

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120424\
 Data File : BP023338.D
 Acq On : 04 Dec 2024 19:40
 Operator : RC/JU
 Sample : PB165356BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB165356BL

Quant Time: Dec 05 02:35:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP120424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 01:54:03 2024
 Response via : Initial Calibration

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

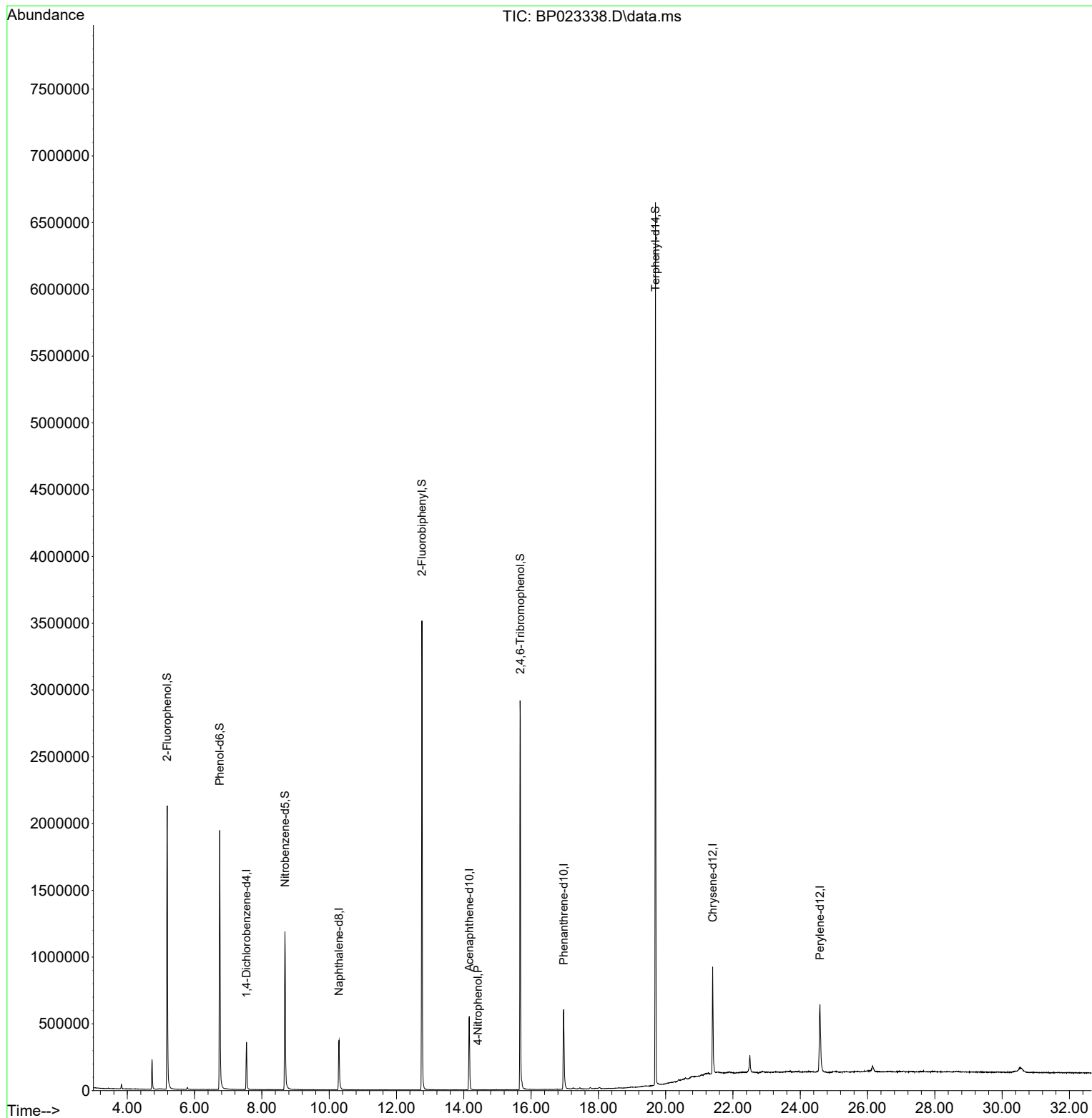
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	99180	20.000	ng	0.00
21) Naphthalene-d8	10.293	136	345186	20.000	ng	0.01
39) Acenaphthene-d10	14.163	164	244539	20.000	ng	0.00
64) Phenanthrene-d10	16.969	188	528290	20.000	ng	0.00
76) Chrysene-d12	21.398	240	508553	20.000	ng	-0.01
86) Perylene-d12	24.586	264	591299	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	858881	167.012	ng	0.00
7) Phenol-d6	6.746	99	1097871	150.290	ng	0.00
23) Nitrobenzene-d5	8.687	82	797485	102.472	ng	0.00
42) 2,4,6-Tribromophenol	15.681	330	562098	133.738	ng	-0.01
45) 2-Fluorobiphenyl	12.757	172	1796930	104.800	ng	0.00
79) Terphenyl-d14	19.698	244	3057646	110.799	ng	-0.01
Target Compounds						
56) 4-Nitrophenol	14.416	139	19	5.650	ng	Qvalue # 21

