

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024687.D
 Acq On : 19 May 2025 13:28
 Operator : RC/JU
 Sample : PB167963TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167963TB

Quant Time: May 19 14:38:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	181587	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	675085	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	394044	20.000	ng	-0.01
64) Phenanthrene-d10	17.087	188	701432	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	670983	20.000	ng	0.00
86) Perylene-d12	24.816	264	848107	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1378109	129.804	ng	0.00
7) Phenol-d6	6.864	99	1622709	119.757	ng	0.01
23) Nitrobenzene-d5	8.811	82	1007854	75.432	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	811123	121.422	ng	0.00
45) 2-Fluorobiphenyl	12.899	172	2350080	78.136	ng	0.00
79) Terphenyl-d14	19.810	244	3140753	80.262	ng	0.00

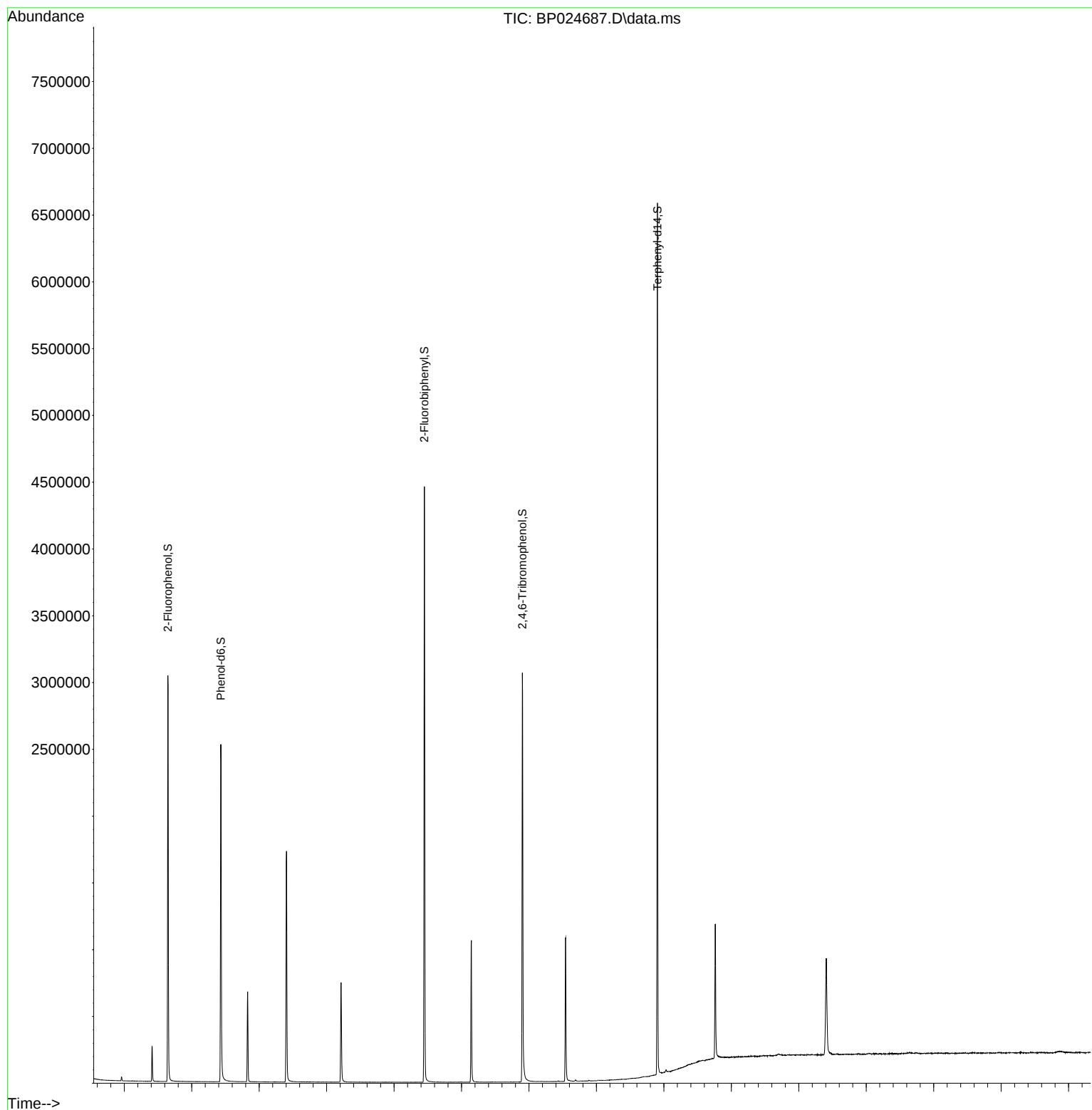
Target Compounds Qvalue

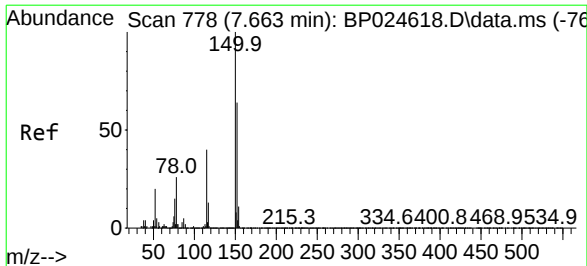
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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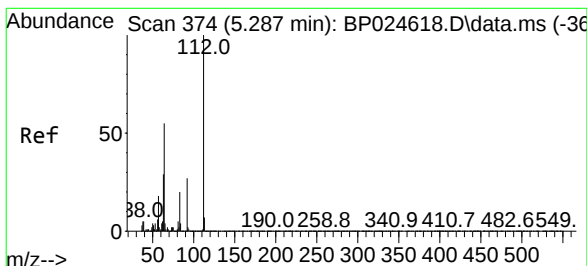
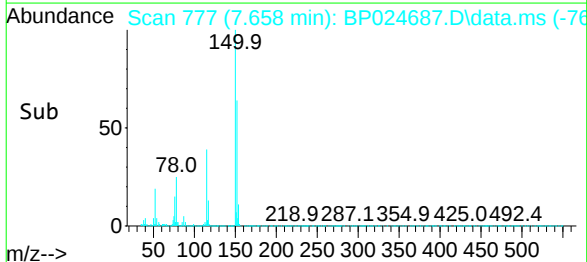
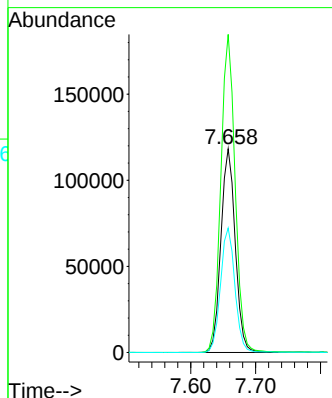
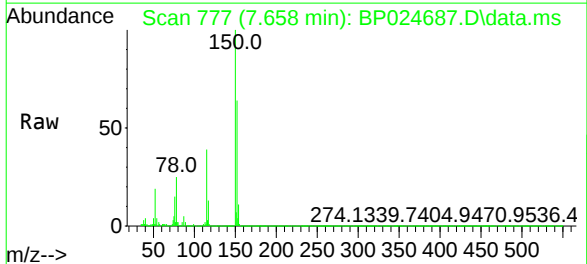




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 77
Delta R.T. -0.005 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

