

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
 Data File : BP021615.D
 Acq On : 22 Aug 2024 15:48
 Operator : RC/JU
 Sample : P3689-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-1

Quant Time: Aug 22 16:48:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 11:12:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	278085	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1138353	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	777548	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1833242	20.000	ng	0.01
76) Chrysene-d12	21.722	240	1894275	20.000	ng	0.00
86) Perylene-d12	25.157	264	2095430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2191592	117.022	ng	0.00
7) Phenol-d6	6.964	99	3101518	113.526	ng	0.00
23) Nitrobenzene-d5	8.946	82	1781998	80.799	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1233777	142.571	ng	0.01
45) 2-Fluorobiphenyl	13.057	172	3057947	60.021	ng	0.00
79) Terphenyl-d14	19.980	244	5627884	57.718	ng	0.00

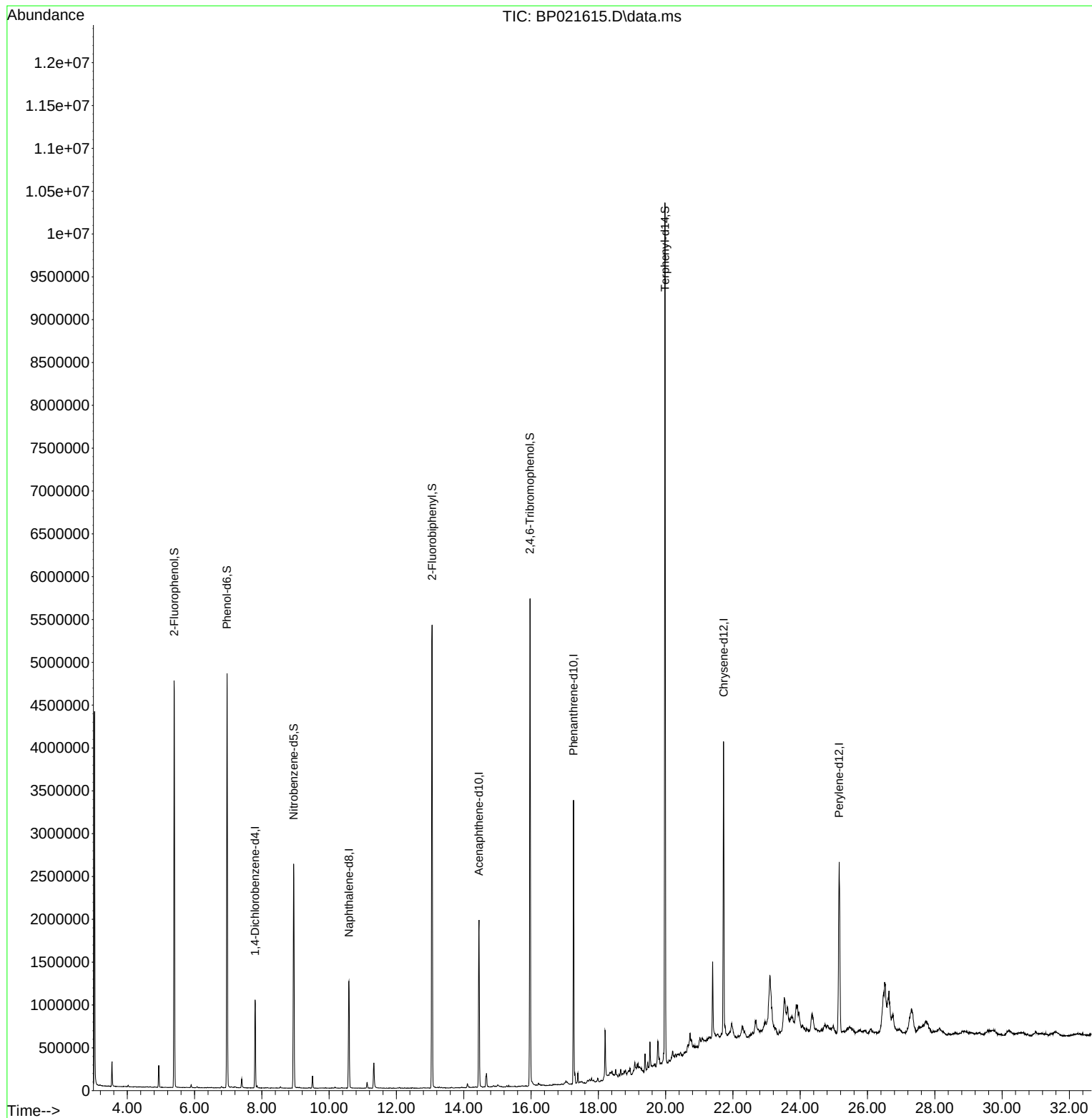
Target Compounds	Qvalue

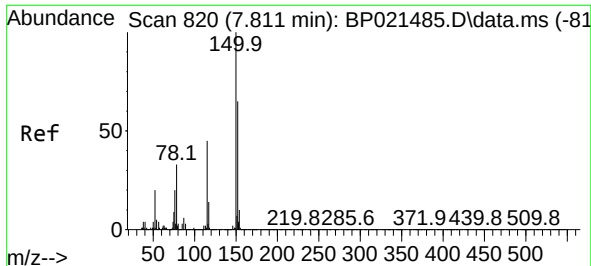
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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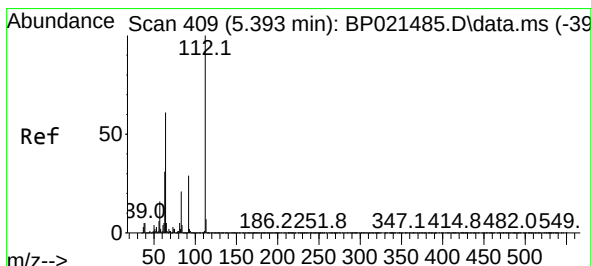
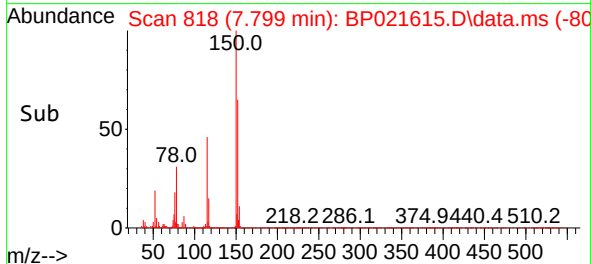
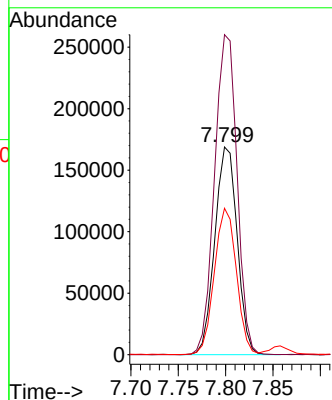
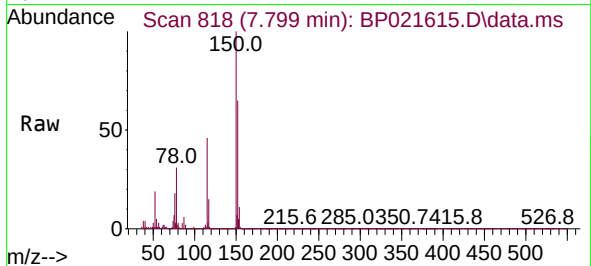