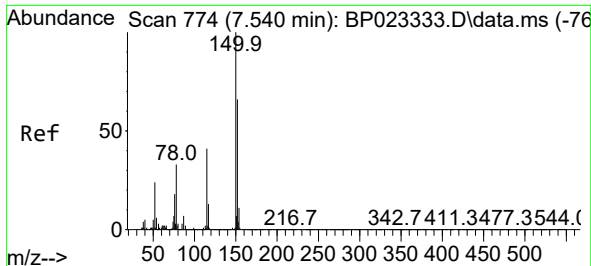
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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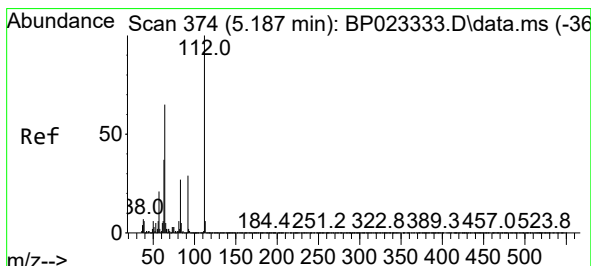
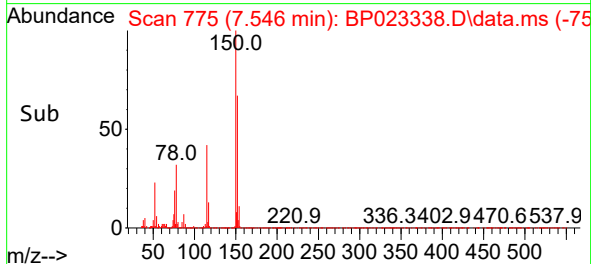
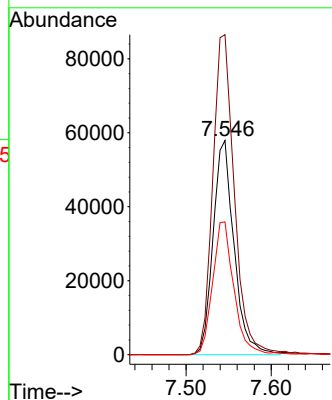
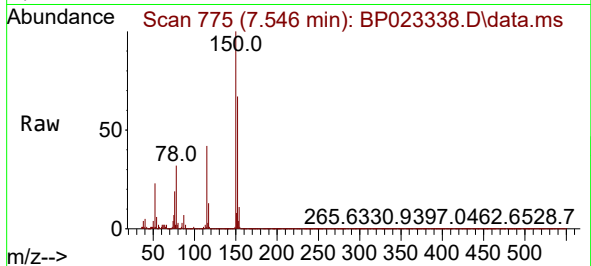




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.546 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP023338.D
Acq: 04 Dec 2024 19:40

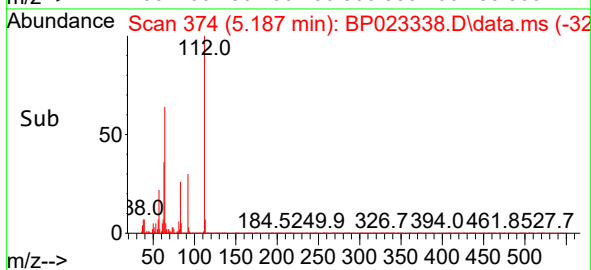
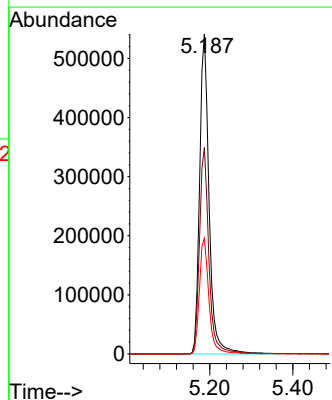
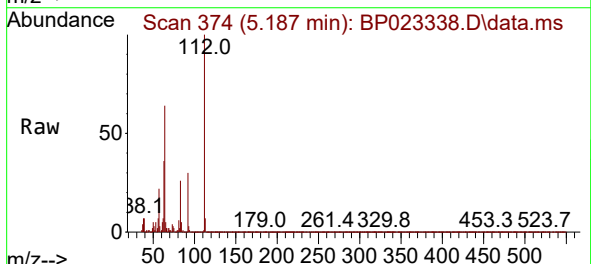
Instrument :
BNA_P
ClientSampleId :
PB165356BL

