

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019520.D
 Acq On : 02 Feb 2024 10:21
 Operator : MA/JU
 Sample : PB158214BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158214BL

Quant Time: Feb 02 10:57:08 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	7.910	152	95627	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	339979	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	201998	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	372794	20.000	ng	0.00
76) Chrysene-d12	21.386	240	289766	20.000	ng	0.00
86) Perylene-d12	23.804	264	407006	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	780287	131.528	ng	0.00
7) Phenol-d6	7.081	99	981776	122.735	ng	0.00
23) Nitrobenzene-d5	9.081	82	668401	85.190	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	338575	114.798	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1415776	86.646	ng	0.00
79) Terphenyl-d14	19.869	244	1512795	85.857	ng	0.00

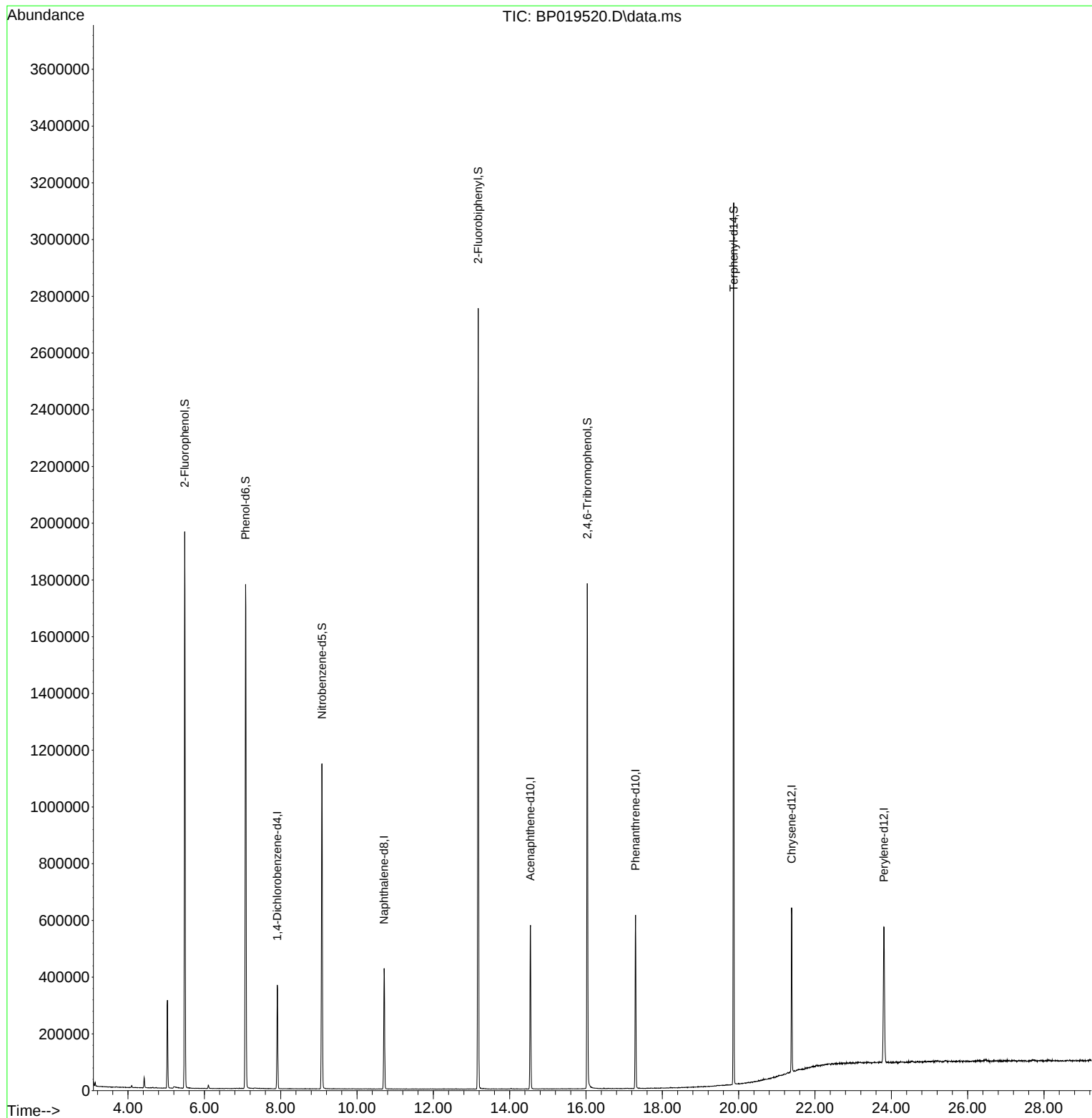
Target Compounds	Qvalue

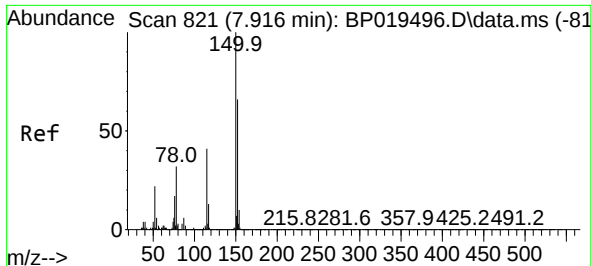
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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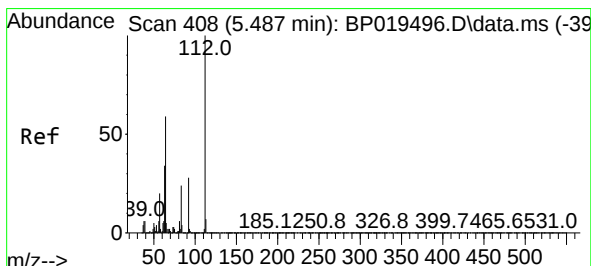
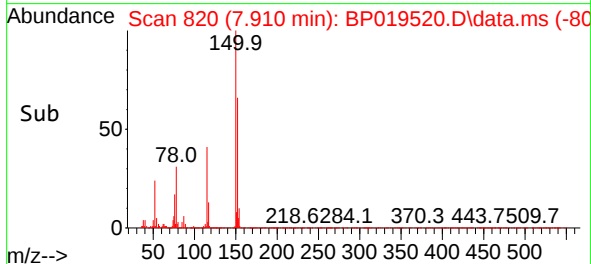
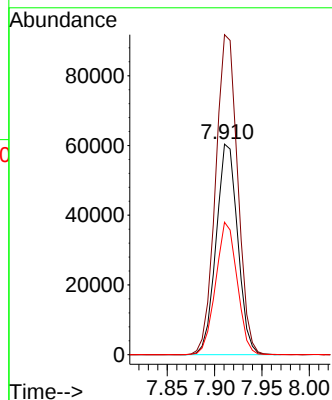
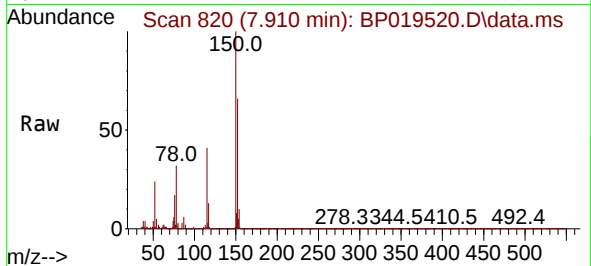




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019520.D
Acq: 02 Feb 2024 10:21

