

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019749.D
 Acq On : 16 Feb 2024 17:32
 Operator : MA/JU
 Sample : P1394-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-5(13-14)

Quant Time: Feb 19 00:27:01 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	7.899	152	63531	20.000	ng	-0.02
21) Naphthalene-d8	10.698	136	227964	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	146688	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	373362	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	425468	20.000	ng	0.00
86) Perylene-d12	23.810	264	484341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	351618	89.213	ng	-0.01
7) Phenol-d6	7.069	99	437041	82.238	ng	-0.02
23) Nitrobenzene-d5	9.069	82	300033	57.030	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	268339	125.290	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	701739	59.140	ng	-0.02
79) Terphenyl-d14	19.863	244	1573726	60.829	ng	0.00

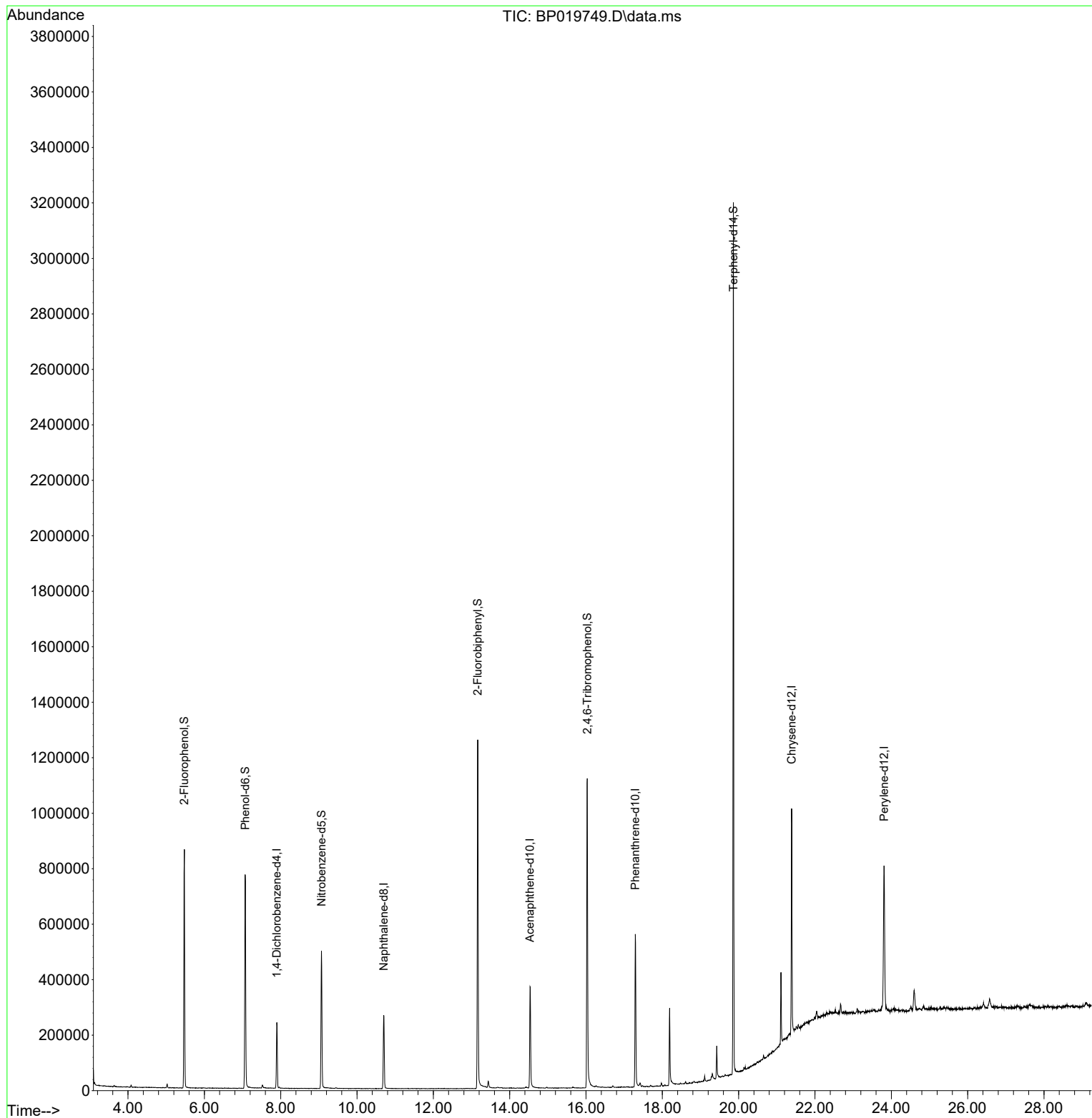
Target Compounds	Qvalue

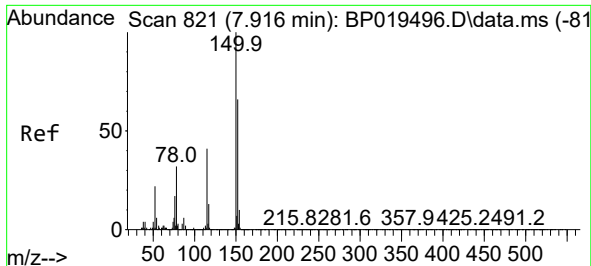
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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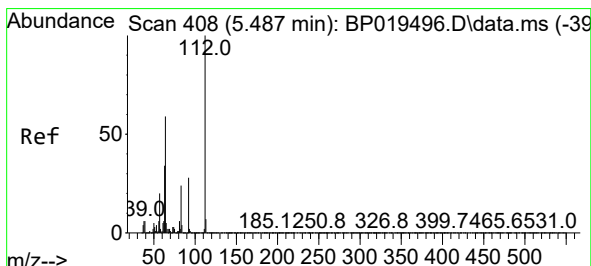
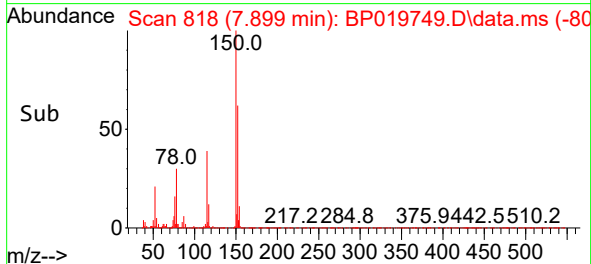
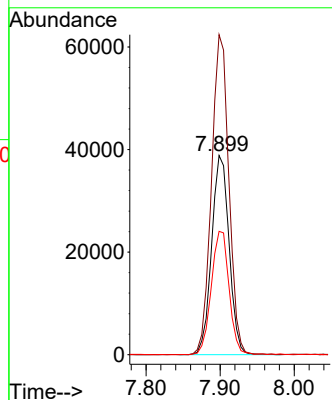
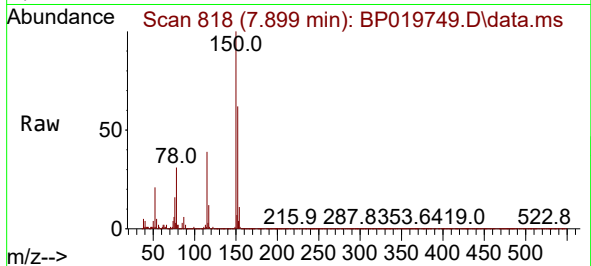




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019749.D
Acq: 16 Feb 2024 17:32