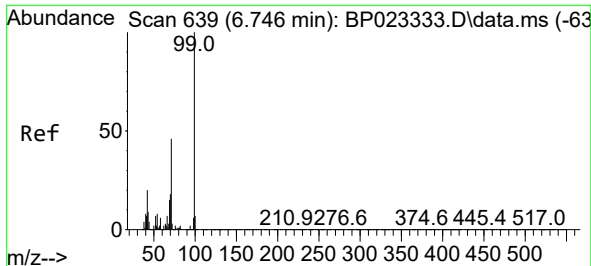
Tgt Ion:152 Resp: 99180
Ion Ratio Lower Upper
152 100
150 149.4 121.6 182.4
115 62.0 50.0 75.0



#5
2-Fluorophenol
Concen: 167.012 ng
RT: 5.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP023338.D
Acq: 04 Dec 2024 19:40

Tgt Ion:112 Resp: 858881
Ion Ratio Lower Upper
112 100
64 64.5 51.8 77.6
63 36.1 29.4 44.2

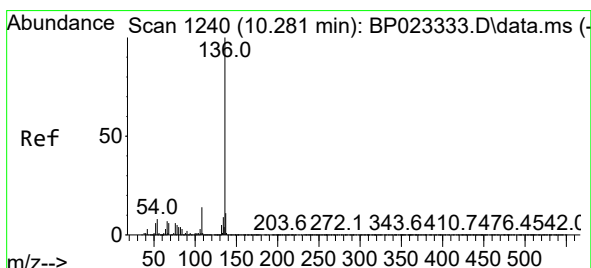
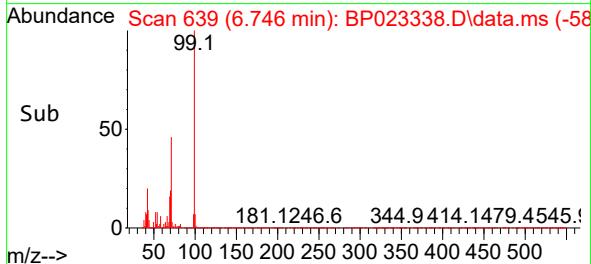
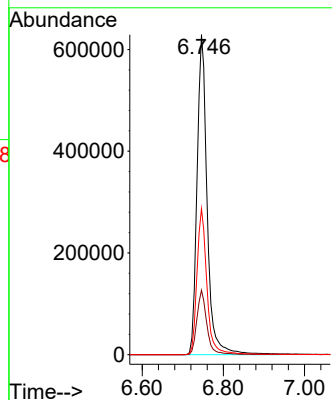
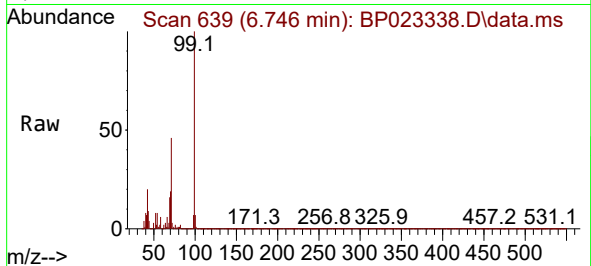




#7
Phenol-d6
Concen: 150.290 ng
RT: 6.746 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP023338.D
Acq: 04 Dec 2024 19:40

