

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
 Data File : BP019925.D
 Acq On : 28 Feb 2024 20:01
 Operator : MA/JU
 Sample : P1610-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-02-02272024

Quant Time: Feb 29 00:35:12 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	117019	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	455574	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	312598	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	605719	20.000	ng	0.00
76) Chrysene-d12	21.410	240	432974	20.000	ng	0.00
86) Perylene-d12	23.845	264	497470	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	231026	32.405	ng	0.00
7) Phenol-d6	7.069	99	339957	32.027	ng	0.00
23) Nitrobenzene-d5	9.069	82	238075	21.097	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	184325	34.389	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	609883	26.360	ng	0.00
79) Terphenyl-d14	19.874	244	774848	28.207	ng	0.00

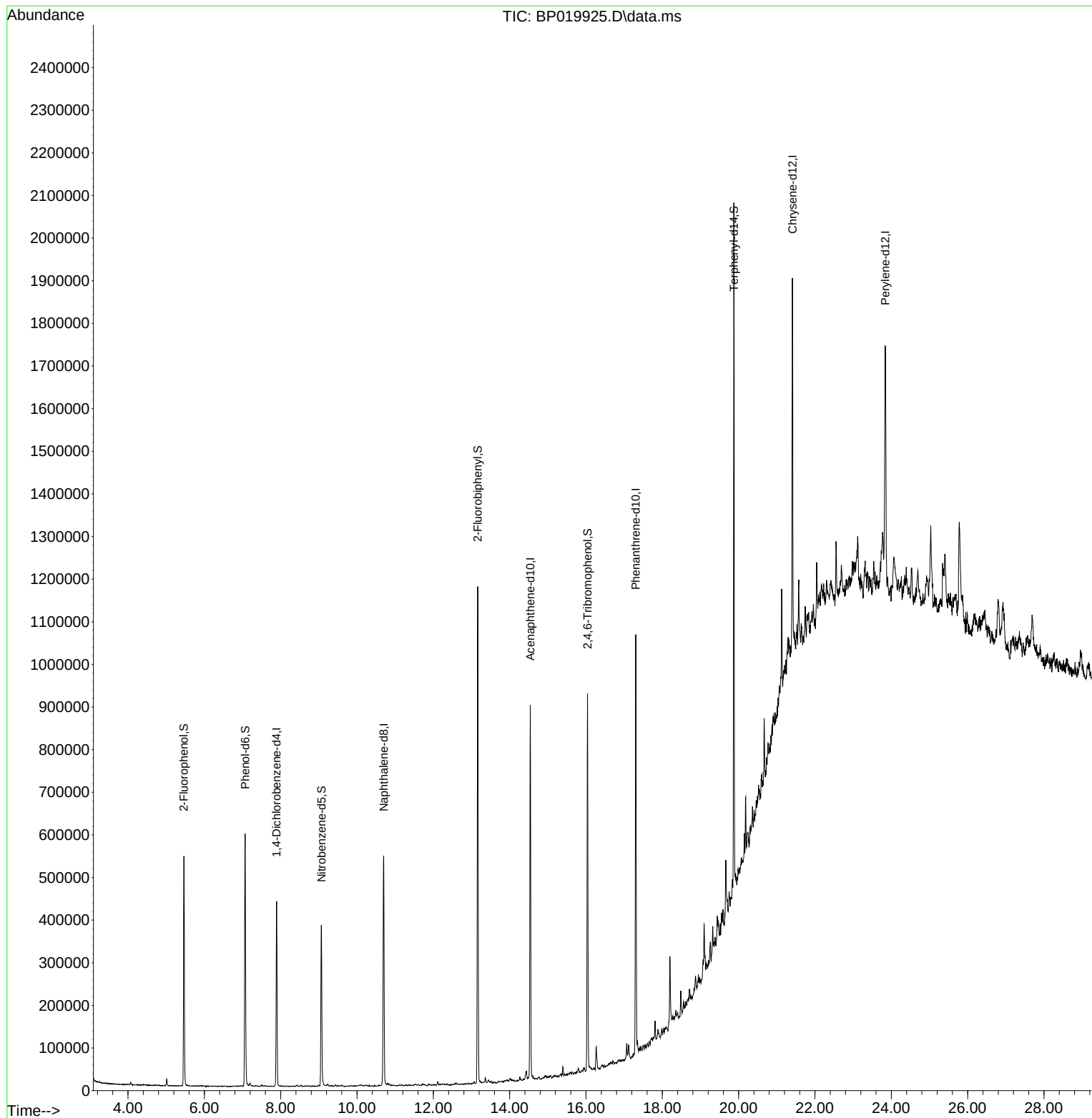
Target Compounds	Qvalue

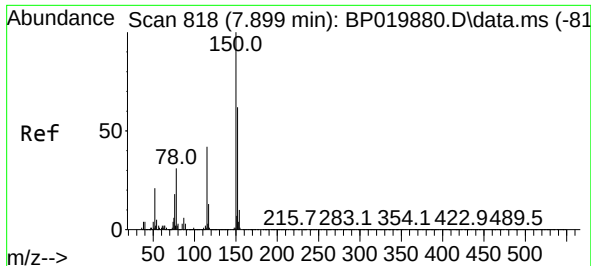
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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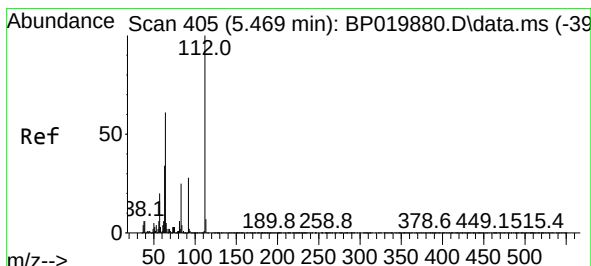
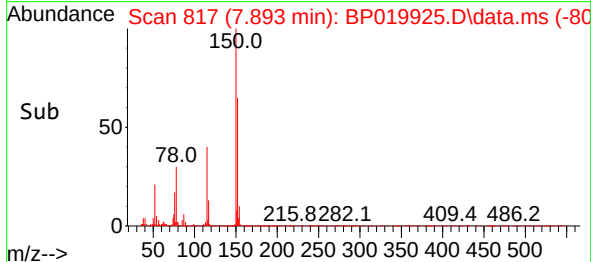
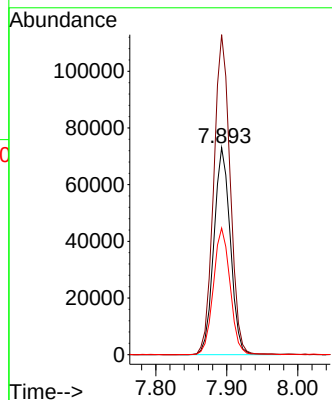
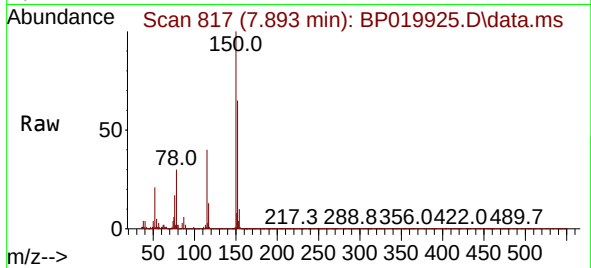




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019925.D
Acq: 28 Feb 2024 20:01

