

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019898.D
 Acq On : 27 Feb 2024 16:00
 Operator : MA/JU
 Sample : P1523-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20240764-COMPOSITE-39N-N-3-02

Quant Time: Feb 27 16:32:56 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	95238	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	377466	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	270314	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	610825	20.000	ng	0.00
76) Chrysene-d12	21.398	240	517022	20.000	ng	-0.01
86) Perylene-d12	23.821	264	451153	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	482822	83.211	ng	0.00
7) Phenol-d6	7.069	99	714205	82.674	ng	0.00
23) Nitrobenzene-d5	9.069	82	503690	53.871	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	311235	67.150	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	915118	45.740	ng	0.00
79) Terphenyl-d14	19.869	244	1293631	39.436	ng	-0.01

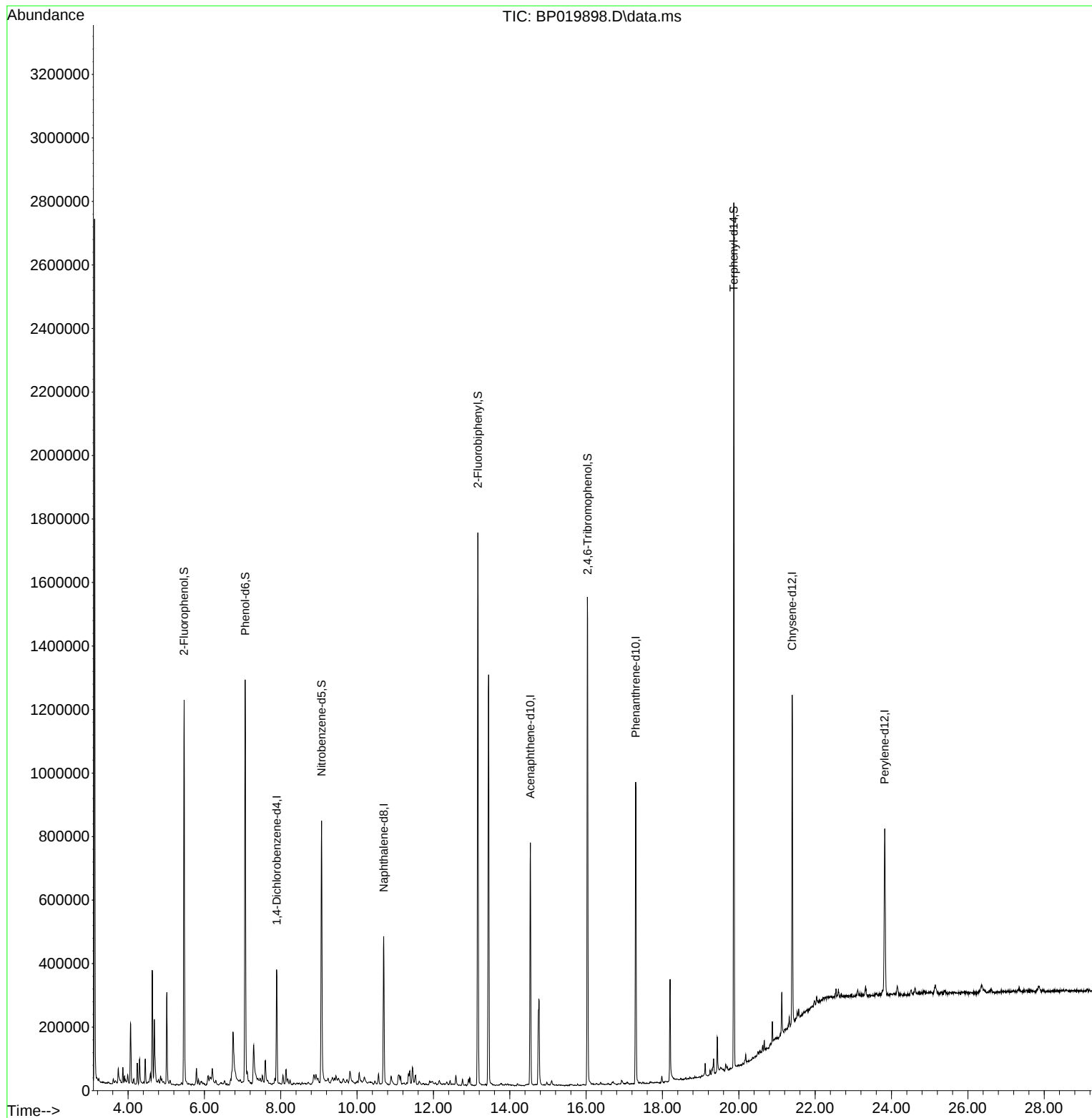
Target Compounds	Qvalue

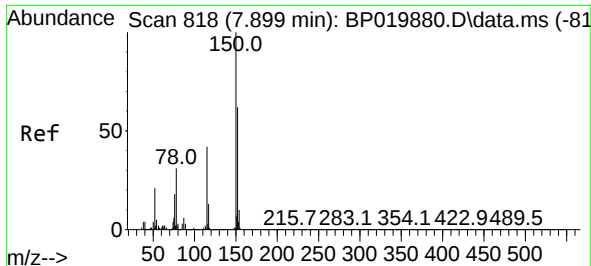
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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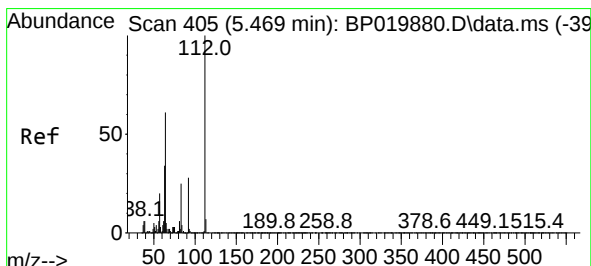
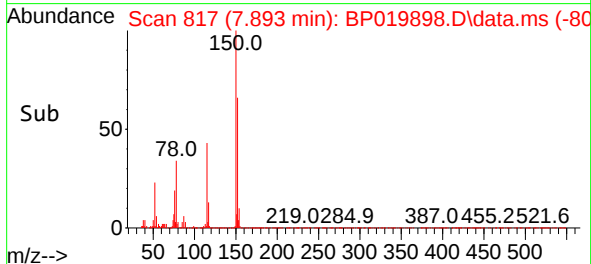
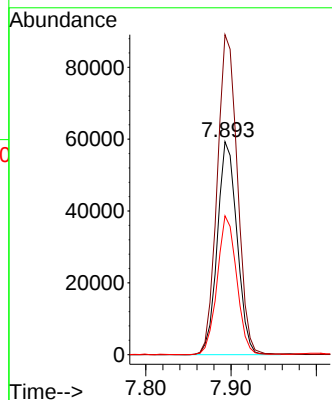
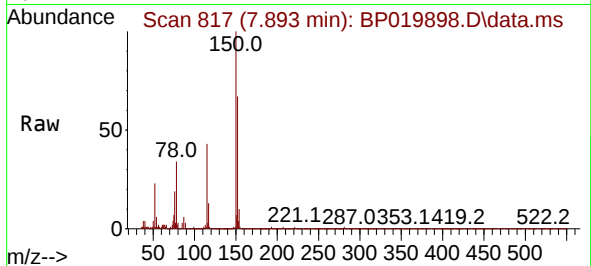




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019898.D
Acq: 27 Feb 2024 16:00