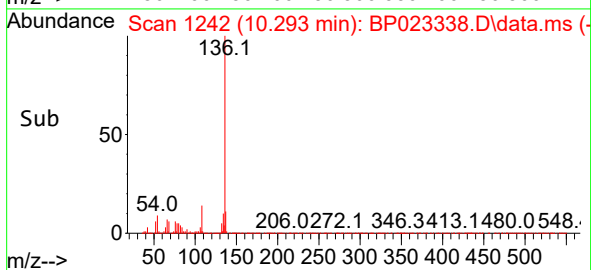
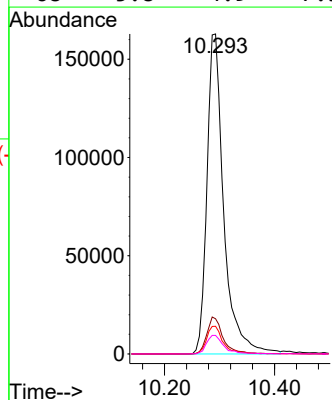
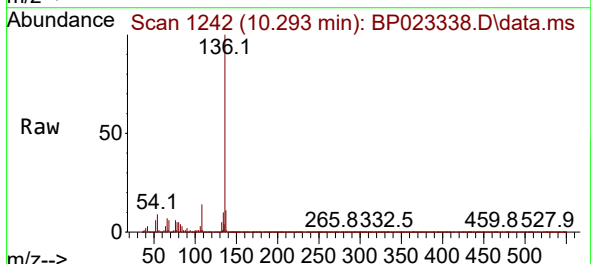
Instrument :
BNA_P
ClientSampleId :
PB165356BL

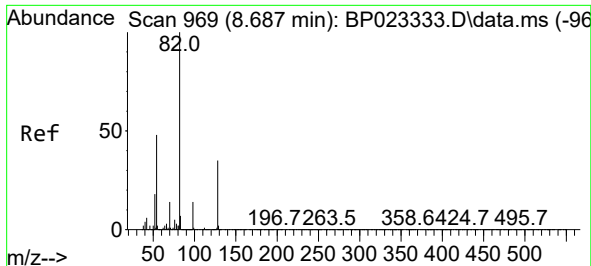
Tgt Ion: 99 Resp: 1097871
Ion Ratio Lower Upper
99 100
42 20.1 16.0 24.0
71 45.7 36.6 55.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.293 min Scan# 1242
Delta R.T. 0.012 min
Lab File: BP023338.D
Acq: 04 Dec 2024 19:40

Tgt Ion: 136 Resp: 345186
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.6 6.5 9.7
68 5.8 4.9 7.3

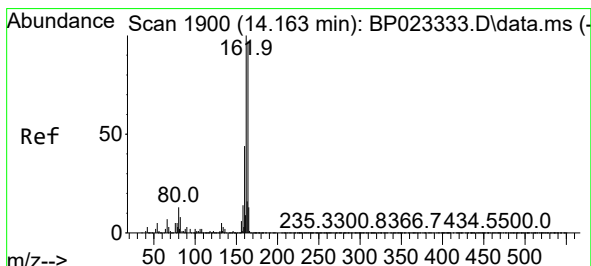
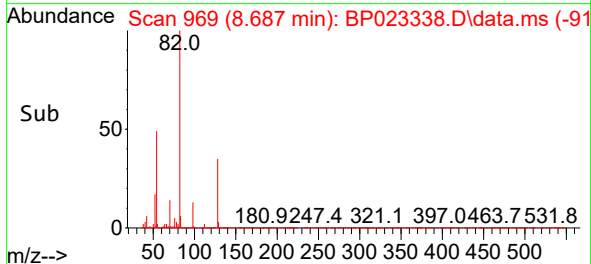
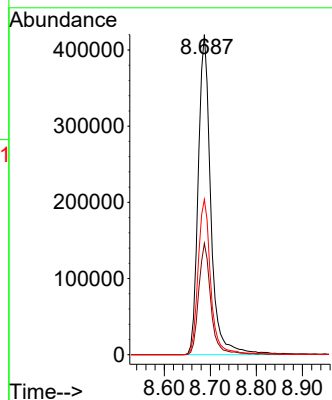
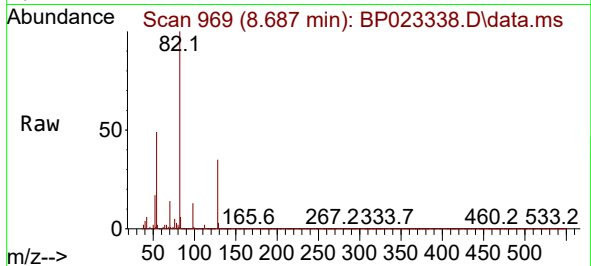




#23
Nitrobenzene-d5
Concen: 102.472 ng
RT: 8.687 min Scan# 969
Delta R.T. -0.000 min
Lab File: BP023338.D
Acq: 04 Dec 2024 19:40