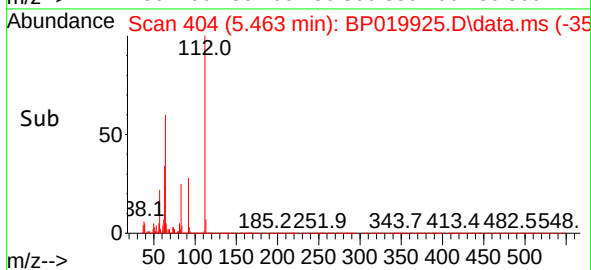
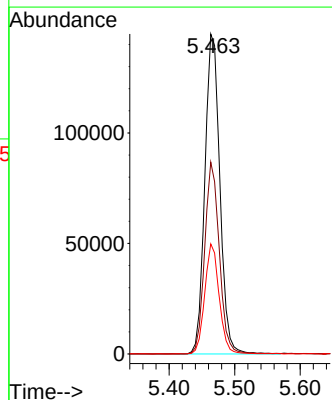
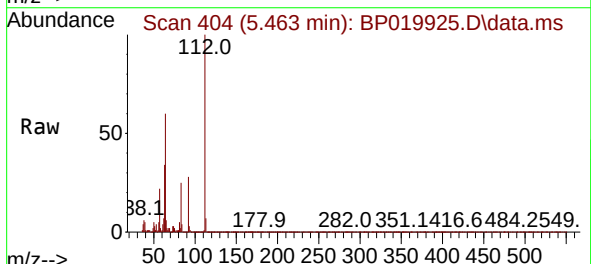
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024

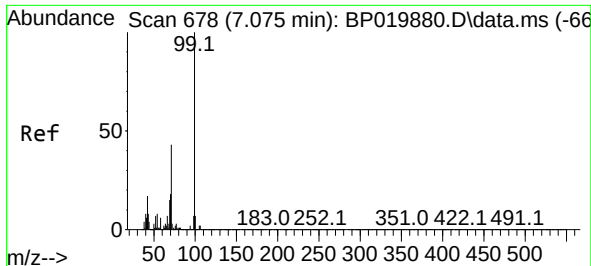
Tgt Ion:152 Resp: 117019
Ion Ratio Lower Upper
152 100
150 154.6 128.6 192.8
115 61.2 53.4 80.2



#5
2-Fluorophenol
Concen: 32.405 ng
RT: 5.463 min Scan# 404
Delta R.T. -0.006 min
Lab File: BP019925.D
Acq: 28 Feb 2024 20:01

Tgt Ion:112 Resp: 231026
Ion Ratio Lower Upper
112 100
64 59.9 49.0 73.6
63 34.4 27.6 41.4

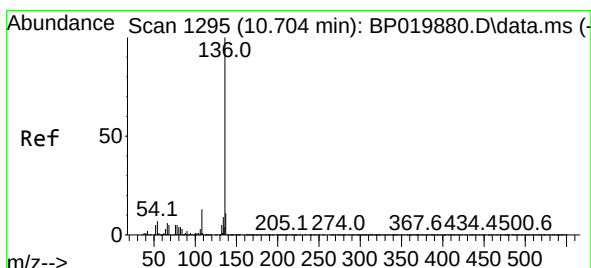
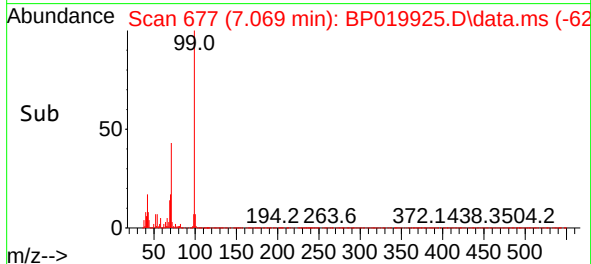
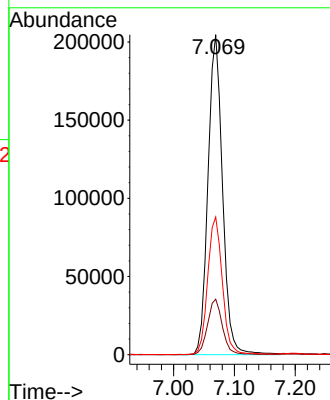
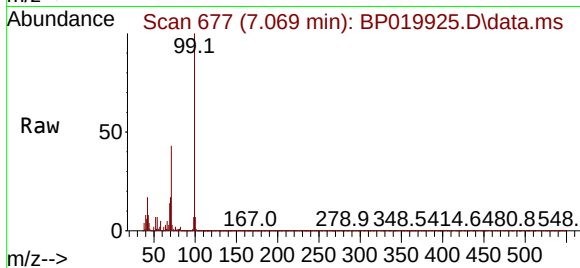




