

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
 Data File : BP019606.D
 Acq On : 08 Feb 2024 12:50
 Operator : MA/JU
 Sample : PB158865BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158865BL

Quant Time: Feb 08 13:45:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	87647	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	314012	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	186003	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	366590	20.000	ng	-0.01
76) Chrysene-d12	21.380	240	387813	20.000	ng	-0.01
86) Perylene-d12	23.792	264	502022	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	676419	124.401	ng	0.00
7) Phenol-d6	7.075	99	846093	115.403	ng	-0.01
23) Nitrobenzene-d5	9.075	82	587652	81.092	ng	-0.01
42) 2,4,6-Tribromophenol	16.028	330	327009	120.411	ng	-0.01
45) 2-Fluorobiphenyl	13.169	172	1243344	82.636	ng	-0.01
79) Terphenyl-d14	19.857	244	1800939	76.370	ng	-0.01

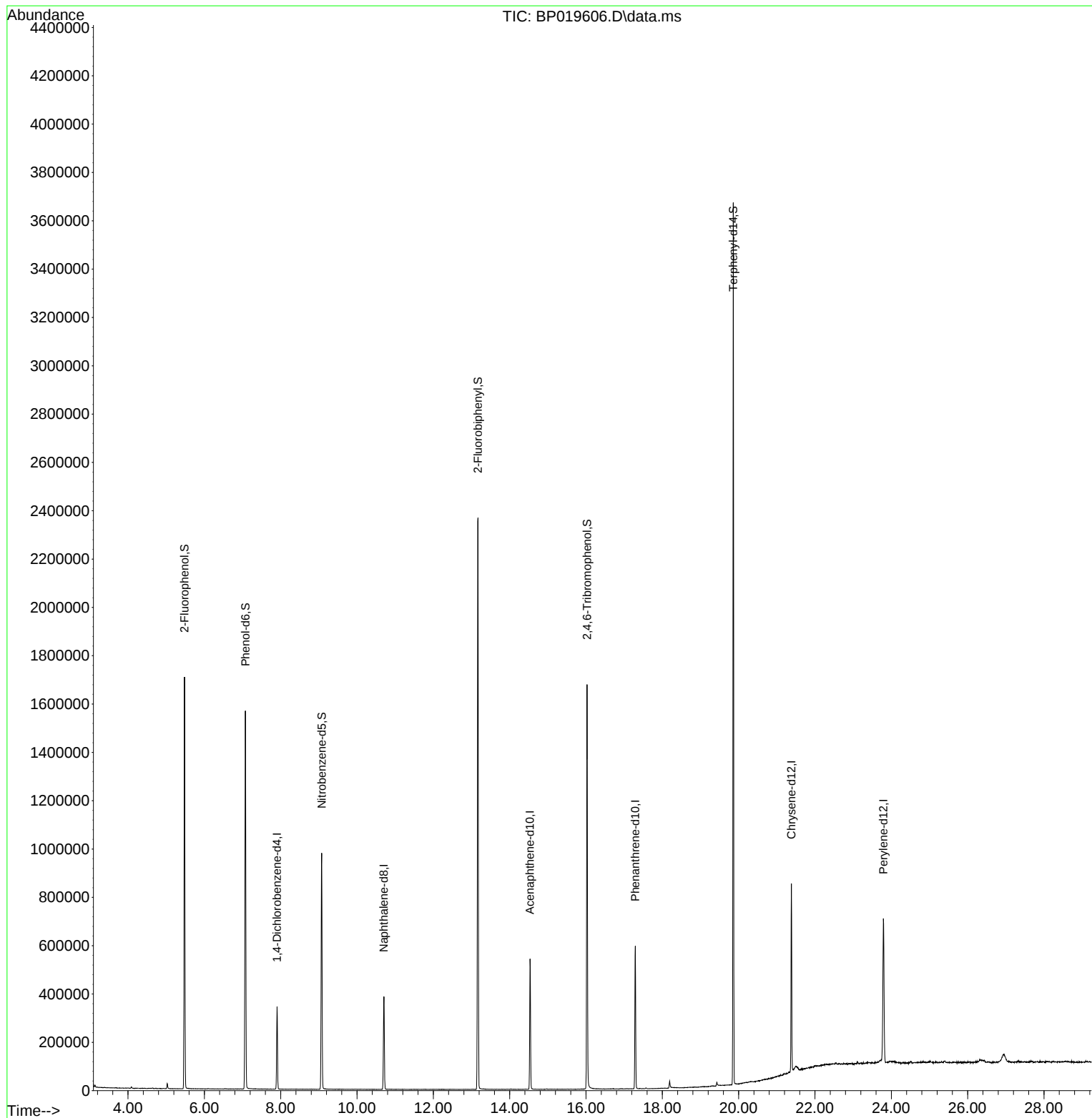
Target Compounds	Qvalue

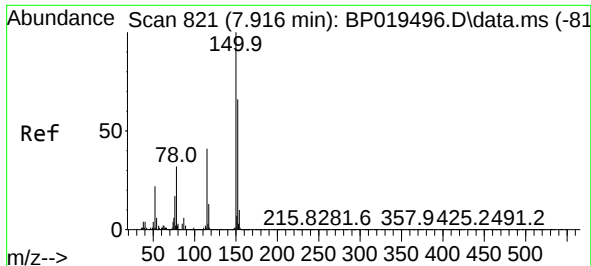
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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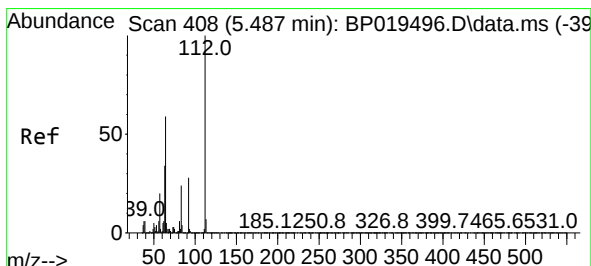
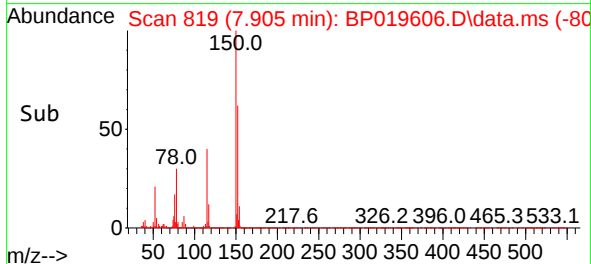
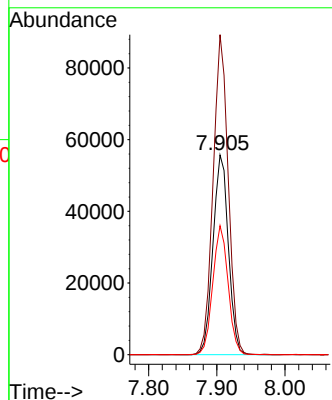
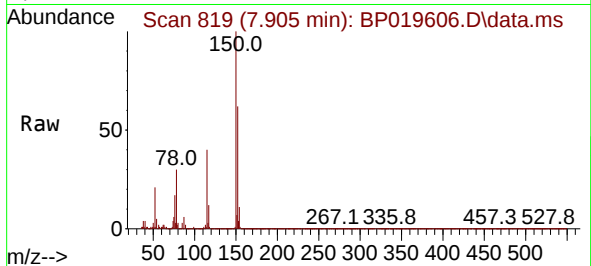




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019606.D
Acq: 08 Feb 2024 12:50

