

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019899.D
 Acq On : 27 Feb 2024 16:34
 Operator : MA/JU
 Sample : P1523-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20240765-COMPOSITE-39N-N-3-03

Quant Time: Feb 27 17:37:04 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)

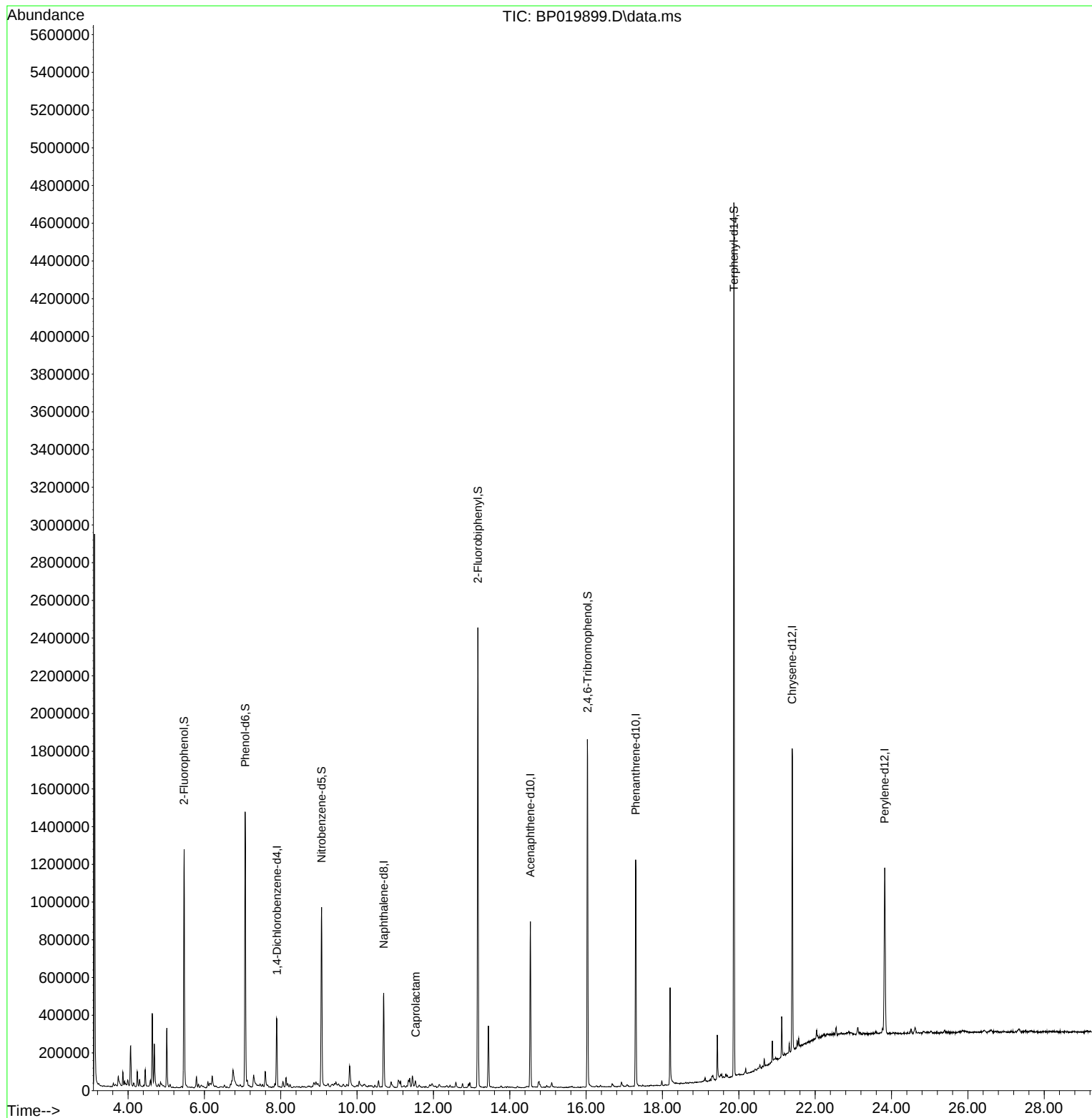
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	99274	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	408579	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	308512	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	749718	20.000	ng	0.00
76) Chrysene-d12	21.398	240	808586	20.000	ng	-0.01
86) Perylene-d12	23.821	264	760754	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	512910	84.803	ng	0.00
7) Phenol-d6	7.069	99	804409	89.330	ng	0.00
23) Nitrobenzene-d5	9.069	82	582057	57.512	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	366907	69.360	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1238478	54.238	ng	0.00
79) Terphenyl-d14	19.875	244	2369889	46.195	ng	0.00
Target Compounds						
35) Caprolactam	11.534	113	7261	2.727	ng	Qvalue # 26

