

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
 Data File : BP024233.D
 Acq On : 09 Apr 2025 13:37
 Operator : RC/JU
 Sample : Q1737-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT3069

Quant Time: Apr 09 14:03:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	275079	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1080289	20.000	ng	-0.04
39) Acenaphthene-d10	14.375	164	658291	20.000	ng	-0.03
64) Phenanthrene-d10	17.192	188	1328399	20.000	ng	-0.01
76) Chrysene-d12	21.633	240	1400421	20.000	ng	-0.02
86) Perylene-d12	25.004	264	1555170	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2407397	139.701	ng	-0.02
7) Phenol-d6	6.922	99	2770654	120.232	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1932536	100.932	ng	-0.04
42) 2,4,6-Tribromophenol	15.904	330	1355013	163.412	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	4133285	92.583	ng	-0.03
79) Terphenyl-d14	19.927	244	6731845	99.228	ng	0.00

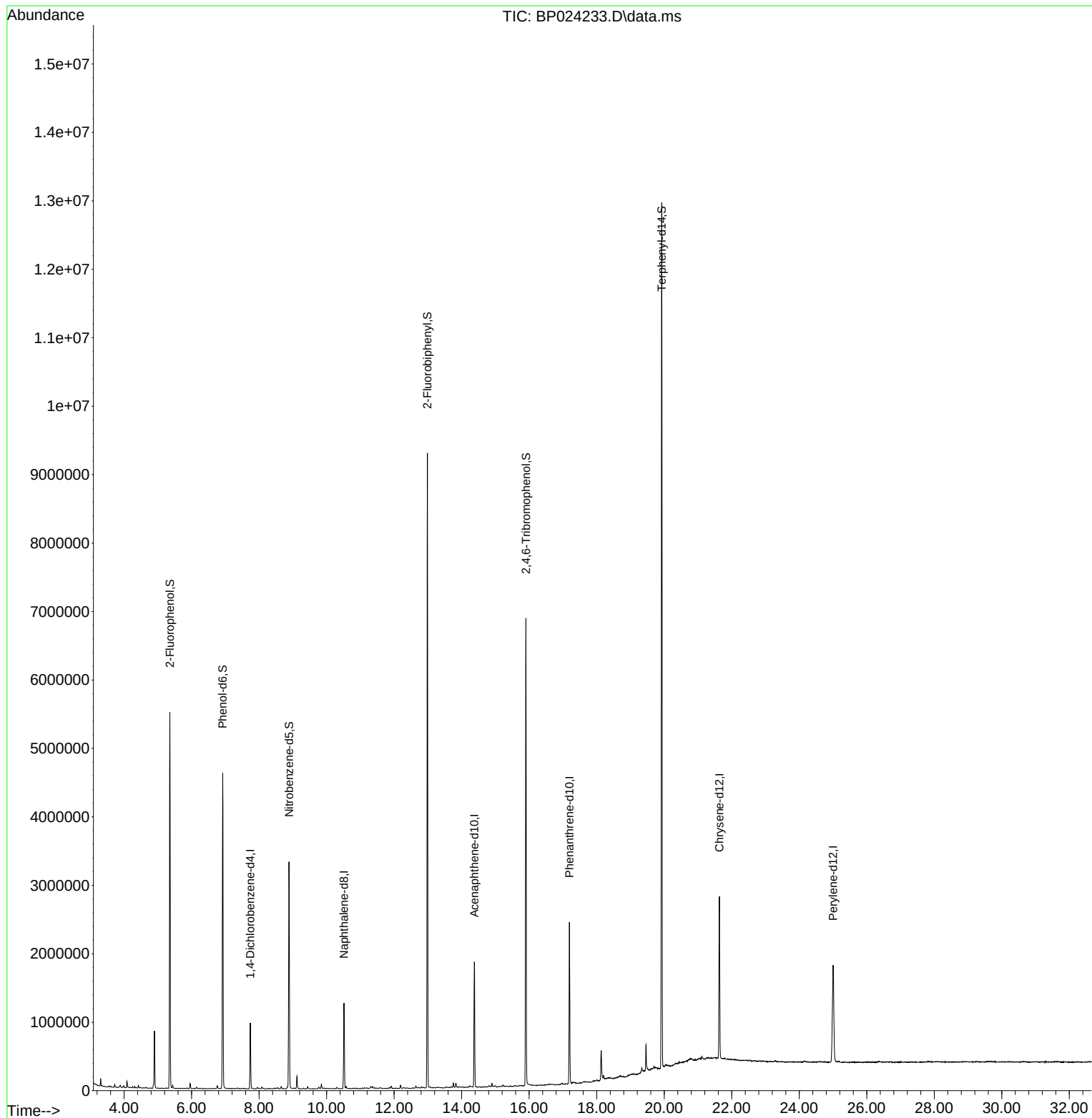
Target Compounds	Qvalue

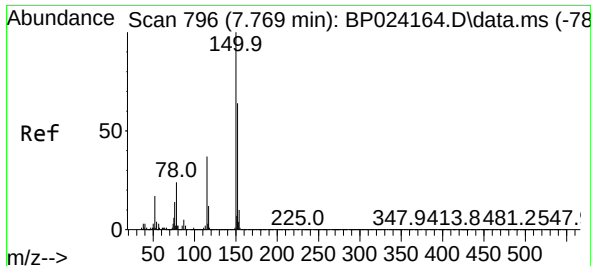
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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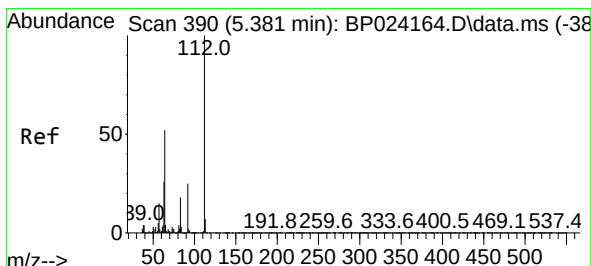
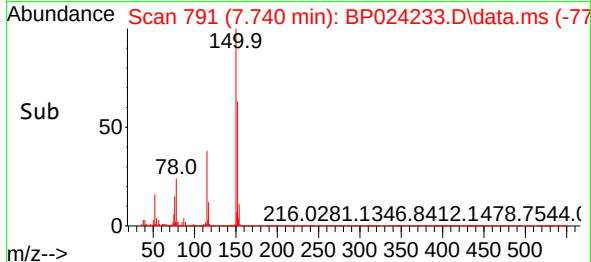
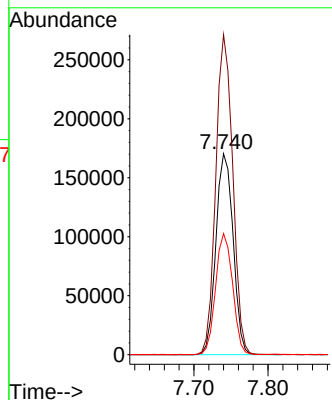
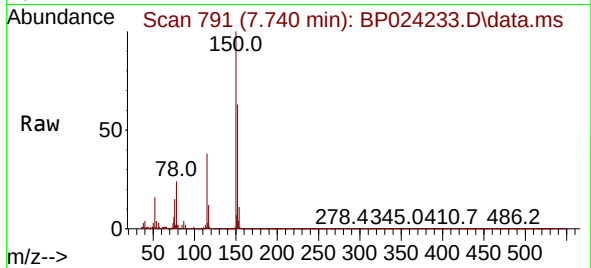




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.029 min
Lab File: BP024233.D
Acq: 09 Apr 2025 13:37