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

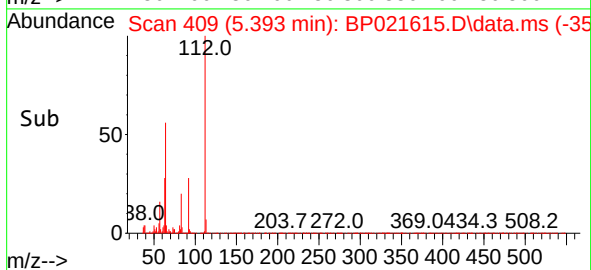
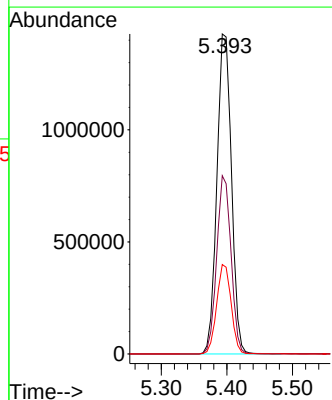
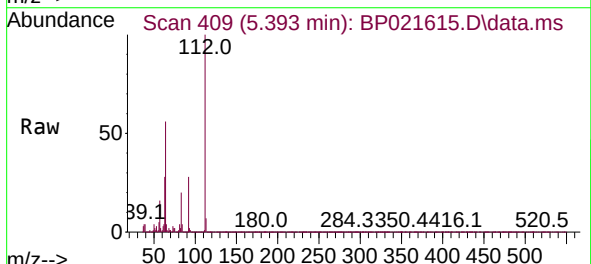
Instrument :
BNA_P
ClientSampleId :
WC-1

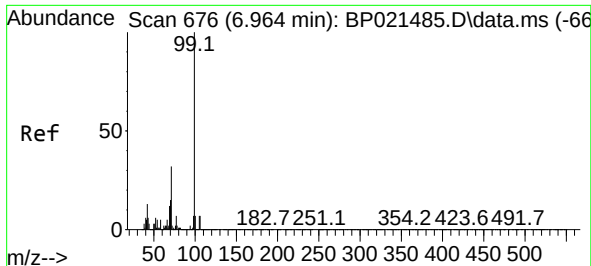
Tgt Ion:152 Resp: 278085
Ion Ratio Lower Upper
152 100
150 154.1 122.4 183.6
115 70.5 54.7 82.1



#5
2-Fluorophenol
Concen: 117.022 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.006 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

Tgt Ion:112 Resp: 2191592
Ion Ratio Lower Upper
112 100
64 55.7 49.0 73.6
63 28.0 24.6 36.8



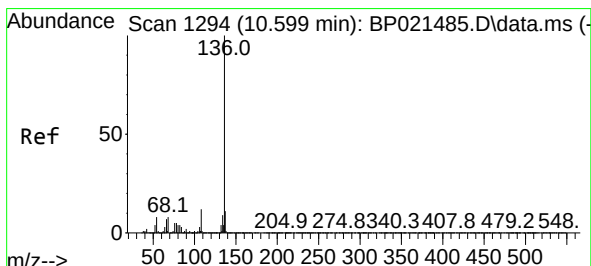
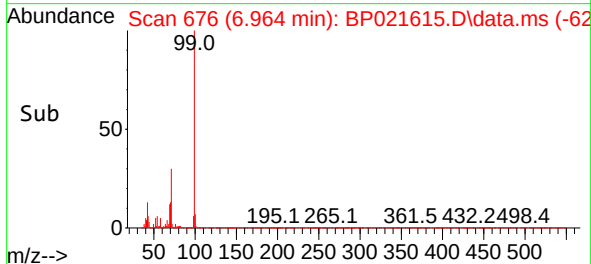
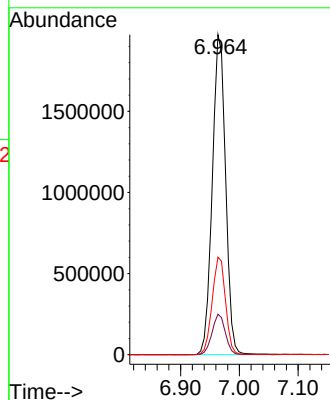
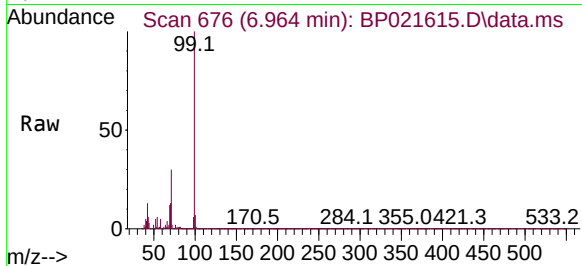