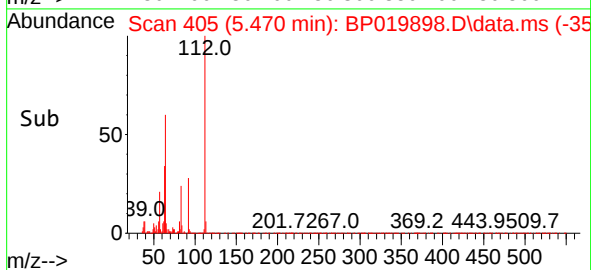
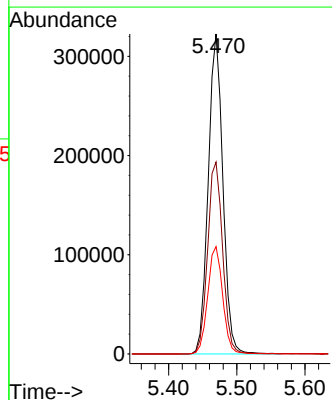
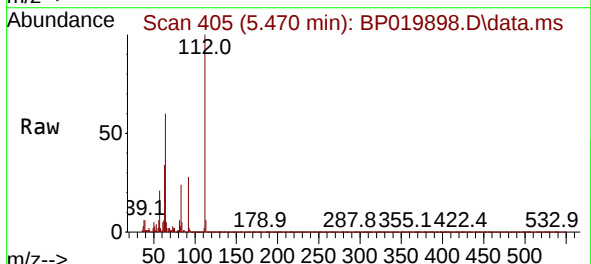
Instrument :
BNA_P
ClientSampleId :
20240764-COMPOSITE-39N-N-3-02

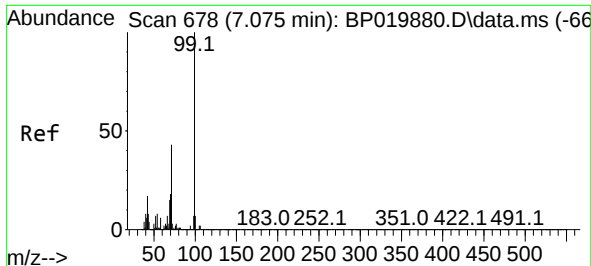
Tgt Ion:152 Resp: 95238
Ion Ratio Lower Upper
152 100
150 150.3 128.6 192.8
115 65.3 53.4 80.2



#5
2-Fluorophenol
Concen: 83.211 ng
RT: 5.470 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP019898.D
Acq: 27 Feb 2024 16:00

Tgt Ion:112 Resp: 482822
Ion Ratio Lower Upper
112 100
64 60.0 49.0 73.6
63 33.6 27.6 41.4

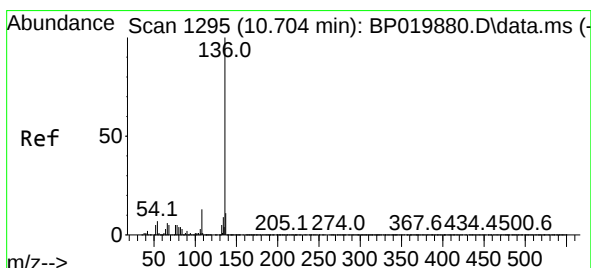
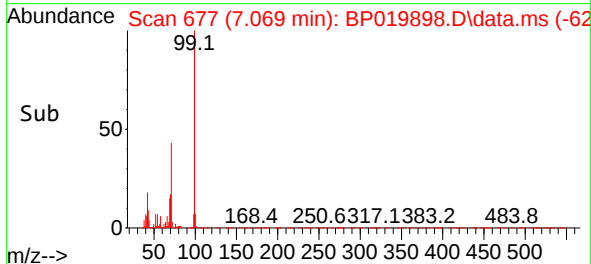
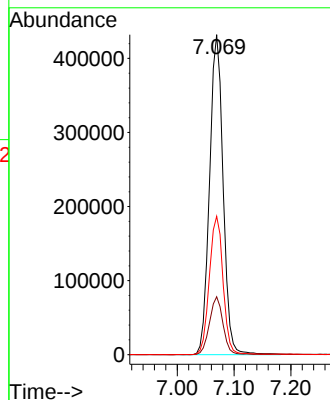
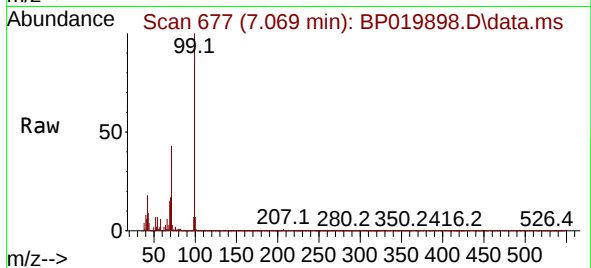




