

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021603.D
 Acq On : 21 Aug 2024 18:51
 Operator : RC/JU
 Sample : P3617-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VCPS-B2-081424-6W

Quant Time: Aug 22 00:20:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

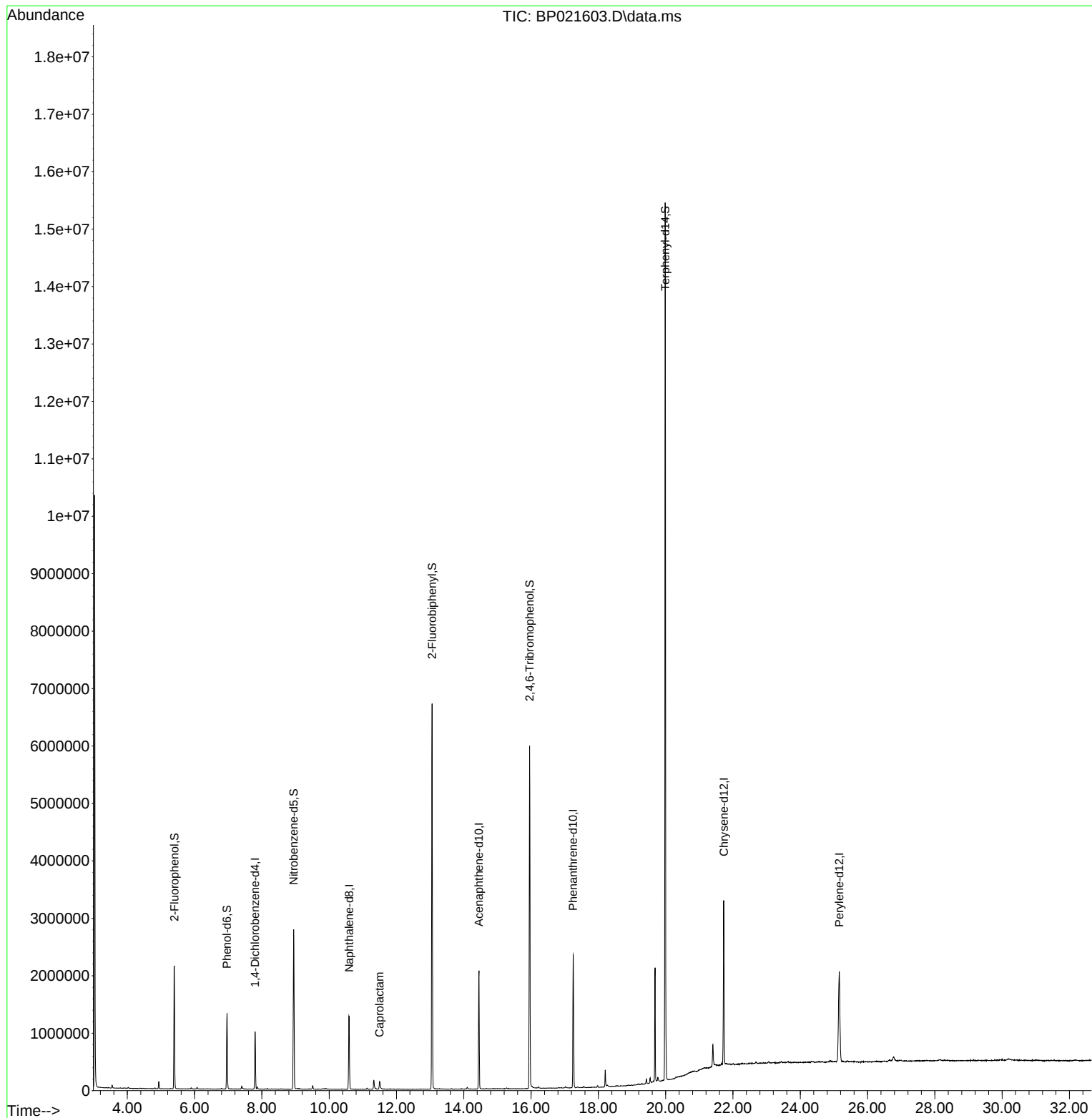
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	261742	20.000	ng	-0.01
21) Naphthalene-d8	10.593	136	1033083	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	684745	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1518800	20.000	ng	0.00
76) Chrysene-d12	21.727	240	1538942	20.000	ng	0.03
86) Perylene-d12	25.162	264	1796450	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	983509	55.794	ng	0.00
7) Phenol-d6	6.963	99	860199	33.452	ng	0.00
23) Nitrobenzene-d5	8.946	82	1813443	90.603	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1241419	162.896	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	3321544	74.030	ng	0.00
79) Terphenyl-d14	19.986	244	7131585	90.028	ng	0.01
Target Compounds						
35) Caprolactam	11.498	113	36589	6.376	ng	Qvalue 97