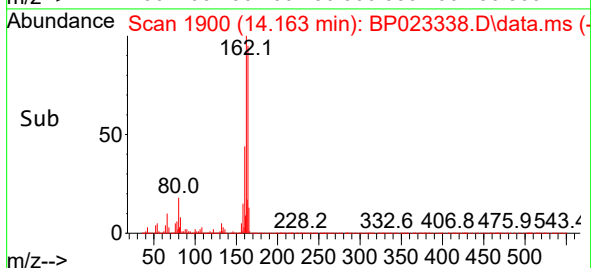
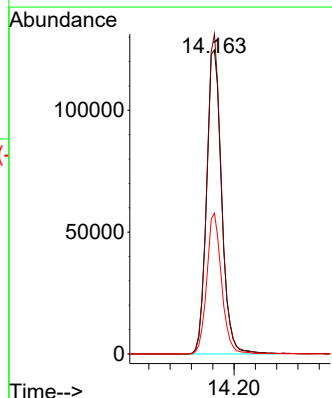
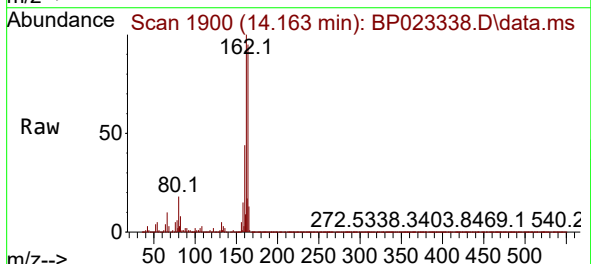
Instrument :
BNA_P
ClientSampleId :
PB165356BL

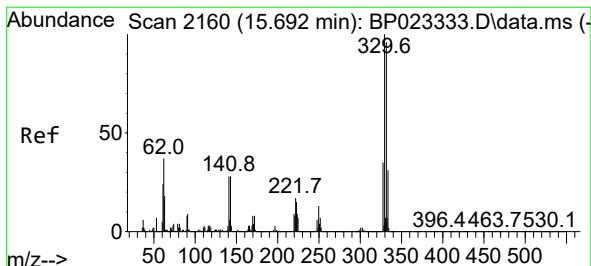
Tgt Ion: 82 Resp: 797485
Ion Ratio Lower Upper
82 100
128 34.8 28.0 42.0
54 48.5 38.6 57.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.163 min Scan# 1900
Delta R.T. -0.000 min
Lab File: BP023338.D
Acq: 04 Dec 2024 19:40

Tgt Ion:164 Resp: 244539
Ion Ratio Lower Upper
164 100
162 105.3 82.4 123.6
160 46.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 133.738 ng

RT: 15.681 min Scan# 2160

Delta R.T. -0.012 min

Lab File: BP023338.D

Acq: 04 Dec 2024 19:40

Instrument :

BNA_P

ClientSampleId :

PB165356BL

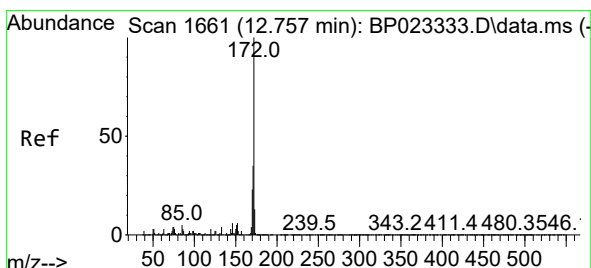
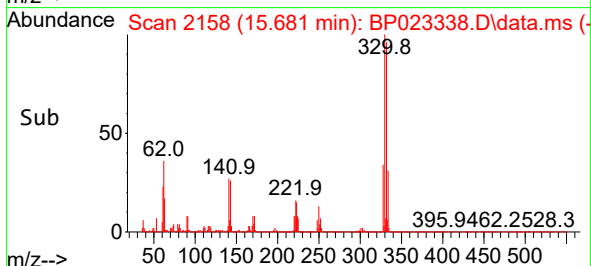
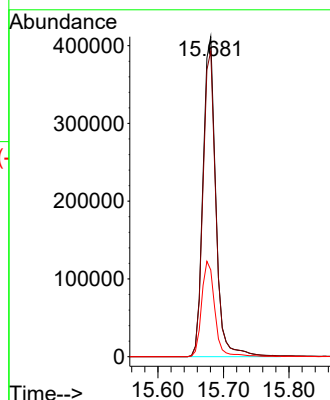
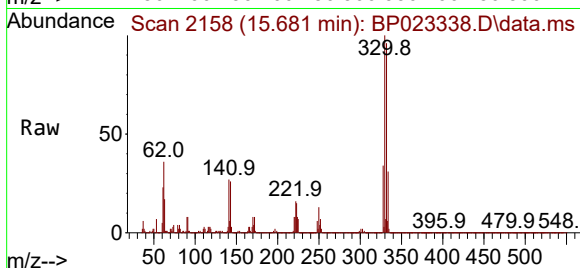
Tgt Ion:330 Resp: 562098