#7
Phenol-d6
Concen: 82.674 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019898.D
Acq: 27 Feb 2024 16:00

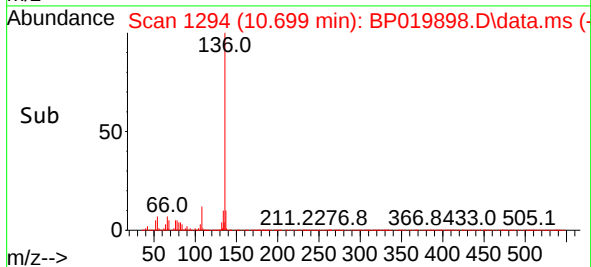
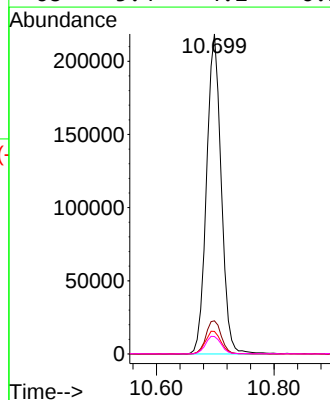
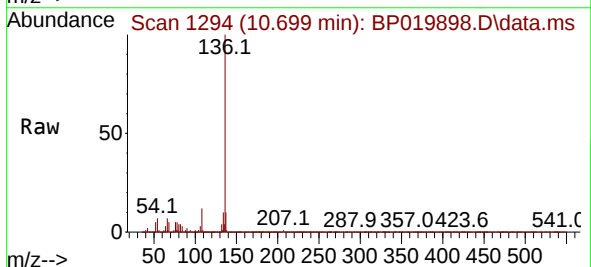
Instrument :
BNA_P
ClientSampleId :
20240764-COMPOSITE-39N-N-3-02

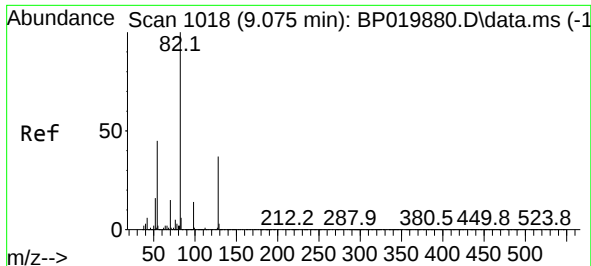
Tgt Ion: 99 Resp: 714205
Ion Ratio Lower Upper
99 100
42 18.1 13.8 20.8
71 43.2 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019898.D
Acq: 27 Feb 2024 16:00

Tgt Ion: 136 Resp: 377466
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 7.0 6.0 9.0
68 5.4 4.2 6.2