#7
Phenol-d6
Concen: 32.027 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019925.D
Acq: 28 Feb 2024 20:01

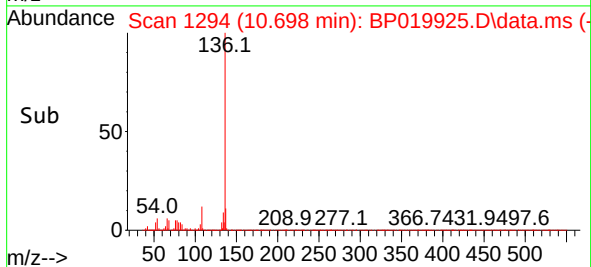
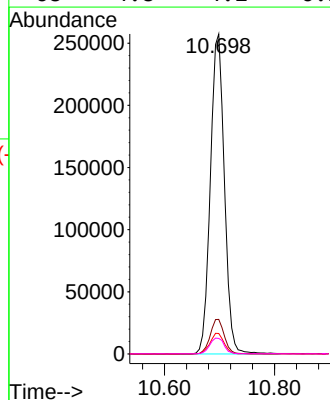
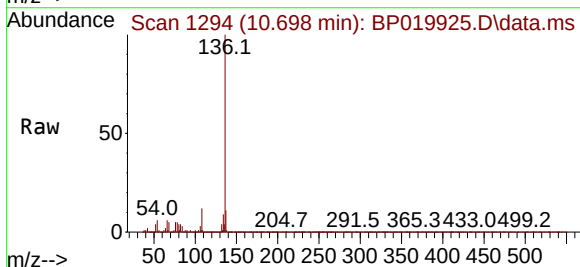
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024

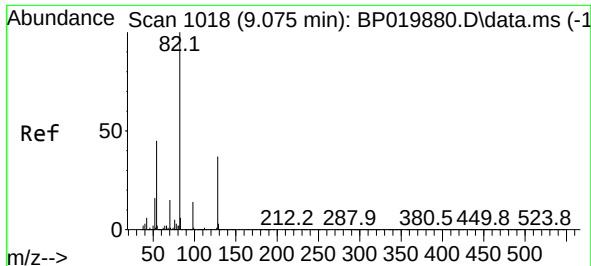
Tgt Ion:	99	Resp:	339957
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.8
71	43.0	34.5	51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019925.D
Acq: 28 Feb 2024 20:01

Tgt Ion:	136	Resp:	455574
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.4	6.0	9.0
68	4.8	4.2	6.2





#23

Nitrobenzene-d5

Concen: 21.097 ng

RT: 9.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BP019925.D

Acq: 28 Feb 2024 20:01

Instrument :

BNA_P

ClientSampleId :