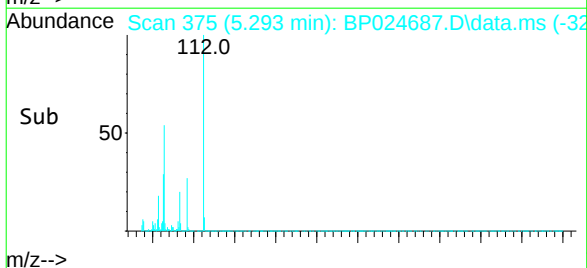
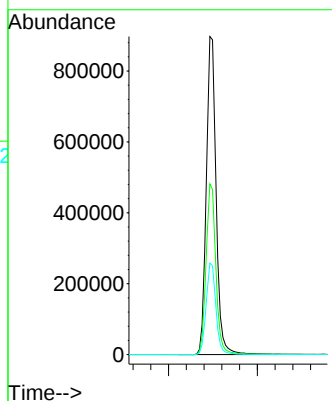
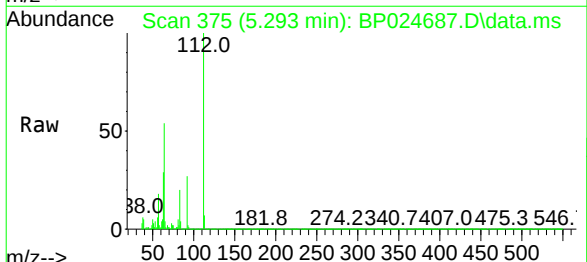
Instrument :
BNA_P
ClientSampleId :
PB167963TB

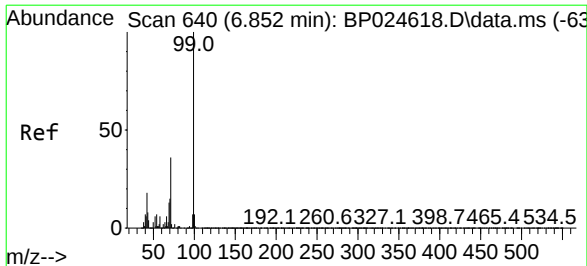
Tgt Ion:152 Resp: 181587
Ion Ratio Lower Upper
152 100
150 156.1 125.9 188.9
115 61.1 50.1 75.1



#5
2-Fluorophenol
Concen: 129.804 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Tgt Ion:112 Resp: 1378109
Ion Ratio Lower Upper
112 100
64 53.7 44.1 66.1
63 28.8 23.5 35.3



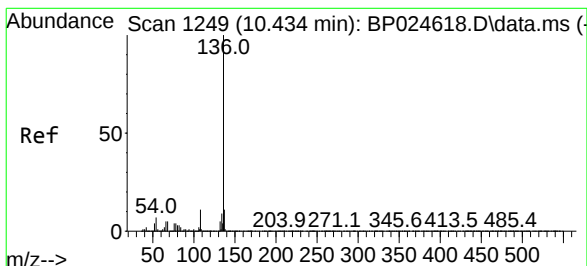
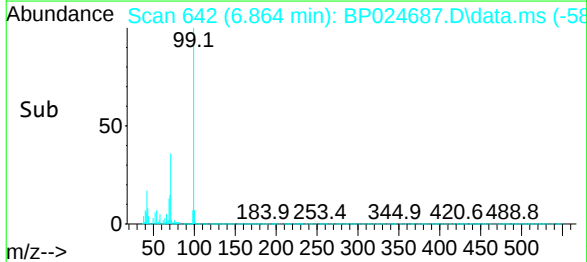
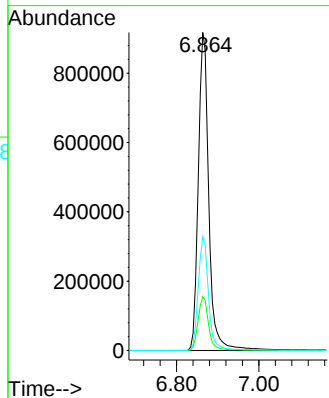
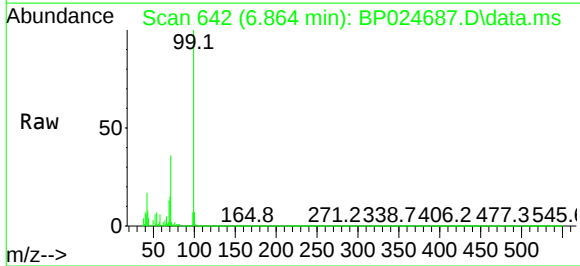