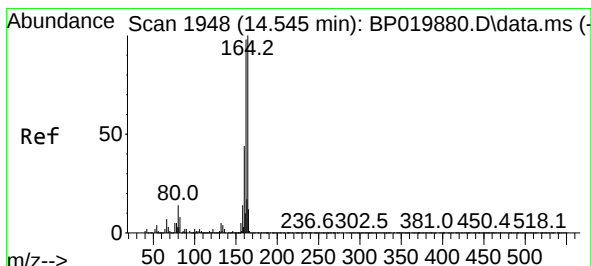
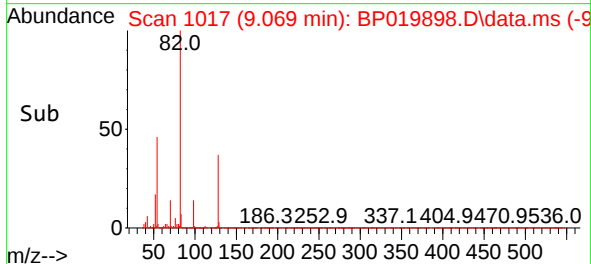
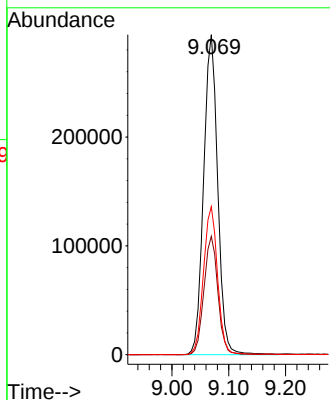
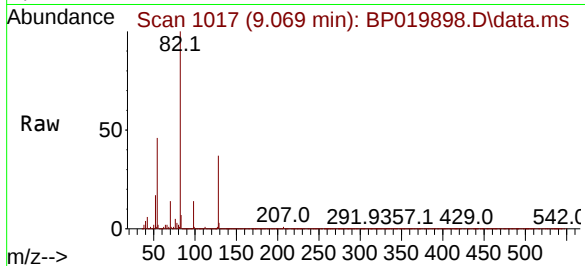




#23
Nitrobenzene-d5
Concen: 53.871 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP019898.D
Acq: 27 Feb 2024 16:00

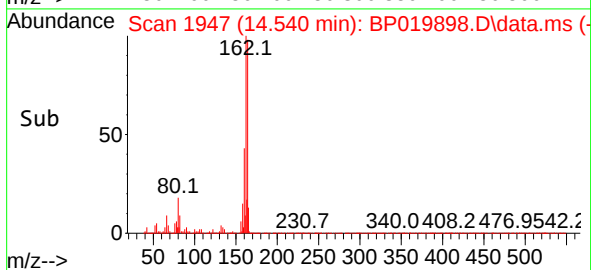
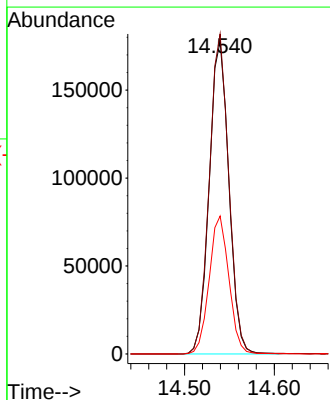
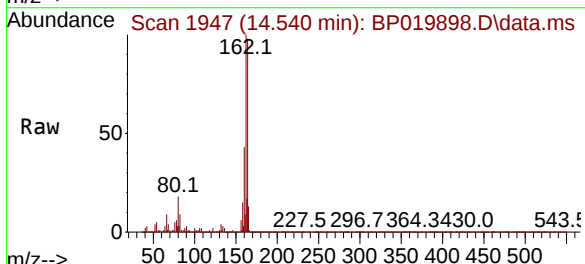
Instrument :
BNA_P
ClientSampleId :
20240764-COMPOSITE-39N-N-3-02

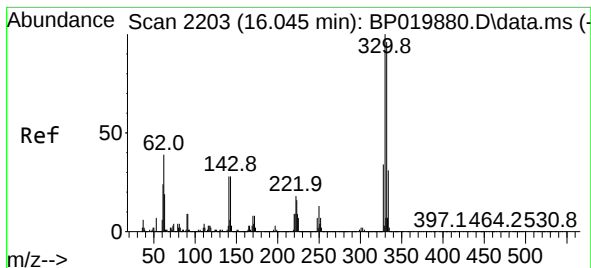
Tgt Ion: 82 Resp: 503690
Ion Ratio Lower Upper
82 100
128 37.0 29.6 44.4
54 46.2 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019898.D
Acq: 27 Feb 2024 16:00

Tgt Ion: 164 Resp: 270314
Ion Ratio Lower Upper
164 100
162 102.4 78.1 117.1
160 44.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 67.150 ng

RT: 16.040 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019898.D

Acq: 27 Feb 2024 16:00

Instrument :