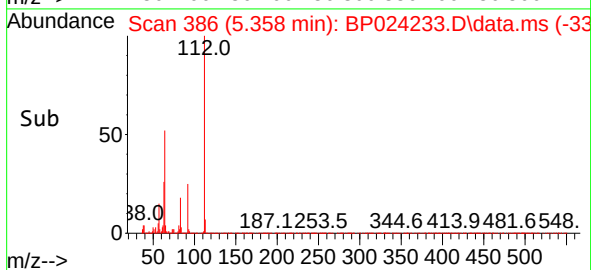
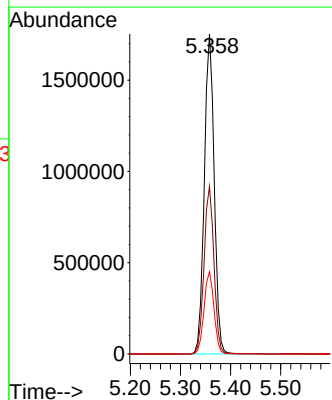
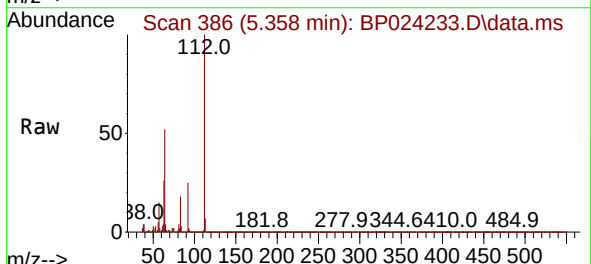
Instrument :
BNA_P
ClientSampleId :
RT3069

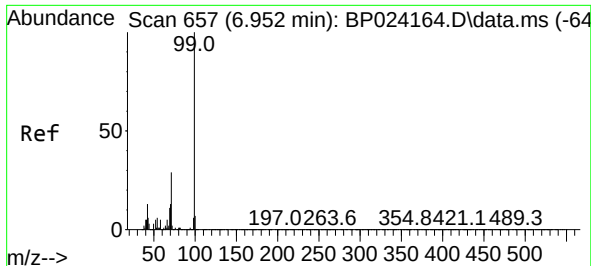
Tgt Ion:152 Resp: 275079
Ion Ratio Lower Upper
152 100
150 159.2 125.5 188.3
115 60.2 46.3 69.5



#5
2-Fluorophenol
Concen: 139.701 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024233.D
Acq: 09 Apr 2025 13:37

Tgt Ion:112 Resp: 2407397
Ion Ratio Lower Upper
112 100
64 52.4 41.3 61.9
63 25.7 20.6 31.0





#7

Phenol-d6

Concen: 120.232 ng

RT: 6.922 min Scan# 61

Delta R.T. -0.029 min

Lab File: BP024233.D

Acq: 09 Apr 2025 13:37

Instrument :

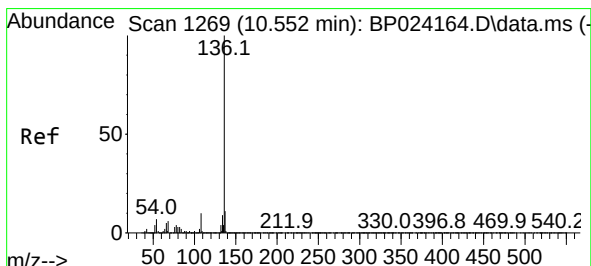
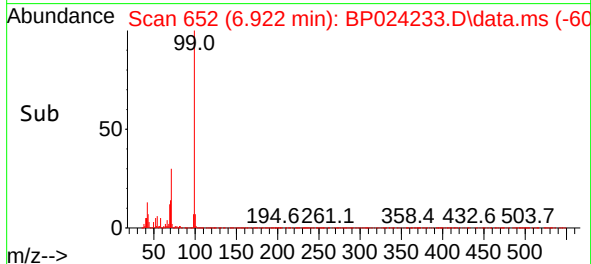
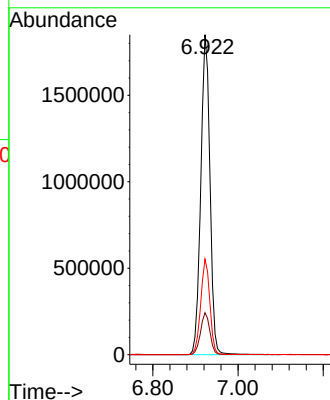
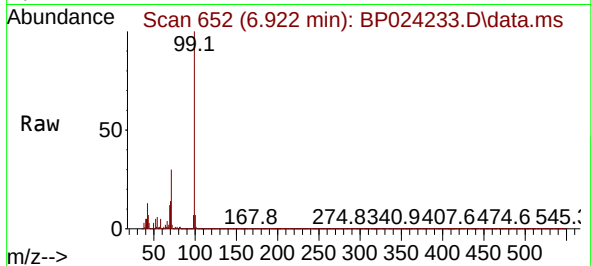
BNA_P