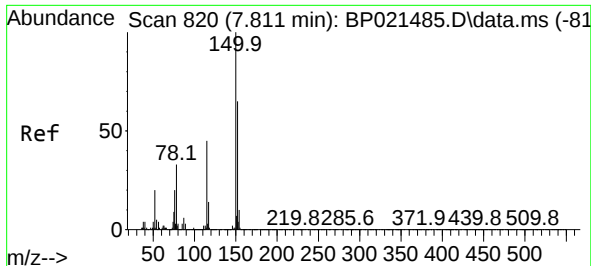
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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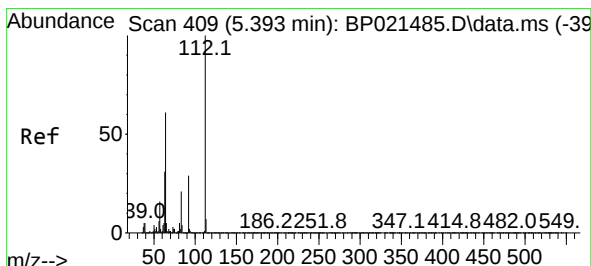
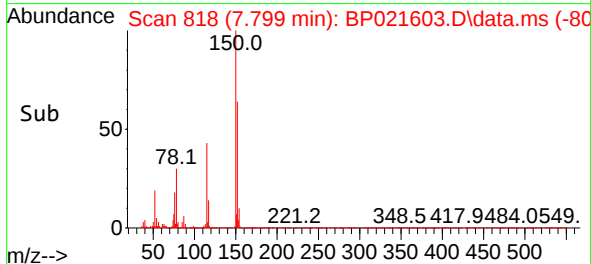
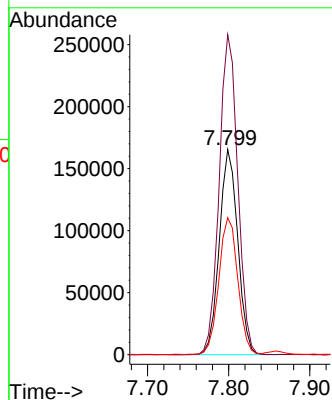
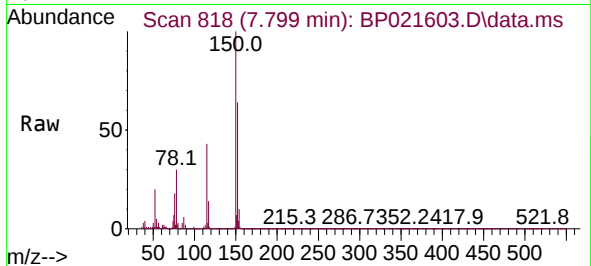




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP021603.D
Acq: 21 Aug 2024 18:51

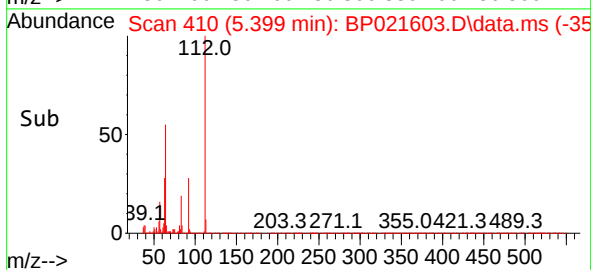
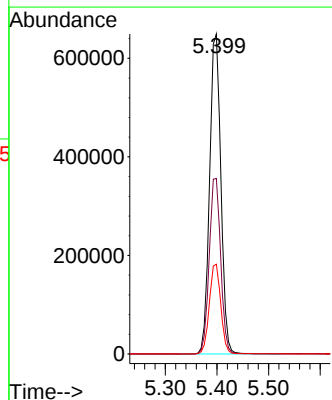
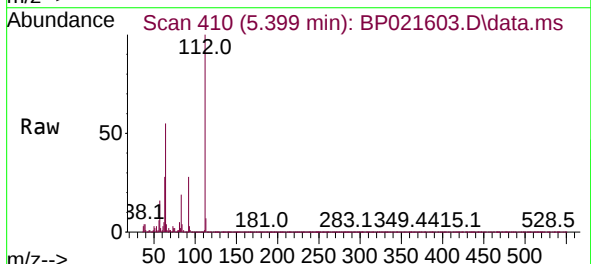
Instrument :
BNA_P
ClientSampleId :
VCPS-B2-081424-6W

