

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019723.D
 Acq On : 15 Feb 2024 15:12
 Operator : MA/JU
 Sample : P1414-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-9(10-11)

Quant Time: Feb 15 15:36:52 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	61016	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	218680	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	141759	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	354378	20.000	ng	0.00
76) Chrysene-d12	21.386	240	395389	20.000	ng	0.00
86) Perylene-d12	23.810	264	465030	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	315600	83.375	ng	-0.01
7) Phenol-d6	7.075	99	395783	77.544	ng	-0.01
23) Nitrobenzene-d5	9.069	82	275680	54.626	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	236330	114.181	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	629210	54.871	ng	-0.02
79) Terphenyl-d14	19.863	244	1310341	54.501	ng	0.00

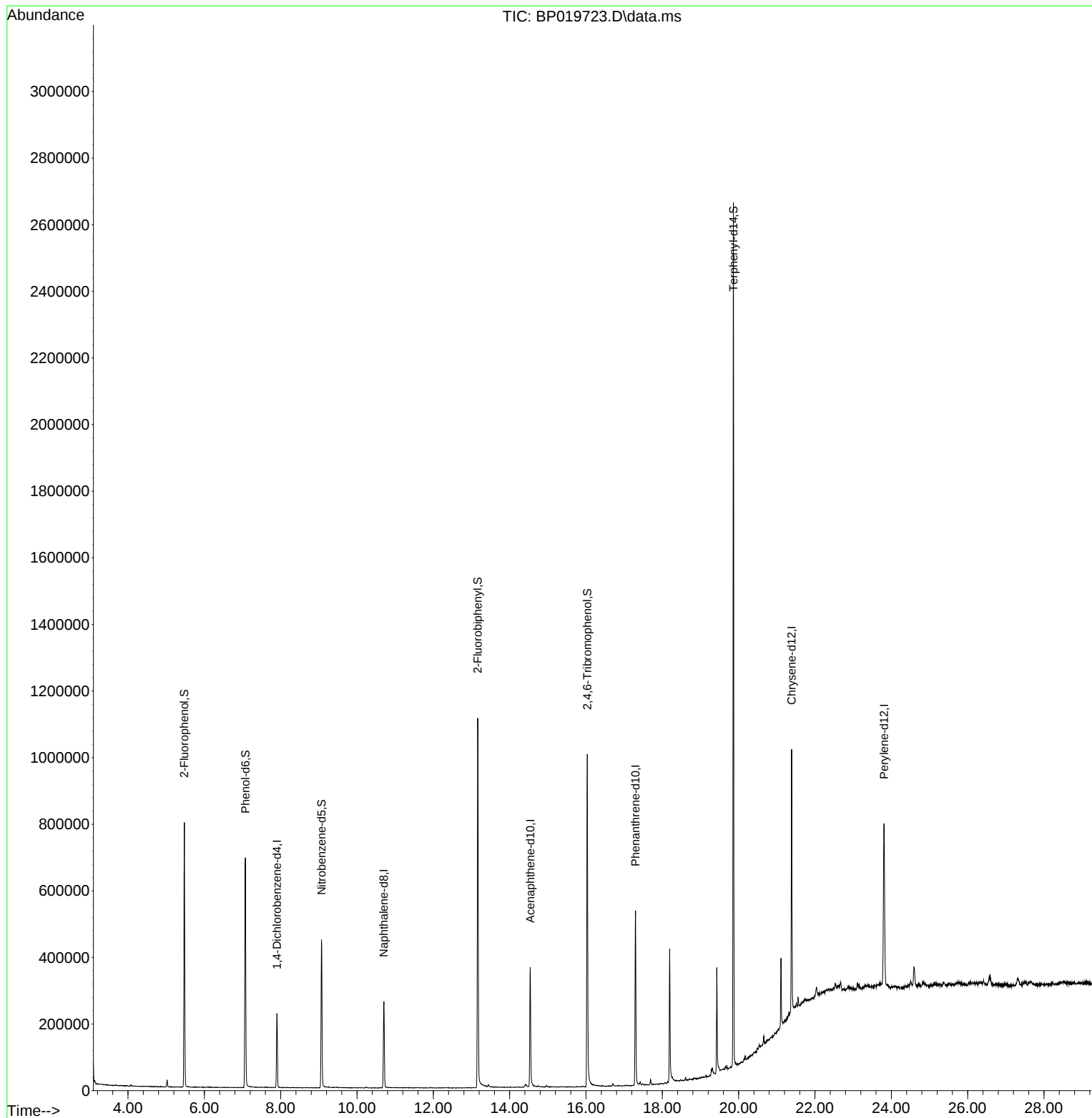
Target Compounds	Qvalue

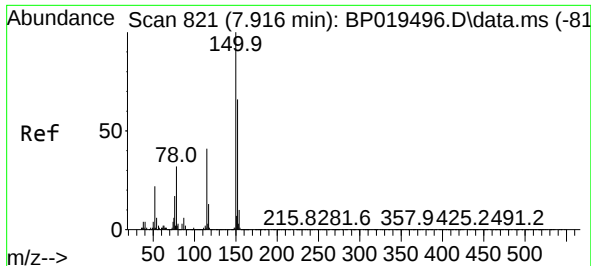
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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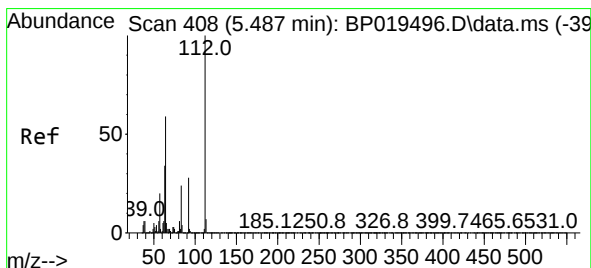
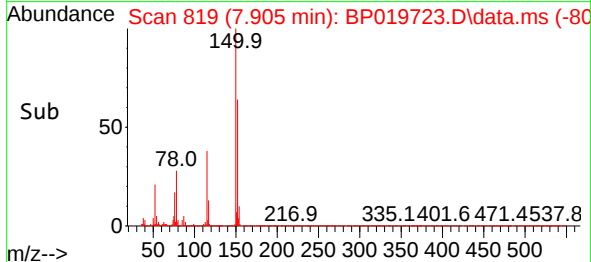
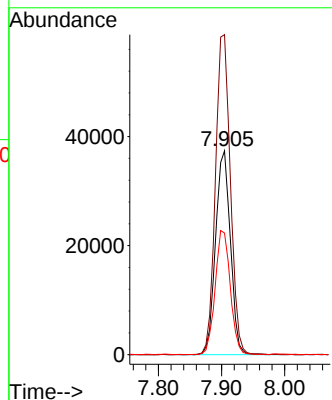
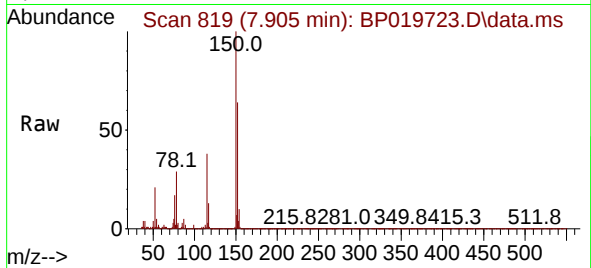




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019723.D
Acq: 15 Feb 2024 15:12

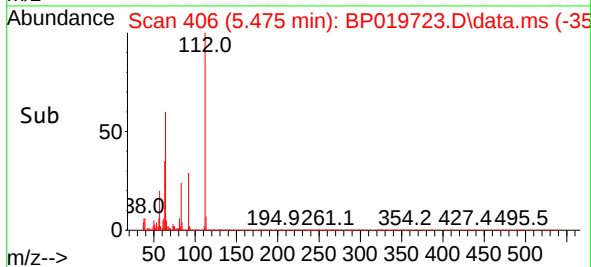
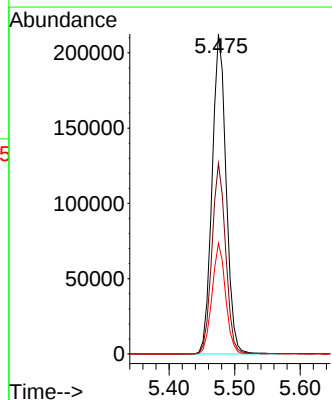
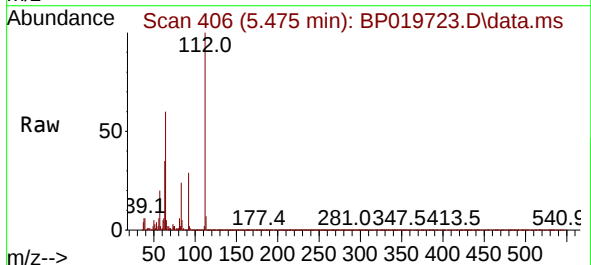
Instrument :
BNA_P
ClientSampleId :
SB-9(10-11)