#7
Phenol-d6
Concen: 113.526 ng
RT: 6.964 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

Instrument :
BNA_P
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 3101518

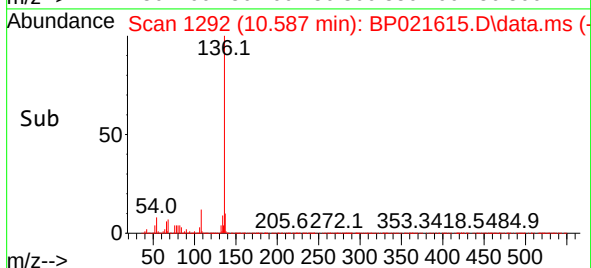
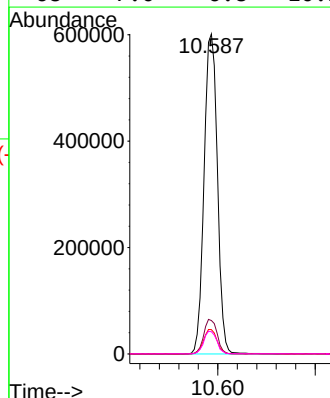
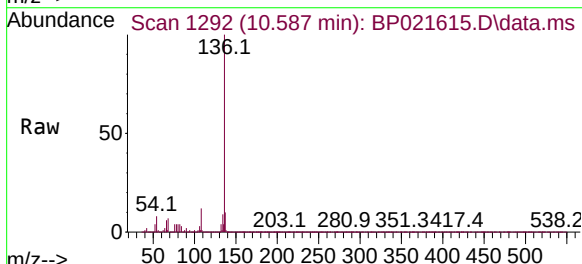
Ion	Ratio	Lower	Upper
99	100		
42	12.7	10.2	15.4
71	30.5	25.8	38.8

