

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019722.D
 Acq On : 15 Feb 2024 14:38
 Operator : MA/JU
 Sample : P1414-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-8(10-11)

Quant Time: Feb 15 15:03:17 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	66440	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	237047	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	167646	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	420356	20.000	ng	0.00
76) Chrysene-d12	21.386	240	424270	20.000	ng	0.00
86) Perylene-d12	23.810	264	479471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	329770	80.007	ng	-0.01
7) Phenol-d6	7.075	99	415655	74.789	ng	-0.01
23) Nitrobenzene-d5	9.069	82	289701	52.956	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	265908	108.634	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	657968	48.519	ng	-0.02
79) Terphenyl-d14	19.863	244	1362515	52.813	ng	0.00

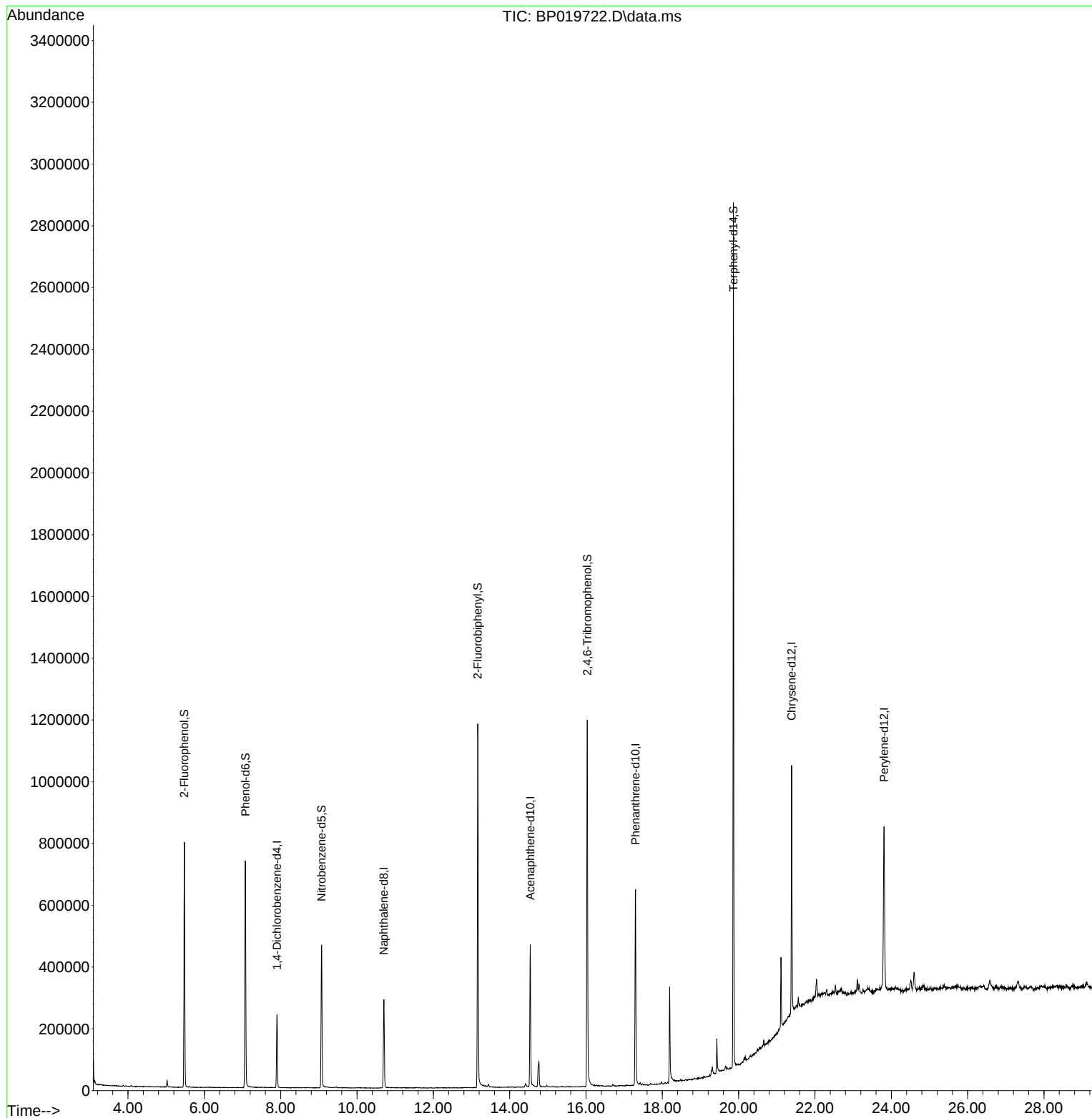
Target Compounds	Qvalue

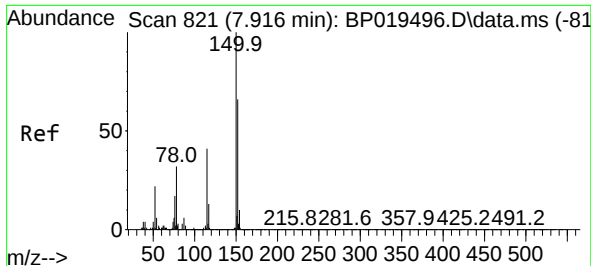
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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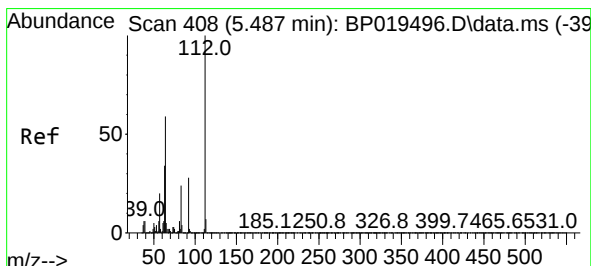
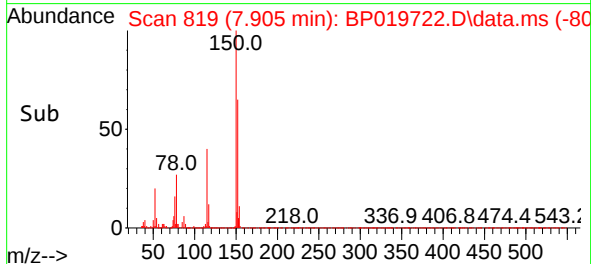
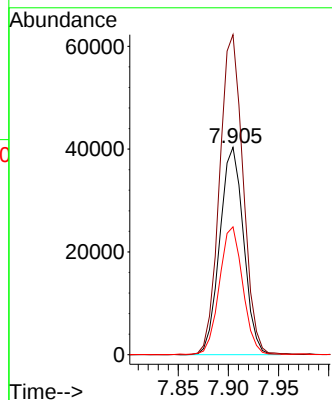
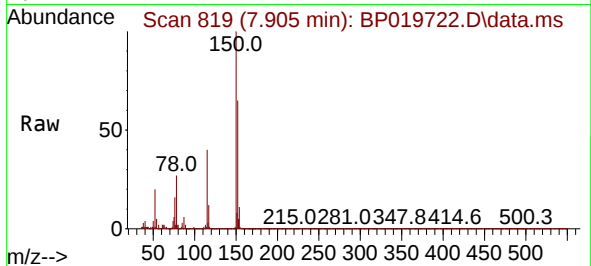




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019722.D
Acq: 15 Feb 2024 14:38

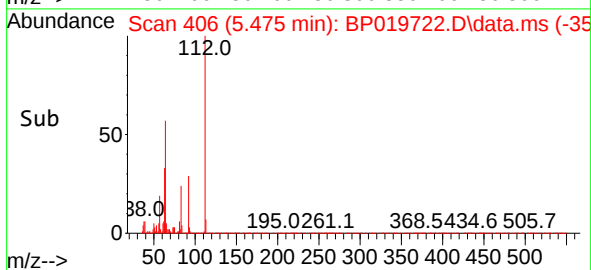
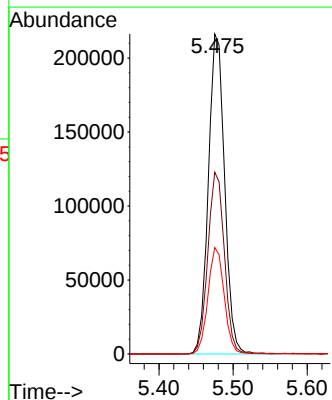
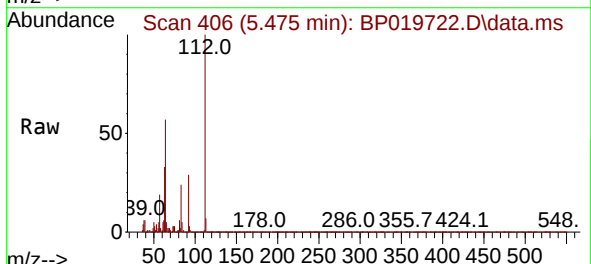
Instrument :
BNA_P
ClientSampleId :
SB-8(10-11)