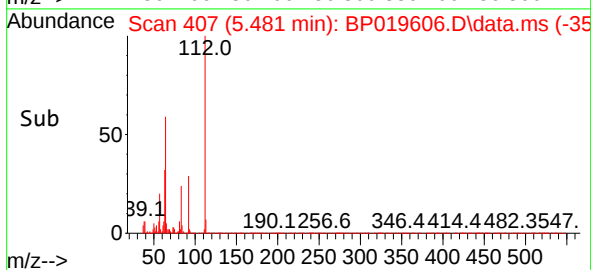
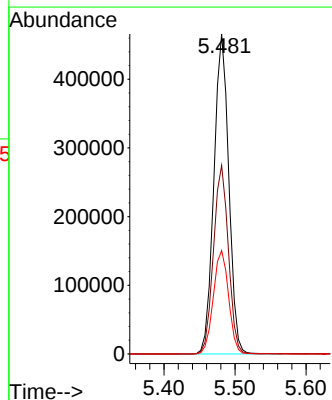
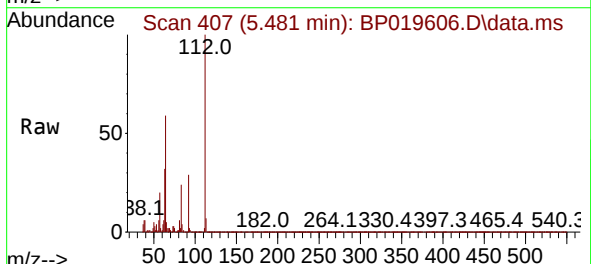
Instrument :
BNA_P
ClientSampleId :
PB158865BL

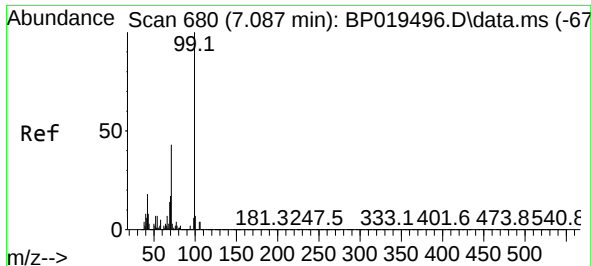
Tgt Ion:152 Resp: 87647
Ion Ratio Lower Upper
152 100
150 160.2 121.8 182.8
115 64.6 49.9 74.9



#5
2-Fluorophenol
Concen: 124.401 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019606.D
Acq: 08 Feb 2024 12:50

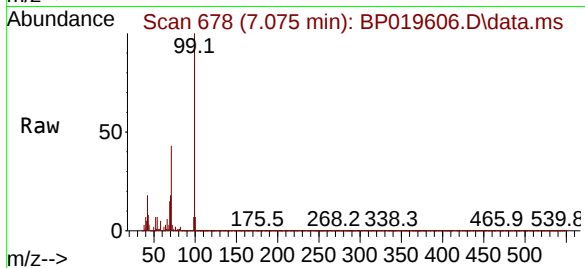
Tgt Ion:112 Resp: 676419
Ion Ratio Lower Upper
112 100
64 58.9 47.4 71.0
63 32.3 27.0 40.6



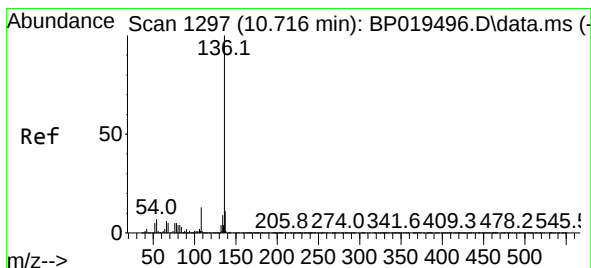
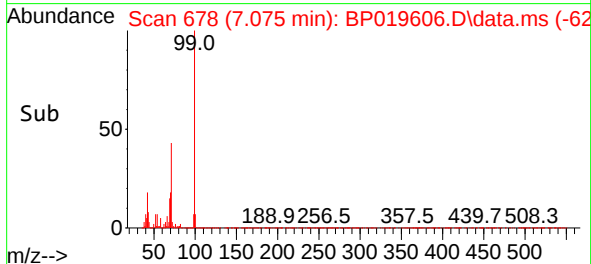
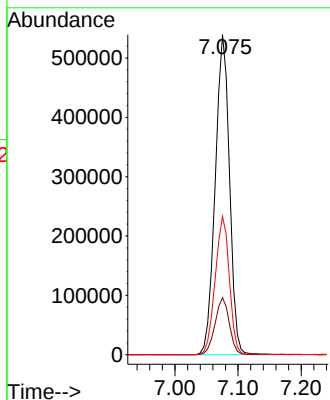