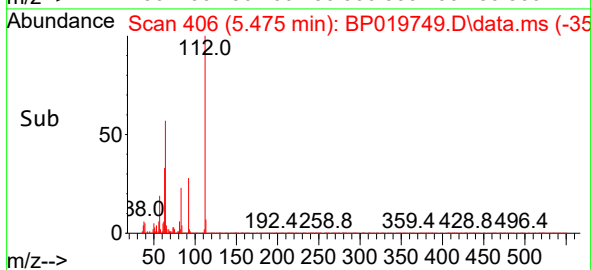
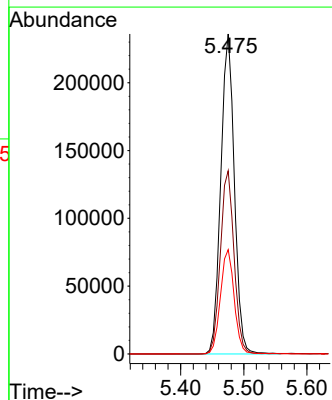
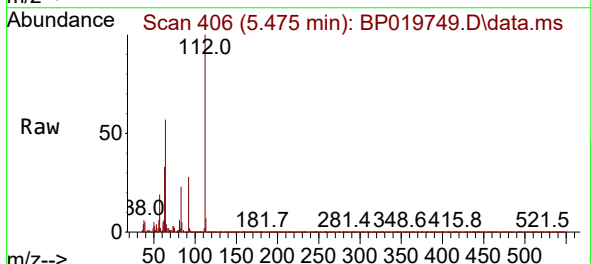
Instrument :
BNA_P
ClientSampleId :
SB-5(13-14)

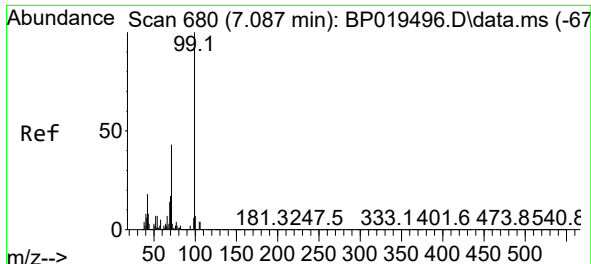
Tgt Ion:152 Resp: 63531
Ion Ratio Lower Upper
152 100
150 160.7 121.8 182.8
115 61.9 49.9 74.9



#5
2-Fluorophenol
Concen: 89.213 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019749.D
Acq: 16 Feb 2024 17:32

Tgt Ion:112 Resp: 351618
Ion Ratio Lower Upper
112 100
64 57.3 47.4 71.0
63 32.6 27.0 40.6

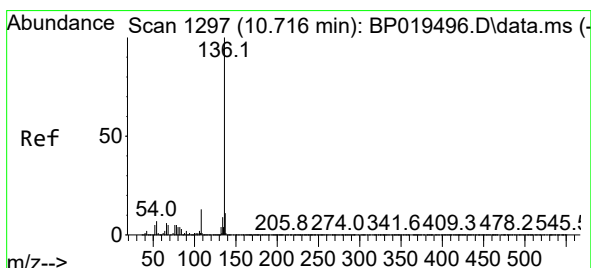
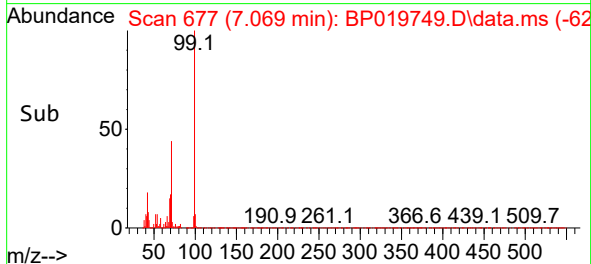
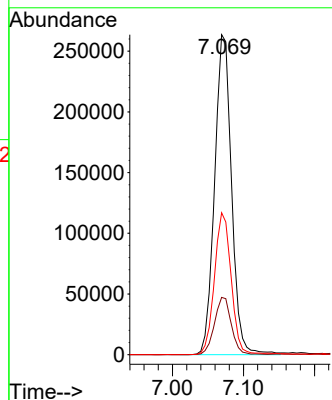
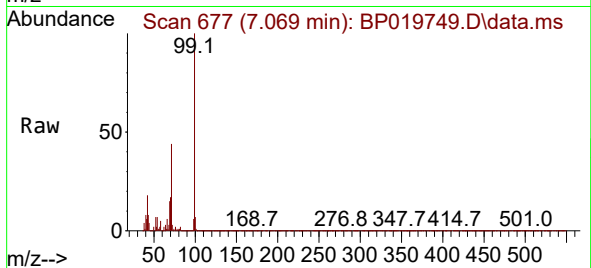




