

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
 Data File : BP019833.D
 Acq On : 22 Feb 2024 20:04
 Operator : MA/JU
 Sample : P1560-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR20010

Quant Time: Feb 23 00:59:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	71431	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	268192	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	186912	20.000	ng	-0.01
64) Phenanthrene-d10	17.287	188	421032	20.000	ng	0.00
76) Chrysene-d12	21.380	240	419130	20.000	ng	-0.01
86) Perylene-d12	23.804	264	478966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	361998	81.689	ng	0.00
7) Phenol-d6	7.069	99	492377	82.404	ng	0.00
23) Nitrobenzene-d5	9.063	82	356053	57.527	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	282551	103.535	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	880732	58.251	ng	0.00
79) Terphenyl-d14	19.857	244	1736066	68.118	ng	0.00

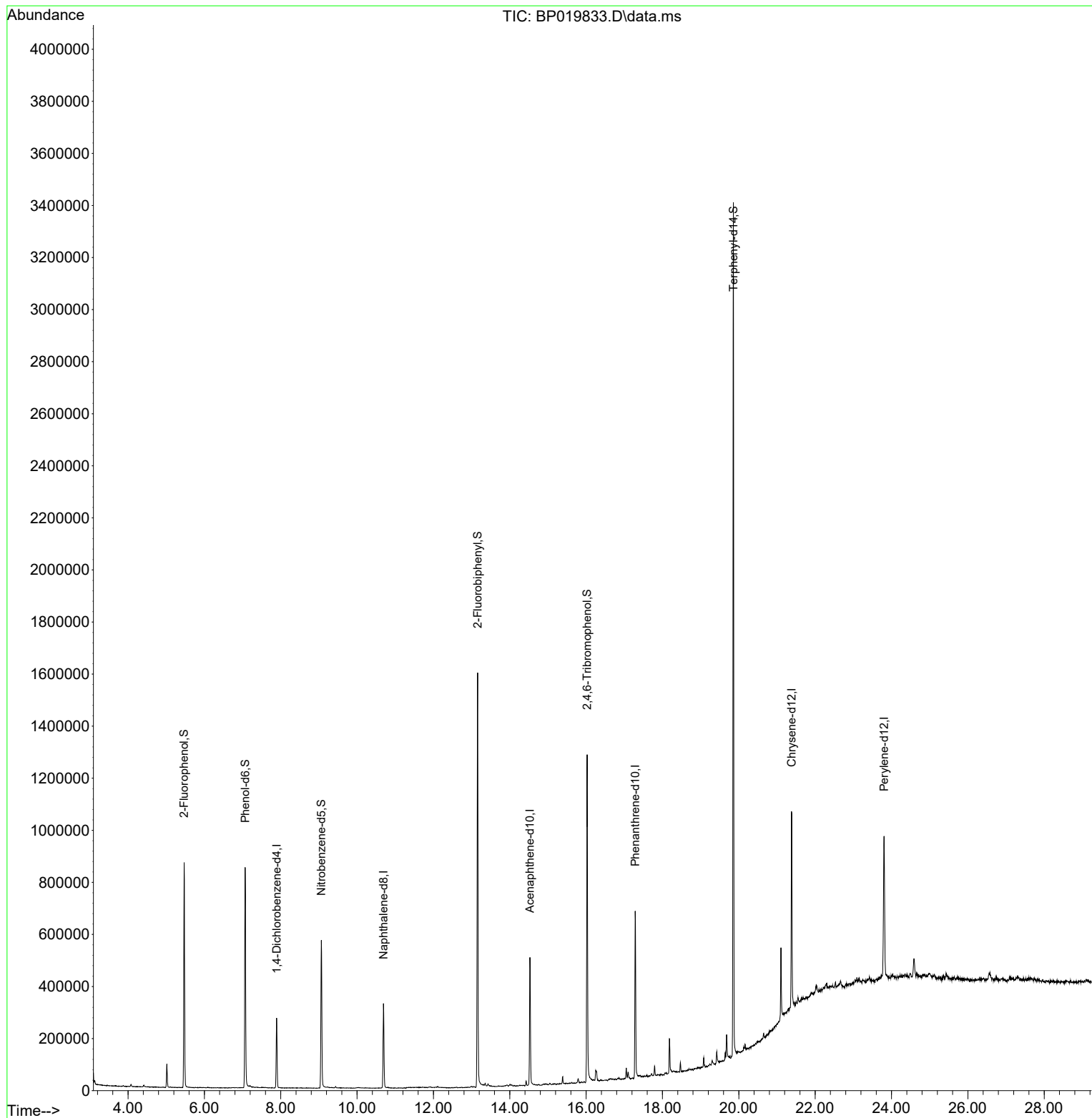
Target Compounds	Qvalue

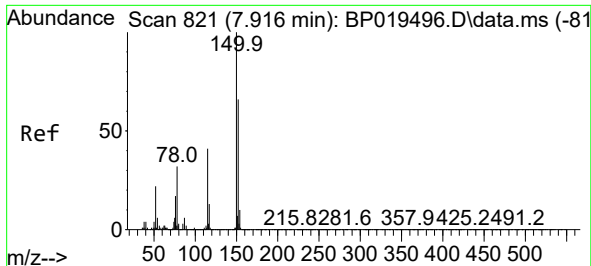
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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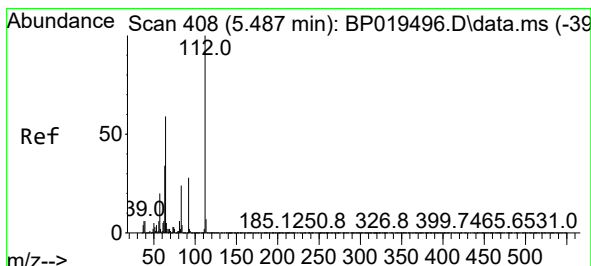
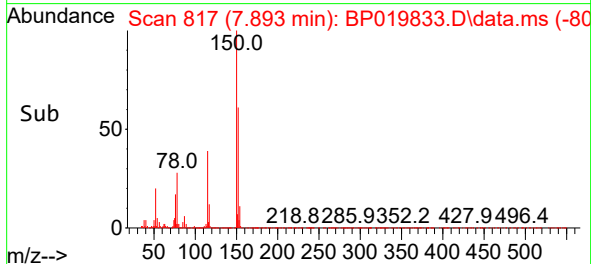
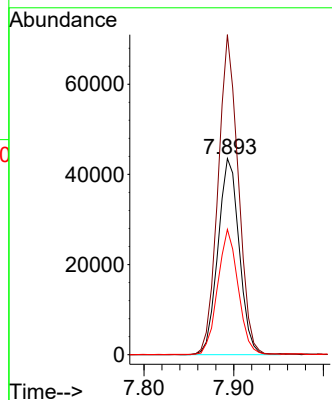
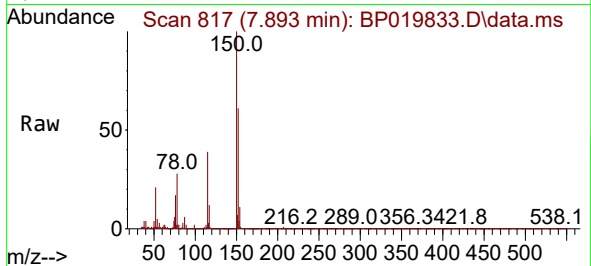




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019833.D
Acq: 22 Feb 2024 20:04