Tgt Ion:152 Resp: 61016
Ion Ratio Lower Upper
152 100
150 157.0 121.8 182.8
115 59.7 49.9 74.9



#5
2-Fluorophenol
Concen: 83.375 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019723.D
Acq: 15 Feb 2024 15:12

Tgt Ion:112 Resp: 315600
Ion Ratio Lower Upper
112 100
64 59.6 47.4 71.0
63 34.6 27.0 40.6

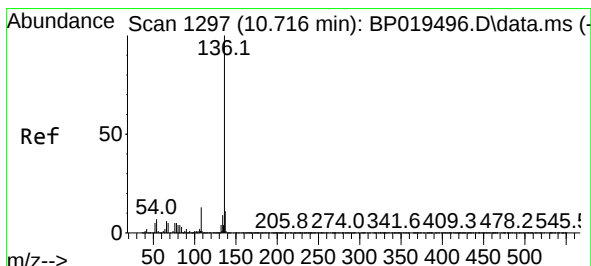
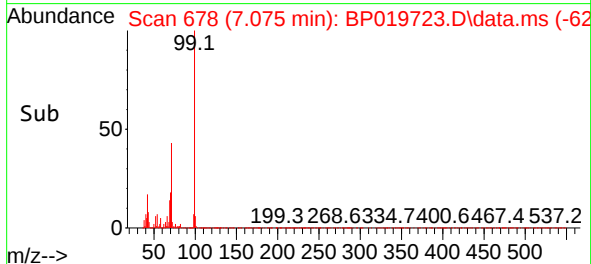
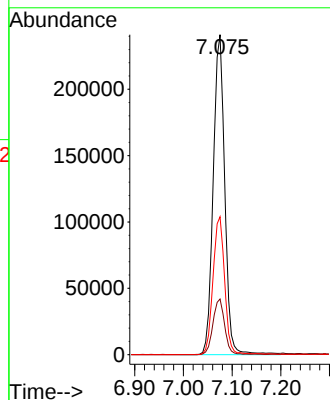
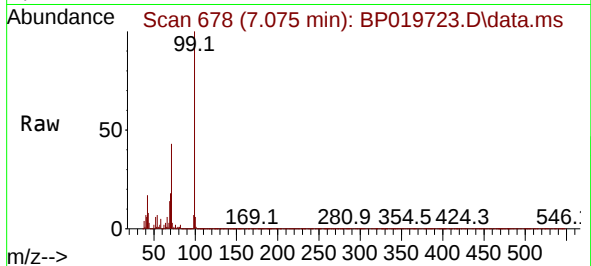




#7
Phenol-d6
Concen: 77.544 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019723.D
Acq: 15 Feb 2024 15:12

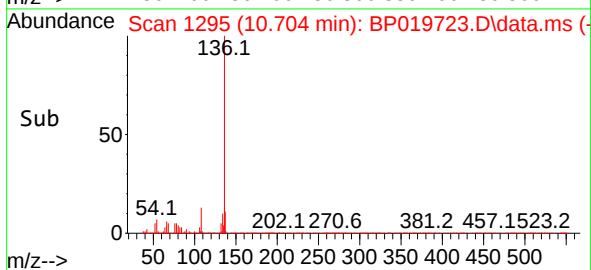
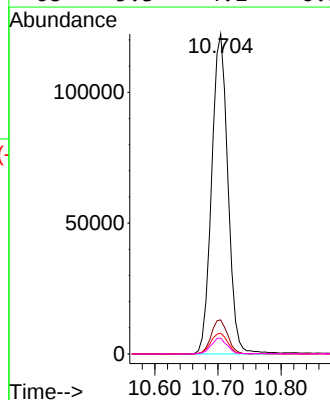
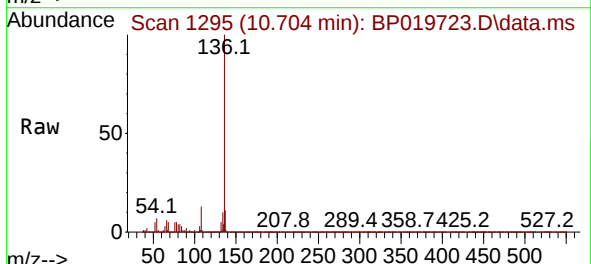
Instrument :
BNA_P
ClientSampleId :
SB-9(10-11)