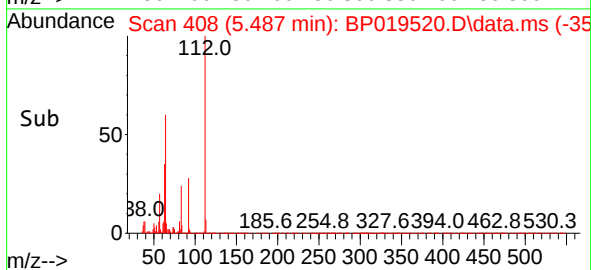
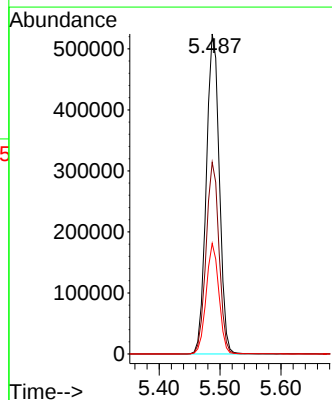
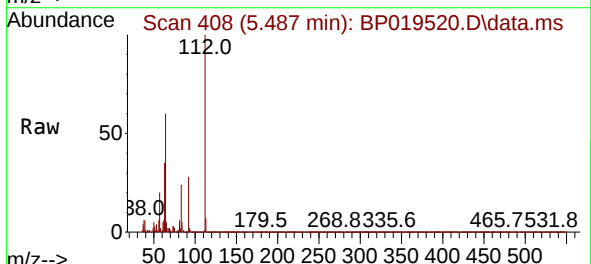
Instrument :
BNA_P
ClientSampleId :
PB158214BL

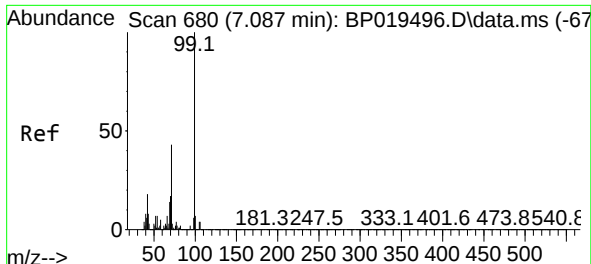
Tgt Ion:152 Resp: 95627
Ion Ratio Lower Upper
152 100
150 152.0 121.8 182.8
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 131.528 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019520.D
Acq: 02 Feb 2024 10:21

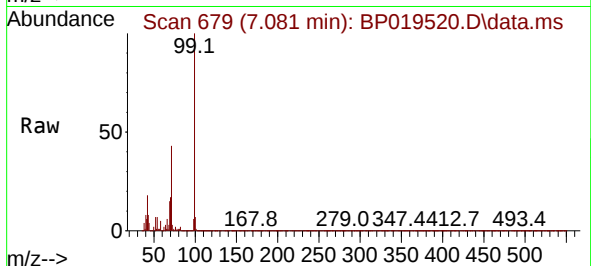
Tgt Ion:112 Resp: 780287
Ion Ratio Lower Upper
112 100
64 59.9 47.4 71.0
63 34.5 27.0 40.6



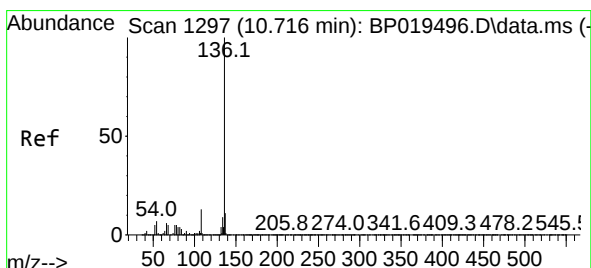
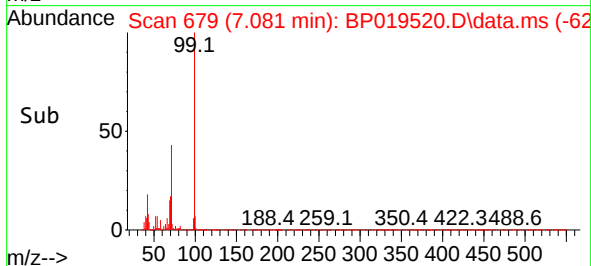
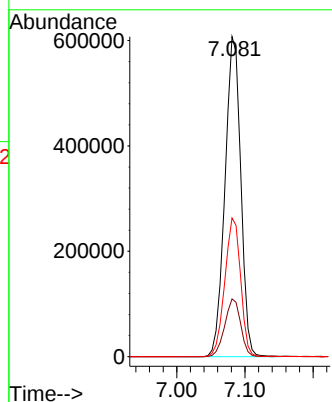