#7
Phenol-d6
Concen: 119.757 ng
RT: 6.864 min Scan# 640
Delta R.T. 0.012 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Instrument :
BNA_P
ClientSampleId :
PB167963TB

Tgt Ion: 99 Resp: 1622709

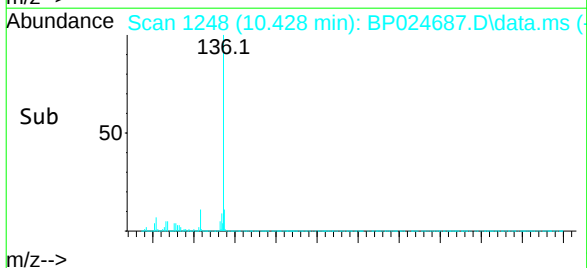
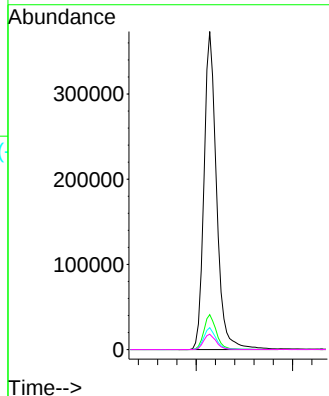
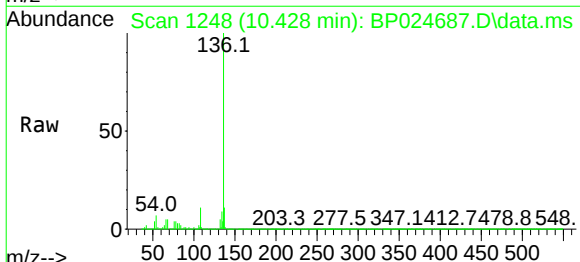
Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.4	21.6
71	35.8	29.2	43.8

