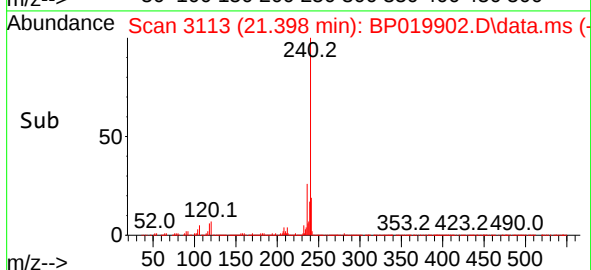
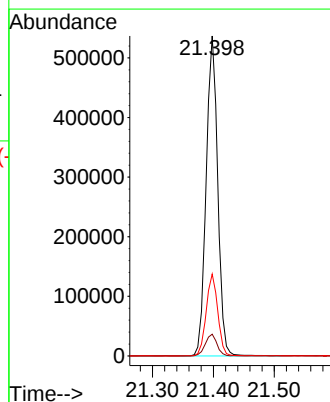
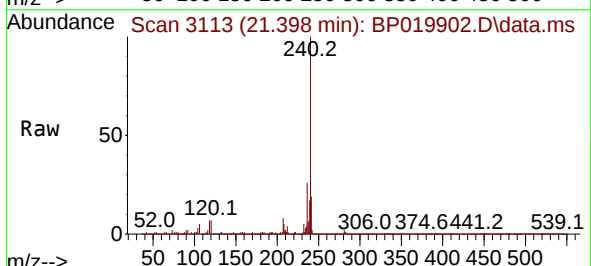
Tgt Ion:240 Resp: 709334

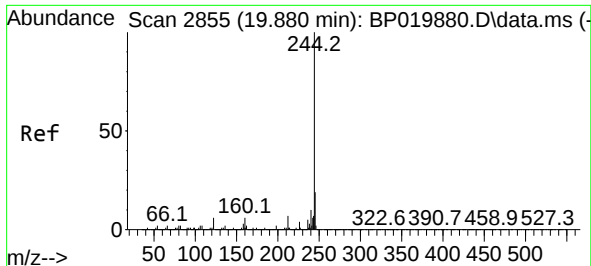
Ion Ratio Lower Upper

240 100

120 6.8 5.1 7.7

236 25.6 20.5 30.7



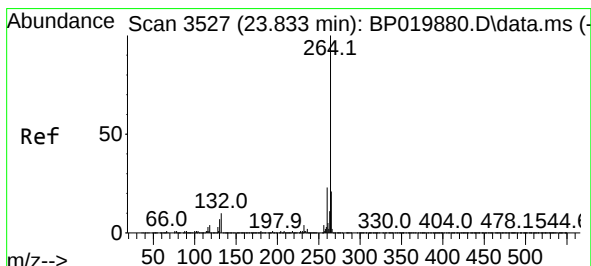
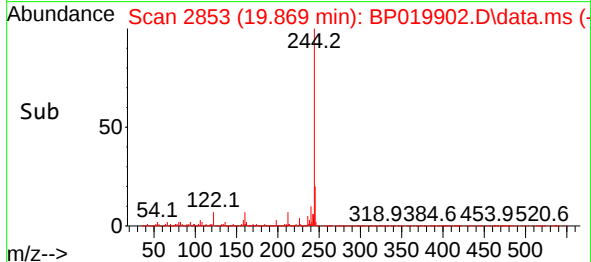
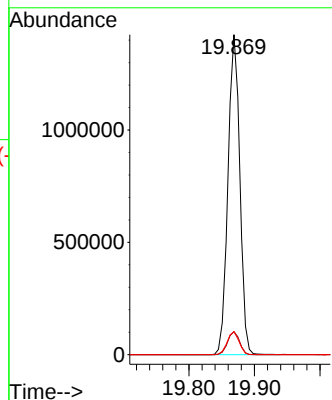
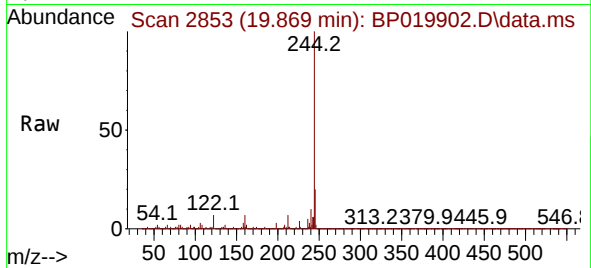


#79
 Terphenyl-d14
 Concen: 39.609 ng
 RT: 19.869 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP019902.D
 Acq: 27 Feb 2024 18:16

Instrument :
 BNA_P
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 20241096-COMPOSITE-35N-N-4-01

Tgt Ion:244 Resp: 1782557

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	7.1	5.0	7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.821 min Scan# 3525
 Delta R.T. -0.012 min
 Lab File: BP019902.D
 Acq: 27 Feb 2024 18:16

Tgt Ion:264 Resp: 712785

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.7	17.4	26.2