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 30.6 21.3 31.9



#45

2-Fluorobiphenyl

Concen: 104.800 ng

RT: 12.757 min Scan# 1661

Delta R.T. -0.000 min

Lab File: BP023338.D

Acq: 04 Dec 2024 19:40

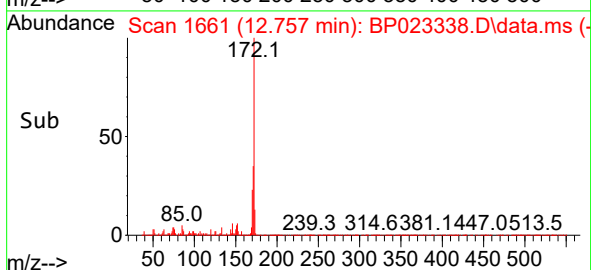
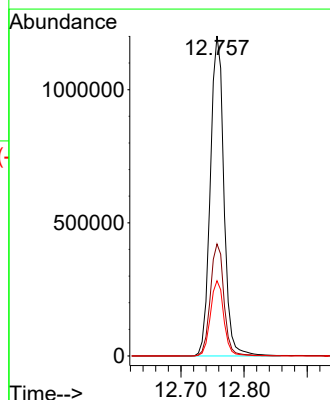
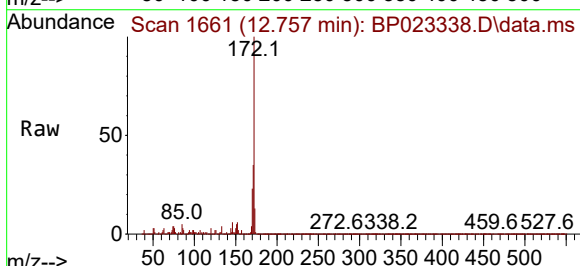
Tgt Ion:172 Resp: 1796930

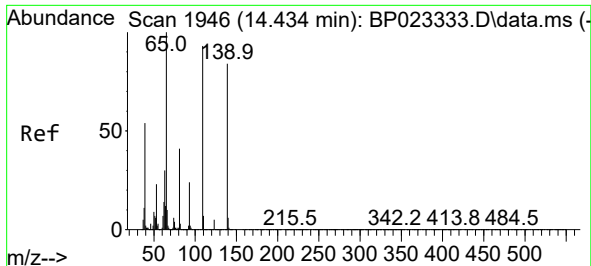
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.5 18.8 28.2

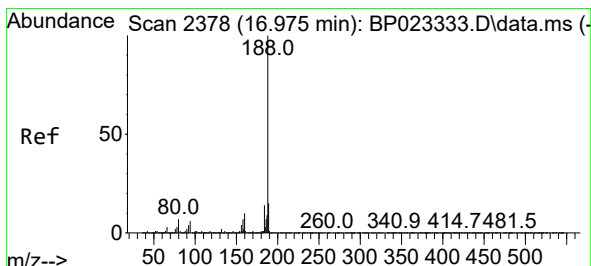
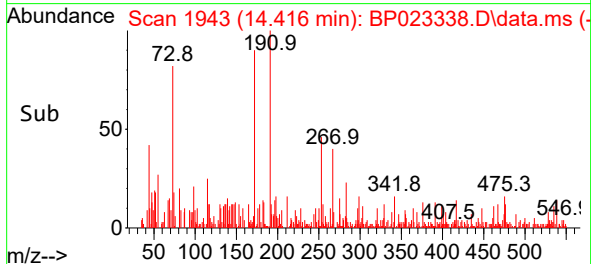
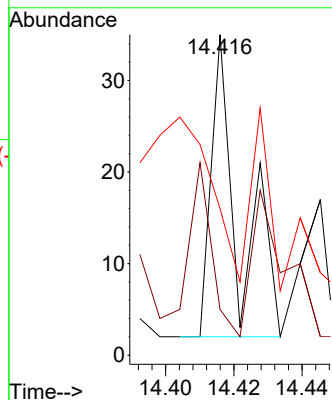
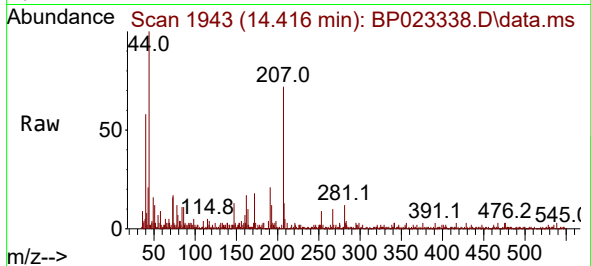