#7
Phenol-d6
Concen: 82.238 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP019749.D
Acq: 16 Feb 2024 17:32

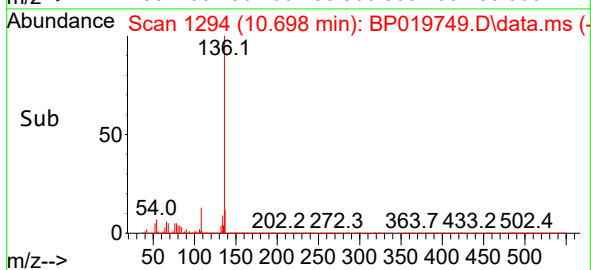
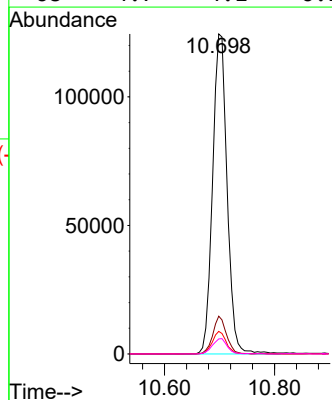
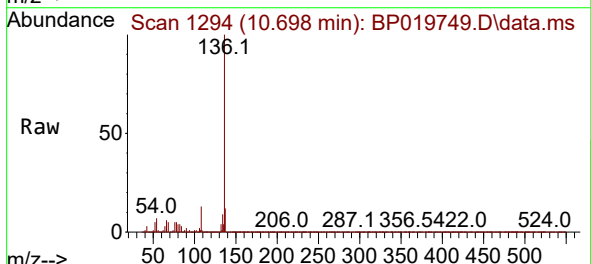
Instrument :
BNA_P
ClientSampleId :
SB-5(13-14)

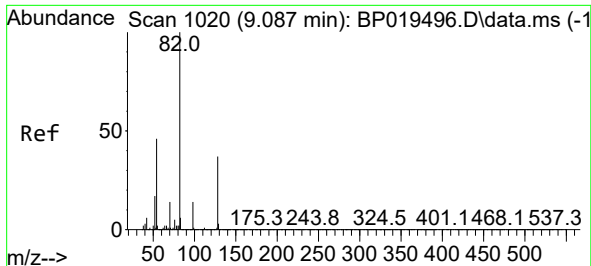
Tgt Ion: 99 Resp: 437041
Ion Ratio Lower Upper
99 100
42 17.9 14.7 22.1
71 44.3 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019749.D
Acq: 16 Feb 2024 17:32

Tgt Ion: 136 Resp: 227964
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 7.0 5.3 7.9
68 4.7 4.1 6.1