BNA_P

ClientSampleId :

20240764-COMPOSITE-39N-N-3-02

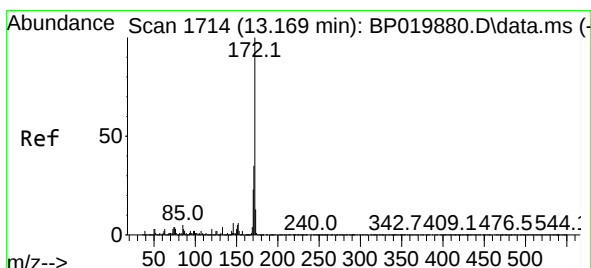
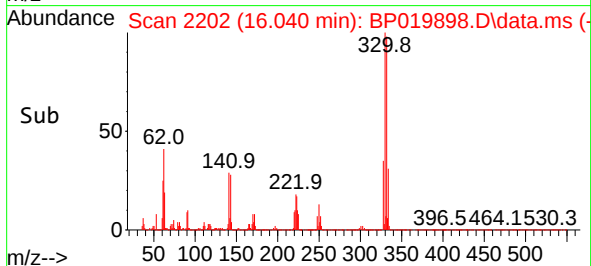
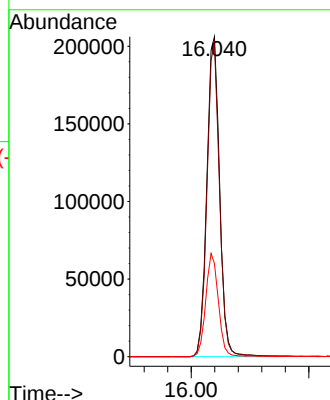
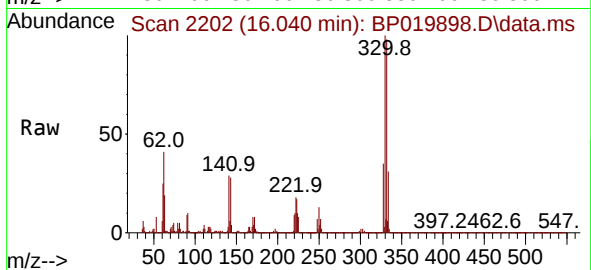
Tgt Ion:330 Resp: 311235

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

141 31.9 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 45.740 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP019898.D

Acq: 27 Feb 2024 16:00

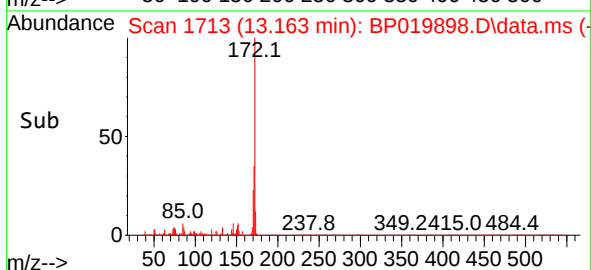
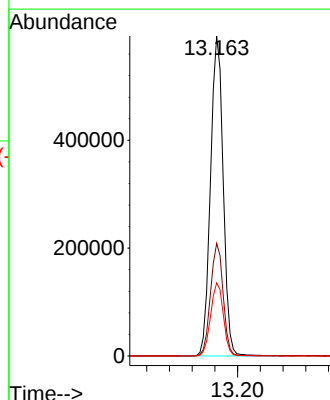
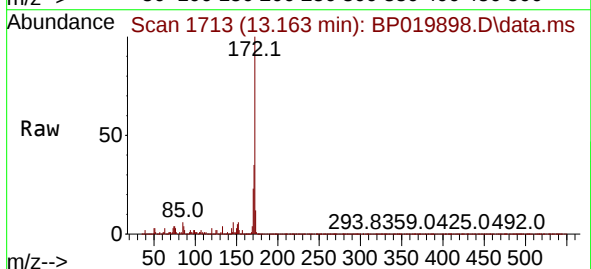
Tgt Ion:172 Resp: 915118