SU-02-02272024

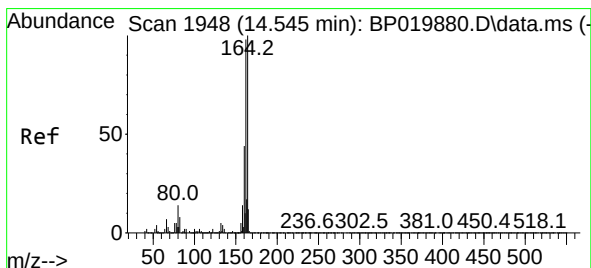
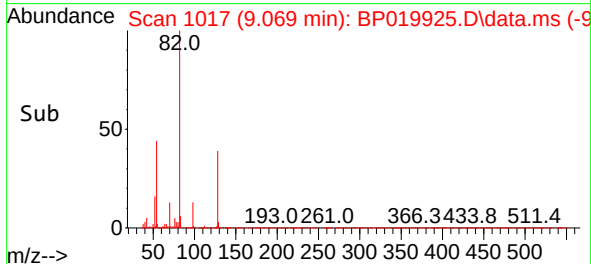
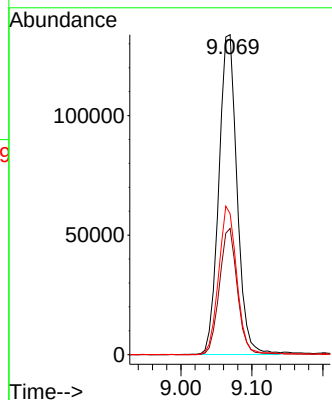
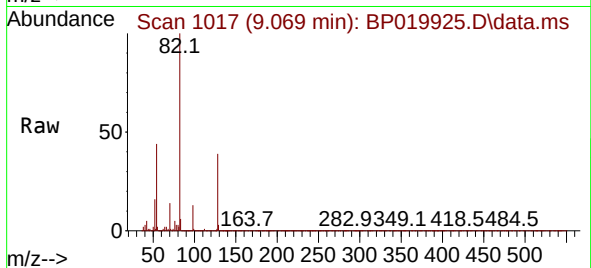
Tgt Ion: 82 Resp: 238075

Ion Ratio Lower Upper

82 100

128 39.5 29.6 44.4

54 44.1 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: BP019925.D

Acq: 28 Feb 2024 20:01

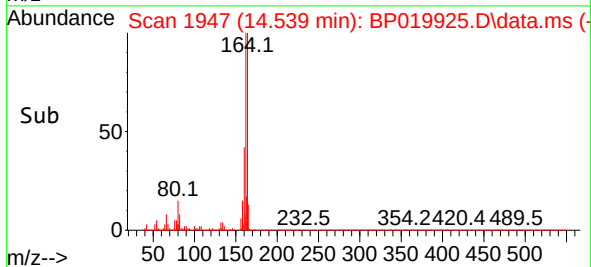
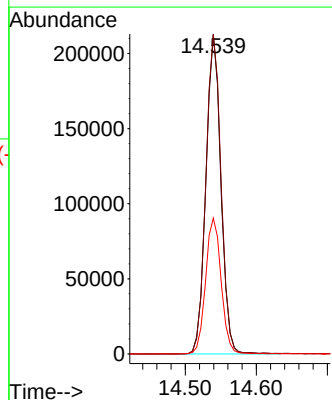
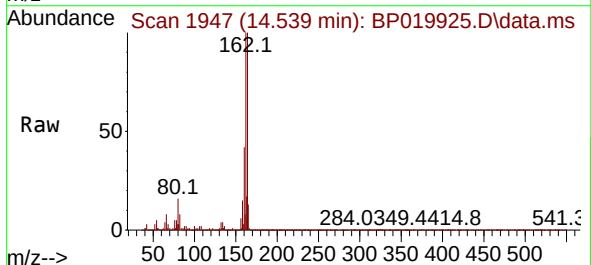
Tgt Ion:164 Resp: 312598