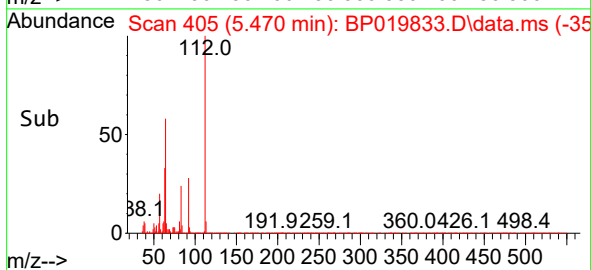
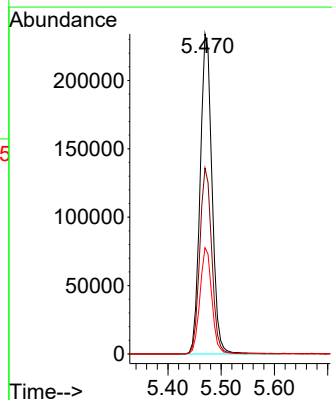
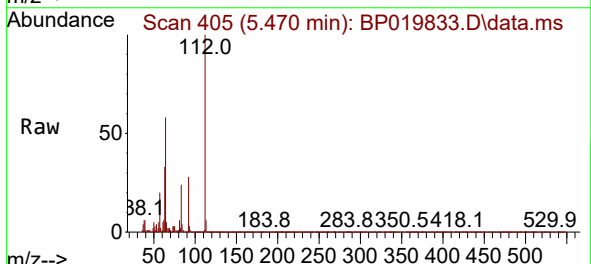
Instrument :
BNA_P
ClientSampleId :
RBR20010

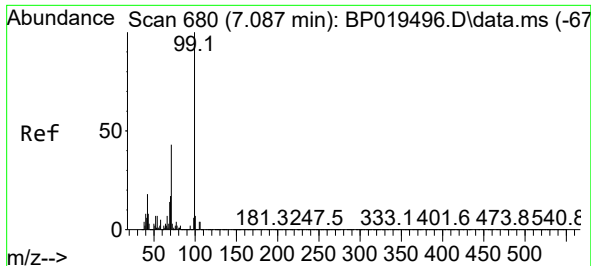
Tgt Ion:152 Resp: 71431
Ion Ratio Lower Upper
152 100
150 163.2 121.8 182.8
115 63.9 49.9 74.9



#5
2-Fluorophenol
Concen: 81.689 ng
RT: 5.470 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019833.D
Acq: 22 Feb 2024 20:04

Tgt Ion:112 Resp: 361998
Ion Ratio Lower Upper
112 100
64 58.1 47.4 71.0
63 33.2 27.0 40.6

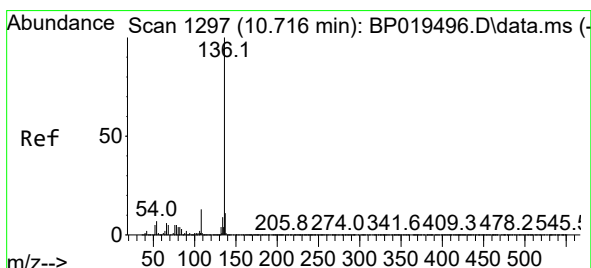
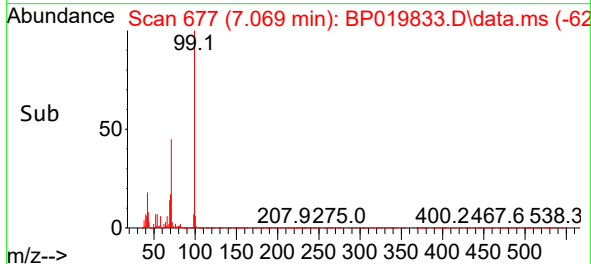
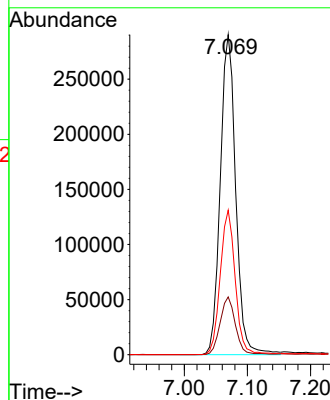
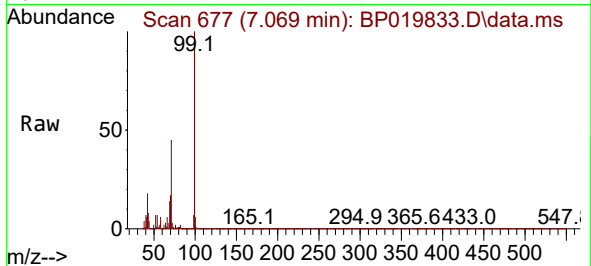