#7
Phenol-d6
Concen: 122.735 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019520.D
Acq: 02 Feb 2024 10:21

Instrument :
BNA_P
ClientSampleId :
PB158214BL

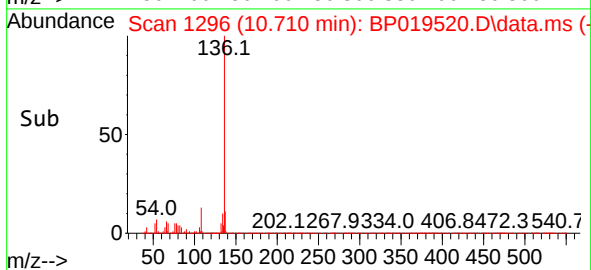
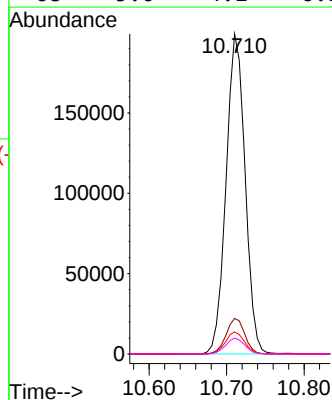
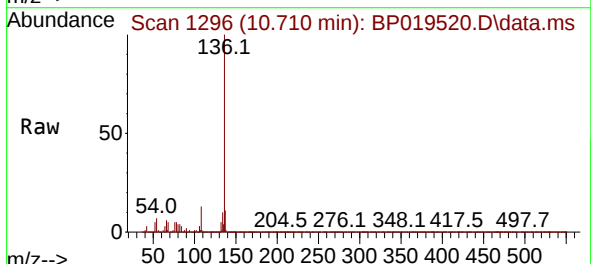


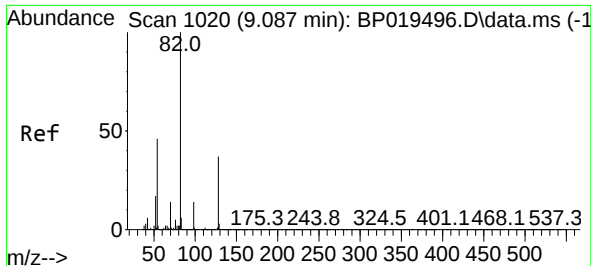
Tgt Ion: 99 Resp: 981776
Ion Ratio Lower Upper
99 100
42 18.1 14.7 22.1
71 43.4 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP019520.D
Acq: 02 Feb 2024 10:21

Tgt Ion: 136 Resp: 339979
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.9 5.3 7.9
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 85.190 ng

RT: 9.081 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BP019520.D

Acq: 02 Feb 2024 10:21

Instrument :

BNA_P

ClientSampleId :

