

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019718.D
 Acq On : 15 Feb 2024 12:23
 Operator : MA/JU
 Sample : P1414-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-6(15-16)

Quant Time: Feb 15 12:50:24 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)

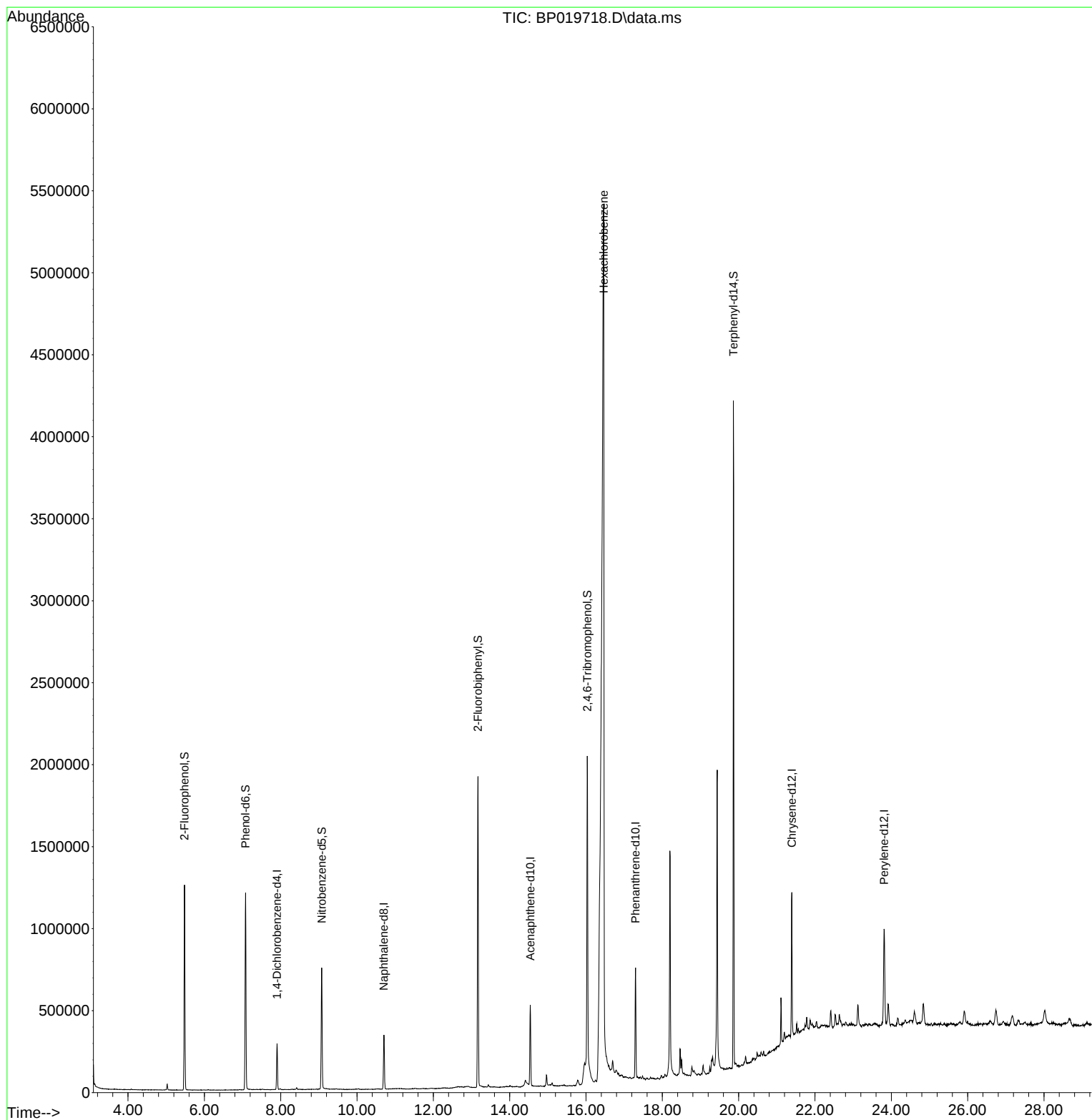
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	74681	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	273288	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	182292	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	421203	20.000	ng	0.00
76) Chrysene-d12	21.392	240	448272	20.000	ng	# 0.00
86) Perylene-d12	23.810	264	524659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	512878	110.700	ng	0.00
7) Phenol-d6	7.081	99	659367	105.549	ng	0.00
23) Nitrobenzene-d5	9.075	82	445497	70.636	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	396625	149.018	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1016608	68.942	ng	-0.01
79) Terphenyl-d14	19.863	244	1951740	71.602	ng	0.00
Target Compounds						
68) Hexachlorobenzene	16.463	284	402690	65.489	ng	# 44