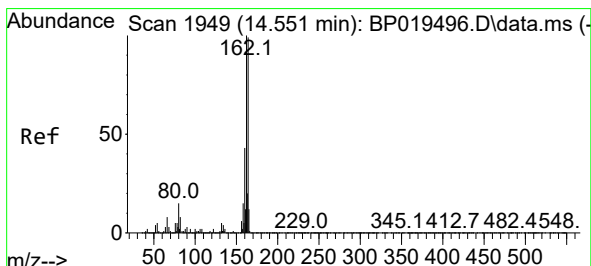
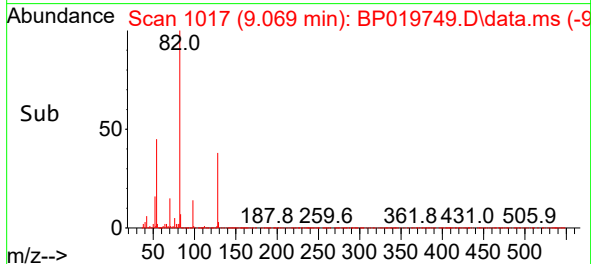
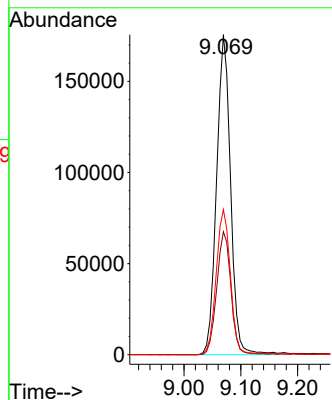
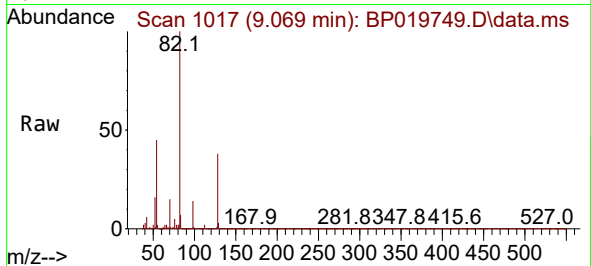




#23
Nitrobenzene-d5
Concen: 57.030 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP019749.D
Acq: 16 Feb 2024 17:32

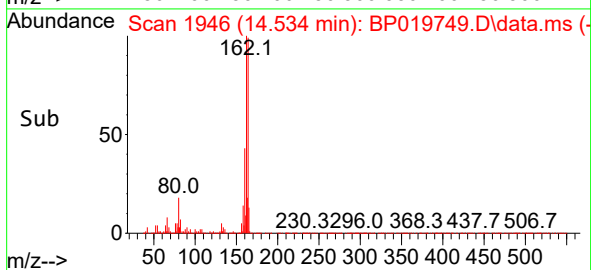
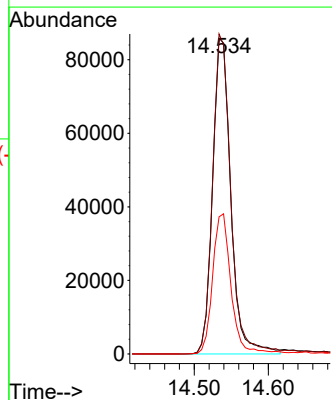
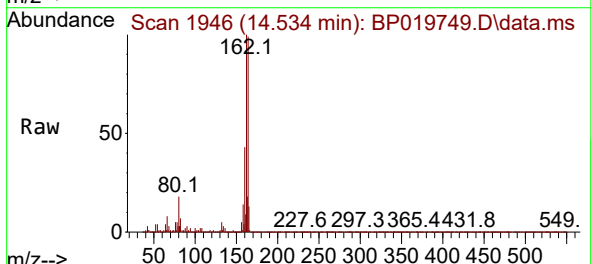
Instrument :
BNA_P
ClientSampleId :
SB-5(13-14)

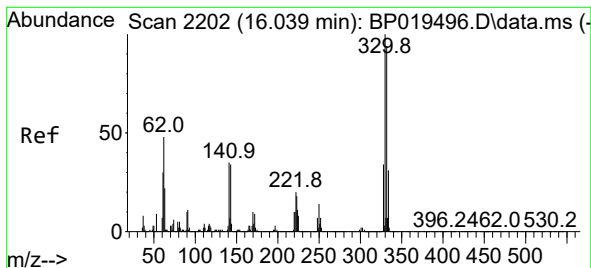
Tgt Ion: 82 Resp: 300033
Ion Ratio Lower Upper
82 100
128 38.4 29.7 44.5
54 45.3 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019749.D
Acq: 16 Feb 2024 17:32