#7
Phenol-d6
Concen: 115.403 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019606.D
Acq: 08 Feb 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB158865BL

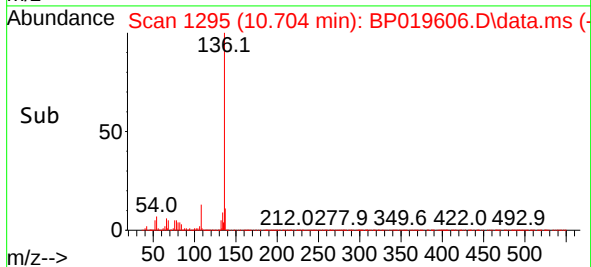
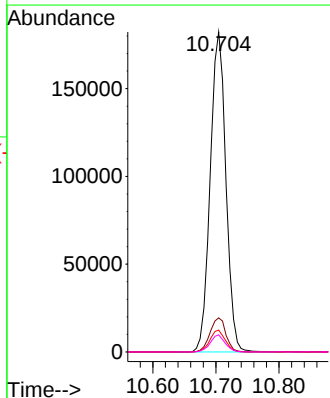
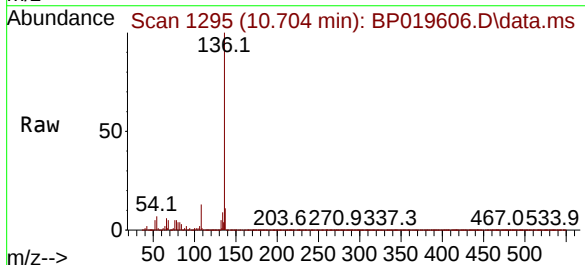


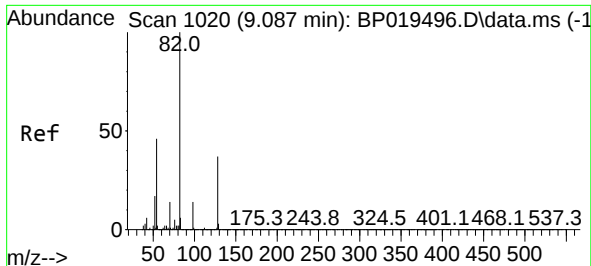
Tgt Ion: 99 Resp: 846093
Ion Ratio Lower Upper
99 100
42 17.9 14.7 22.1
71 43.2 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019606.D
Acq: 08 Feb 2024 12:50

Tgt Ion: 136 Resp: 314012
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.8 5.3 7.9
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 81.092 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.011 min