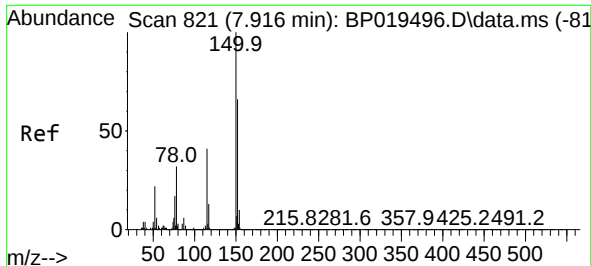
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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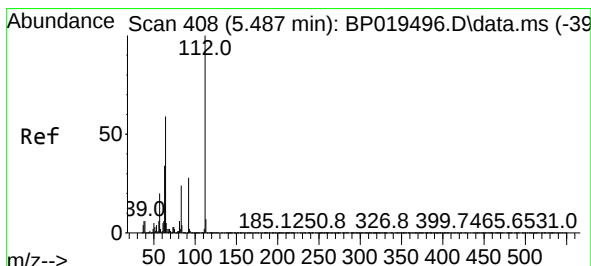
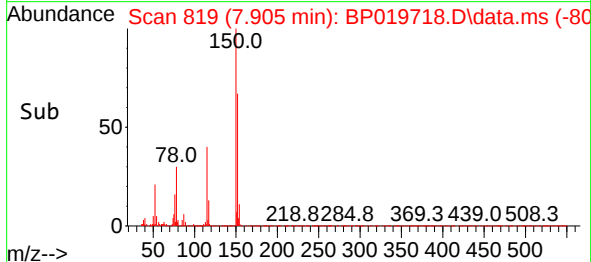
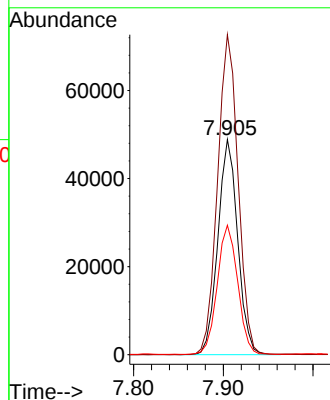
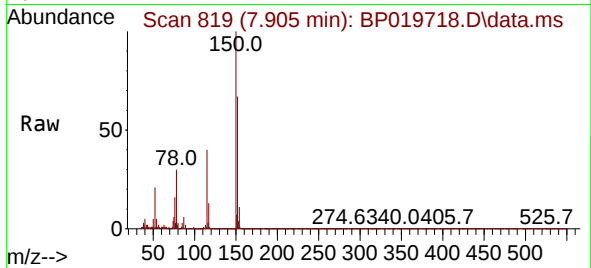




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019718.D
Acq: 15 Feb 2024 12:23

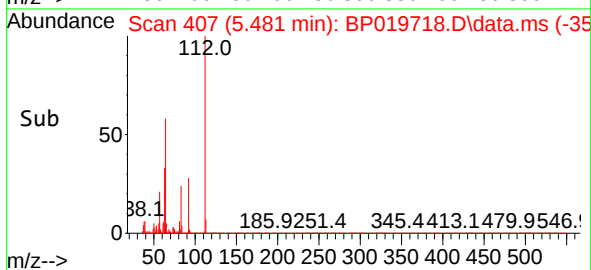
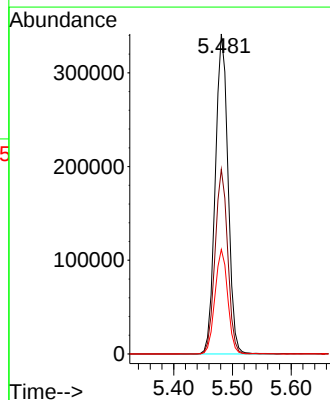
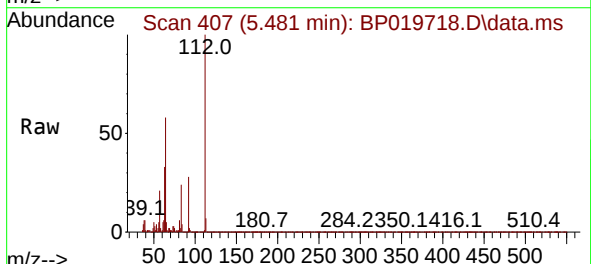
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)