#7
Phenol-d6
Concen: 82.404 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019833.D
Acq: 22 Feb 2024 20:04

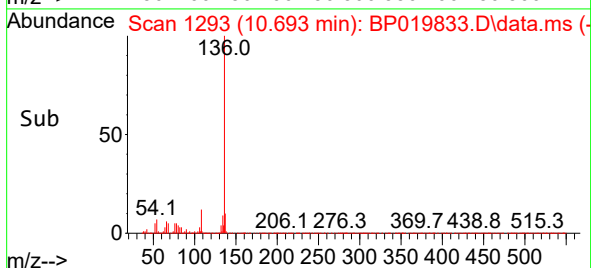
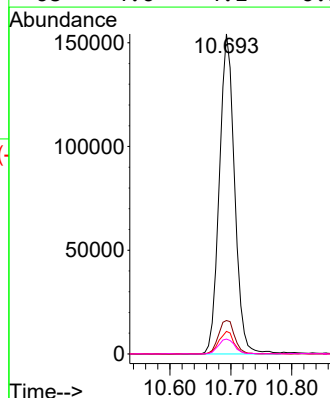
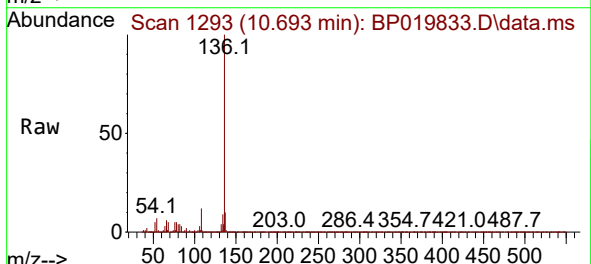
Instrument :
BNA_P
ClientSampleId :
RBR20010

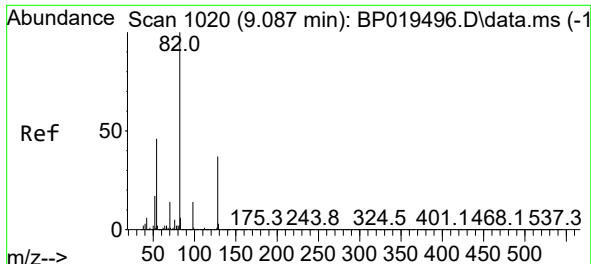
Tgt Ion: 99 Resp: 492377
Ion Ratio Lower Upper
99 100
42 18.1 14.7 22.1
71 45.2 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019833.D
Acq: 22 Feb 2024 20:04

Tgt Ion: 136 Resp: 268192
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.0 5.3 7.9
68 4.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 57.527 ng

RT: 9.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BP019833.D

Acq: 22 Feb 2024 20:04

Instrument :

BNA_P

ClientSampleId :