Lab File: BP019606.D

Acq: 08 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158865BL

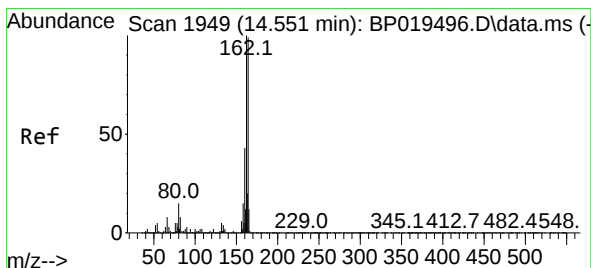
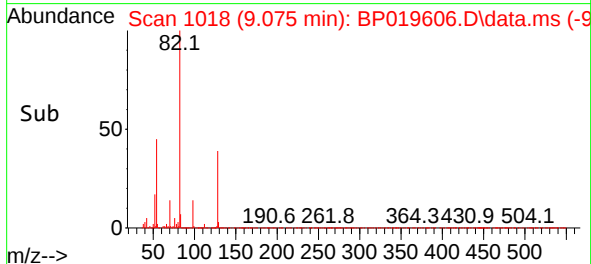
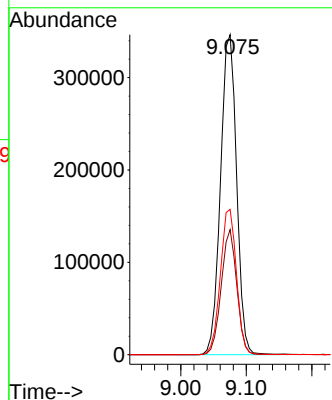
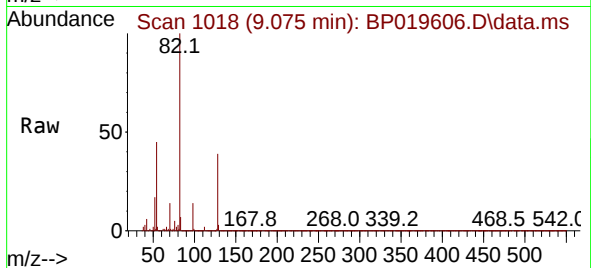
Tgt Ion: 82 Resp: 587652

Ion Ratio Lower Upper

82 100

128 39.1 29.7 44.5

54 45.4 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.534 min Scan# 1946

Delta R.T. -0.017 min

Lab File: BP019606.D

Acq: 08 Feb 2024 12:50

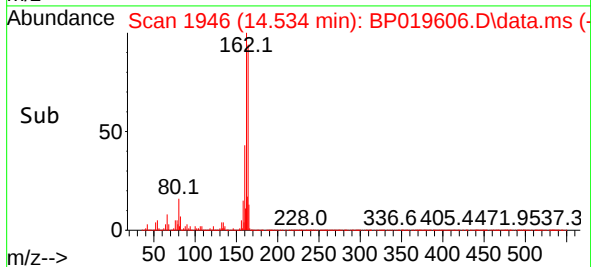
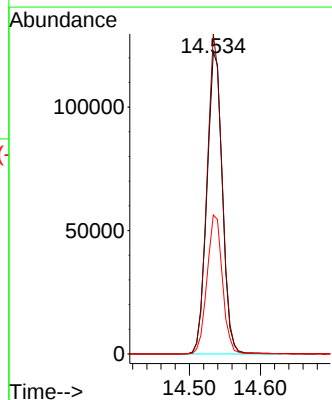
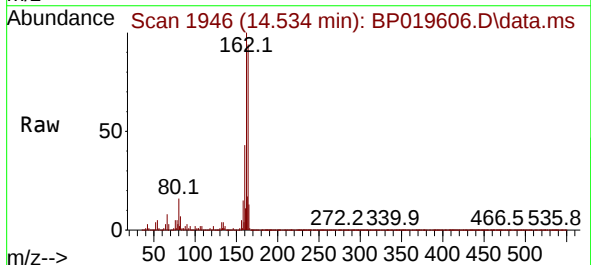
Tgt Ion:164 Resp: 186003