Tgt Ion:152 Resp: 66440
Ion Ratio Lower Upper
152 100
150 154.4 121.8 182.8
115 61.7 49.9 74.9



#5
2-Fluorophenol
Concen: 80.007 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019722.D
Acq: 15 Feb 2024 14:38

Tgt Ion:112 Resp: 329770
Ion Ratio Lower Upper
112 100
64 56.8 47.4 71.0
63 33.2 27.0 40.6

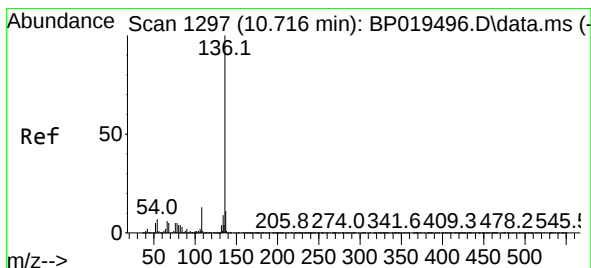
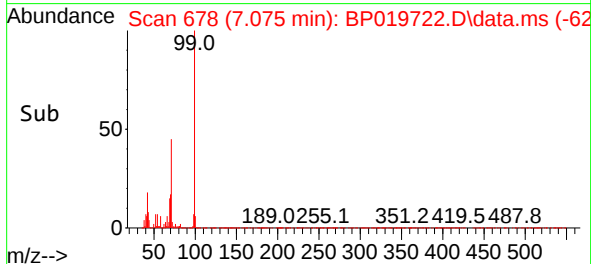
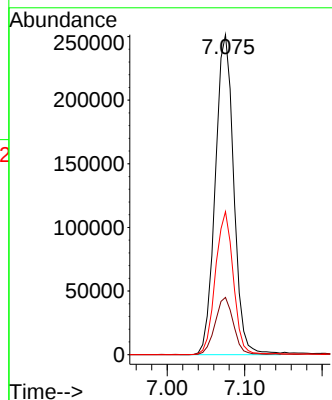
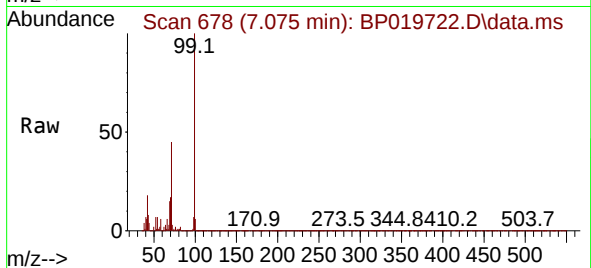




#7
Phenol-d6
Concen: 74.789 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019722.D
Acq: 15 Feb 2024 14:38

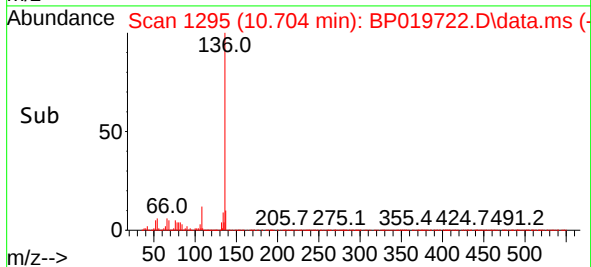
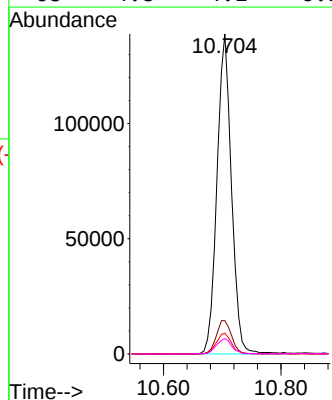
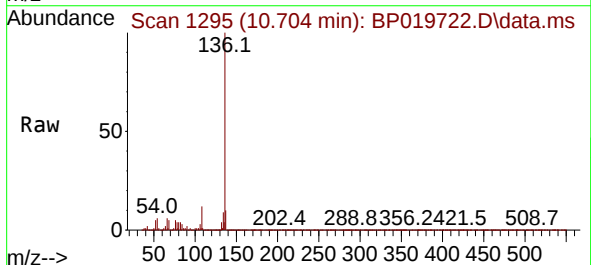
Instrument :
BNA_P
ClientSampleId :
SB-8(10-11)