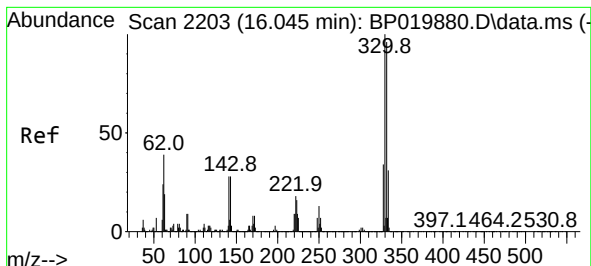
Ion Ratio Lower Upper

164 100

162 100.2 78.1 117.1

160 42.6 35.3 52.9

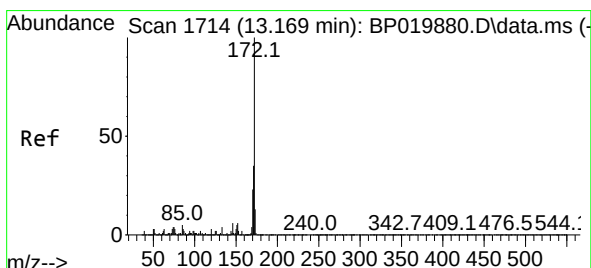
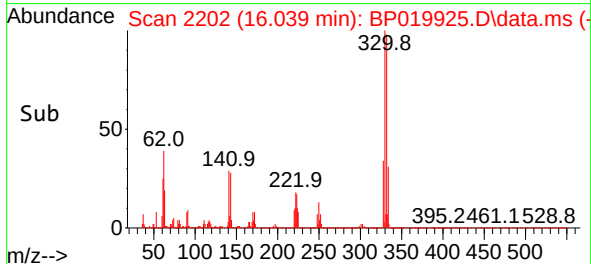
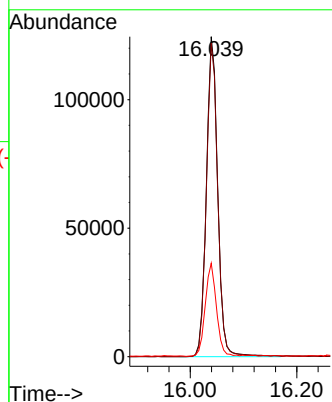
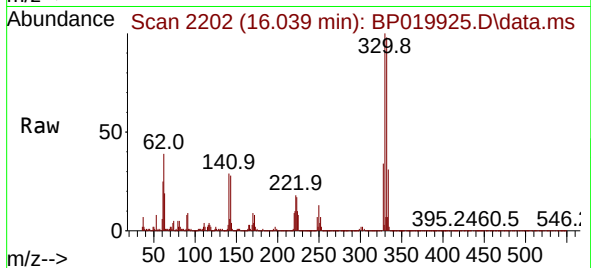




#42
2,4,6-Tribromophenol
Concen: 34.389 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019925.D
Acq: 28 Feb 2024 20:01

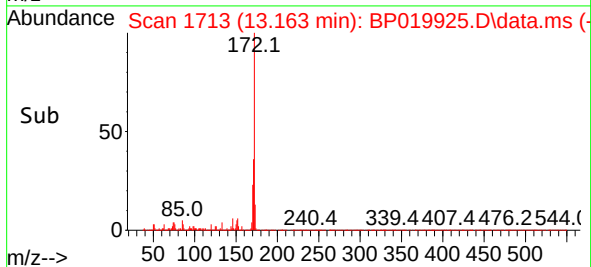
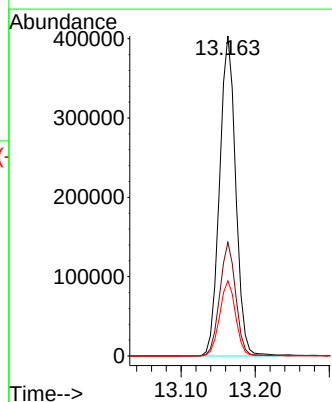
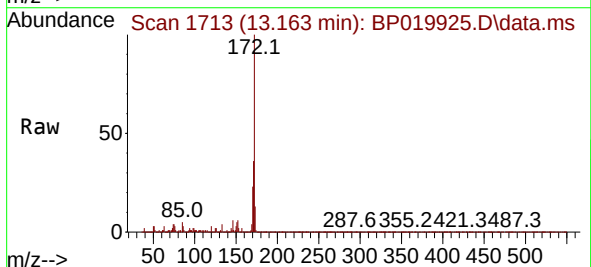
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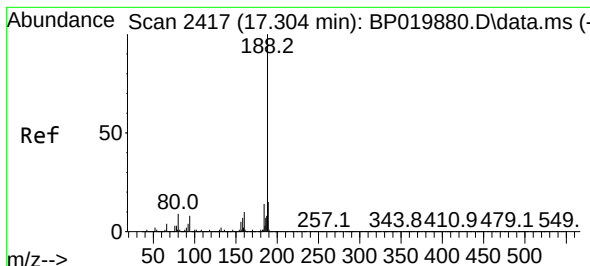
Tgt Ion:330 Resp: 184325
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.2
141 28.7 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 26.360 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP019925.D
Acq: 28 Feb 2024 20:01