Tgt Ion:152 Resp: 261742
Ion Ratio Lower Upper
152 100
150 155.9 122.4 183.6
115 66.7 54.7 82.1



#5
2-Fluorophenol
Concen: 55.794 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021603.D
Acq: 21 Aug 2024 18:51

Tgt Ion:112 Resp: 983509
Ion Ratio Lower Upper
112 100
64 54.9 49.0 73.6
63 28.1 24.6 36.8

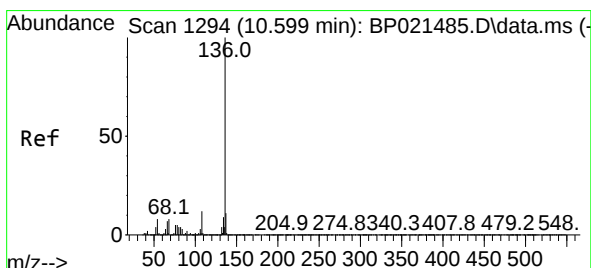
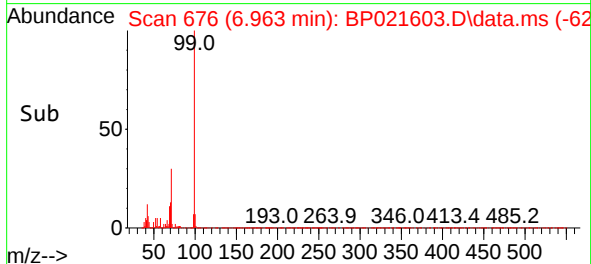
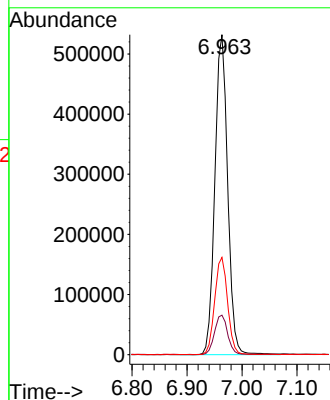
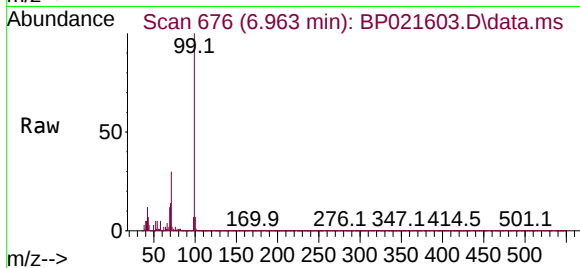




#7
Phenol-d6
Concen: 33.452 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021603.D
Acq: 21 Aug 2024 18:51

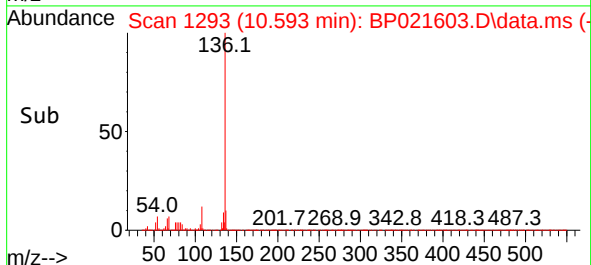
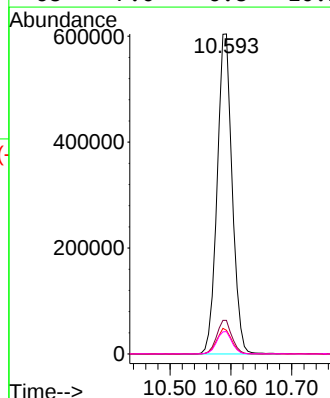
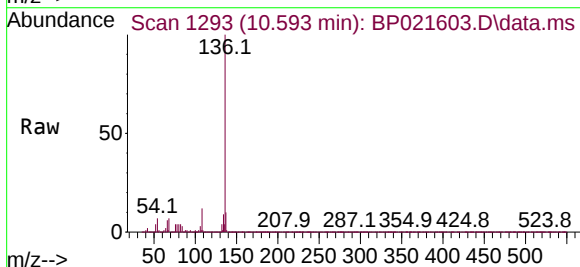
Instrument :
BNA_P
ClientSampleId :
VCPS-B2-081424-6W