ClientSampleId :

RT3069

Tgt Ion: 99 Resp: 2770654

Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.6	16.0
71	29.8	23.3	34.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.516 min Scan# 1263

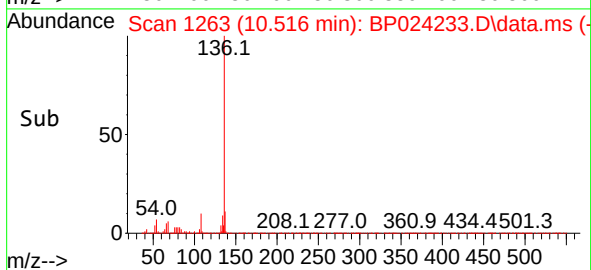
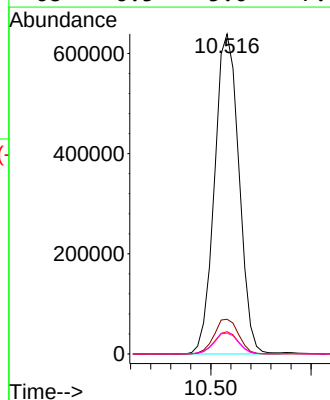
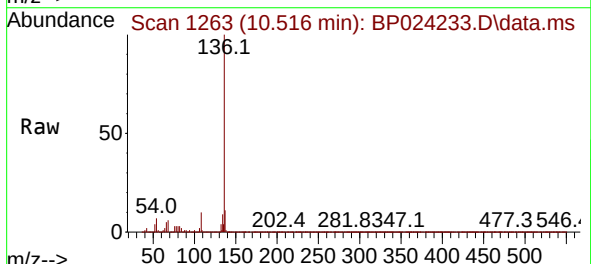
Delta R.T. -0.035 min