Tgt Ion: 99 Resp: 415655
Ion Ratio Lower Upper
99 100
42 17.9 14.7 22.1
71 44.7 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: BP019722.D
Acq: 15 Feb 2024 14:38

Tgt Ion:136 Resp: 237047
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 6.5 5.3 7.9
68 4.8 4.1 6.1

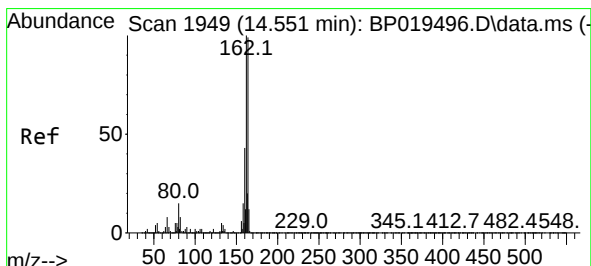
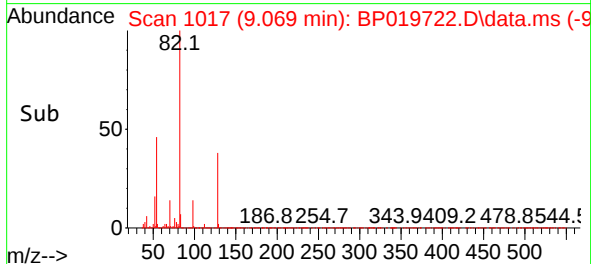
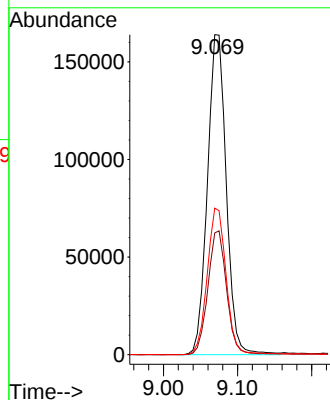
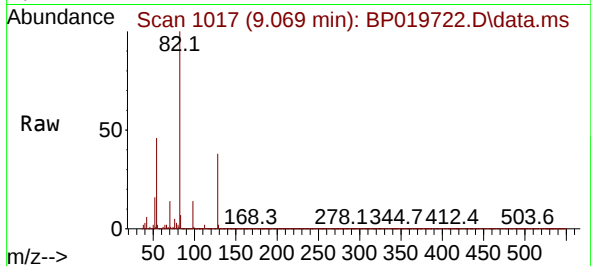




#23
Nitrobenzene-d5
Concen: 52.956 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019722.D
Acq: 15 Feb 2024 14:38

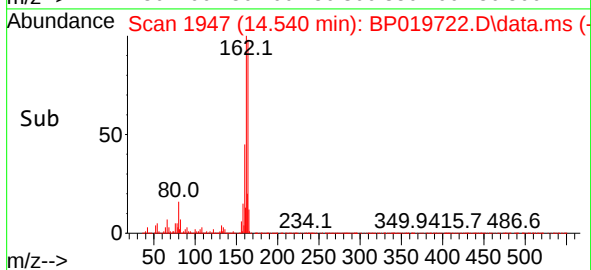
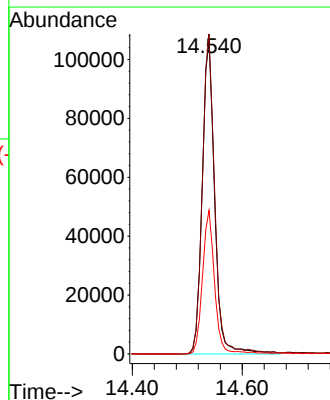
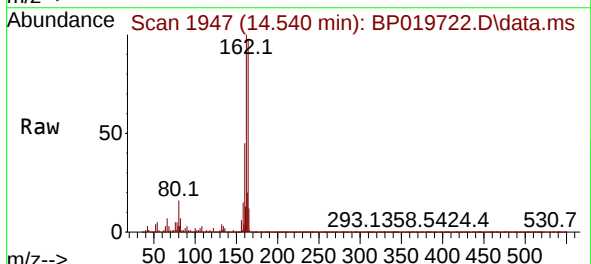
Instrument :
BNA_P
ClientSampleId :
SB-8(10-11)