Tgt Ion: 164 Resp: 146688
Ion Ratio Lower Upper
164 100
162 101.4 81.2 121.8
160 43.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 125.290 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019749.D

Acq: 16 Feb 2024 17:32

Instrument :

BNA_P

ClientSampleId :

SB-5(13-14)

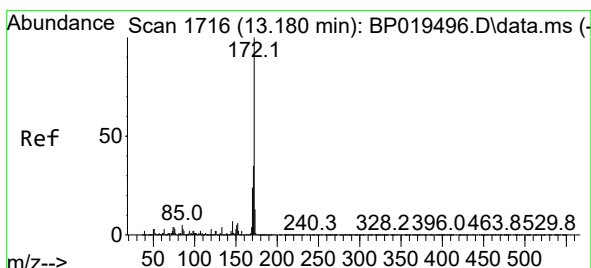
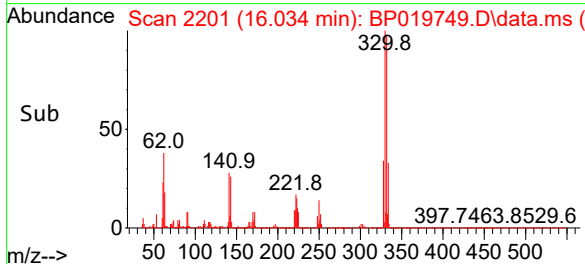
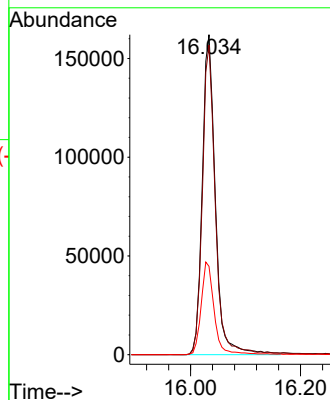
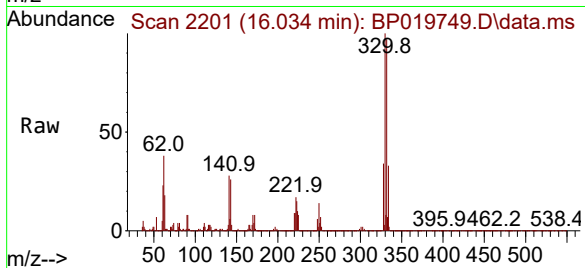
Tgt Ion:330 Resp: 268339

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

141 28.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 59.140 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019749.D

Acq: 16 Feb 2024 17:32

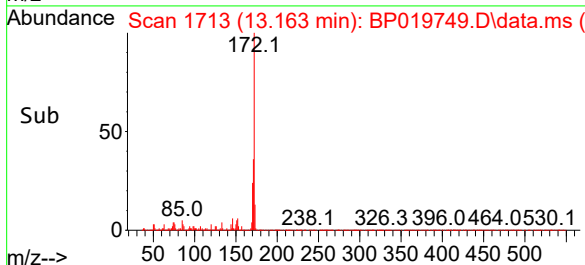
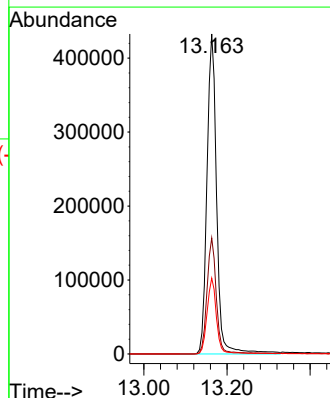
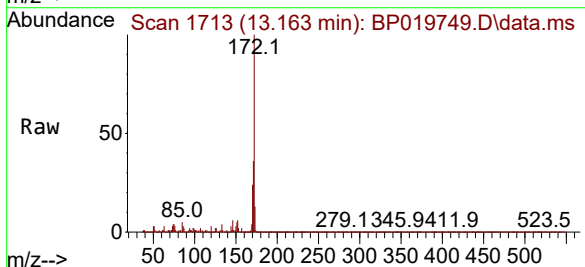
Tgt Ion:172 Resp: 701739