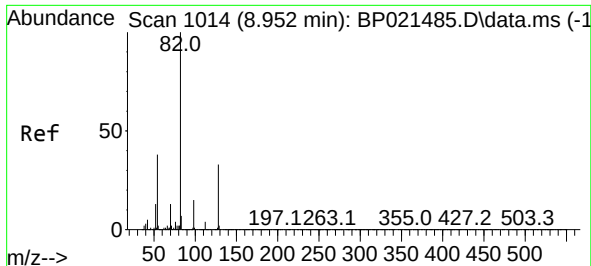


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

Tgt Ion: 136 Resp: 1138353

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.6	6.3	9.5
68	7.0	6.8	10.2

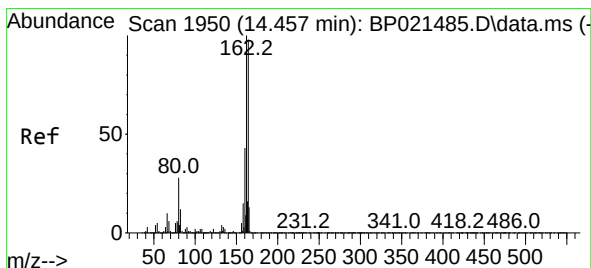
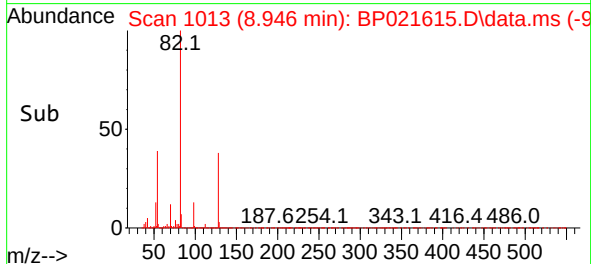
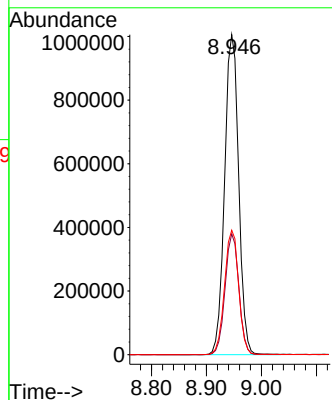
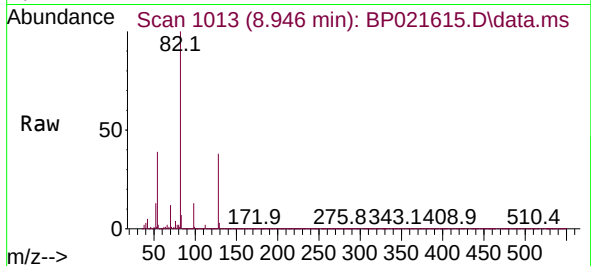




#23
Nitrobenzene-d5
Concen: 80.799 ng
RT: 8.946 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

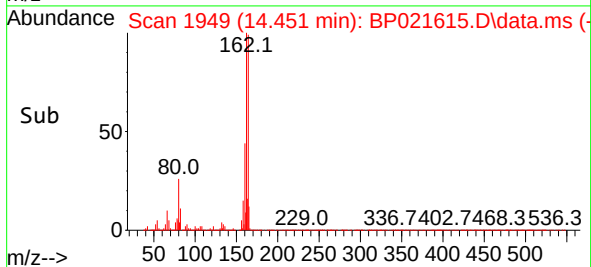
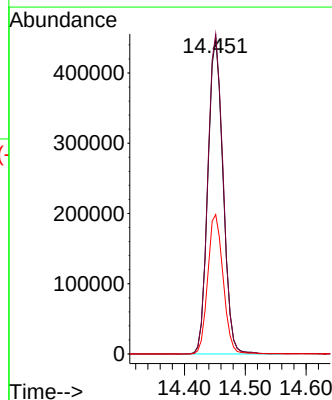
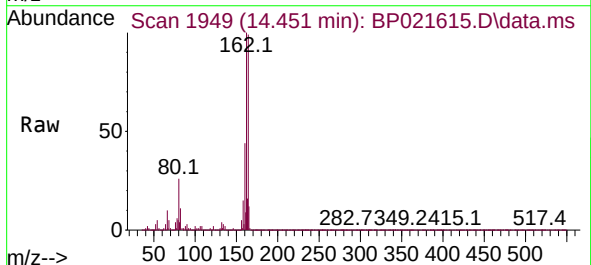
Instrument :
BNA_P
ClientSampleId :
WC-1

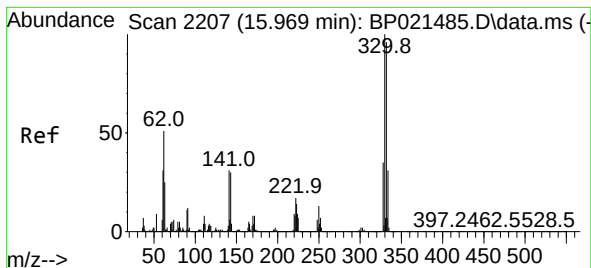
Tgt Ion: 82 Resp: 1781998
Ion Ratio Lower Upper
82 100
128 37.8 26.5 39.7
54 38.9 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

Tgt Ion:164 Resp: 777548
Ion Ratio Lower Upper
164 100
162 101.2 81.5 122.3
160 44.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 142.571 ng

RT: 15.969 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

Instrument :

BNA_P

ClientSampleId :