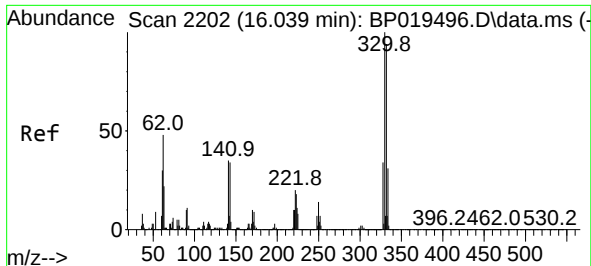
Tgt Ion: 82 Resp: 289701
Ion Ratio Lower Upper
82 100
128 38.1 29.7 44.5
54 45.8 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019722.D
Acq: 15 Feb 2024 14:38

Tgt Ion: 164 Resp: 167646
Ion Ratio Lower Upper
164 100
162 102.1 81.2 121.8
160 45.8 35.1 52.7

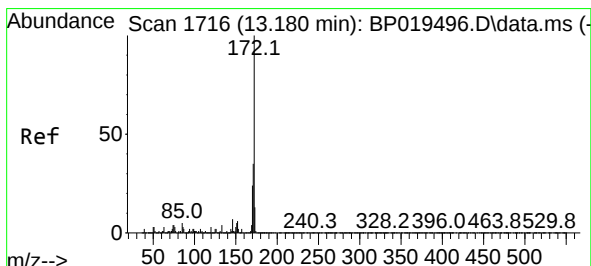
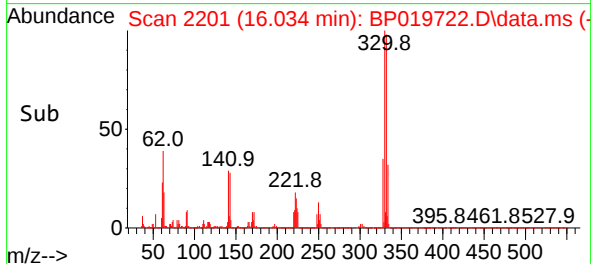
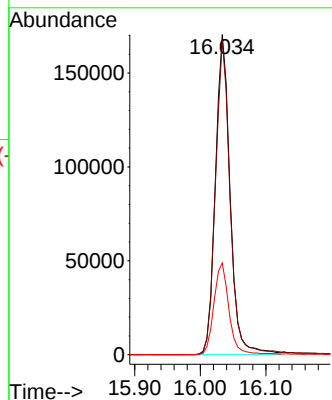
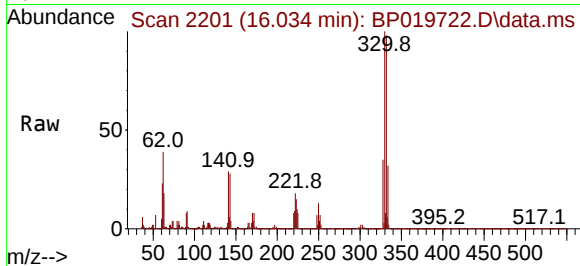




#42
2,4,6-Tribromophenol
Concen: 108.634 ng
RT: 16.034 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019722.D
Acq: 15 Feb 2024 14:38