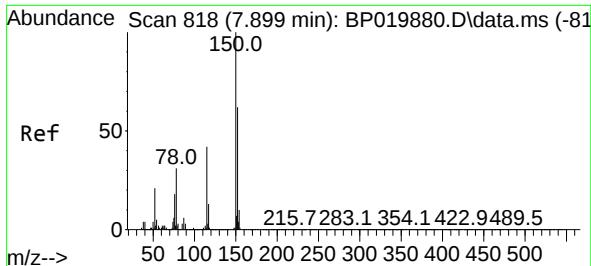
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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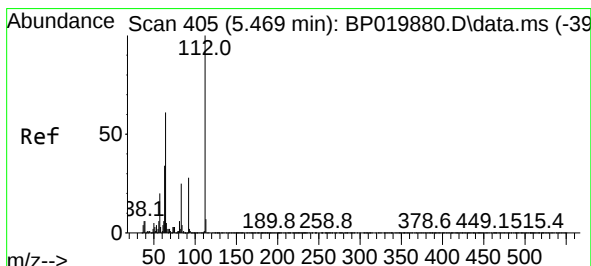
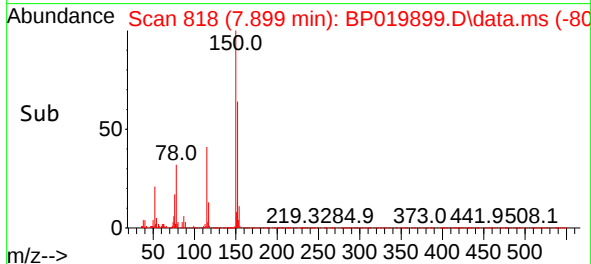
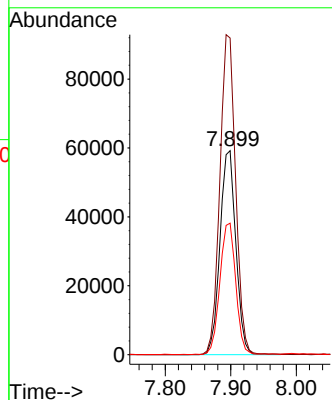
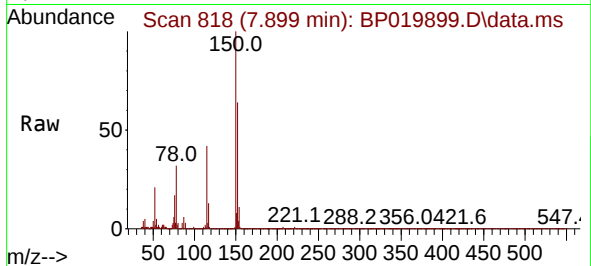




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.000 min
Lab File: BP019899.D
Acq: 27 Feb 2024 16:34

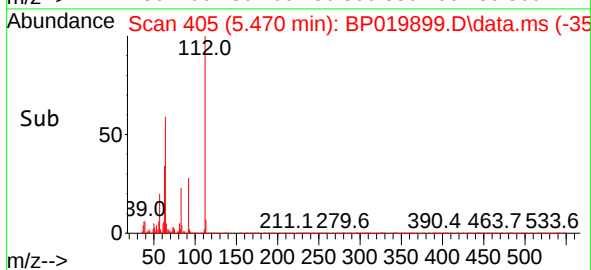
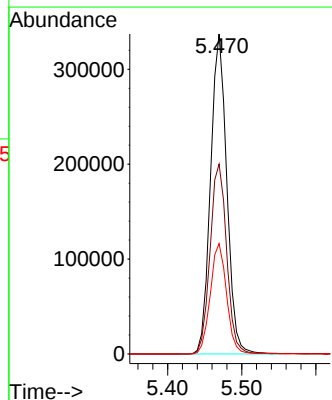
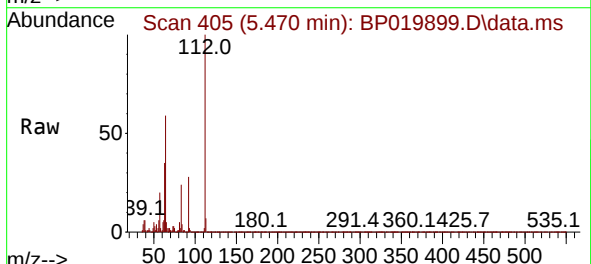
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03