PB158214BL

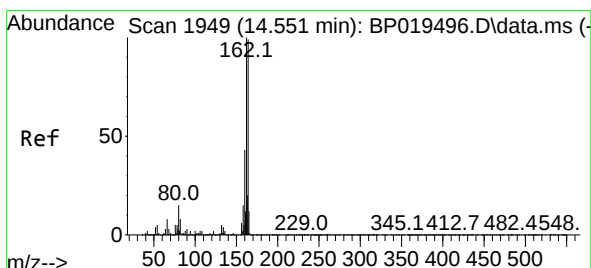
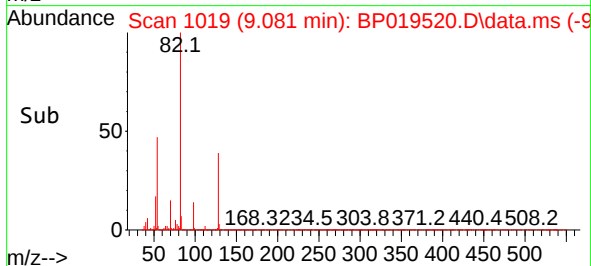
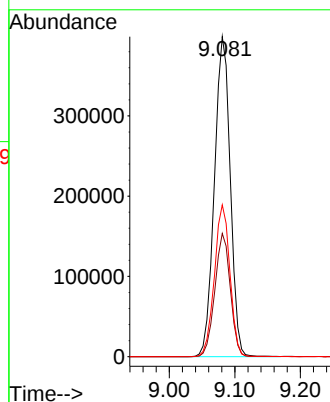
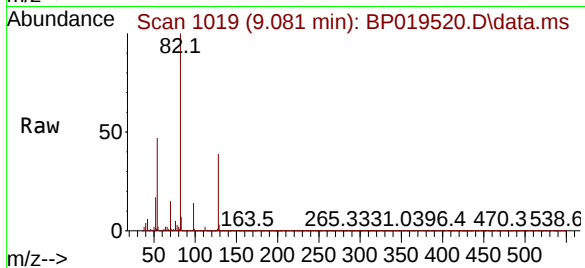
Tgt Ion: 82 Resp: 668401

Ion Ratio Lower Upper

82 100

128 38.5 29.7 44.5

54 47.4 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP019520.D

Acq: 02 Feb 2024 10:21

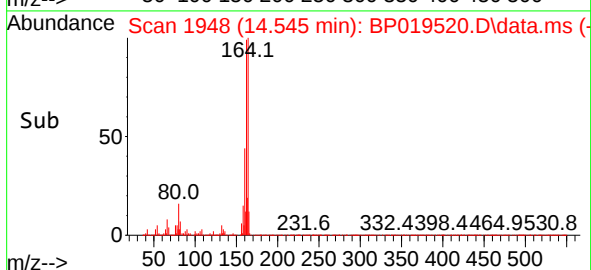
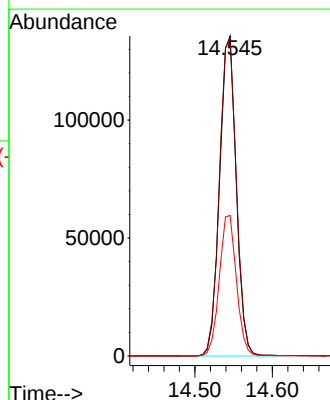
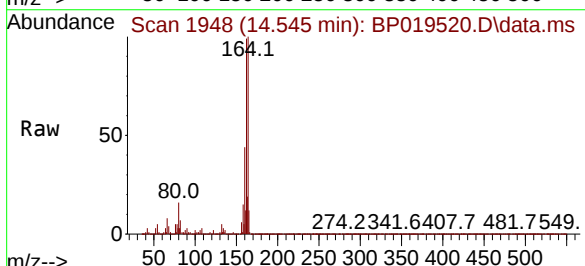
Tgt Ion: 164 Resp: 201998

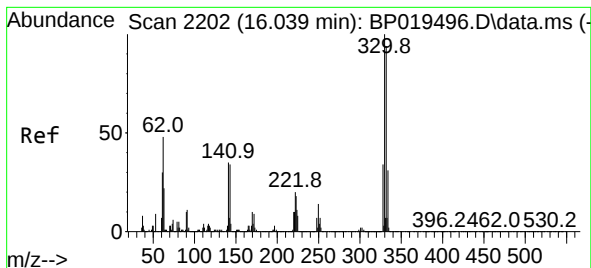
Ion Ratio Lower Upper

164 100

162 99.4 81.2 121.8

160 43.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 114.798 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019520.D

Acq: 02 Feb 2024 10:21

Instrument :