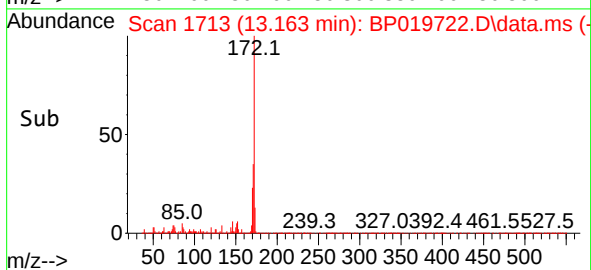
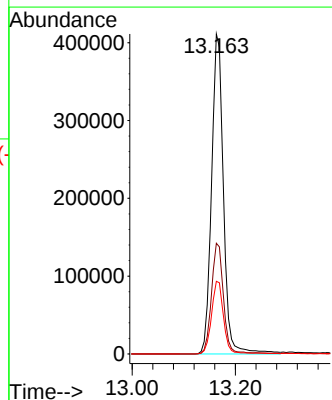
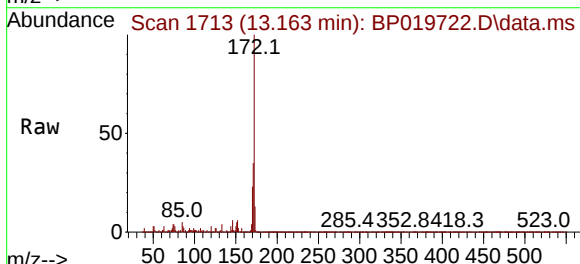
Instrument :
BNA_P
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SB-8(10-11)

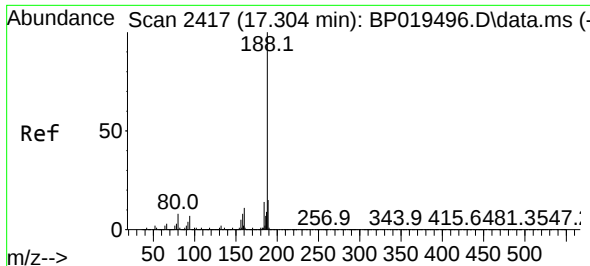
Tgt Ion:330 Resp: 265908
Ion Ratio Lower Upper
330 100
332 98.4 77.2 115.8
141 29.1 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 48.519 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019722.D
Acq: 15 Feb 2024 14:38

Tgt Ion:172 Resp: 657968
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.4
170 22.7 18.9 28.3

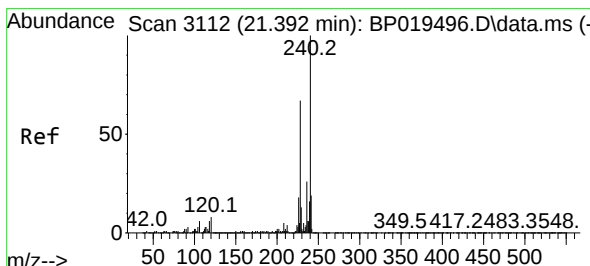
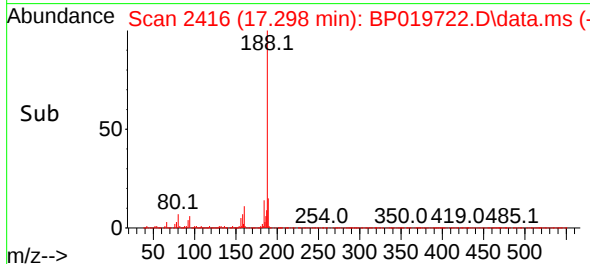
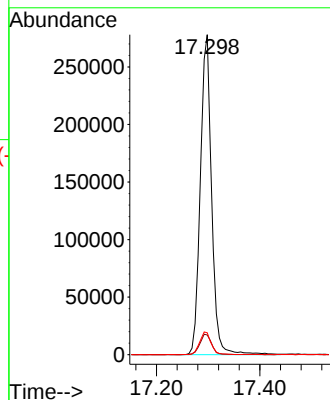
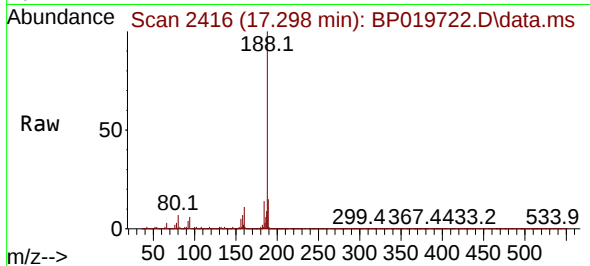




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019722.D
Acq: 15 Feb 2024 14:38