Tgt Ion:152 Resp: 74681
Ion Ratio Lower Upper
152 100
150 148.7 121.8 182.8
115 60.1 49.9 74.9



#5
2-Fluorophenol
Concen: 110.700 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019718.D
Acq: 15 Feb 2024 12:23

Tgt Ion:112 Resp: 512878
Ion Ratio Lower Upper
112 100
64 57.7 47.4 71.0
63 32.6 27.0 40.6

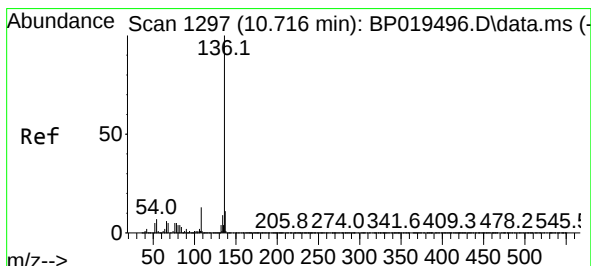
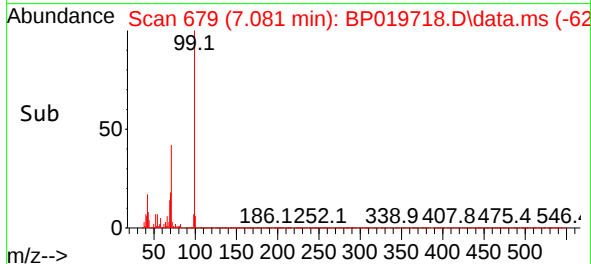
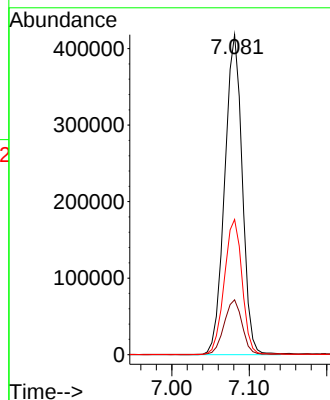
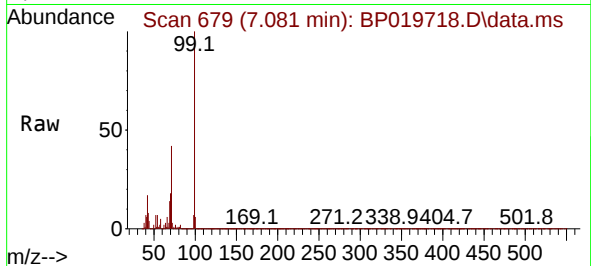




#7
Phenol-d6
Concen: 105.549 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019718.D
Acq: 15 Feb 2024 12:23