#56
4-Nitrophenol
Concen: 5.650 ng
RT: 14.416 min Scan# 1946
Delta R.T. -0.018 min
Lab File: BP023338.D
Acq: 04 Dec 2024 19:40

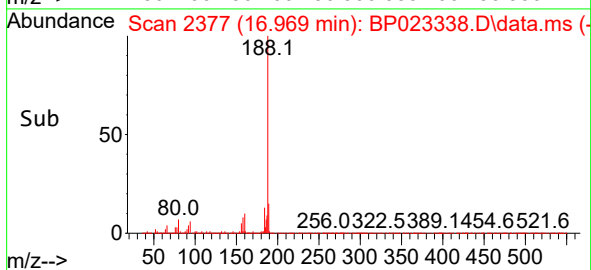
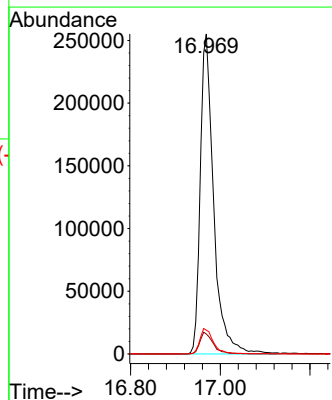
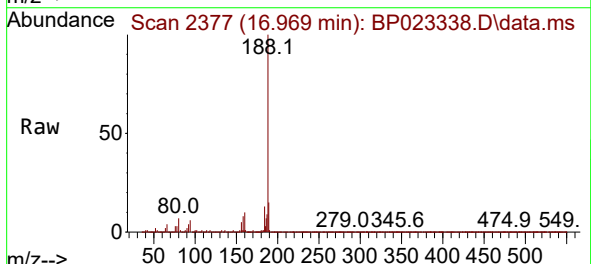
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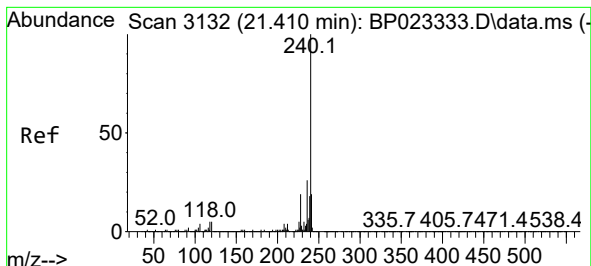
Tgt Ion:139 Resp: 19
Ion Ratio Lower Upper
139 100
109 14.3 91.4 131.4#
65 45.7 100.2 140.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.969 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP023338.D
Acq: 04 Dec 2024 19:40

Tgt Ion:188 Resp: 528290
Ion Ratio Lower Upper
188 100
94 6.2 4.6 7.0
80 7.5 5.4 8.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP023338.D

Acq: 04 Dec 2024 19:40

Instrument :

BNA_P

ClientSampleId :