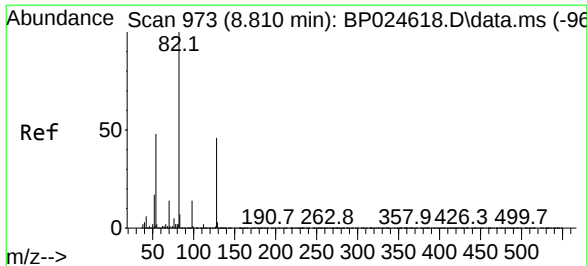


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Tgt Ion: 136 Resp: 675085

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.5	8.3
68	4.8	4.2	6.2

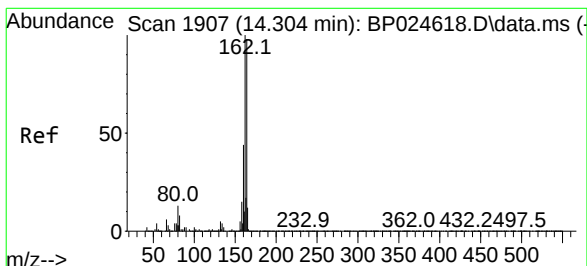
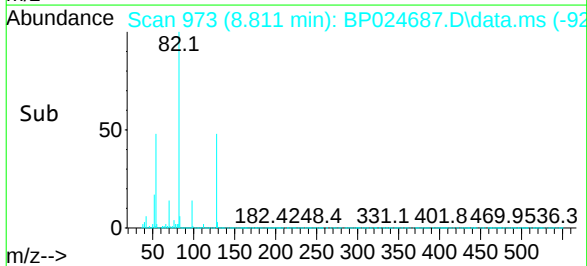
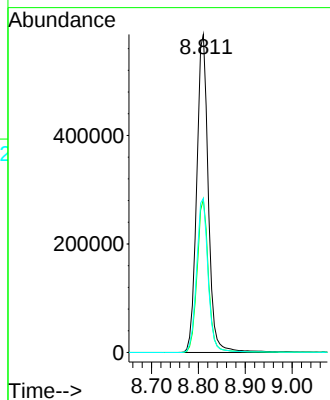
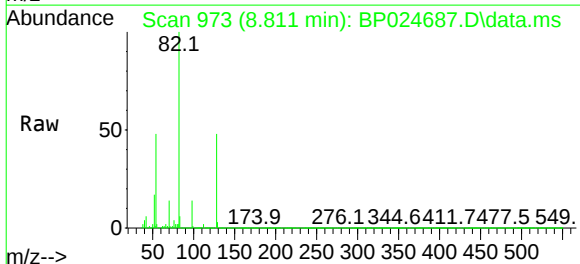




#23
Nitrobenzene-d5
Concen: 75.432 ng
RT: 8.811 min Scan# 97
Delta R.T. 0.000 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

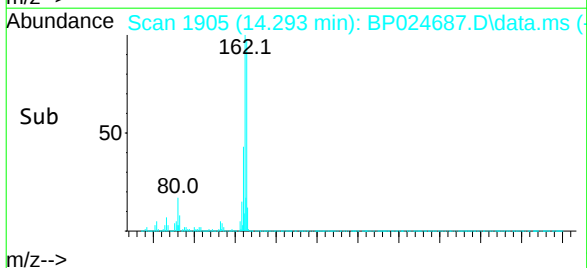
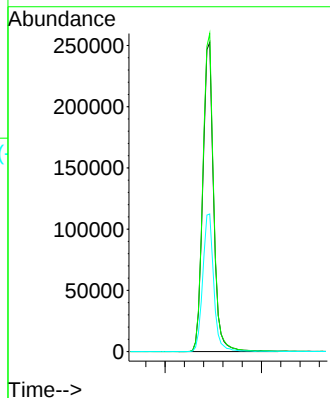
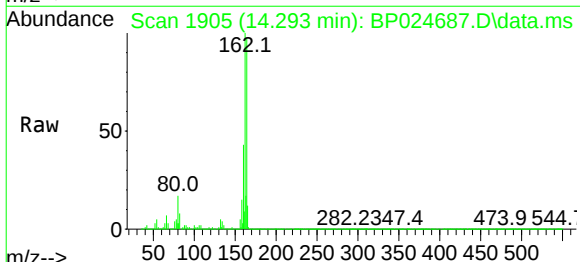
Instrument :
BNA_P
ClientSampleId :
PB167963TB

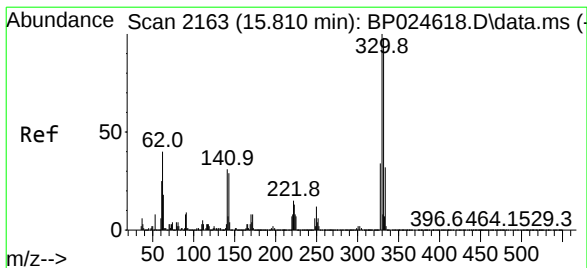
Tgt Ion: 82 Resp: 1007854
Ion Ratio Lower Upper
82 100
128 48.2 37.0 55.4
54 48.5 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Tgt Ion: 164 Resp: 394044
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.6
160 44.5 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 121.422 ng

RT: 15.804 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024687.D

Acq: 19 May 2025 13:28

Instrument :

BNA_P

ClientSampleId :