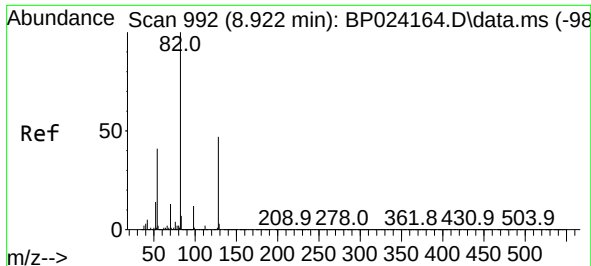
Lab File: BP024233.D

Acq: 09 Apr 2025 13:37

Tgt Ion:136 Resp: 1080289

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.9	5.3	7.9
68	6.5	5.0	7.4

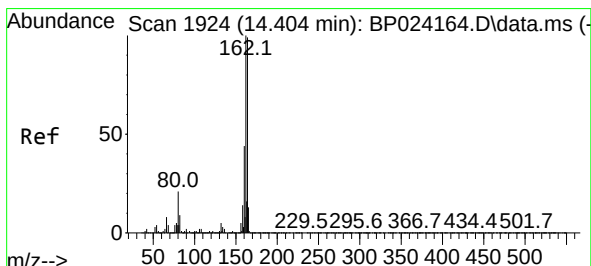
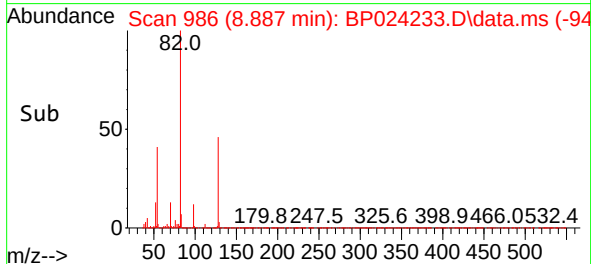
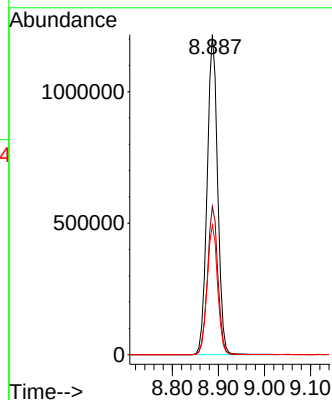
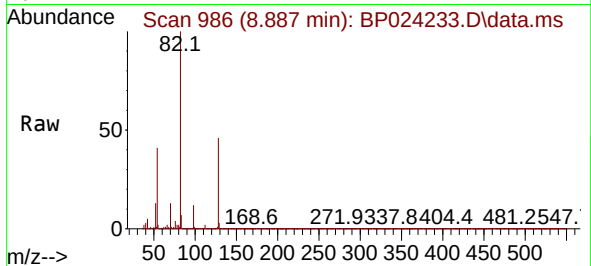




#23
Nitrobenzene-d5
Concen: 100.932 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP024233.D
Acq: 09 Apr 2025 13:37

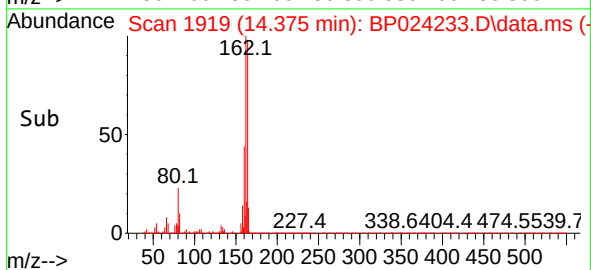
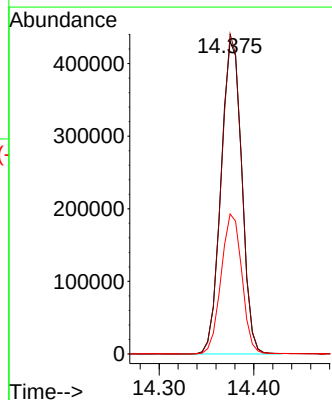
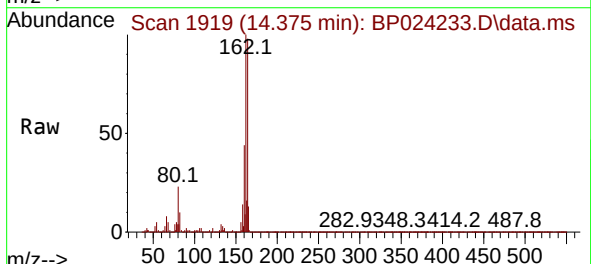
Instrument :
BNA_P
ClientSampleId :
RT3069

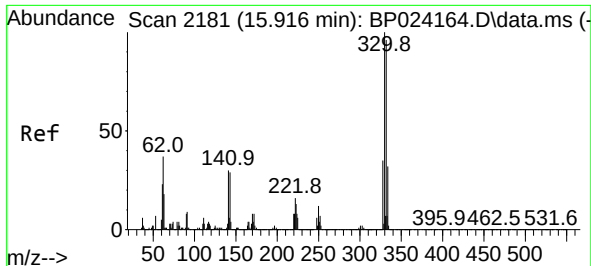
Tgt Ion: 82 Resp: 1932536
Ion Ratio Lower Upper
82 100
128 46.3 37.4 56.0
54 40.5 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.029 min
Lab File: BP024233.D
Acq: 09 Apr 2025 13:37

Tgt Ion:164 Resp: 658291
Ion Ratio Lower Upper
164 100
162 102.2 80.6 121.0
160 44.7 35.4 53.2