Tgt Ion: 99 Resp: 395783
Ion Ratio Lower Upper
99 100
42 17.4 14.7 22.1
71 43.1 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: BP019723.D
Acq: 15 Feb 2024 15:12

Tgt Ion: 136 Resp: 218680
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.5 5.3 7.9
68 5.3 4.1 6.1

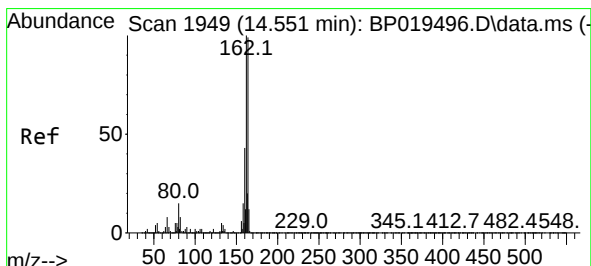
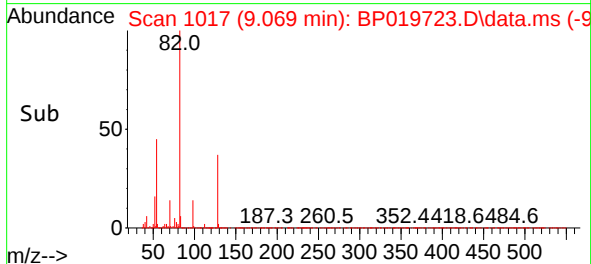
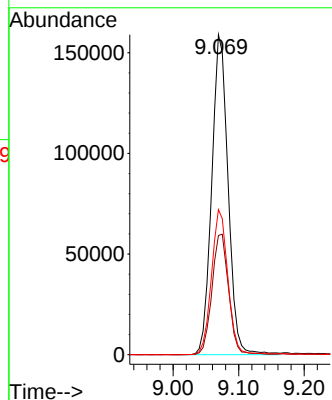
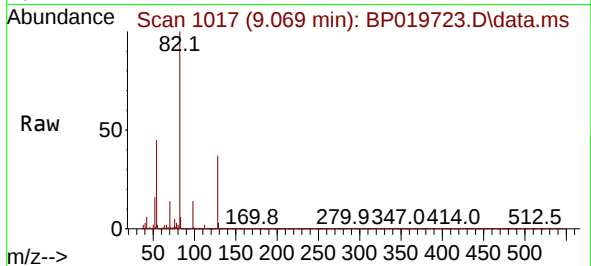




#23
Nitrobenzene-d5
Concen: 54.626 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019723.D
Acq: 15 Feb 2024 15:12

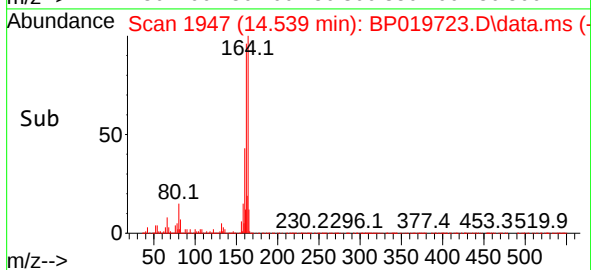
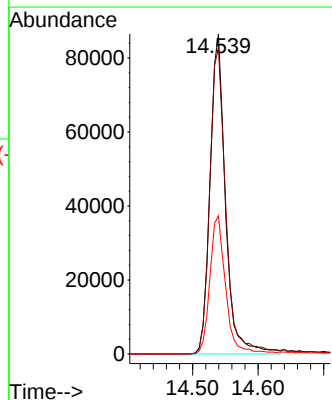
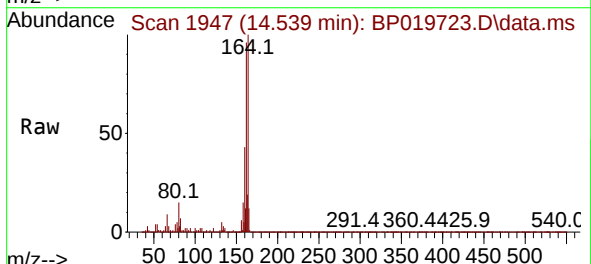
Instrument :
BNA_P
ClientSampleId :
SB-9(10-11)