Tgt Ion: 99 Resp: 860199
Ion Ratio Lower Upper
99 100
42 12.4 10.2 15.4
71 30.4 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021603.D
Acq: 21 Aug 2024 18:51

Tgt Ion: 136 Resp: 1033083
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.4 6.3 9.5
68 7.0 6.8 10.2

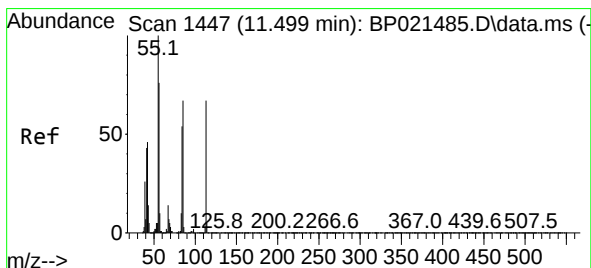
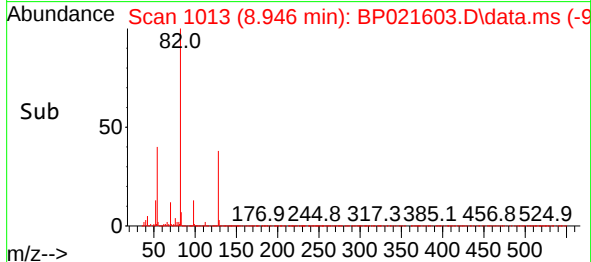
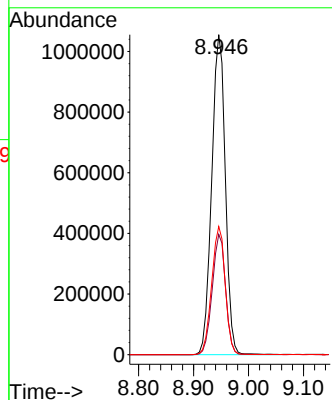
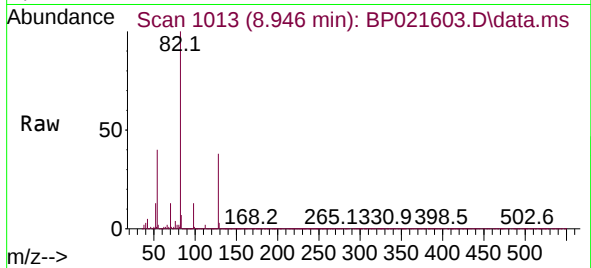




#23
Nitrobenzene-d5
Concen: 90.603 ng
RT: 8.946 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP021603.D
Acq: 21 Aug 2024 18:51

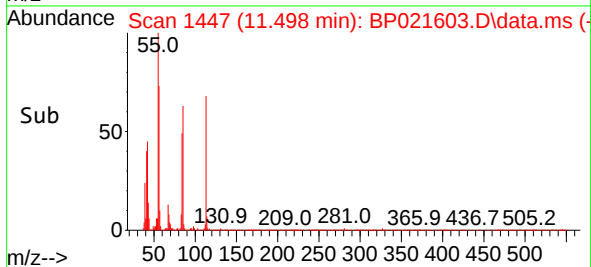
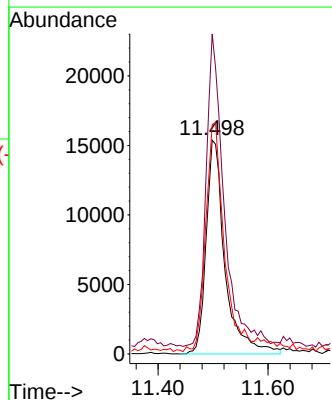
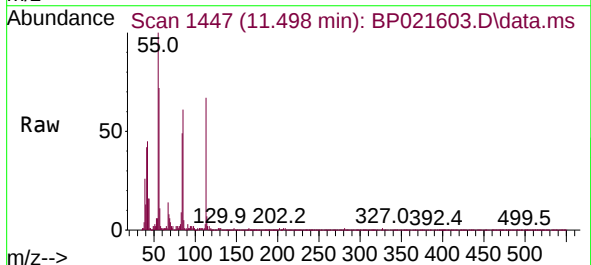
Instrument :
BNA_P
ClientSampleId :
VCPS-B2-081424-6W