Tgt Ion:152 Resp: 99274
Ion Ratio Lower Upper
152 100
150 155.2 128.6 192.8
115 64.5 53.4 80.2



#5
2-Fluorophenol
Concen: 84.803 ng
RT: 5.470 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP019899.D
Acq: 27 Feb 2024 16:34

Tgt Ion:112 Resp: 512910
Ion Ratio Lower Upper
112 100
64 59.3 49.0 73.6
63 34.5 27.6 41.4

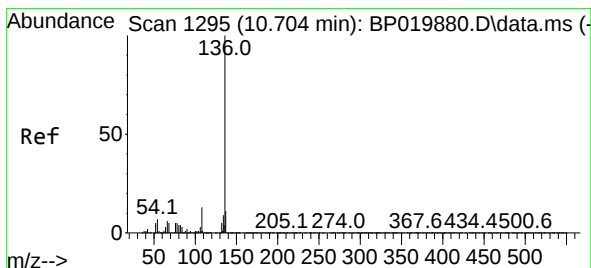
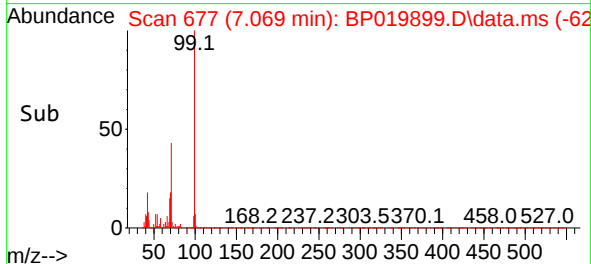
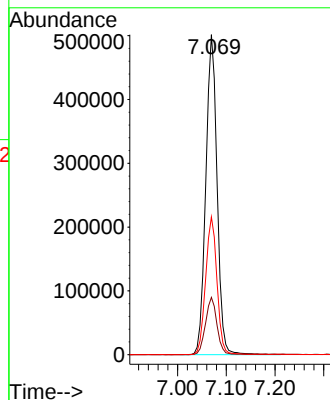
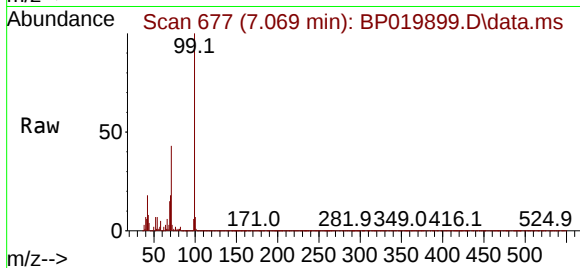




#7
Phenol-d6
Concen: 89.330 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019899.D
Acq: 27 Feb 2024 16:34