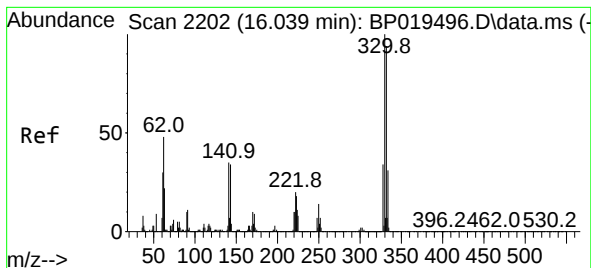
Ion Ratio Lower Upper

164 100

162 106.0 81.2 121.8

160 46.0 35.1 52.7

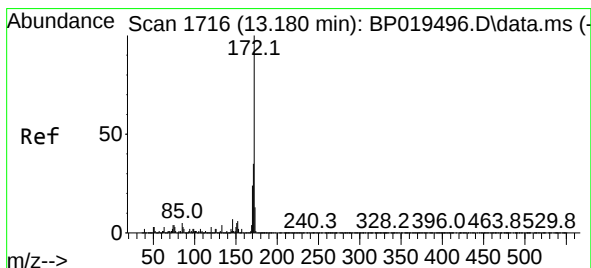
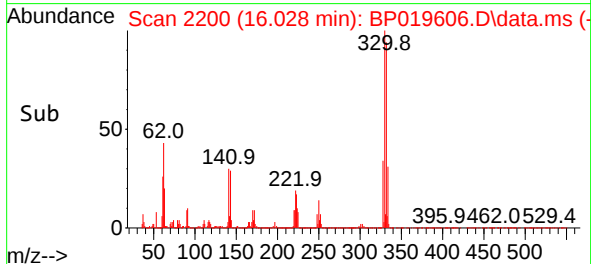
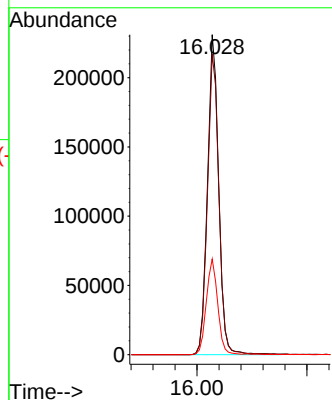
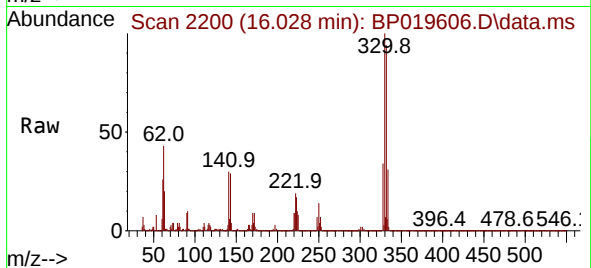




#42
2,4,6-Tribromophenol
Concen: 120.411 ng
RT: 16.028 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP019606.D
Acq: 08 Feb 2024 12:50

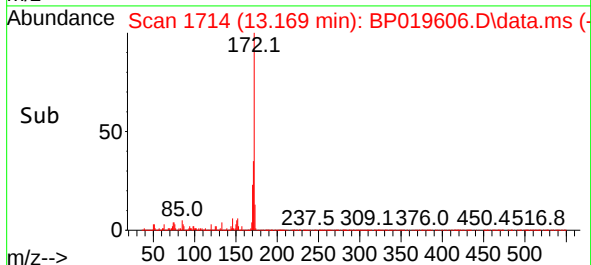
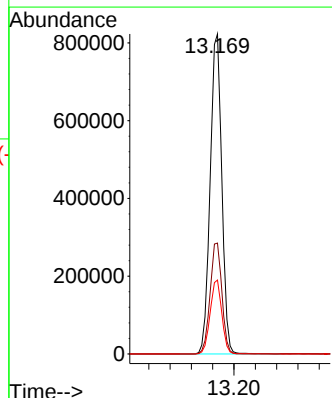
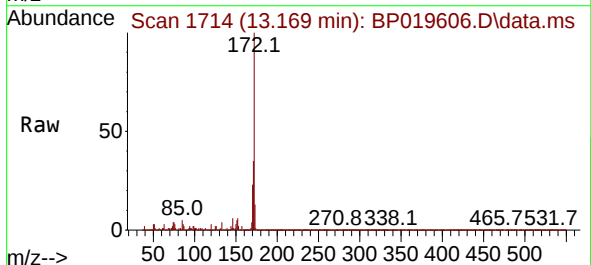
Instrument :
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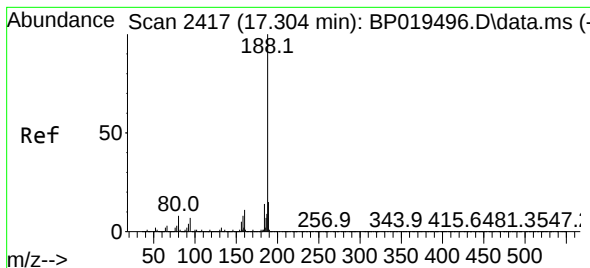
Tgt Ion:330 Resp: 327009
Ion Ratio Lower Upper
330 100
332 95.1 77.2 115.8
141 30.4 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 82.636 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.011 min
Lab File: BP019606.D
Acq: 08 Feb 2024 12:50