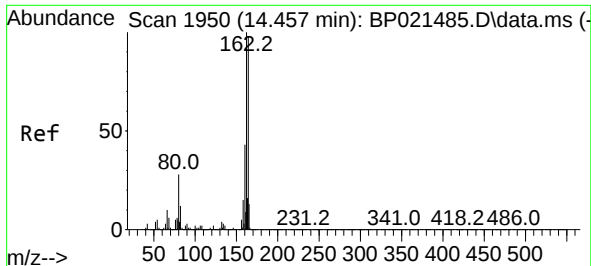
Tgt Ion: 82 Resp: 1813443
Ion Ratio Lower Upper
82 100
128 37.6 26.5 39.7
54 40.0 30.3 45.5



#35
Caprolactam
Concen: 6.376 ng
RT: 11.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BP021603.D
Acq: 21 Aug 2024 18:51

Tgt Ion: 113 Resp: 36589
Ion Ratio Lower Upper
113 100
55 149.6 130.6 170.6
56 107.3 94.6 134.6

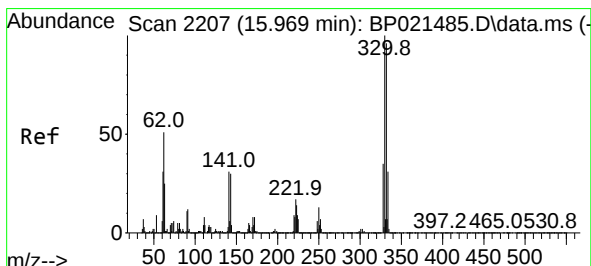
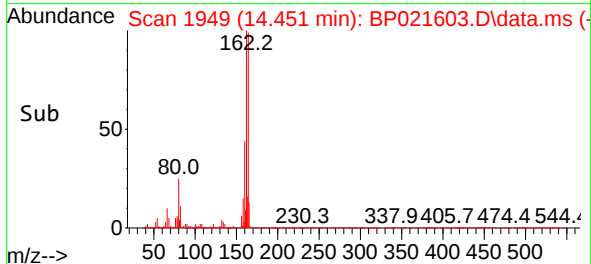
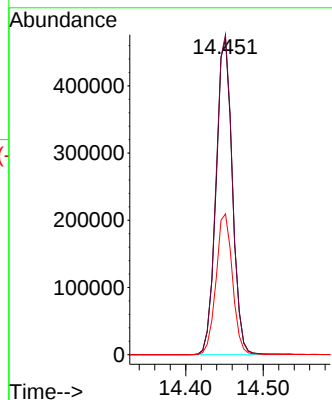
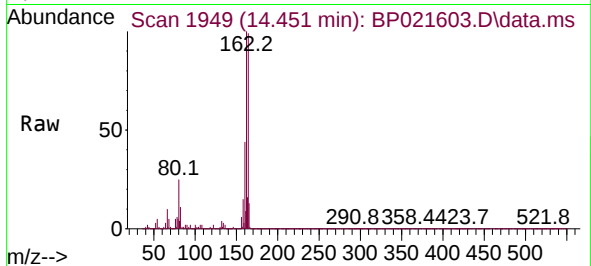




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021603.D
Acq: 21 Aug 2024 18:51