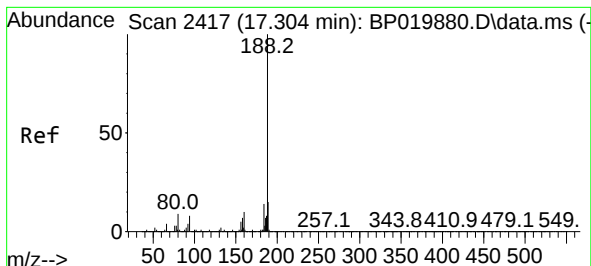
Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.6

170 22.9 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: BP019898.D

Acq: 27 Feb 2024 16:00

Instrument :

BNA_P

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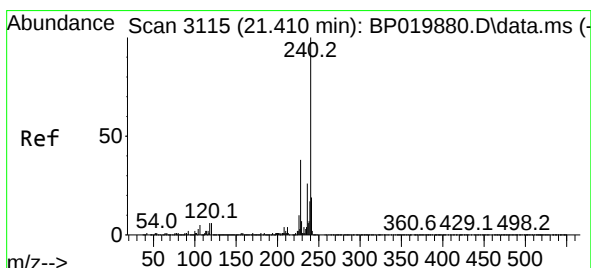
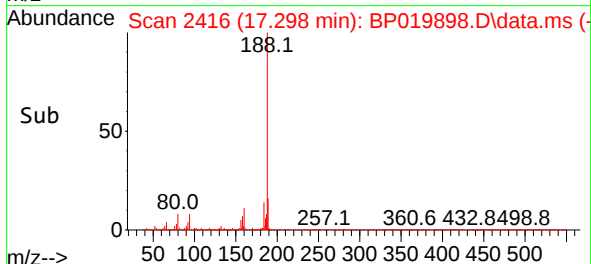
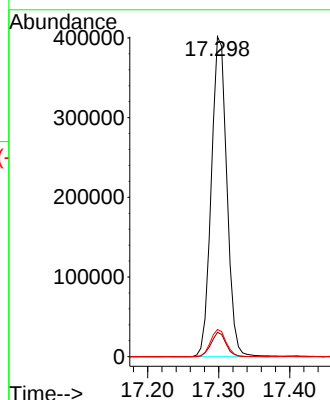
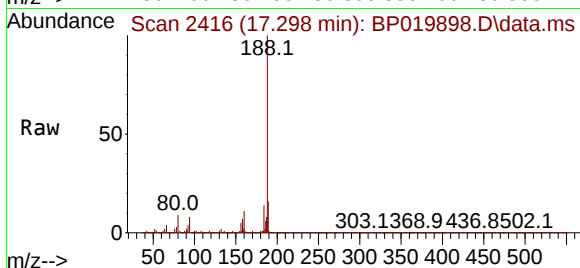
Tgt Ion:188 Resp: 610825

Ion Ratio Lower Upper

188 100

94 7.6 6.2 9.4

80 8.5 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: BP019898.D

Acq: 27 Feb 2024 16:00

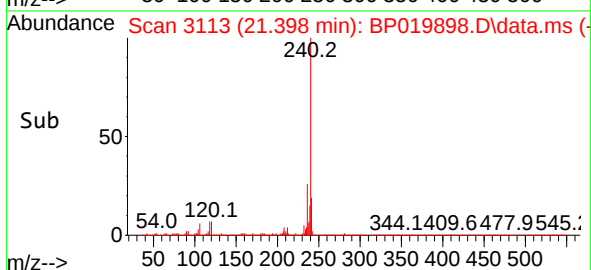
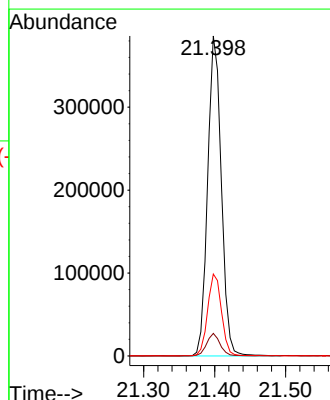
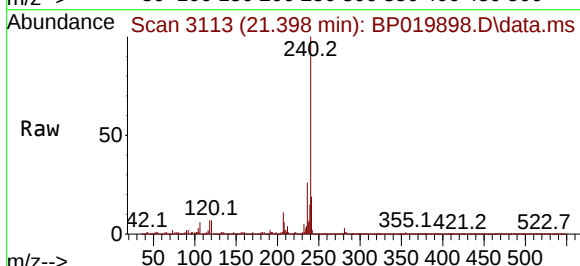
Tgt Ion:240 Resp: 517022