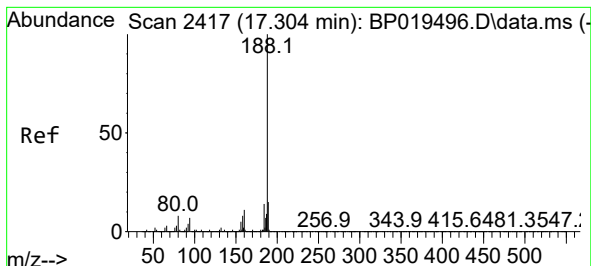
Ion Ratio Lower Upper

172 100

171 36.3 28.2 42.4

170 23.7 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: BP019749.D

Acq: 16 Feb 2024 17:32

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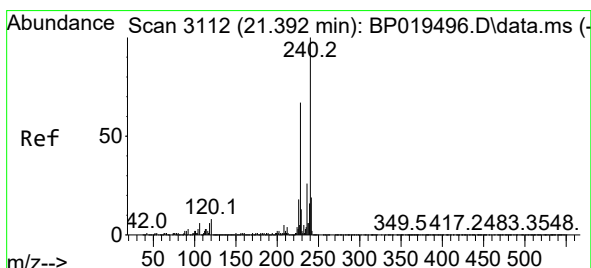
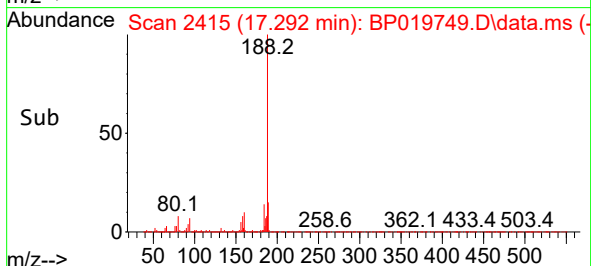
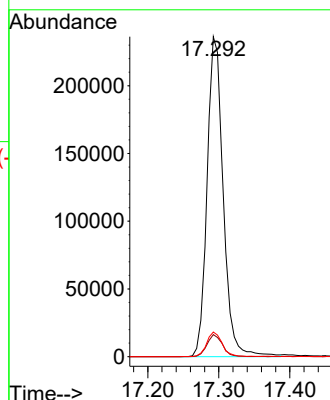
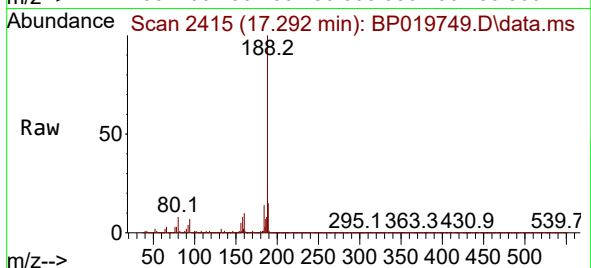
Tgt Ion:188 Resp: 373362

Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.2

80 7.7 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: BP019749.D

Acq: 16 Feb 2024 17:32

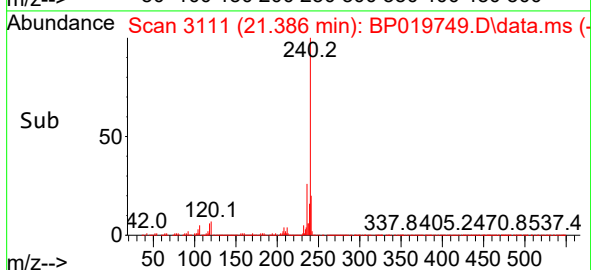
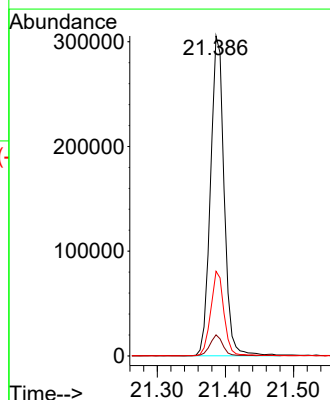
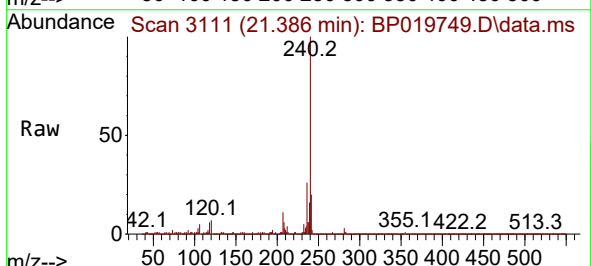
Tgt Ion:240 Resp: 425468