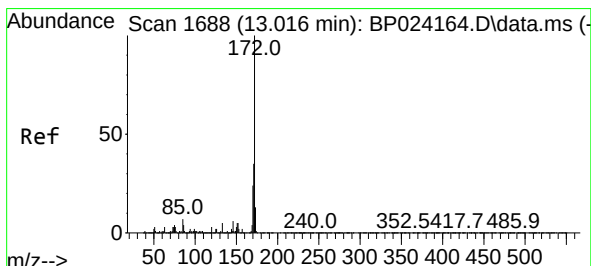
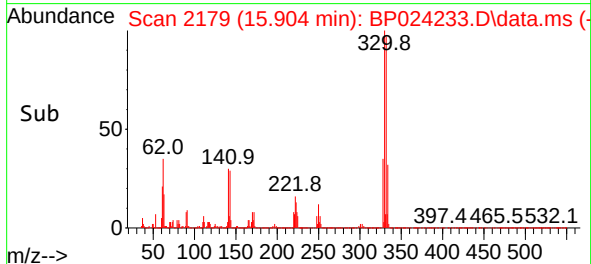
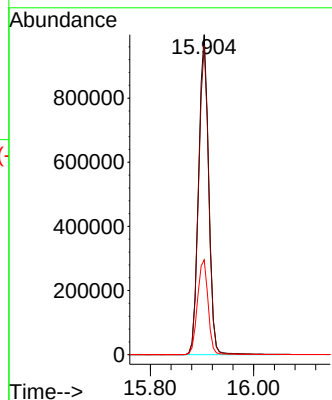
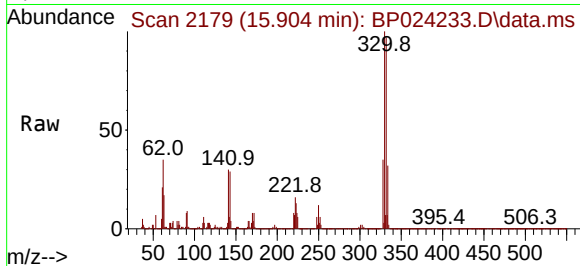




#42
2,4,6-Tribromophenol
Concen: 163.412 ng
RT: 15.904 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP024233.D
Acq: 09 Apr 2025 13:37

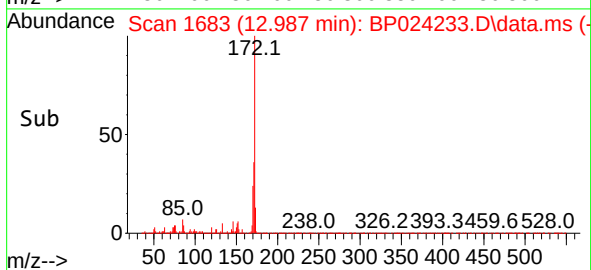
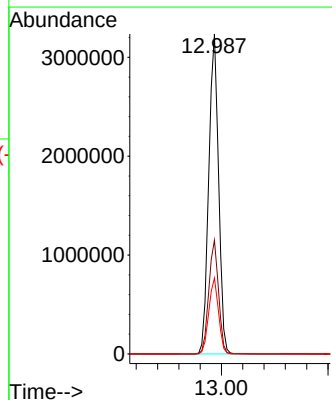
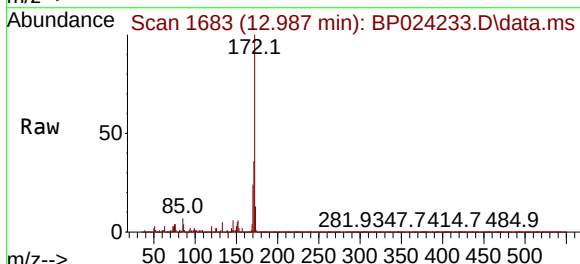
Instrument :
BNA_P
ClientSampleId :
RT3069