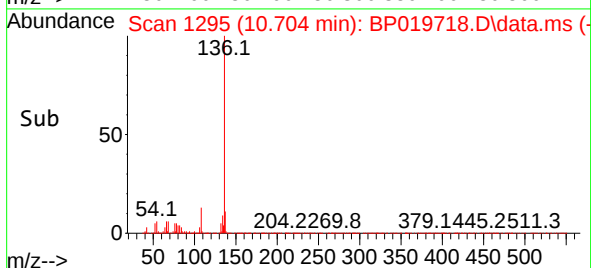
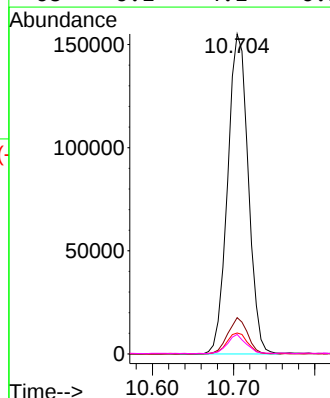
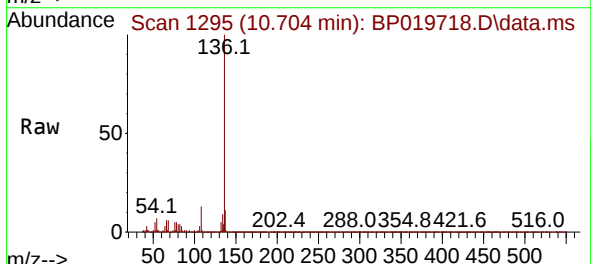
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)

Tgt Ion: 99 Resp: 659367
Ion Ratio Lower Upper
99 100
42 17.2 14.7 22.1
71 42.3 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019718.D
Acq: 15 Feb 2024 12:23

Tgt Ion:136 Resp: 273288
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.6 5.3 7.9
68 6.1 4.1 6.1

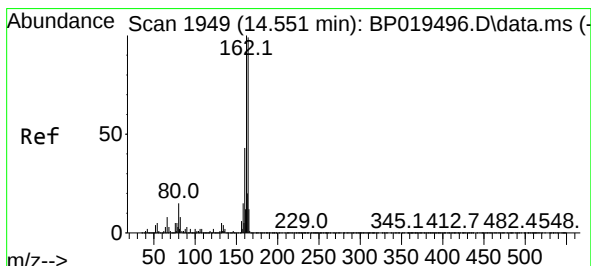
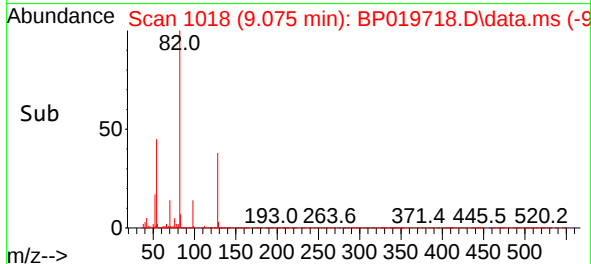
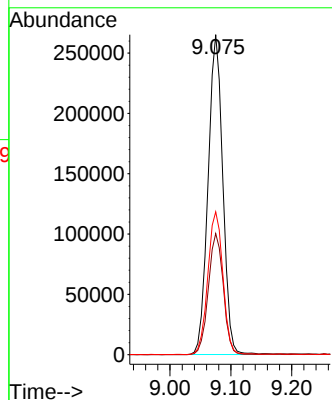
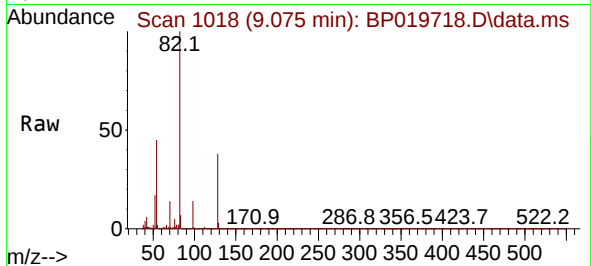




#23
Nitrobenzene-d5
Concen: 70.636 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019718.D
Acq: 15 Feb 2024 12:23