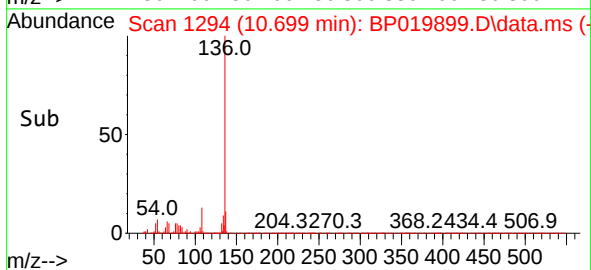
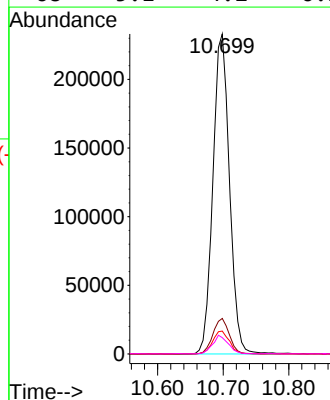
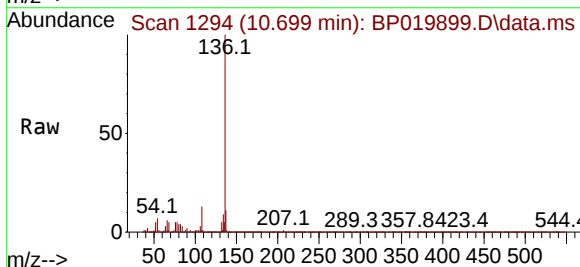
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03

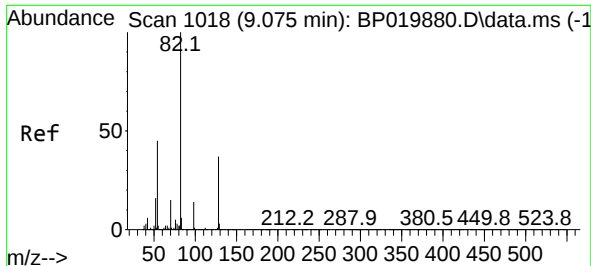
Tgt Ion: 99 Resp: 804409
Ion Ratio Lower Upper
99 100
42 17.9 13.8 20.8
71 43.1 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019899.D
Acq: 27 Feb 2024 16:34

Tgt Ion: 136 Resp: 408579
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.2 6.0 9.0
68 5.1 4.2 6.2

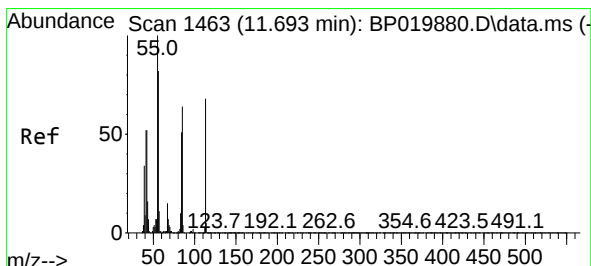
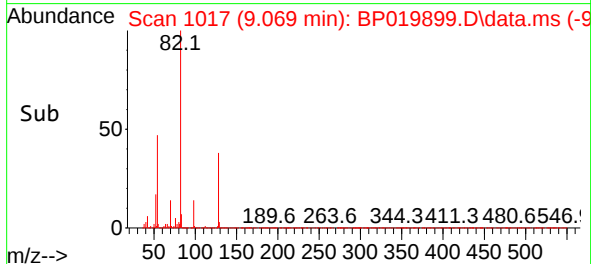
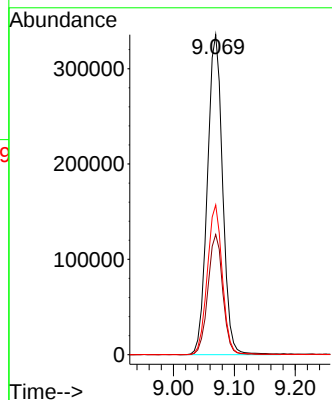
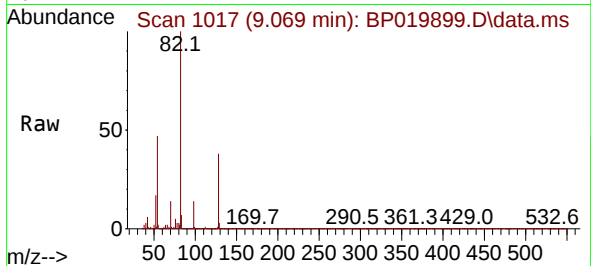




#23
Nitrobenzene-d5
Concen: 57.512 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP019899.D
Acq: 27 Feb 2024 16:34