Tgt Ion:172 Resp: 1243344
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.4
170 23.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP019606.D

Acq: 08 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158865BL

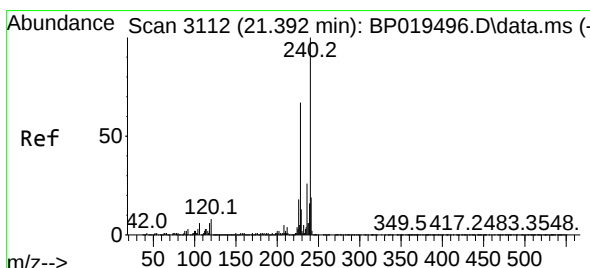
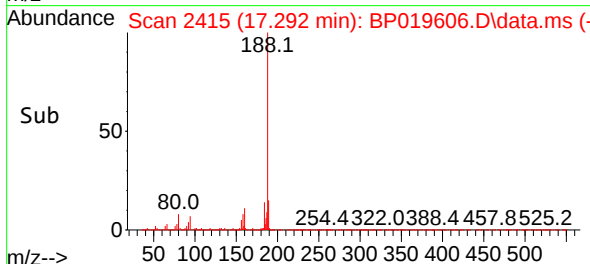
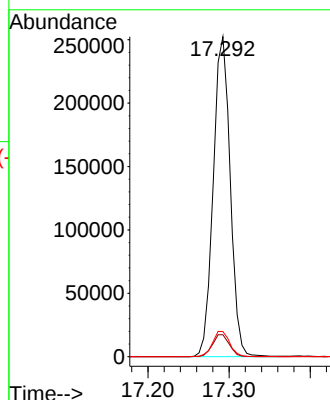
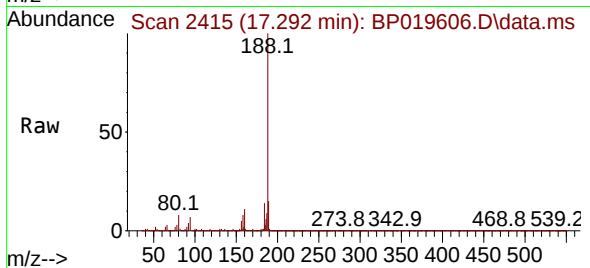
Tgt Ion:188 Resp: 366590

Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.2

80 7.8 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.011 min

Lab File: BP019606.D

Acq: 08 Feb 2024 12:50

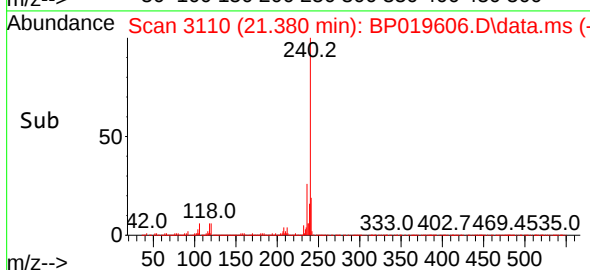
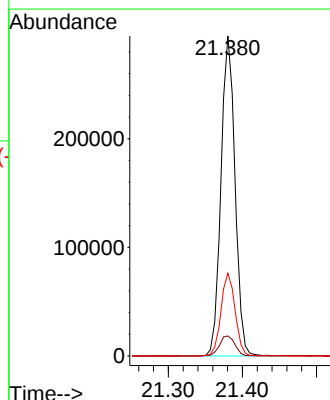
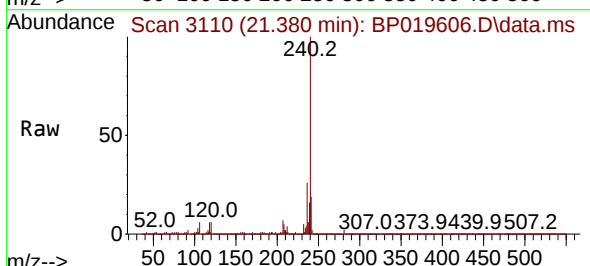
Tgt Ion:240 Resp: 387813