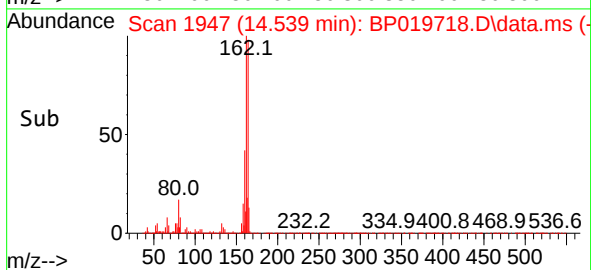
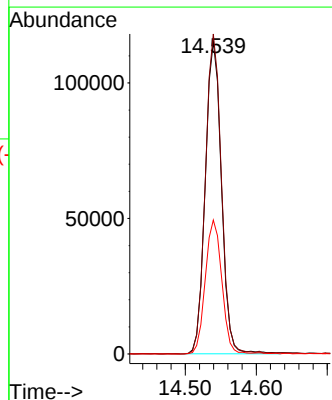
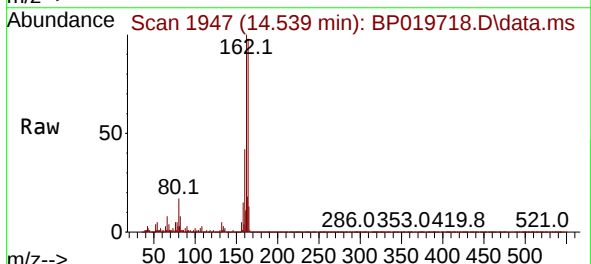
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)

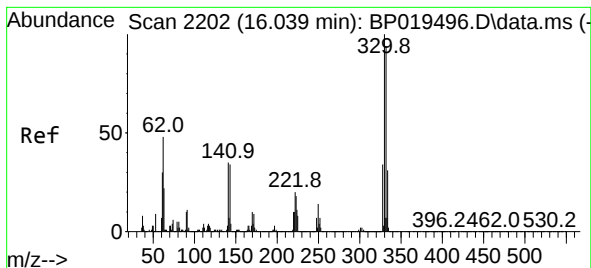
Tgt Ion: 82 Resp: 445497
Ion Ratio Lower Upper
82 100
128 37.9 29.7 44.5
54 44.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019718.D
Acq: 15 Feb 2024 12:23

Tgt Ion:164 Resp: 182292
Ion Ratio Lower Upper
164 100
162 102.5 81.2 121.8
160 42.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 149.018 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019718.D

Acq: 15 Feb 2024 12:23

Instrument :

BNA_P

ClientSampleId :

SB-6(15-16)

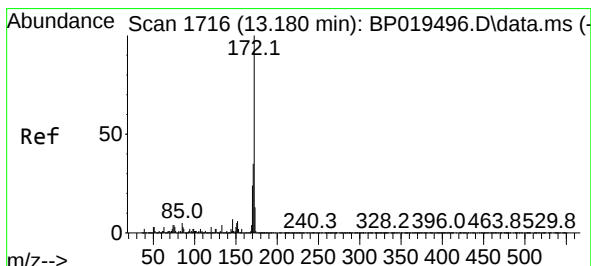
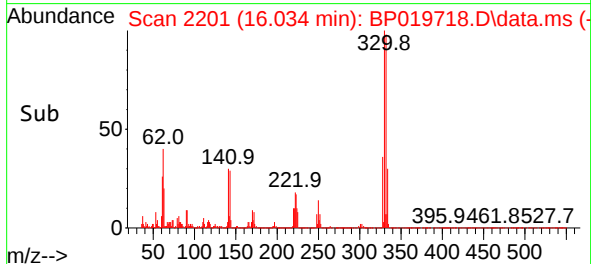
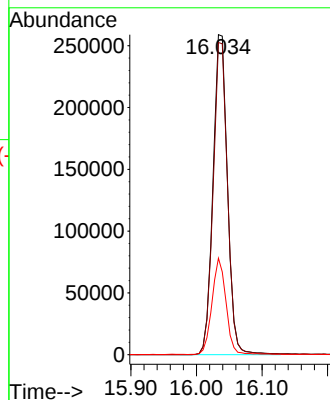
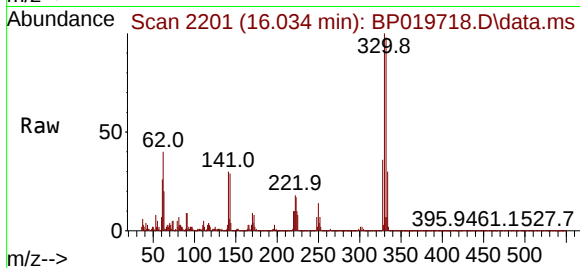
Tgt Ion:330 Resp: 396625

Ion Ratio Lower Upper

330 100

332 97.5 77.2 115.8

141 29.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 68.942 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019718.D