PB167963TB

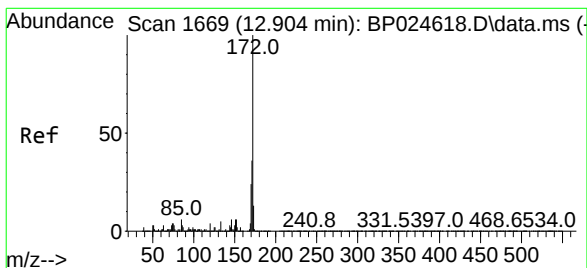
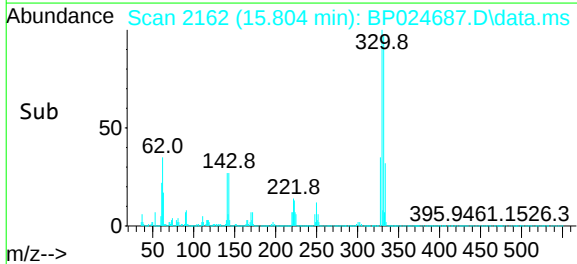
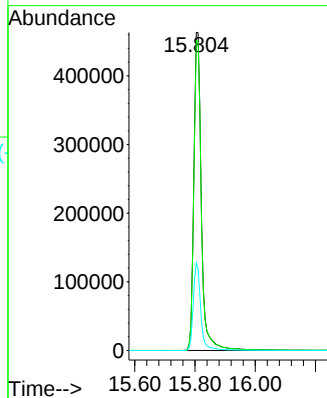
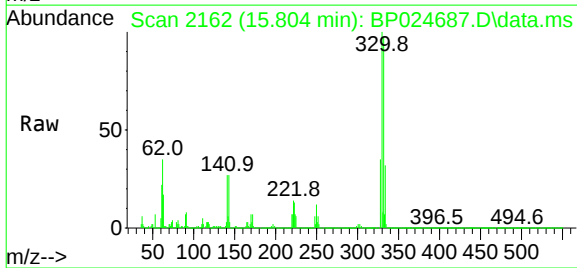
Tgt Ion:330 Resp: 811123

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

141 27.2 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 78.136 ng

RT: 12.899 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP024687.D

Acq: 19 May 2025 13:28

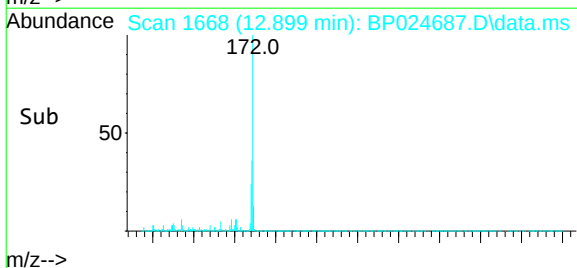
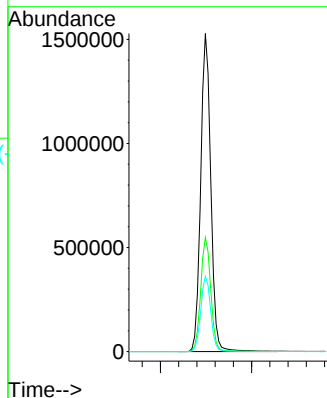
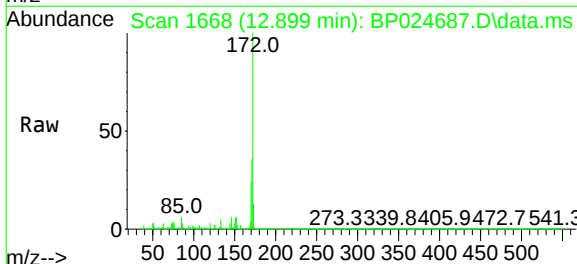
Tgt Ion:172 Resp: 2350080