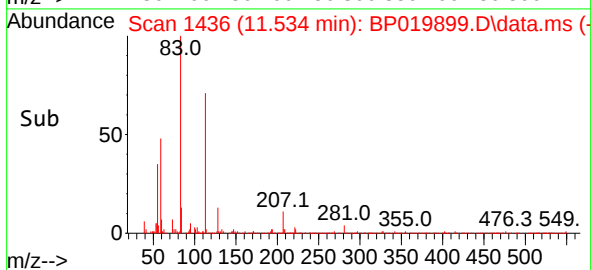
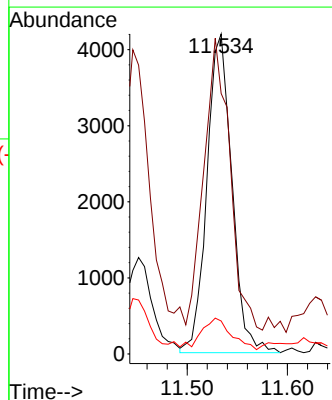
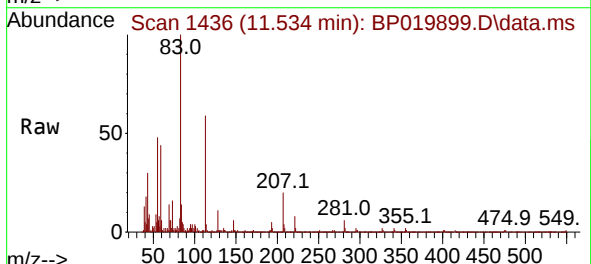
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03

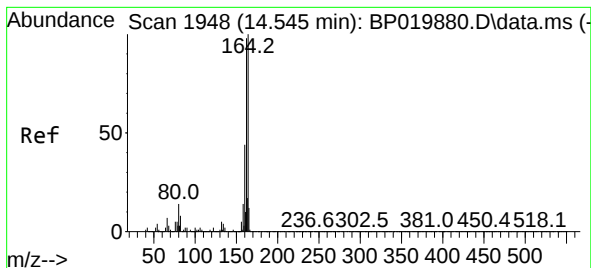
Tgt Ion: 82 Resp: 582057
Ion Ratio Lower Upper
82 100
128 37.6 29.6 44.4
54 46.8 36.3 54.5



#35
Caprolactam
Concen: 2.727 ng
RT: 11.534 min Scan# 1436
Delta R.T. -0.159 min
Lab File: BP019899.D
Acq: 27 Feb 2024 16:34

Tgt Ion: 113 Resp: 7261
Ion Ratio Lower Upper
113 100
55 81.4 127.6 167.6#
56 10.3 100.9 140.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP019899.D

Acq: 27 Feb 2024 16:34

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03

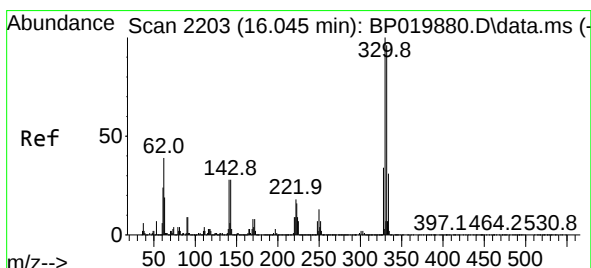
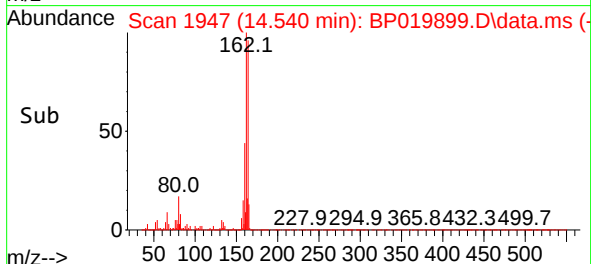
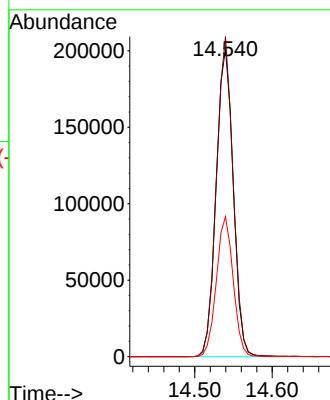
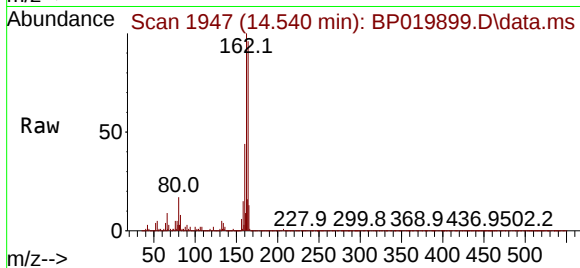
Tgt Ion:164 Resp: 308512