WC-1

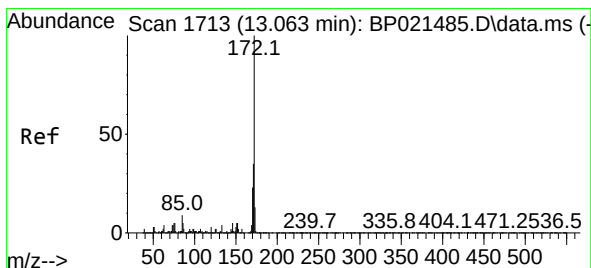
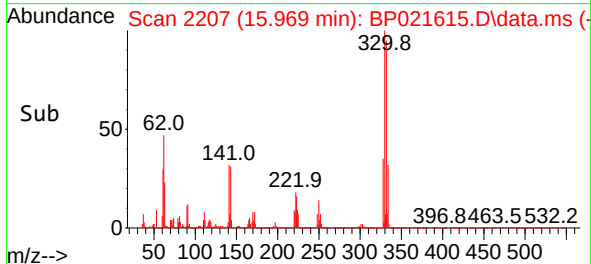
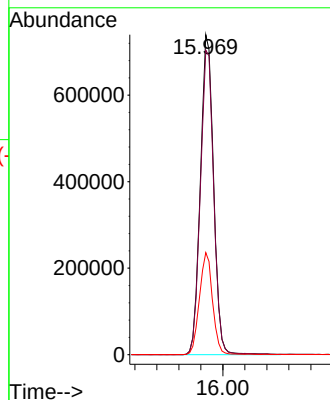
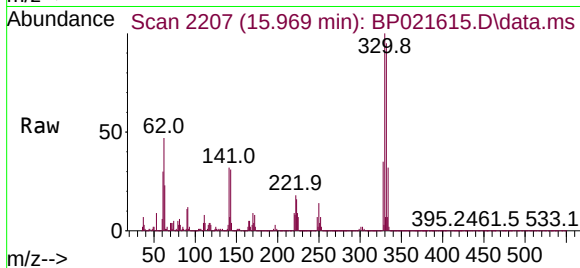
Tgt Ion:330 Resp: 1233777

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.0

141 31.7 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 60.021 ng

RT: 13.057 min Scan# 1712

Delta R.T. 0.006 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

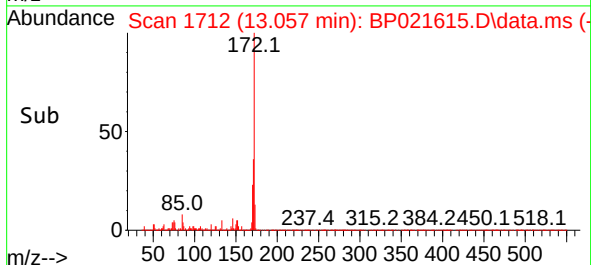
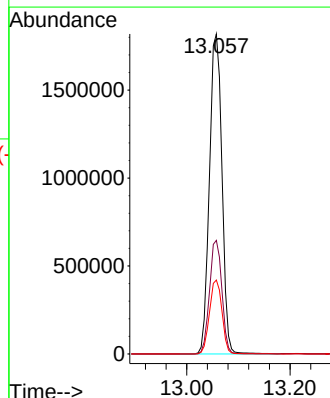
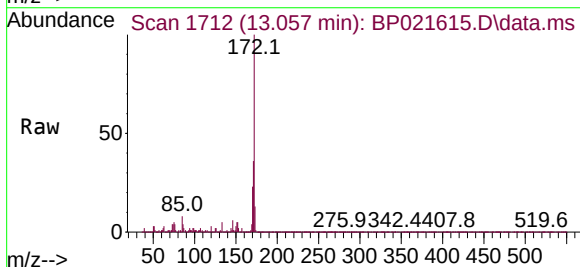
Tgt Ion:172 Resp: 3057947