RBR20010

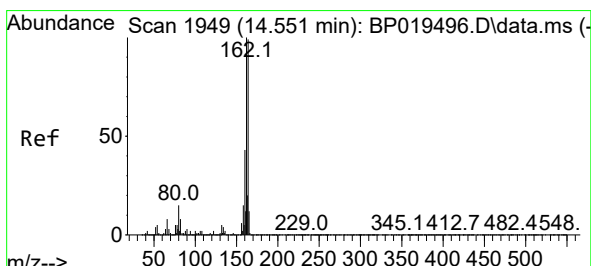
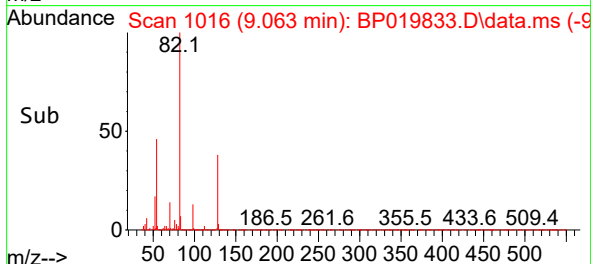
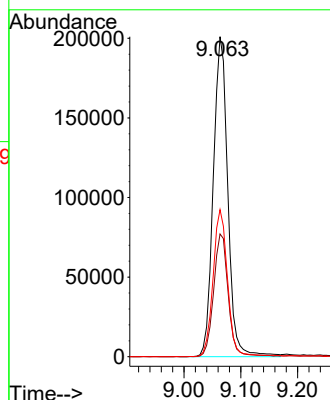
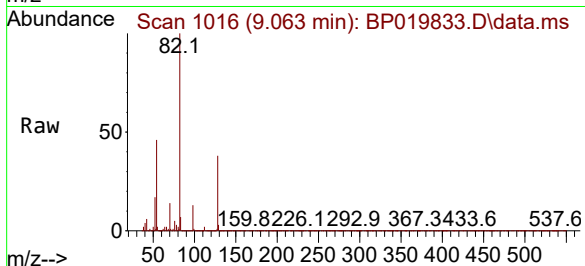
Tgt Ion: 82 Resp: 356053

Ion Ratio Lower Upper

82 100

128 38.4 29.7 44.5

54 45.9 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.528 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BP019833.D

Acq: 22 Feb 2024 20:04

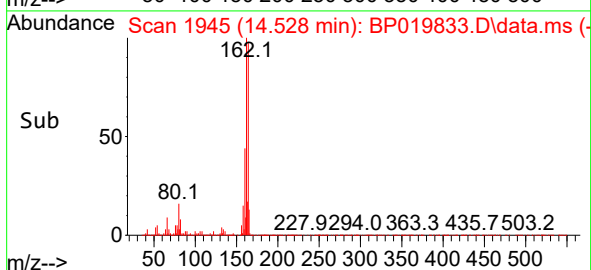
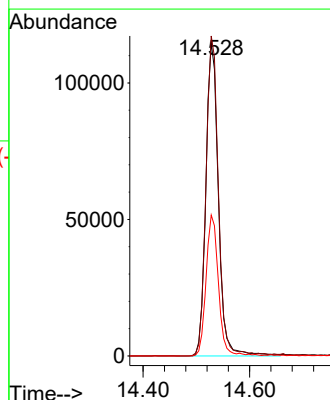
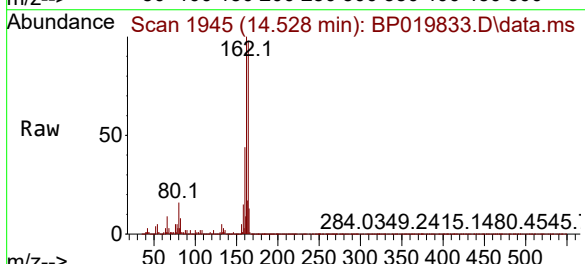
Tgt Ion: 164 Resp: 186912

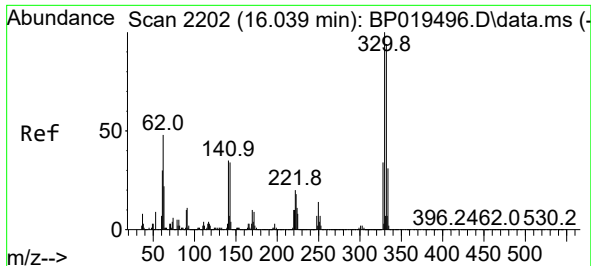
Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