Ion Ratio Lower Upper

164 100

162 103.9 78.1 117.1

160 45.5 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 69.360 ng

RT: 16.040 min Scan# 2202

Delta R.T. -0.006 min

Lab File: BP019899.D

Acq: 27 Feb 2024 16:34

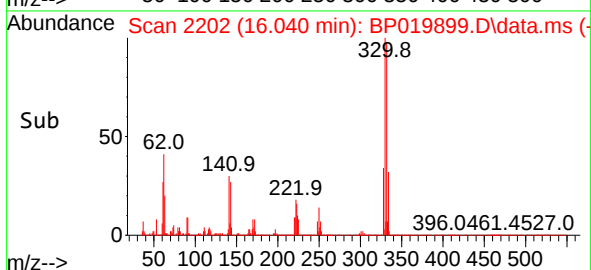
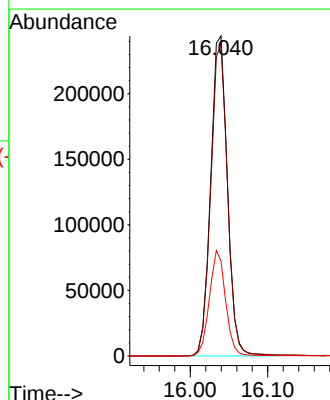
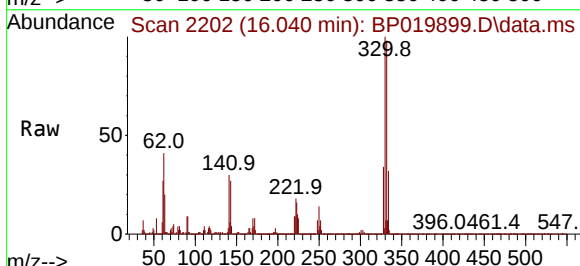
Tgt Ion:330 Resp: 366907

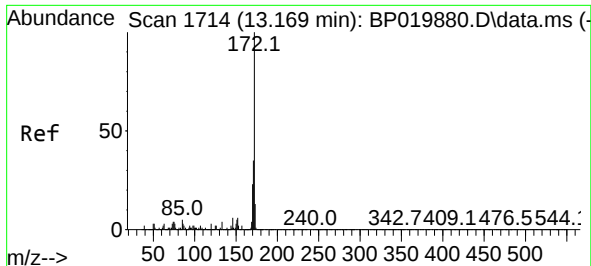
Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

141 32.0 24.6 37.0

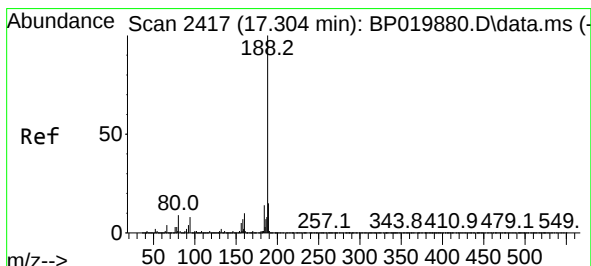
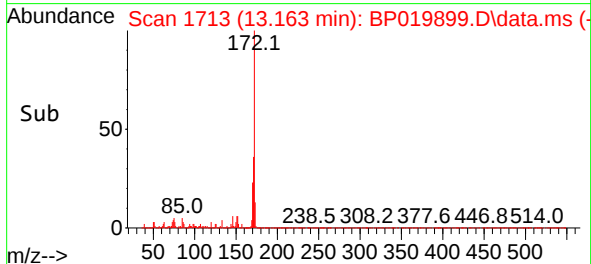
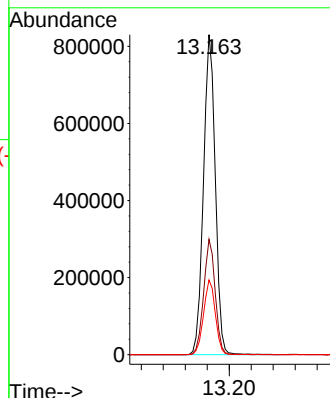
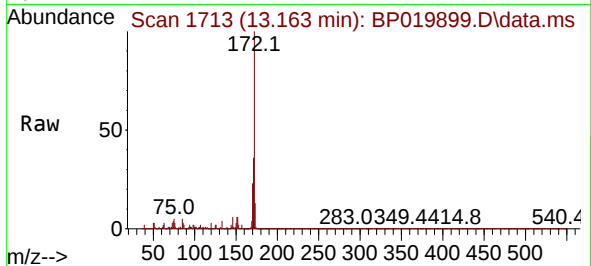