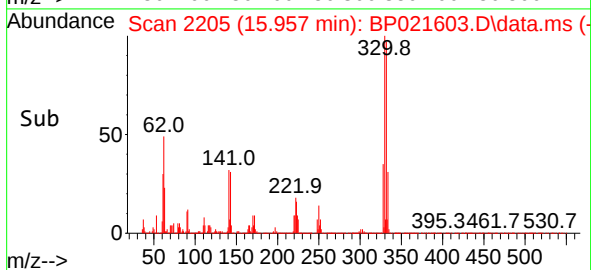
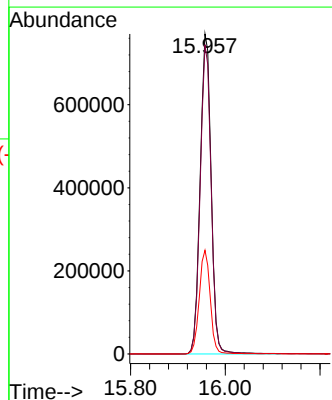
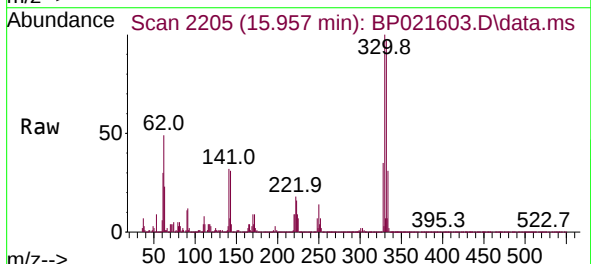
Instrument :
BNA_P
ClientSampleId :
VCPS-B2-081424-6W

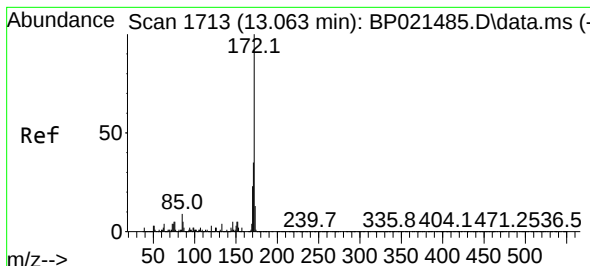
Tgt Ion:164 Resp: 684745
Ion Ratio Lower Upper
164 100
162 101.3 81.5 122.3
160 44.6 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 162.896 ng
RT: 15.957 min Scan# 2205
Delta R.T. -0.012 min
Lab File: BP021603.D
Acq: 21 Aug 2024 18:51

Tgt Ion:330 Resp: 1241419
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 32.3 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 74.030 ng

RT: 13.057 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP021603.D

Acq: 21 Aug 2024 18:51

Instrument :

BNA_P

ClientSampleId :

VCPS-B2-081424-6W

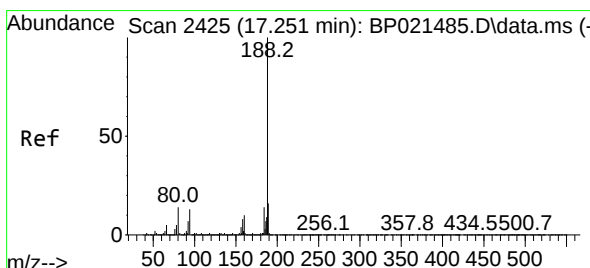
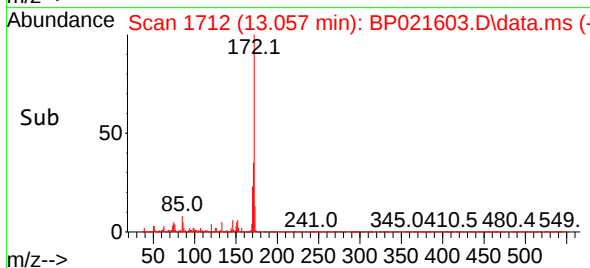
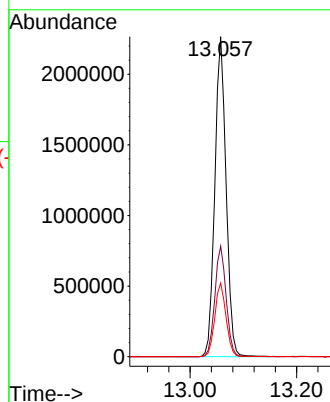
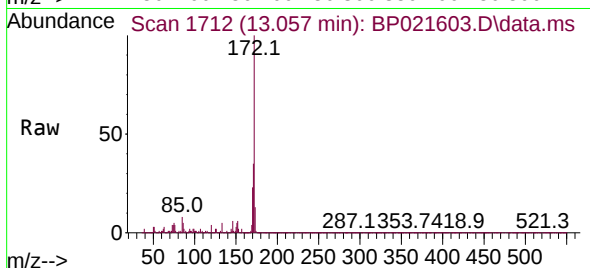
Tgt Ion:172 Resp: 3321544

Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.4

170 23.0 18.4 27.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BP021603.D

Acq: 21 Aug 2024 18:51

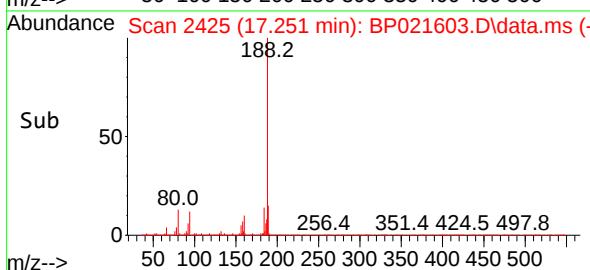
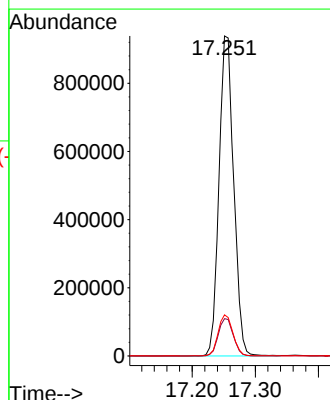
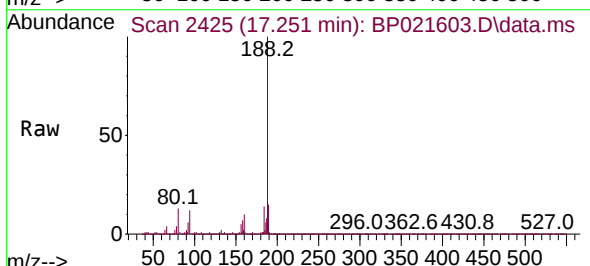
Tgt Ion:188 Resp: 1518800

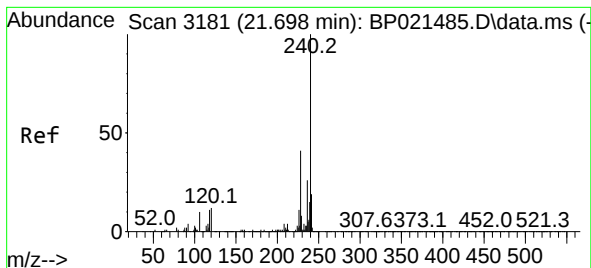
Ion Ratio Lower Upper

188 100

94 11.7 10.2 15.4

80 12.9 11.6 17.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.727 min Scan# 31

Delta R.T. 0.029 min

Lab File: BP021603.D

Acq: 21 Aug 2024 18:51

Instrument :

BNA_P

ClientSampleId :

VCPS-B2-081424-6W

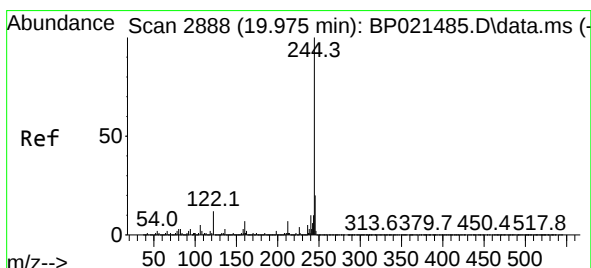
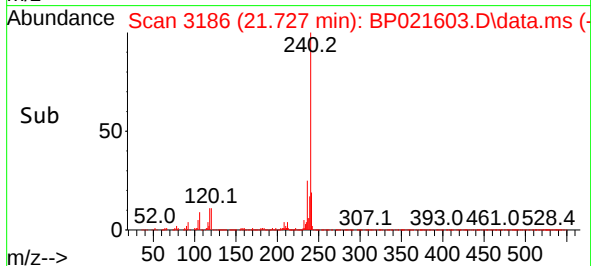
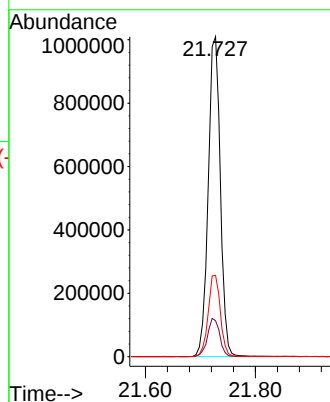
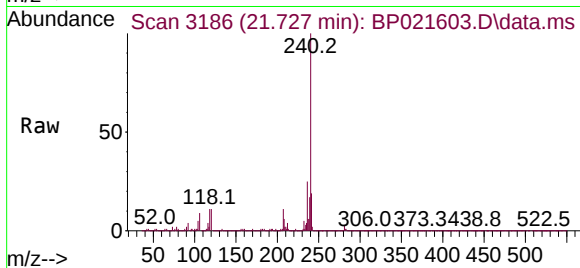
Tgt Ion:240 Resp: 1538942