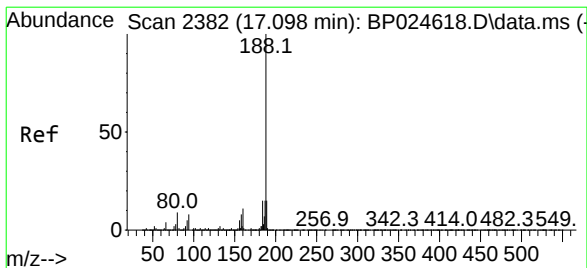
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.087 min Scan# 2382

Delta R.T. -0.012 min

Lab File: BP024687.D

Acq: 19 May 2025 13:28

Instrument :

BNA_P

ClientSampleId :

PB167963TB

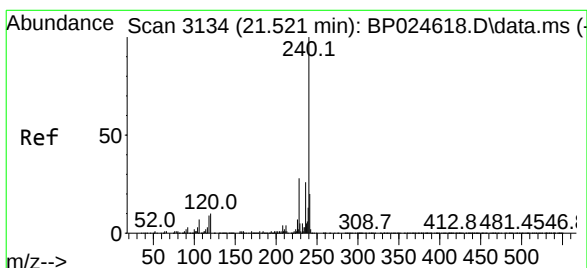
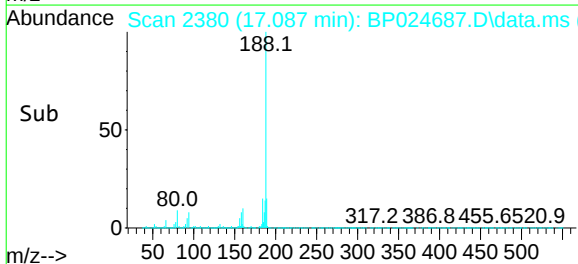
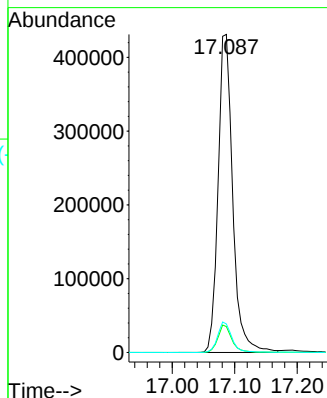
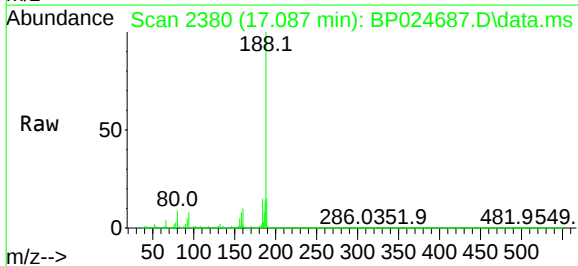
Tgt Ion:188 Resp: 701432

Ion Ratio Lower Upper

188 100

94 8.2 6.5 9.7

80 9.0 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP024687.D

Acq: 19 May 2025 13:28

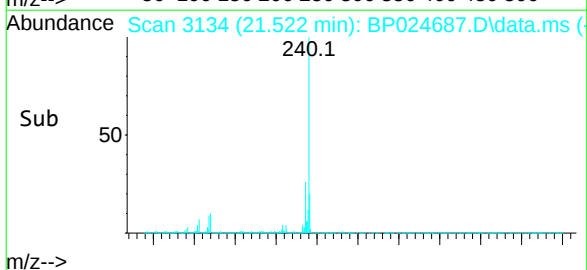
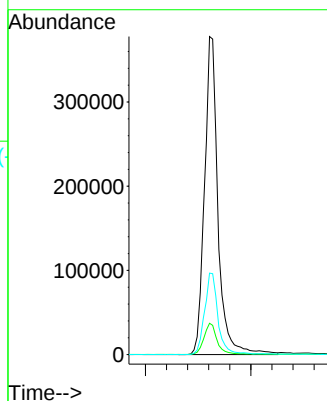
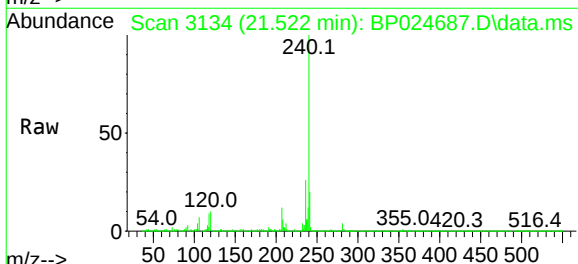
Tgt Ion:240 Resp: 670983