#45
2-Fluorobiphenyl
Concen: 54.238 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP019899.D
Acq: 27 Feb 2024 16:34

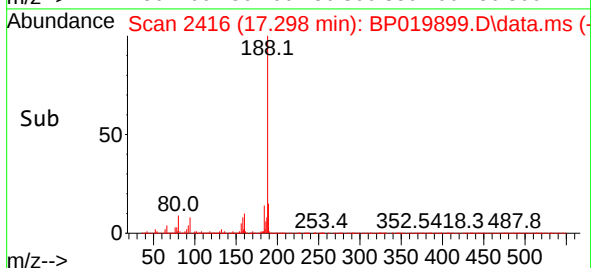
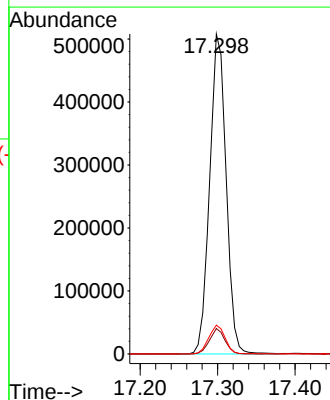
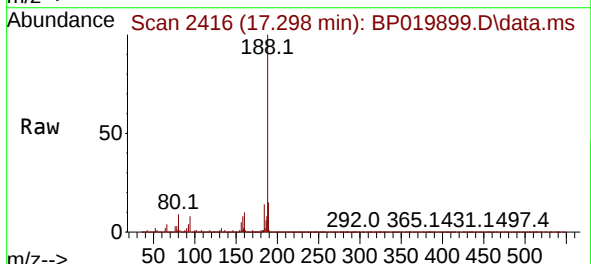
Instrument : BNA_P
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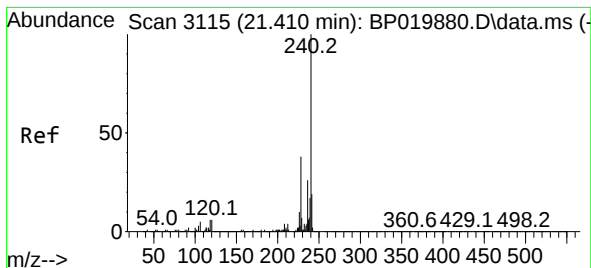
Tgt Ion:172 Resp: 1238478
Ion Ratio Lower Upper
172 100
171 36.1 27.8 41.6
170 23.4 18.4 27.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019899.D
Acq: 27 Feb 2024 16:34

Tgt Ion:188 Resp: 749718
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.4
80 9.0 7.0 10.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BP019899.D