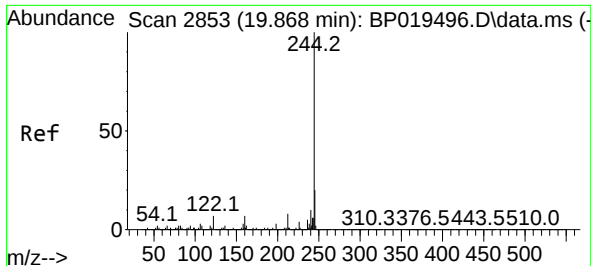
Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

236 25.9 20.7 31.1



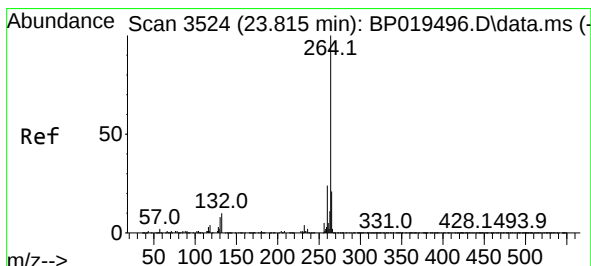
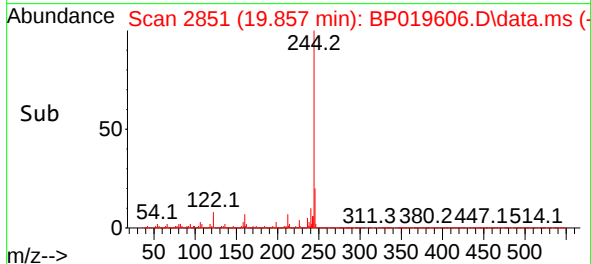
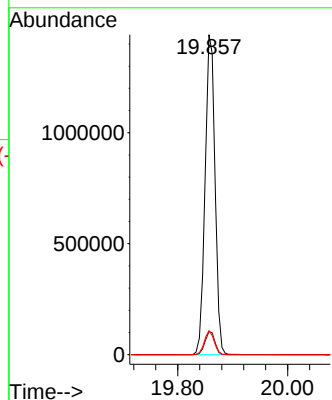
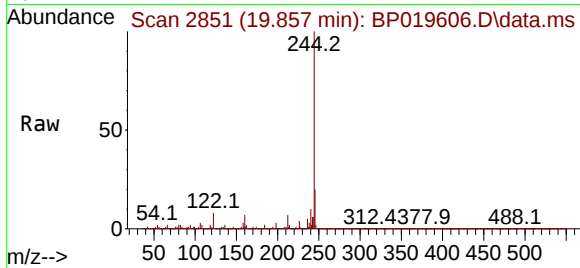


#79
 Terphenyl-d14
 Concen: 76.370 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BP019606.D
 Acq: 08 Feb 2024 12:50

Instrument :
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 PB158865BL

Tgt Ion:244 Resp: 1800939

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	7.5	5.9	8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.792 min Scan# 3520
 Delta R.T. -0.023 min
 Lab File: BP019606.D
 Acq: 08 Feb 2024 12:50

Tgt Ion:264 Resp: 502022

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.0	25.4