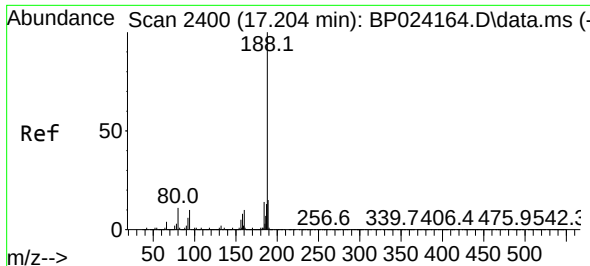
Tgt Ion:330 Resp: 1355013
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 31.0 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 92.583 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.029 min
Lab File: BP024233.D
Acq: 09 Apr 2025 13:37

Tgt Ion:172 Resp: 4133285
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.7 19.0 28.4

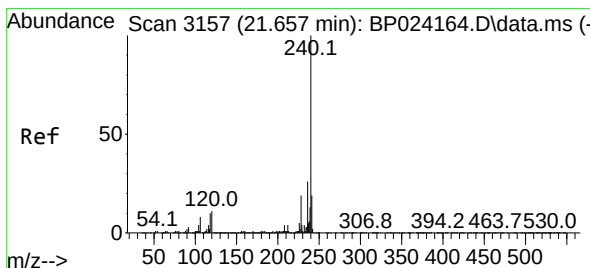
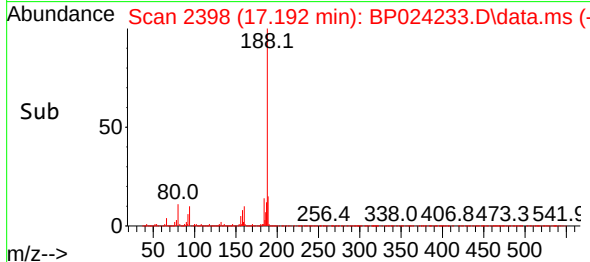
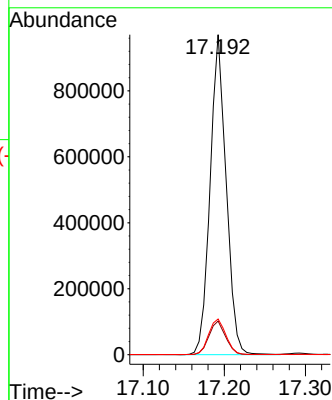
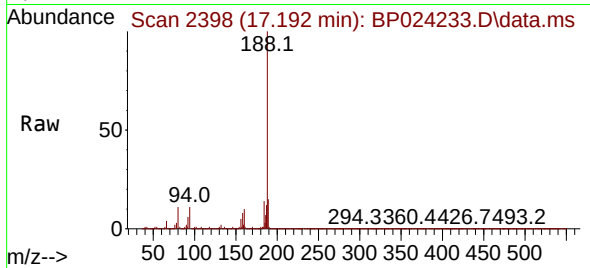




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024233.D
Acq: 09 Apr 2025 13:37