BNA_P

ClientSampleId :

PB158214BL

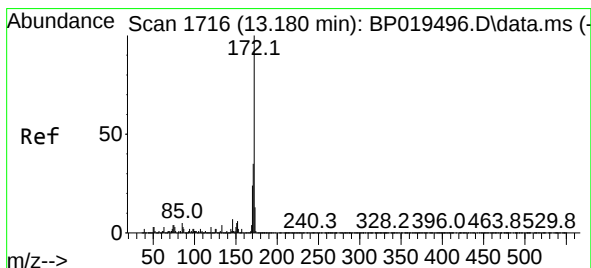
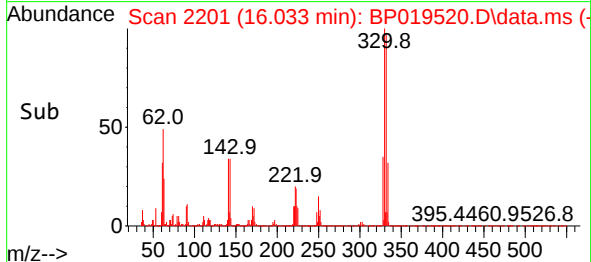
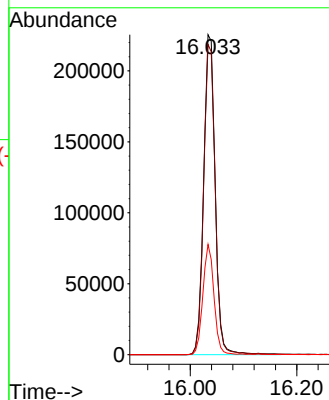
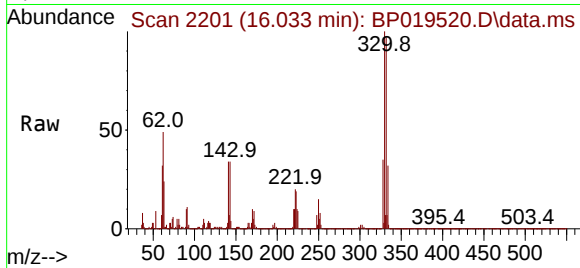
Tgt Ion:330 Resp: 338575

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 33.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 86.646 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BP019520.D

Acq: 02 Feb 2024 10:21

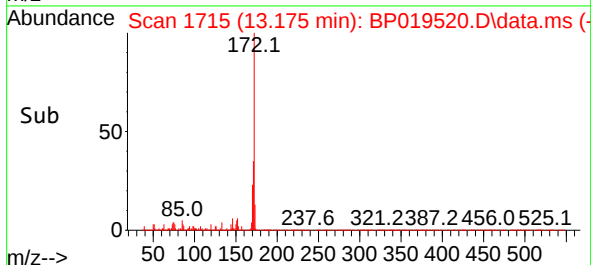
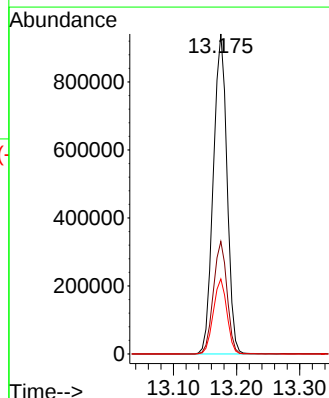
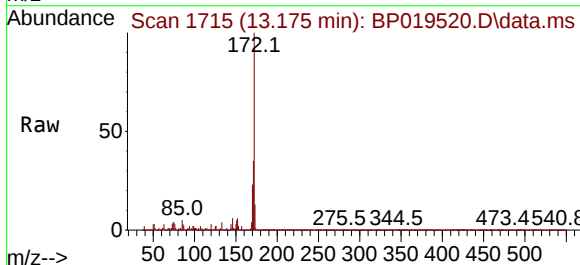
Tgt Ion:172 Resp: 1415776