Acq: 27 Feb 2024 16:34

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03

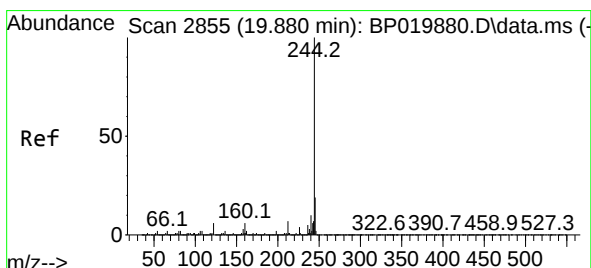
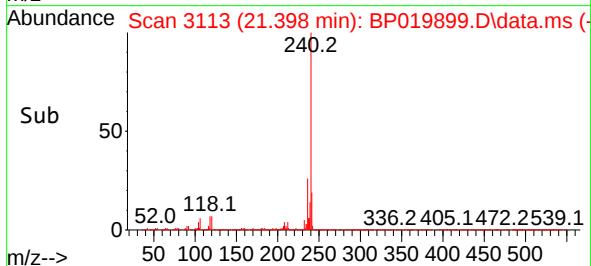
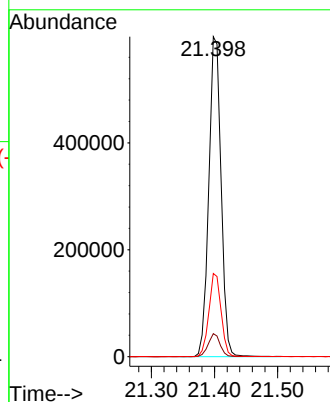
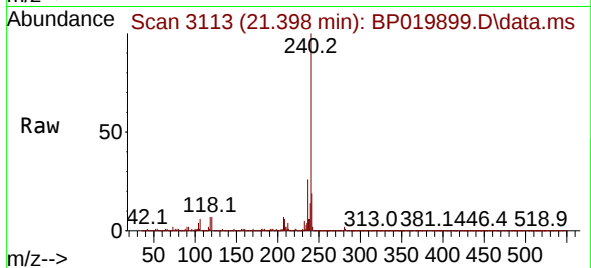
Tgt Ion:240 Resp: 808586

Ion Ratio Lower Upper

240 100

120 7.2 5.1 7.7

236 26.0 20.5 30.7



#79

Terphenyl-d14

Concen: 46.195 ng

RT: 19.875 min Scan# 2854

Delta R.T. -0.006 min

Lab File: BP019899.D

Acq: 27 Feb 2024 16:34

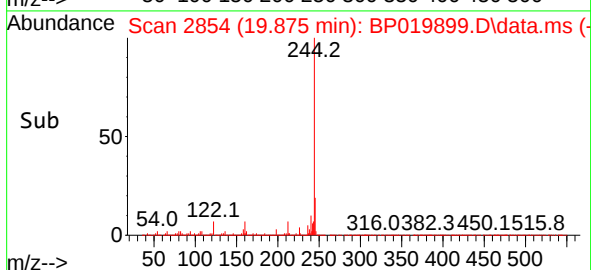
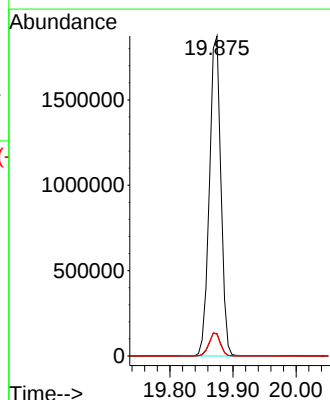
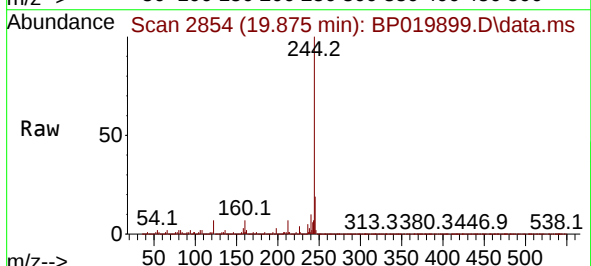
Tgt Ion:244 Resp: 2369889

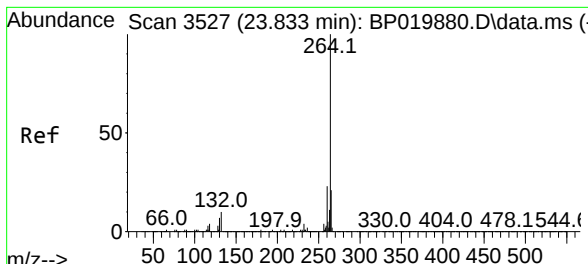
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 6.7 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.821 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP019899.D
 Acq: 27 Feb 2024 16:34

Instrument : BNA_P
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Tgt Ion:264 Resp: 760754

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.6	17.4	26.2