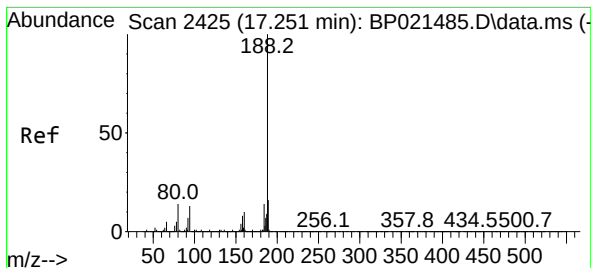
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.1 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 2425

Delta R.T. 0.012 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

Instrument :

BNA_P

ClientSampleId :

WC-1

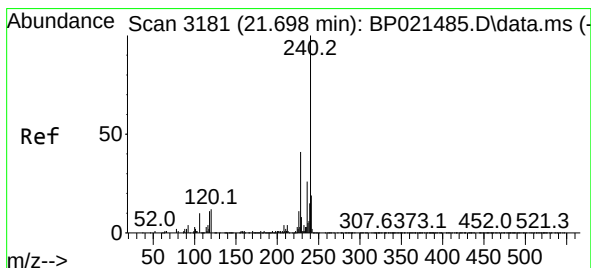
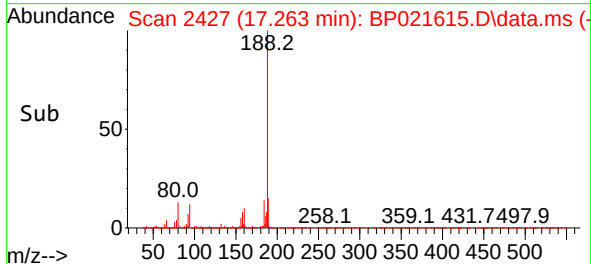
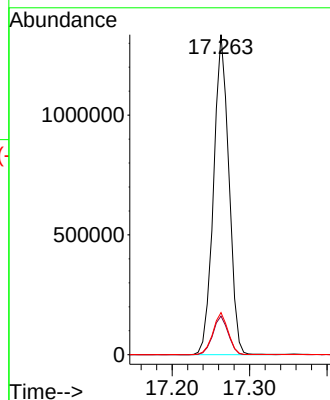
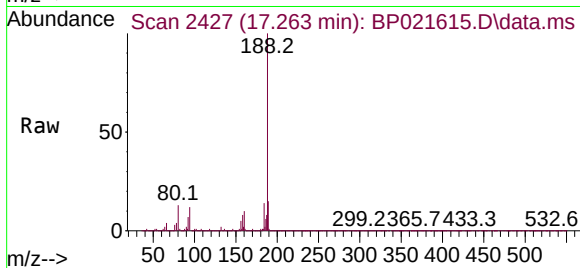
Tgt Ion:188 Resp: 1833242

Ion Ratio Lower Upper

188 100

94 12.0 10.2 15.4

80 13.1 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.722 min Scan# 3185

Delta R.T. 0.006 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

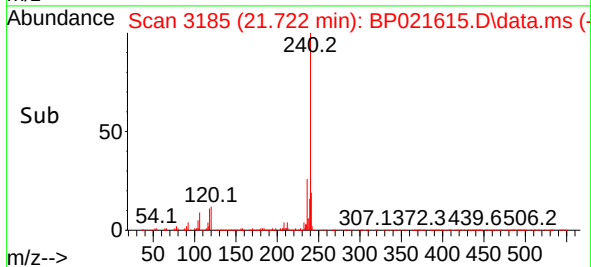
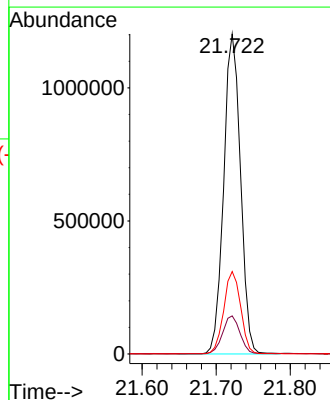
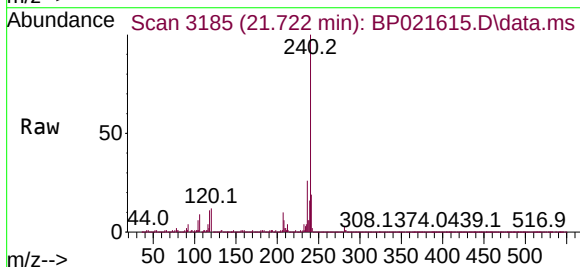
Tgt Ion:240 Resp: 1894275