Tgt Ion:172 Resp: 609883
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.6
170 23.5 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BP019925.D

Acq: 28 Feb 2024 20:01

Instrument :

BNA_P

ClientSampleId :

SU-02-02272024

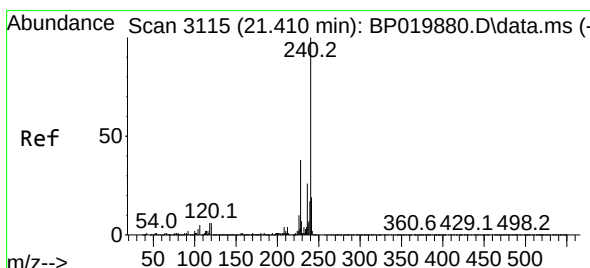
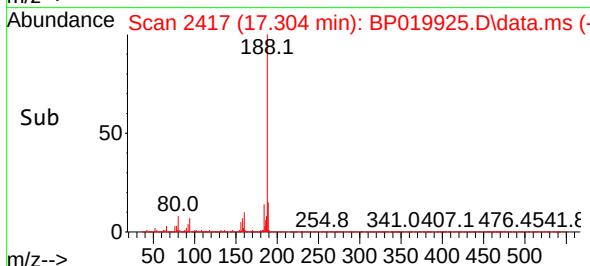
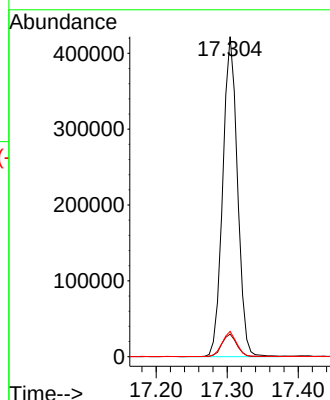
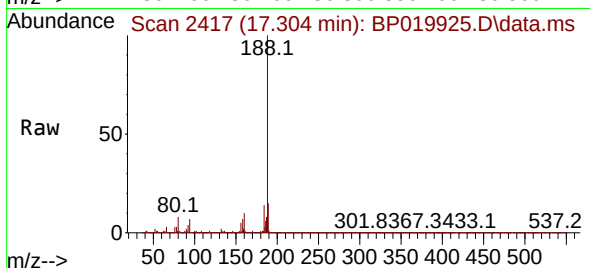
Tgt Ion:188 Resp: 605719

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.4

80 7.9 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP019925.D

Acq: 28 Feb 2024 20:01

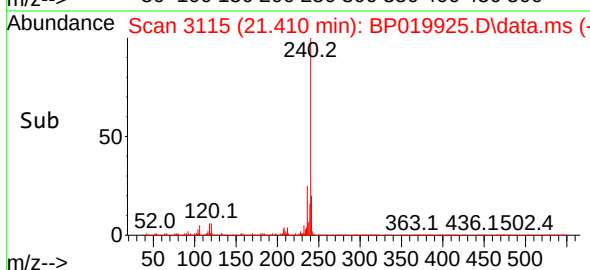
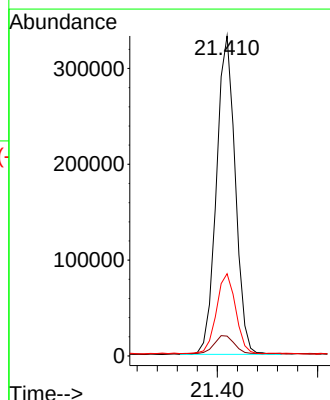
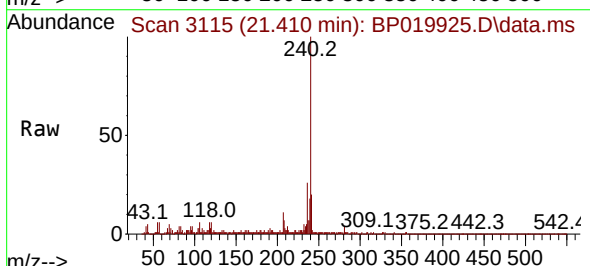
Tgt Ion:240 Resp: 432974