Acq: 15 Feb 2024 12:23

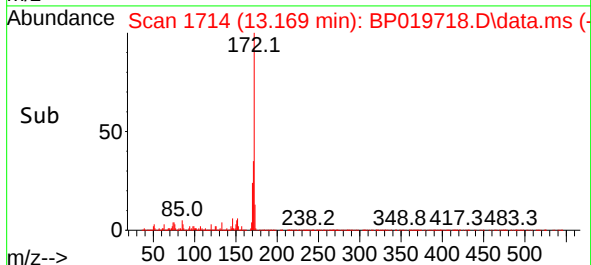
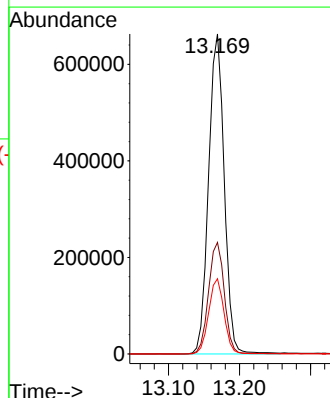
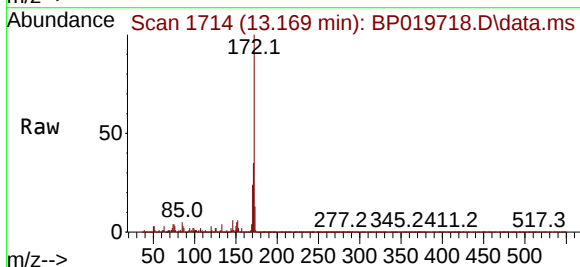
Tgt Ion:172 Resp: 1016608

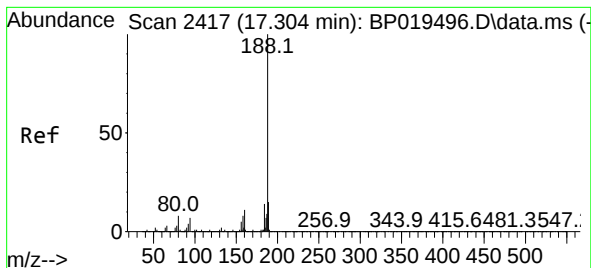
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP019718.D

Acq: 15 Feb 2024 12:23

Instrument :

BNA_P

ClientSampleId :

SB-6(15-16)

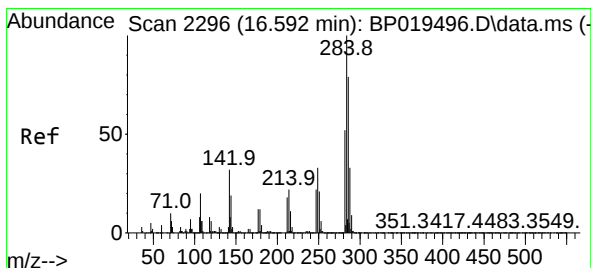
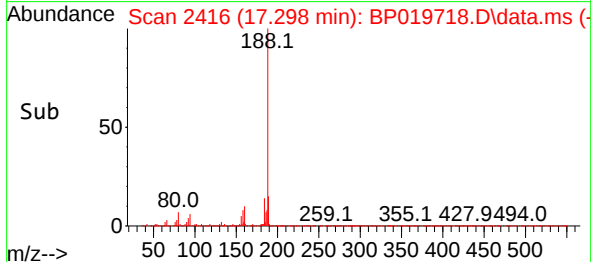
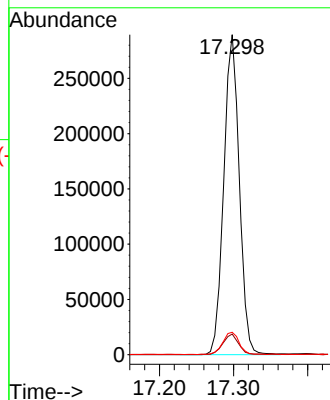
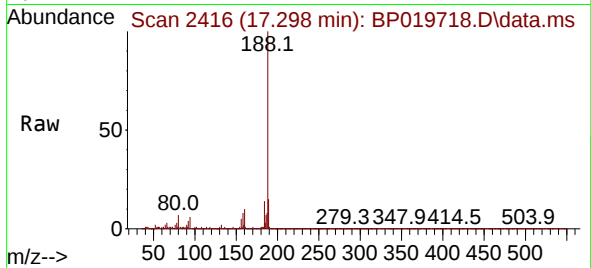
Tgt Ion:188 Resp: 421203

Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.2

80 7.0 6.3 9.5



#68

Hexachlorobenzene

Concen: 65.489 ng

RT: 16.463 min Scan# 2274

Delta R.T. -0.129 min

Lab File: BP019718.D

Acq: 15 Feb 2024 12:23

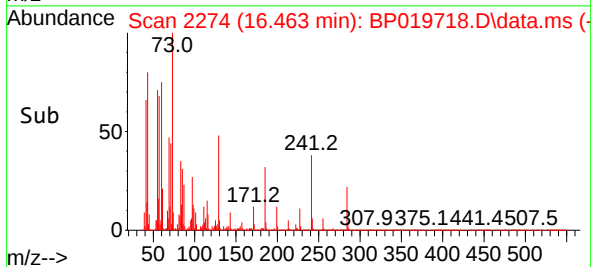
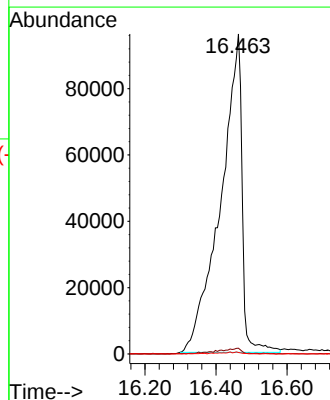
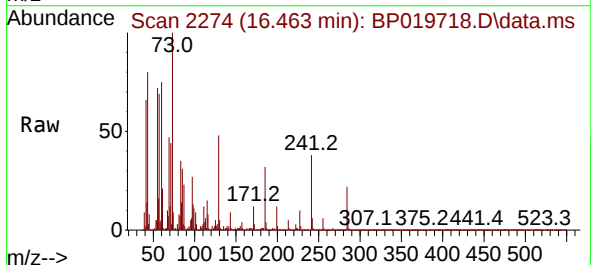
Tgt Ion:284 Resp: 402690

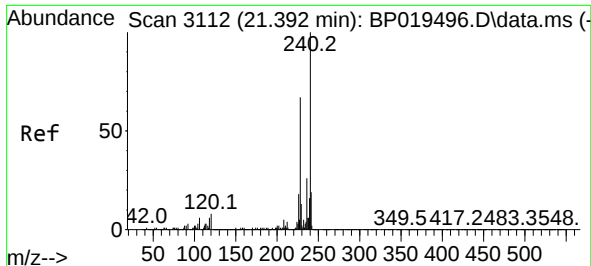
Ion Ratio Lower Upper

284 100

142 1.8 25.4 38.2#

249 0.5 26.5 39.7#

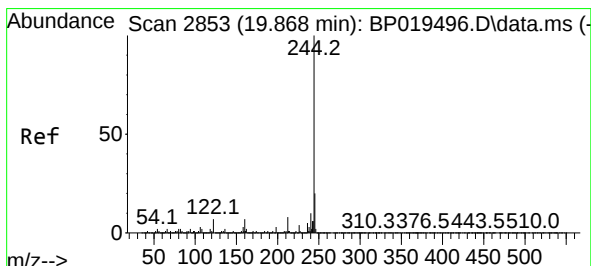
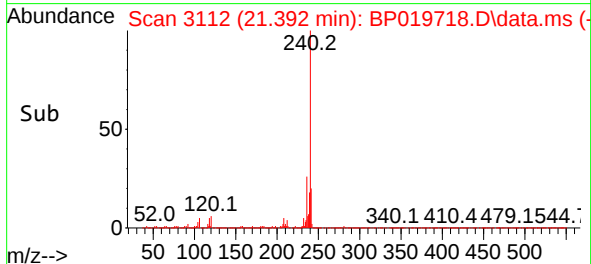
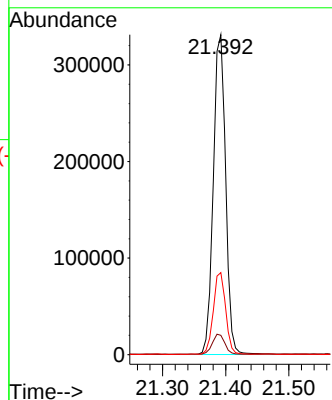
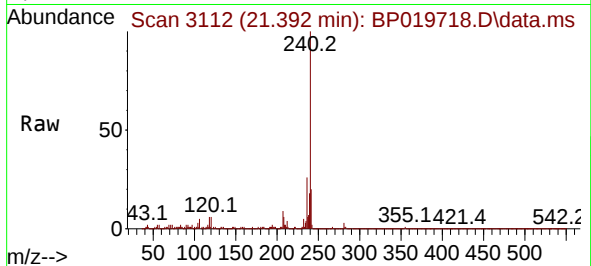