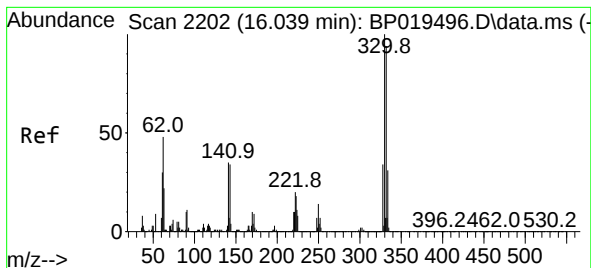
Tgt Ion: 82 Resp: 275680
Ion Ratio Lower Upper
82 100
128 37.2 29.7 44.5
54 45.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019723.D
Acq: 15 Feb 2024 15:12

Tgt Ion:164 Resp: 141759
Ion Ratio Lower Upper
164 100
162 95.7 81.2 121.8
160 43.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 114.181 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019723.D

Acq: 15 Feb 2024 15:12

Instrument :

BNA_P

ClientSampleId :

SB-9(10-11)

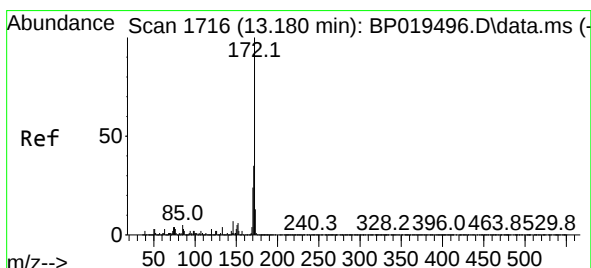
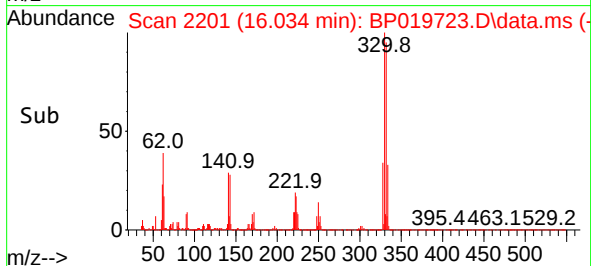
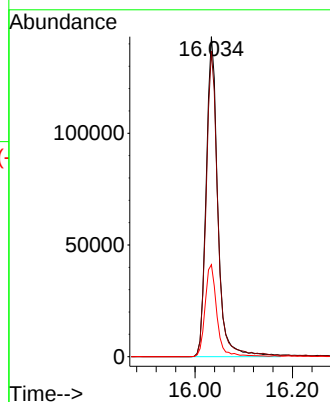
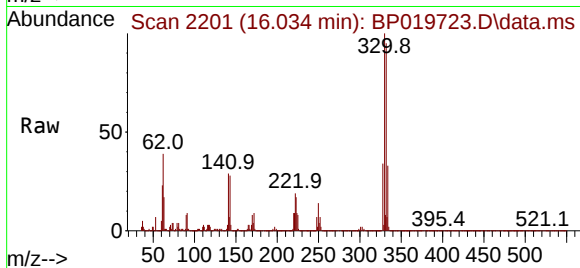
Tgt Ion:330 Resp: 236330

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

141 29.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 54.871 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019723.D