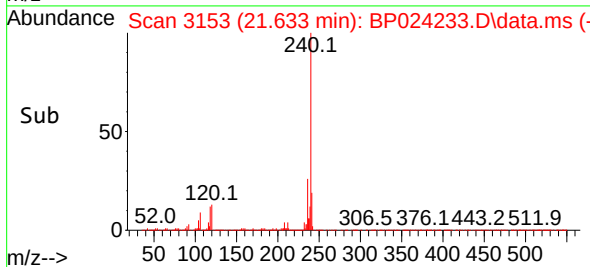
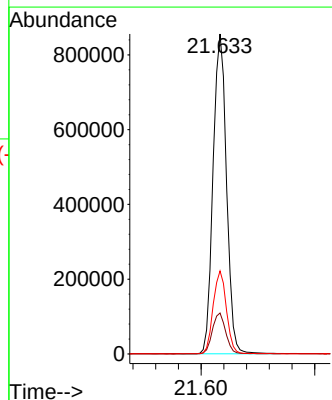
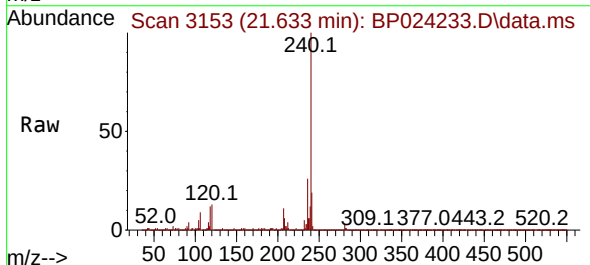
Instrument :
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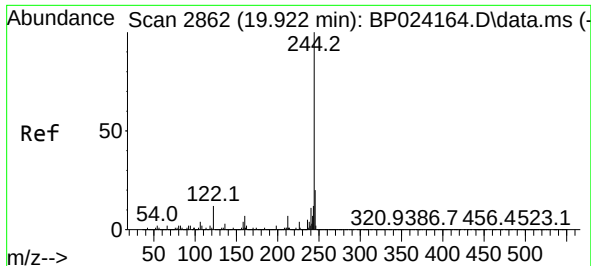
Tgt Ion:188 Resp: 1328399
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 11.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3153
Delta R.T. -0.024 min
Lab File: BP024233.D
Acq: 09 Apr 2025 13:37

Tgt Ion:240 Resp: 1400421
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 26.0 20.4 30.6

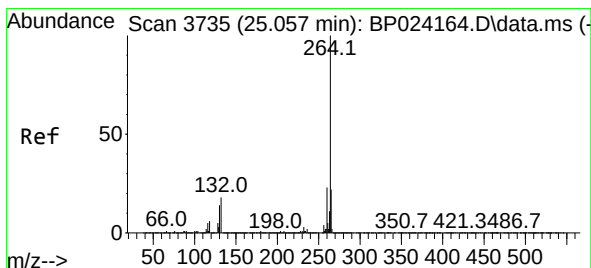
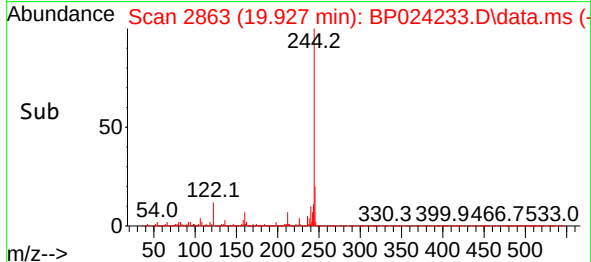
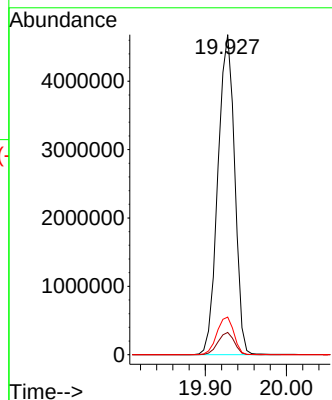
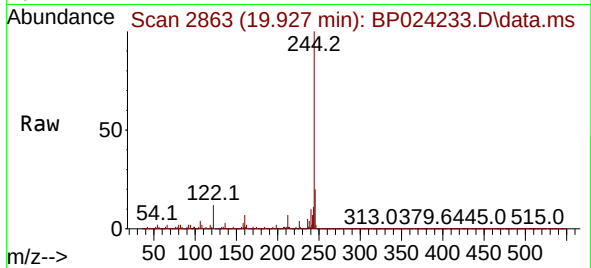




#79
 Terphenyl-d14
 Concen: 99.228 ng
 RT: 19.927 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024233.D
 Acq: 09 Apr 2025 13:37

Instrument :
 BNA_P
 ClientSampleId :
 RT3069

Tgt Ion:244 Resp: 6731845
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.7 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.004 min Scan# 3726
 Delta R.T. -0.053 min
 Lab File: BP024233.D
 Acq: 09 Apr 2025 13:37

Tgt Ion:264 Resp: 1555170
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 22.7 17.7 26.5