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP019718.D
Acq: 15 Feb 2024 12:23

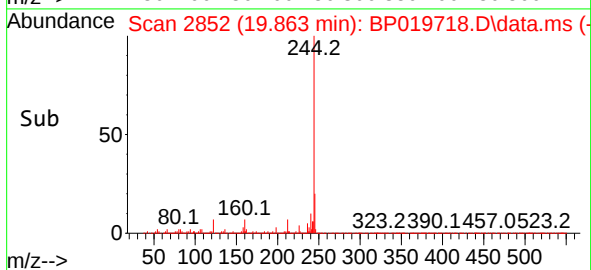
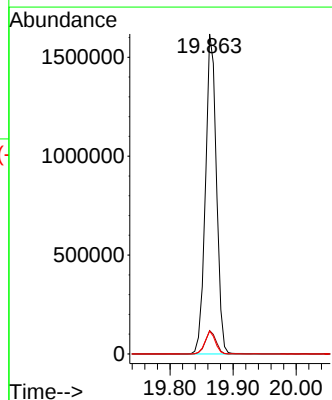
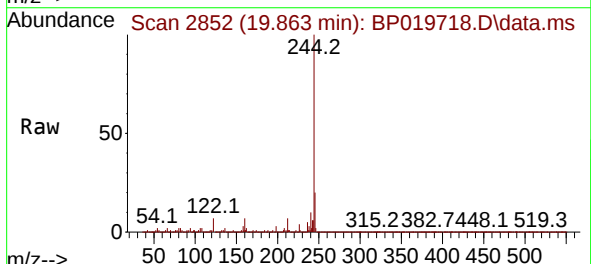
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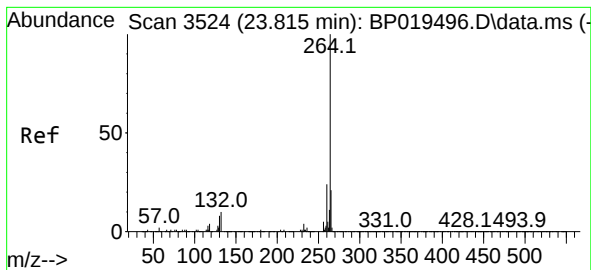
Tgt Ion:240 Resp: 448272
Ion Ratio Lower Upper
240 100
120 6.1 6.1 9.1#
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 71.602 ng
RT: 19.863 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP019718.D
Acq: 15 Feb 2024 12:23

Tgt Ion:244 Resp: 1951740
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 7.2 5.9 8.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019718.D

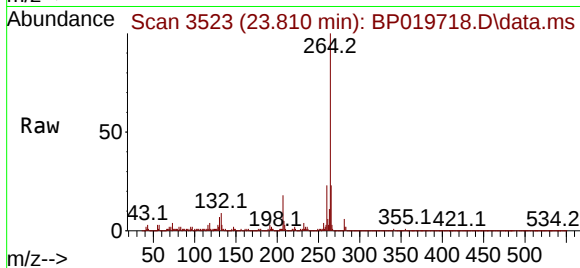
Acq: 15 Feb 2024 12:23

Instrument :

BNA_P

ClientSampleId :

SB-6(15-16)



Tgt Ion:264 Resp: 524659

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.7 17.0 25.4