PB165356BL

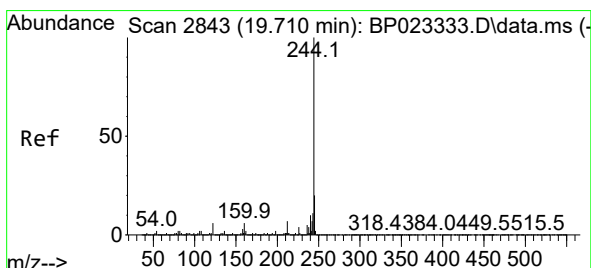
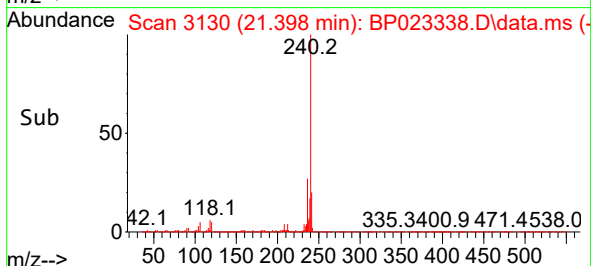
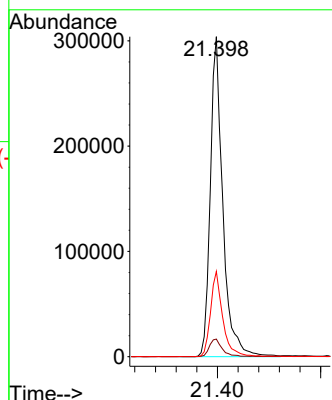
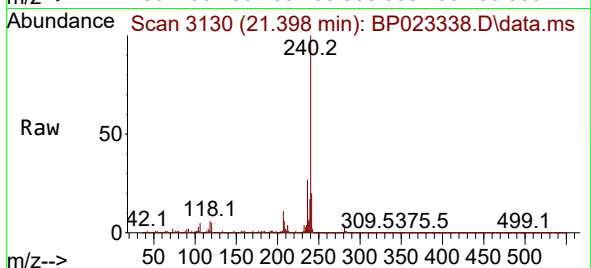
Tgt Ion:240 Resp: 508553

Ion Ratio Lower Upper

240 100

120 5.5 4.2 6.4

236 26.6 20.8 31.2



#79

Terphenyl-d14

Concen: 110.799 ng

RT: 19.698 min Scan# 2841

Delta R.T. -0.012 min

Lab File: BP023338.D

Acq: 04 Dec 2024 19:40

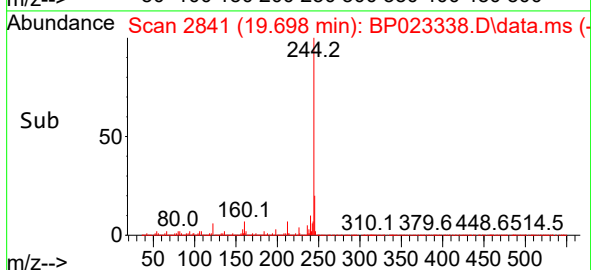
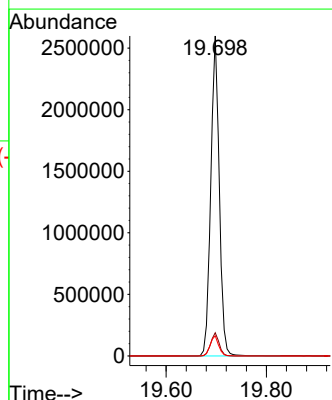
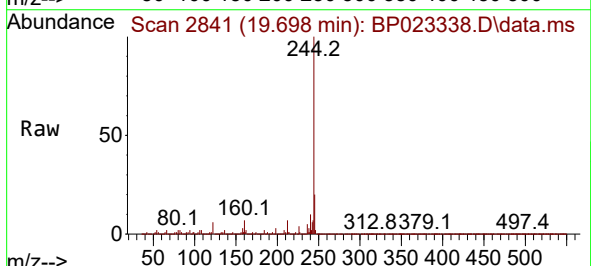
Tgt Ion:244 Resp: 3057646

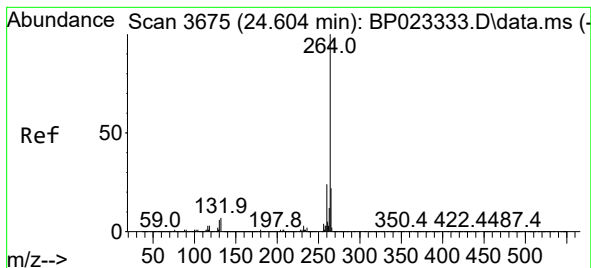
Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 6.3 4.4 6.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.586 min Scan# 30

Delta R.T. -0.018 min

Lab File: BP023338.D

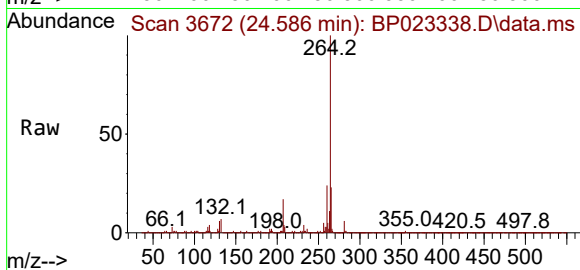
Acq: 04 Dec 2024 19:40

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:264 Resp: 591299

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 22.6 17.4 26.2