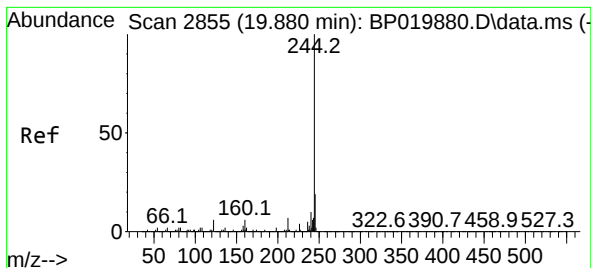
Ion Ratio Lower Upper

240 100

120 7.1 5.1 7.7

236 25.6 20.5 30.7





#79

Terphenyl-d14

Concen: 39.436 ng

RT: 19.869 min Scan# 2853

Delta R.T. -0.012 min

Lab File: BP019898.D

Acq: 27 Feb 2024 16:00

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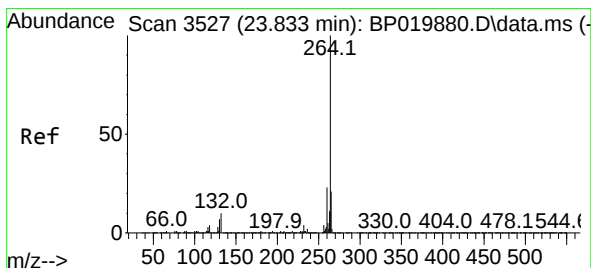
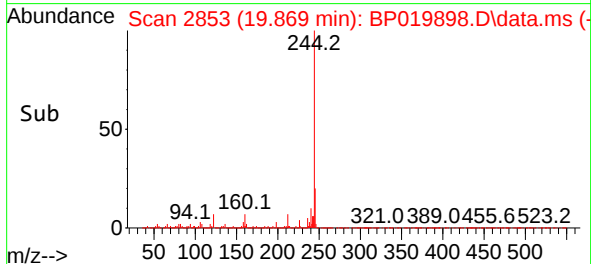
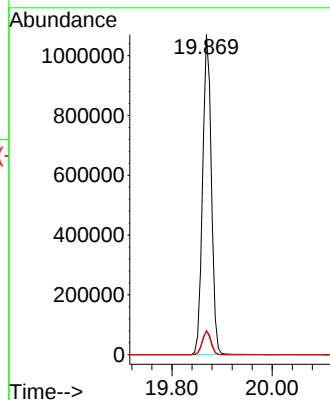
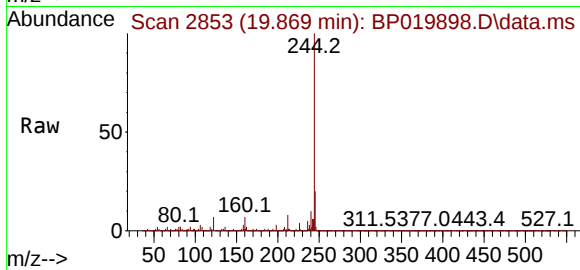
Tgt Ion:244 Resp: 1293631

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 7.4 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: BP019898.D

Acq: 27 Feb 2024 16:00

Tgt Ion:264 Resp: 451153

Ion Ratio Lower Upper

264 100

260 24.7 18.7 28.1

265 22.5 17.4 26.2