Acq: 15 Feb 2024 15:12

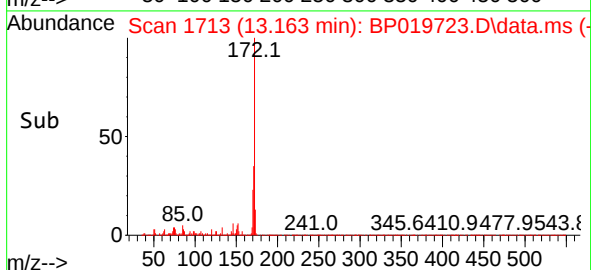
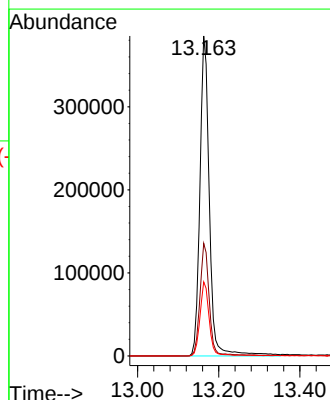
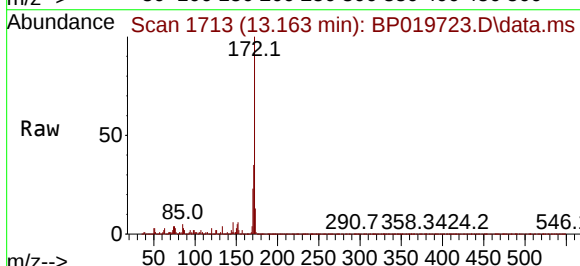
Tgt Ion:172 Resp: 629210

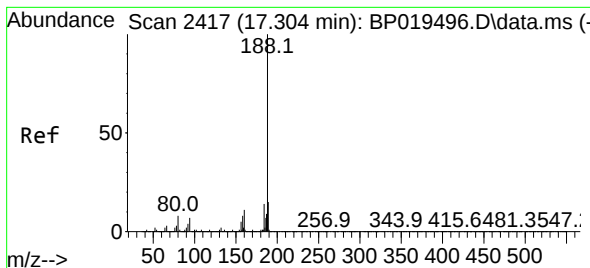
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.2 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: BP019723.D

Acq: 15 Feb 2024 15:12

Instrument :

BNA_P

ClientSampleId :

SB-9(10-11)

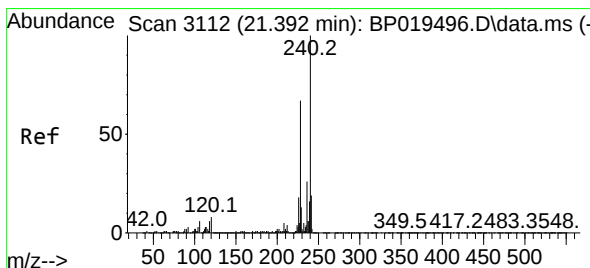
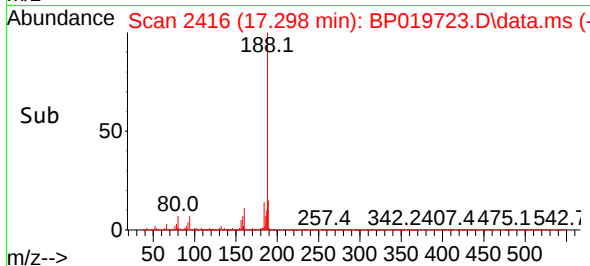
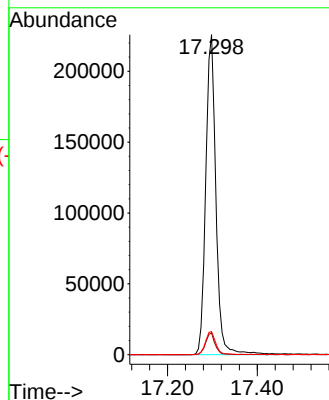
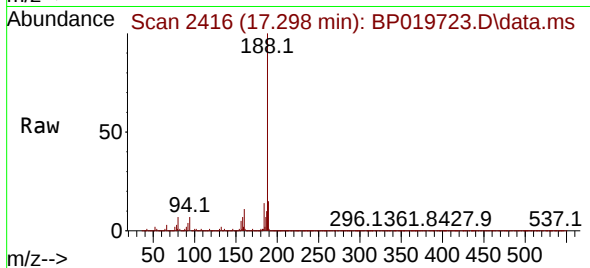
Tgt Ion:188 Resp: 354378

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 7.2 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: BP019723.D