Ion Ratio Lower Upper

240 100

120 11.3 9.9 14.9

236 25.4 20.6 30.8



#79

Terphenyl-d14

Concen: 90.028 ng

RT: 19.986 min Scan# 2890

Delta R.T. 0.011 min

Lab File: BP021603.D

Acq: 21 Aug 2024 18:51

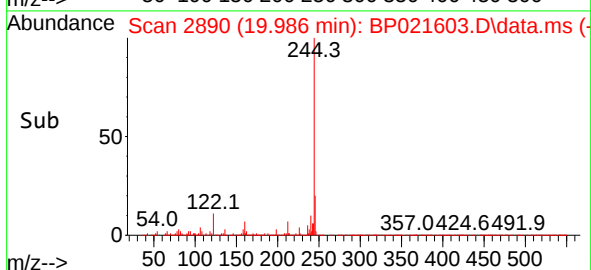
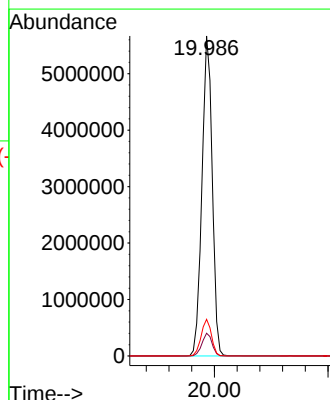
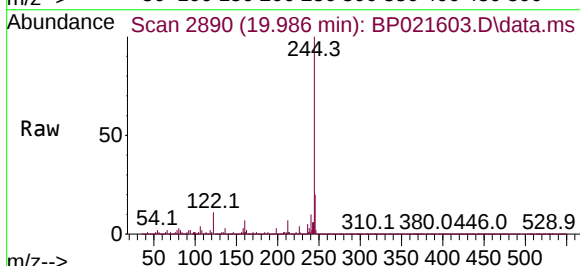
Tgt Ion:244 Resp: 7131585

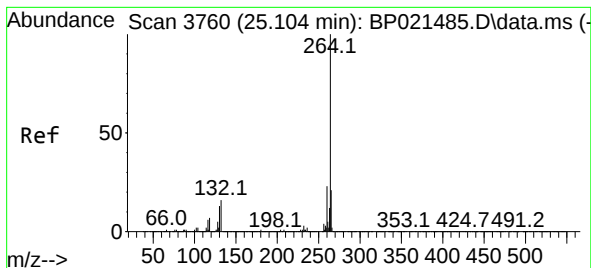
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.4 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.162 min Scan# 31

Delta R.T. 0.059 min

Lab File: BP021603.D

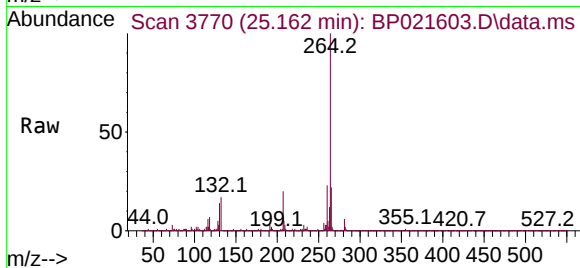
Acq: 21 Aug 2024 18:51

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VCPS-B2-081424-6W



Tgt Ion:264 Resp: 1796450

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.7 17.1 25.7