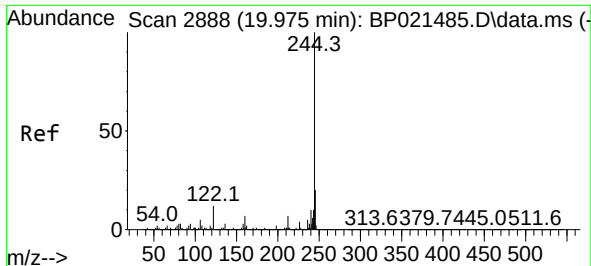
Ion Ratio Lower Upper

240 100

120 11.9 9.9 14.9

236 25.8 20.6 30.8

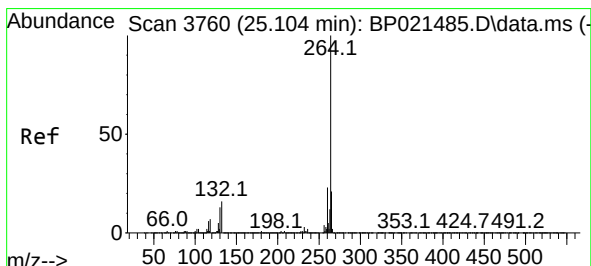
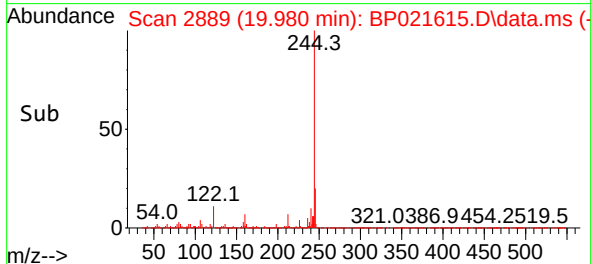
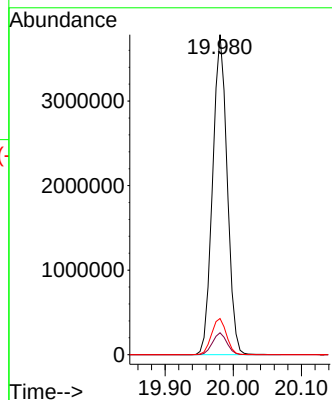
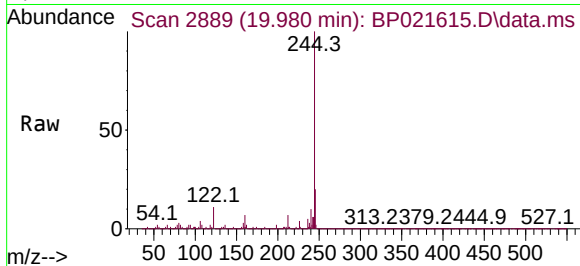




#79
 Terphenyl-d14
 Concen: 57.718 ng
 RT: 19.980 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP021615.D
 Acq: 22 Aug 2024 15:48

Instrument :
 BNA_P
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 5627884
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.3 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.157 min Scan# 3769
 Delta R.T. 0.006 min
 Lab File: BP021615.D
 Acq: 22 Aug 2024 15:48

Tgt Ion:264 Resp: 2095430
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 22.4 17.1 25.7