160 45.0 35.1 52.7

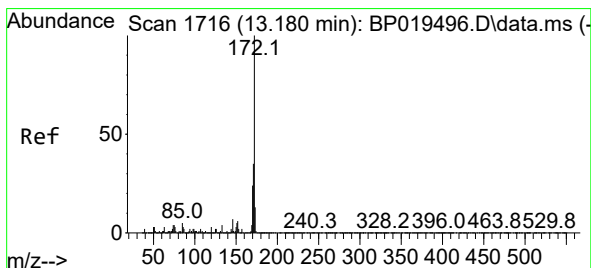
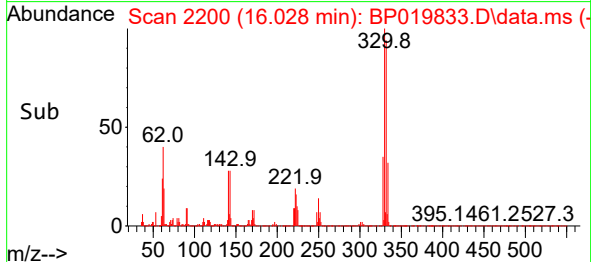
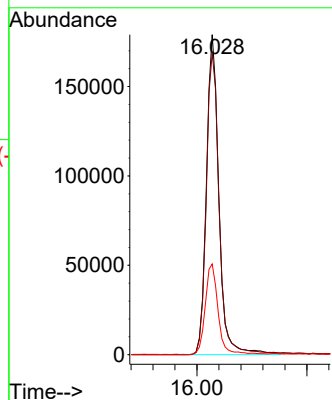
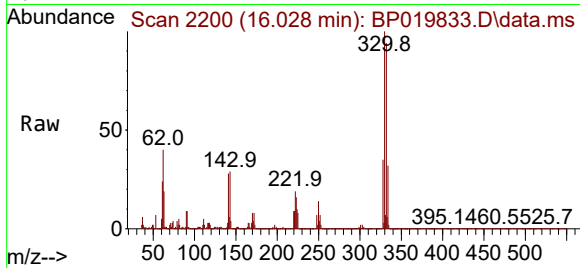




#42
2,4,6-Tribromophenol
Concen: 103.535 ng
RT: 16.028 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019833.D
Acq: 22 Feb 2024 20:04

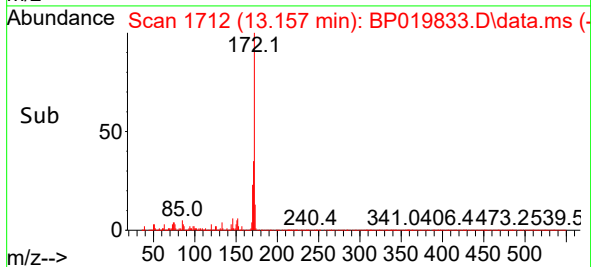
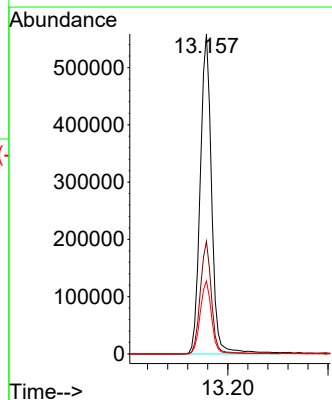
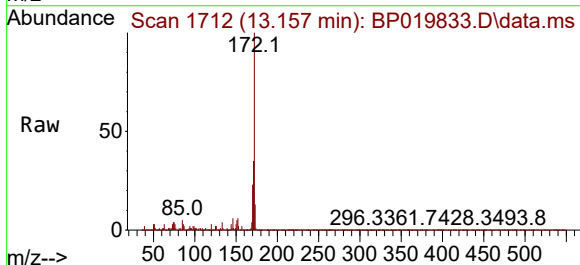
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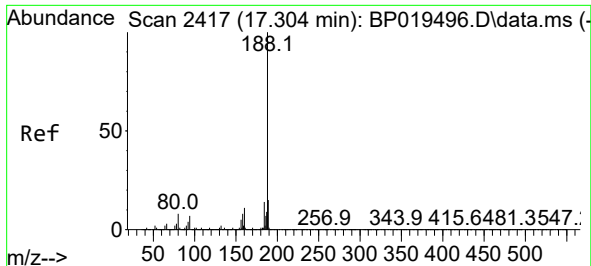
Tgt Ion:330 Resp: 282551
Ion Ratio Lower Upper
330 100
332 97.2 77.2 115.8
141 29.0 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 58.251 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP019833.D
Acq: 22 Feb 2024 20:04