Acq: 15 Feb 2024 15:12

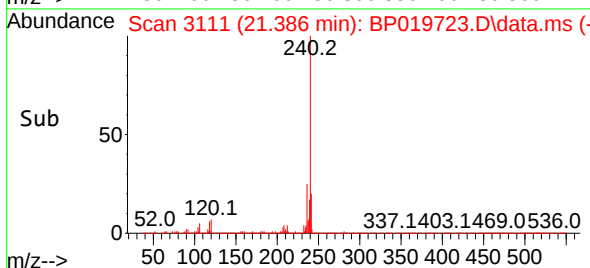
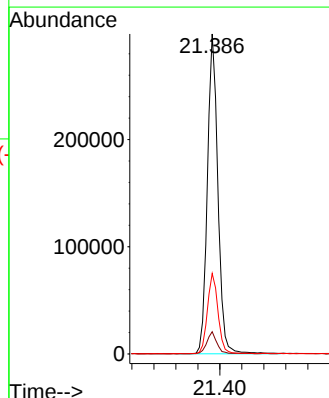
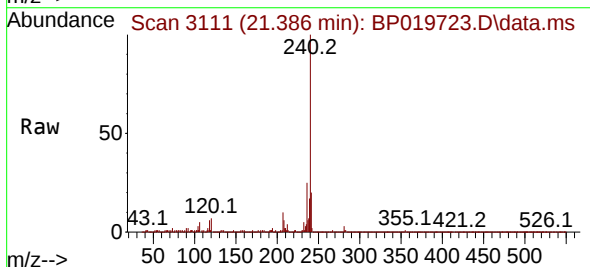
Tgt Ion:240 Resp: 395389

Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

236 25.1 20.7 31.1



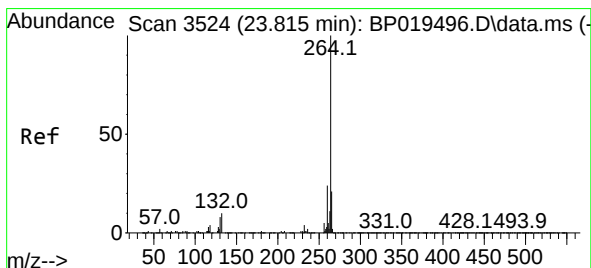
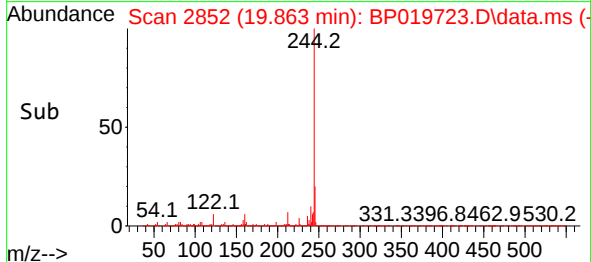
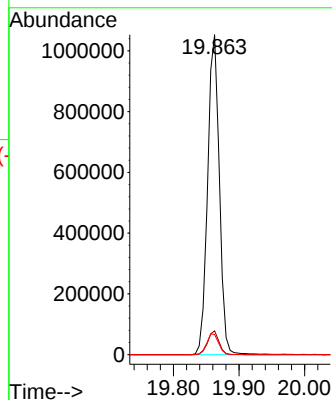
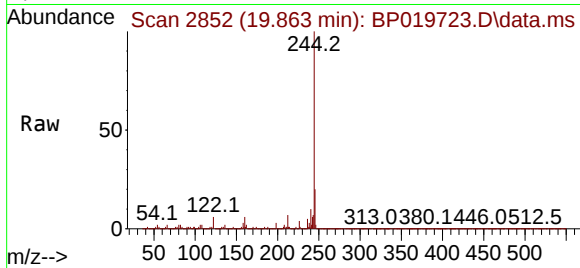


#79
 Terphenyl-d14
 Concen: 54.501 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019723.D
 Acq: 15 Feb 2024 15:12

Instrument :
 BNA_P
 ClientSampleId :
 SB-9(10-11)

Tgt Ion:244 Resp: 1310341

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	6.3	5.9	8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.810 min Scan# 3523
 Delta R.T. -0.006 min
 Lab File: BP019723.D
 Acq: 15 Feb 2024 15:12

Tgt Ion:264 Resp: 465030

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.0	25.4