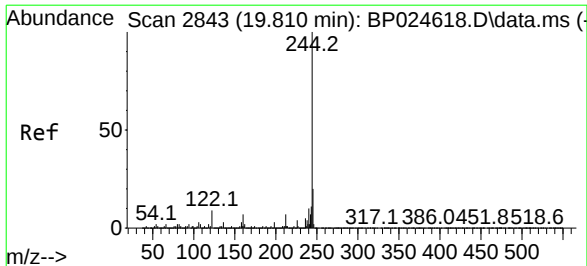
Ion Ratio Lower Upper

240 100

120 9.8 7.8 11.6

236 25.6 20.6 31.0



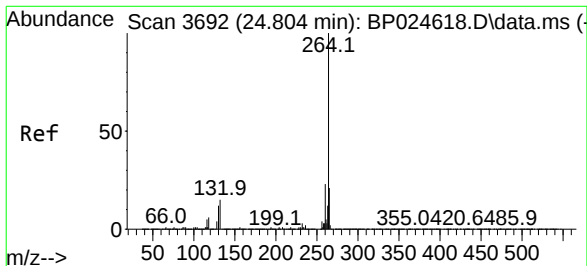
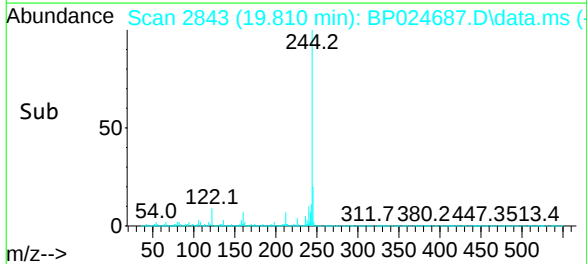
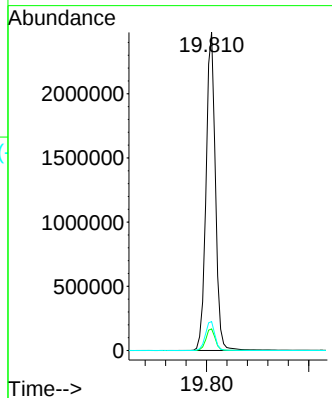
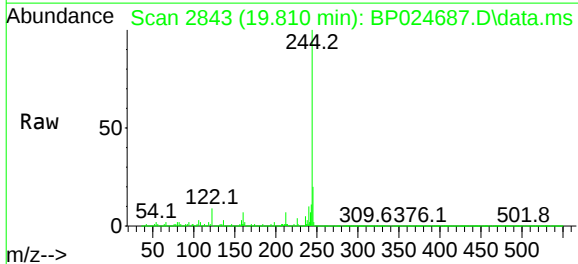


#79
 Terphenyl-d14
 Concen: 80.262 ng
 RT: 19.810 min Scan# 2843
 Delta R.T. 0.000 min
 Lab File: BP024687.D
 Acq: 19 May 2025 13:28

Instrument :
 BNA_P
 ClientSampleId :
 PB167963TB

Tgt Ion: 244 Resp: 3140753

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	9.1	7.4	11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.816 min Scan# 3694
 Delta R.T. 0.012 min
 Lab File: BP024687.D
 Acq: 19 May 2025 13:28

Tgt Ion: 264 Resp: 848107

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.4	17.0	25.6