Tgt Ion:172 Resp: 880732
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 22.8 18.9 28.3

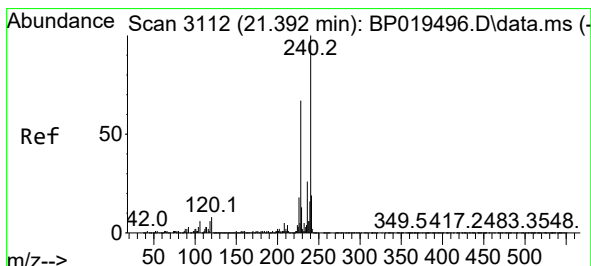
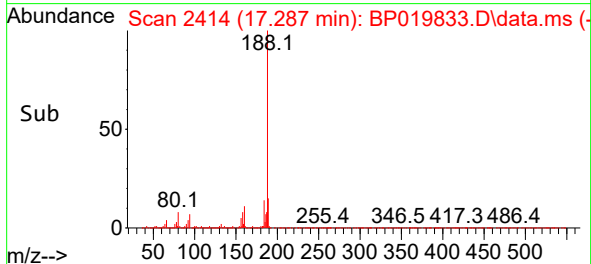
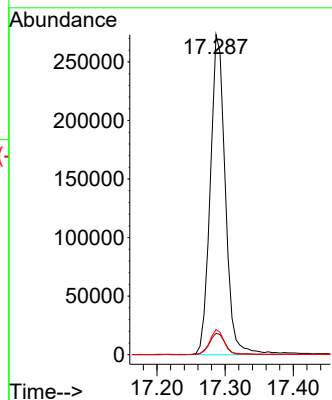
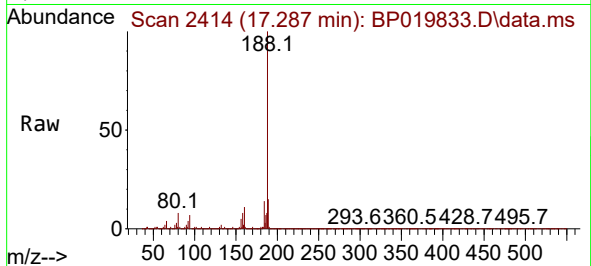




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.287 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP019833.D
Acq: 22 Feb 2024 20:04