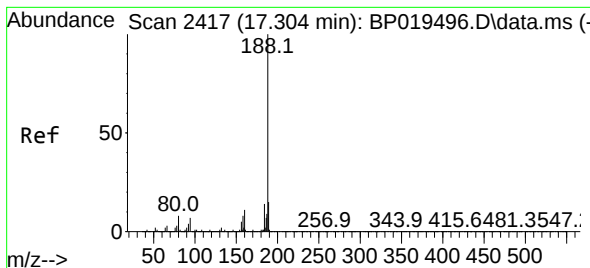
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019520.D

Acq: 02 Feb 2024 10:21

Instrument :

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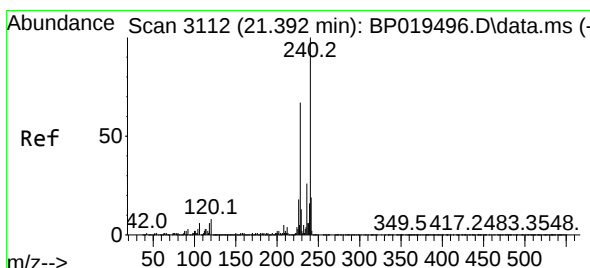
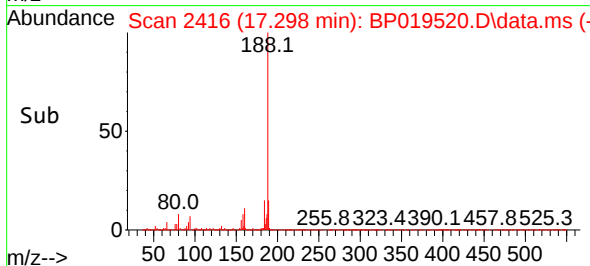
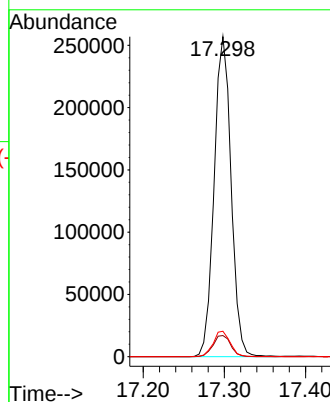
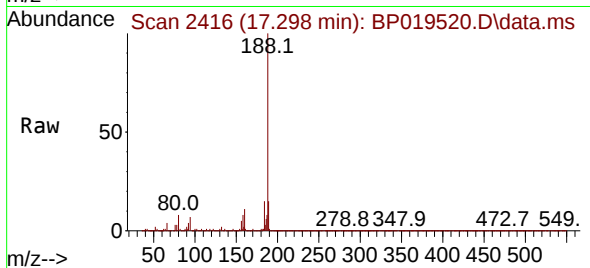
Tgt Ion:188 Resp: 372794

Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.2

80 8.0 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019520.D

Acq: 02 Feb 2024 10:21

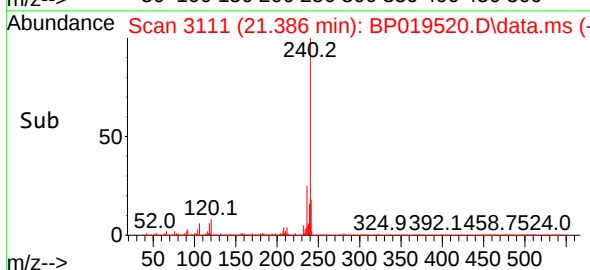
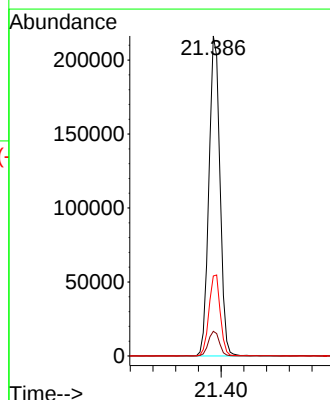
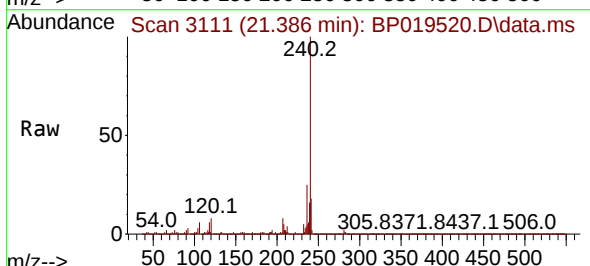
Tgt Ion:240 Resp: 289766