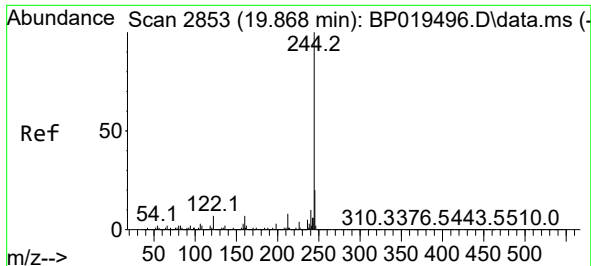
Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

236 26.5 20.7 31.1

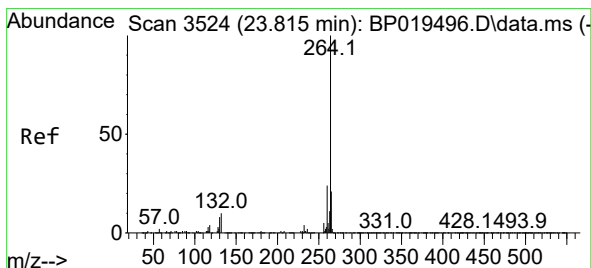
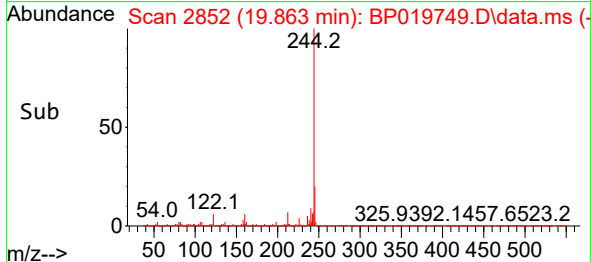
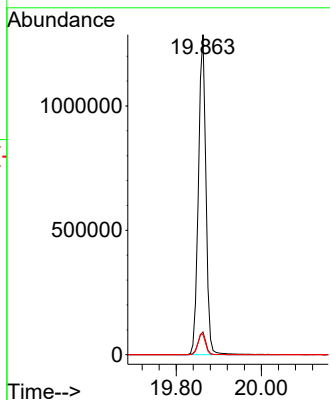
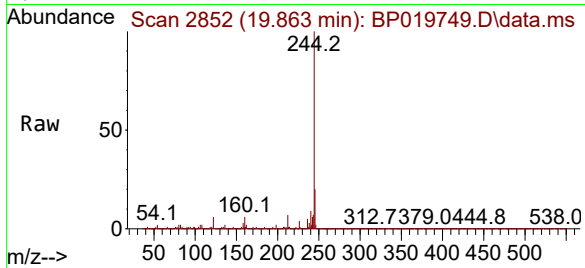




#79
 Terphenyl-d14
 Concen: 60.829 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019749.D
 Acq: 16 Feb 2024 17:32

Instrument :
 BNA_P
 ClientSampleId :
 SB-5(13-14)

Tgt Ion:244 Resp: 1573726
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.4 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: BP019749.D
 Acq: 16 Feb 2024 17:32

Tgt Ion:264 Resp: 484341
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.3 17.0 25.4