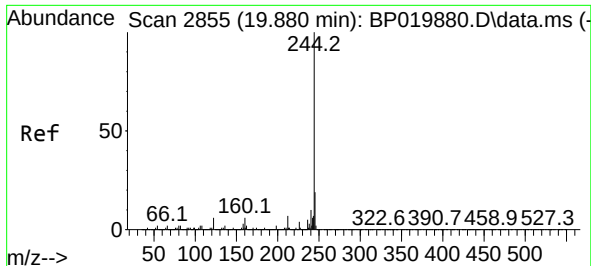
Ion Ratio Lower Upper

240 100

120 6.2 5.1 7.7

236 25.7 20.5 30.7

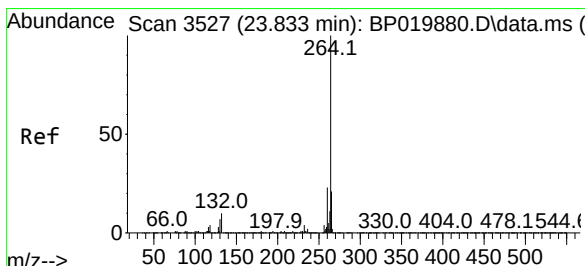
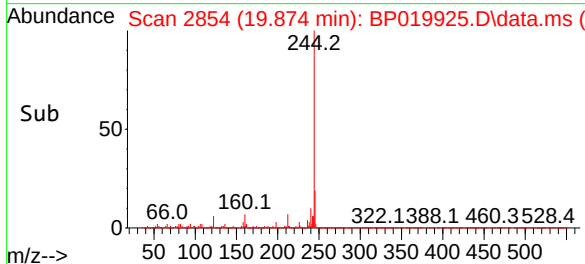
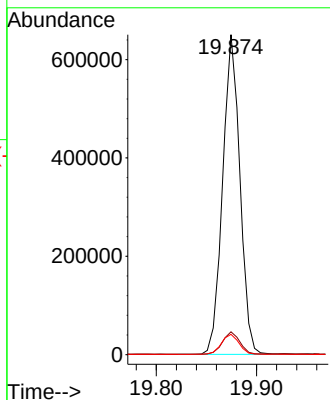
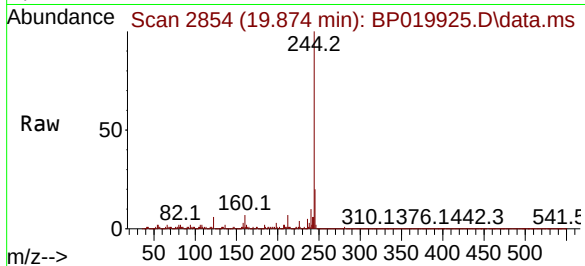




#79
 Terphenyl-d14
 Concen: 28.207 ng
 RT: 19.874 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019925.D
 Acq: 28 Feb 2024 20:01

Instrument :
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Tgt Ion:	244	Resp:	774848
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	6.4	5.0	7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.845 min Scan# 3529
 Delta R.T. 0.012 min
 Lab File: BP019925.D
 Acq: 28 Feb 2024 20:01

Tgt Ion:	264	Resp:	497470
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	23.0	17.4	26.2