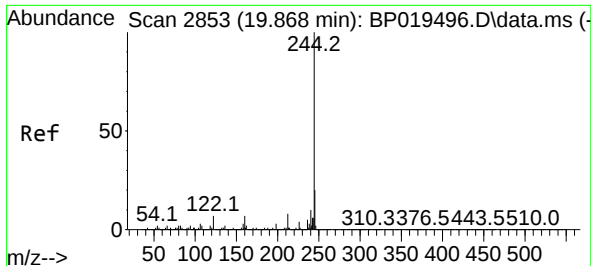
Ion Ratio Lower Upper

240 100

120 7.7 6.1 9.1

236 25.0 20.7 31.1



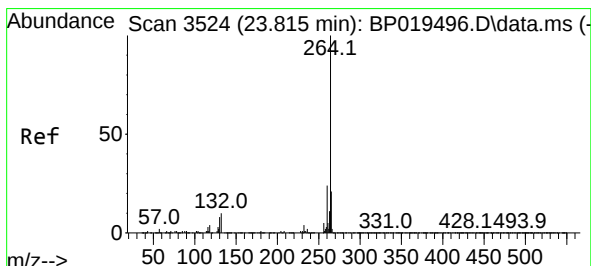
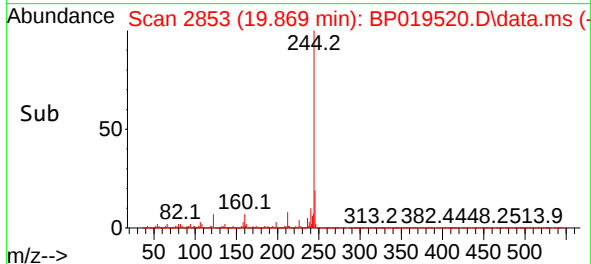
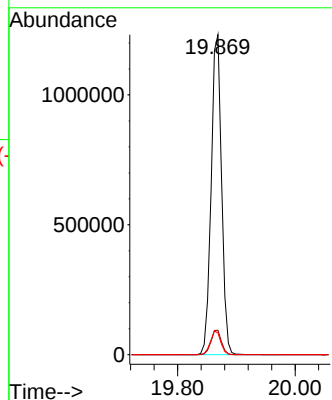
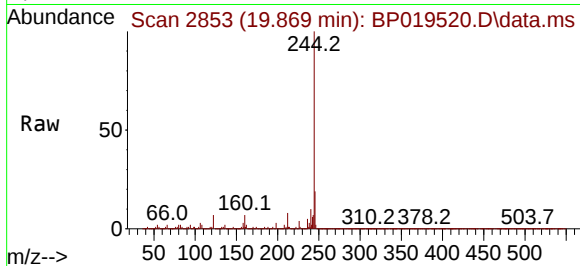


#79
 Terphenyl-d14
 Concen: 85.857 ng
 RT: 19.869 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP019520.D
 Acq: 02 Feb 2024 10:21

Instrument :
 BNA_P
 ClientSampleId :
 PB158214BL

Tgt Ion:244 Resp: 1512795

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	6.8	5.9	8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.804 min Scan# 3522
 Delta R.T. -0.012 min
 Lab File: BP019520.D
 Acq: 02 Feb 2024 10:21

Tgt Ion:264 Resp: 407006

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.0	25.4