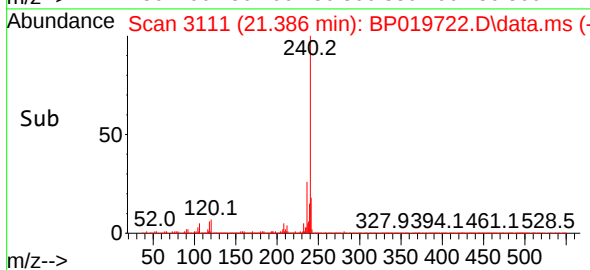
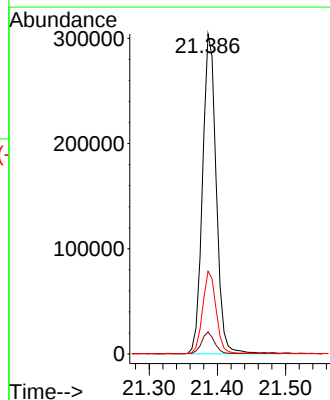
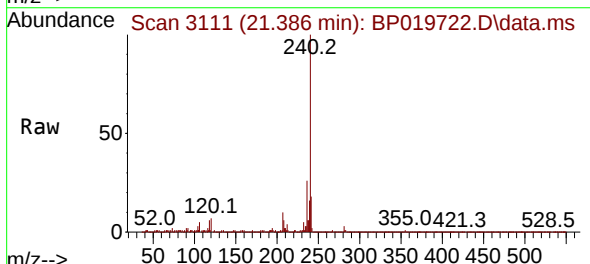
Instrument :
BNA_P
ClientSampleId :
SB-8(10-11)

Tgt Ion:188 Resp: 420356
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.2
80 6.8 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: BP019722.D
Acq: 15 Feb 2024 14:38

Tgt Ion:240 Resp: 424270
Ion Ratio Lower Upper
240 100
120 6.9 6.1 9.1
236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 52.813 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019722.D

Acq: 15 Feb 2024 14:38

Instrument :

BNA_P

ClientSampleId :

SB-8(10-11)

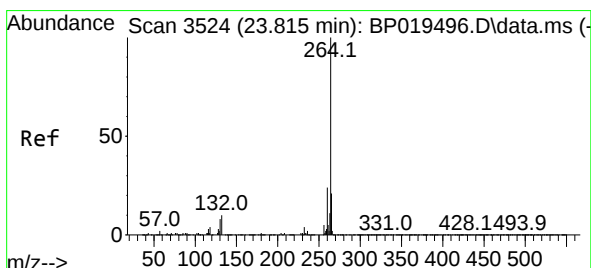
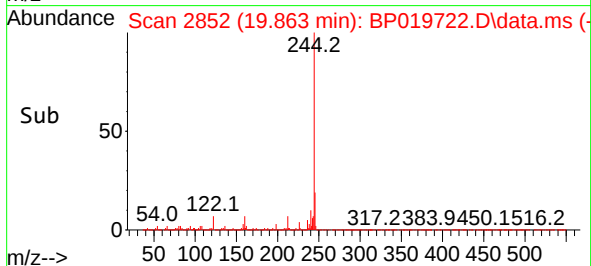
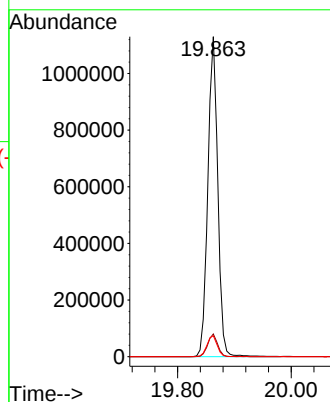
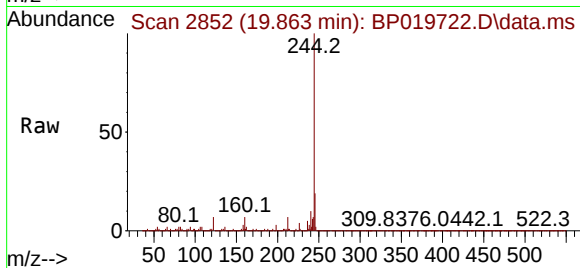
Tgt Ion:244 Resp: 1362515

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.6 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: BP019722.D

Acq: 15 Feb 2024 14:38

Tgt Ion:264 Resp: 479471

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.9 17.0 25.4