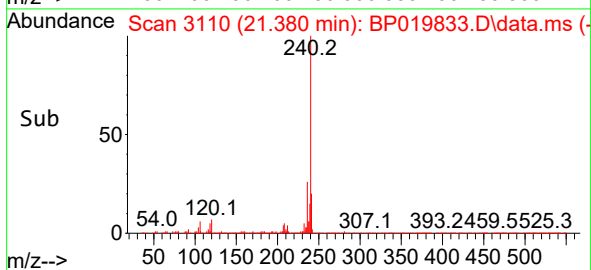
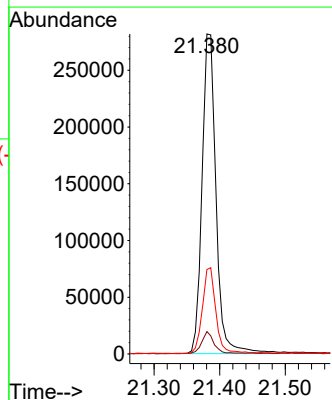
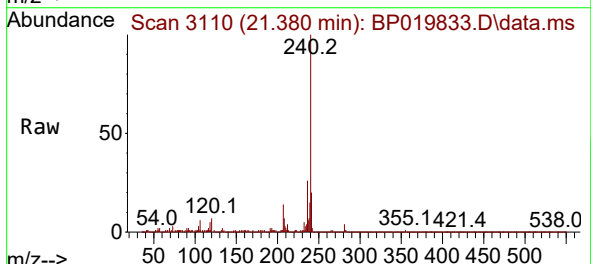
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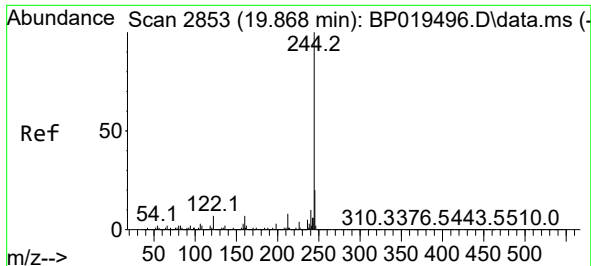
Tgt Ion:188 Resp: 421032
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.2
80 7.9 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP019833.D
Acq: 22 Feb 2024 20:04

Tgt Ion:240 Resp: 419130
Ion Ratio Lower Upper
240 100
120 7.0 6.1 9.1
236 26.4 20.7 31.1

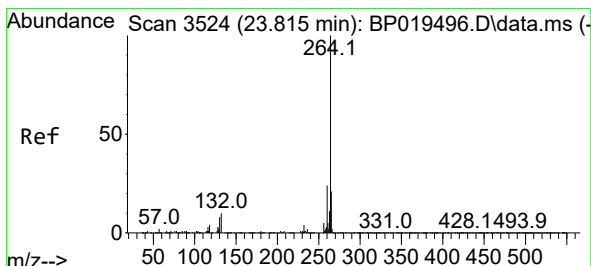
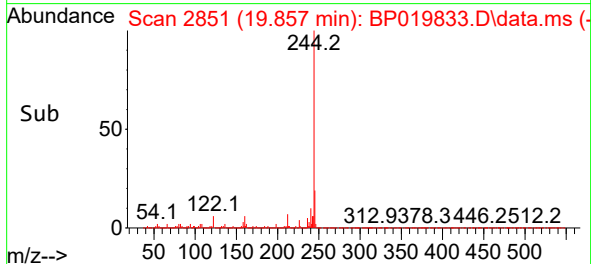
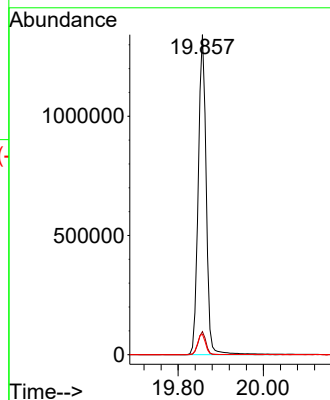
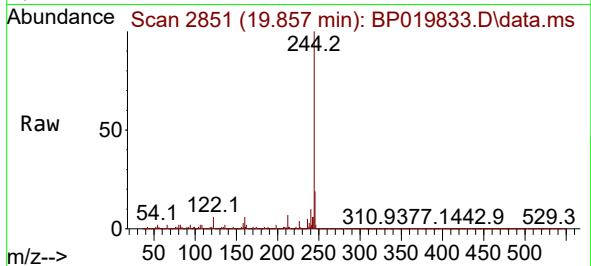




#79
 Terphenyl-d14
 Concen: 68.118 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019833.D
 Acq: 22 Feb 2024 20:04

Instrument :
 BNA_P
 ClientSampleId :
 RBR20010

Tgt Ion:244 Resp: 1736066
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.4 5.9 8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.804 min Scan# 3522
 Delta R.T. -0.006 min
 Lab File: BP019833.D
 Acq: 22 Feb 2024 20:04

Tgt Ion:264 Resp: 478966
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 22.4 17.0 25.4

