

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024690.D
 Acq On : 19 May 2025 15:35
 Operator : RC/JU
 Sample : Q2032-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 19 18:58:37 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)

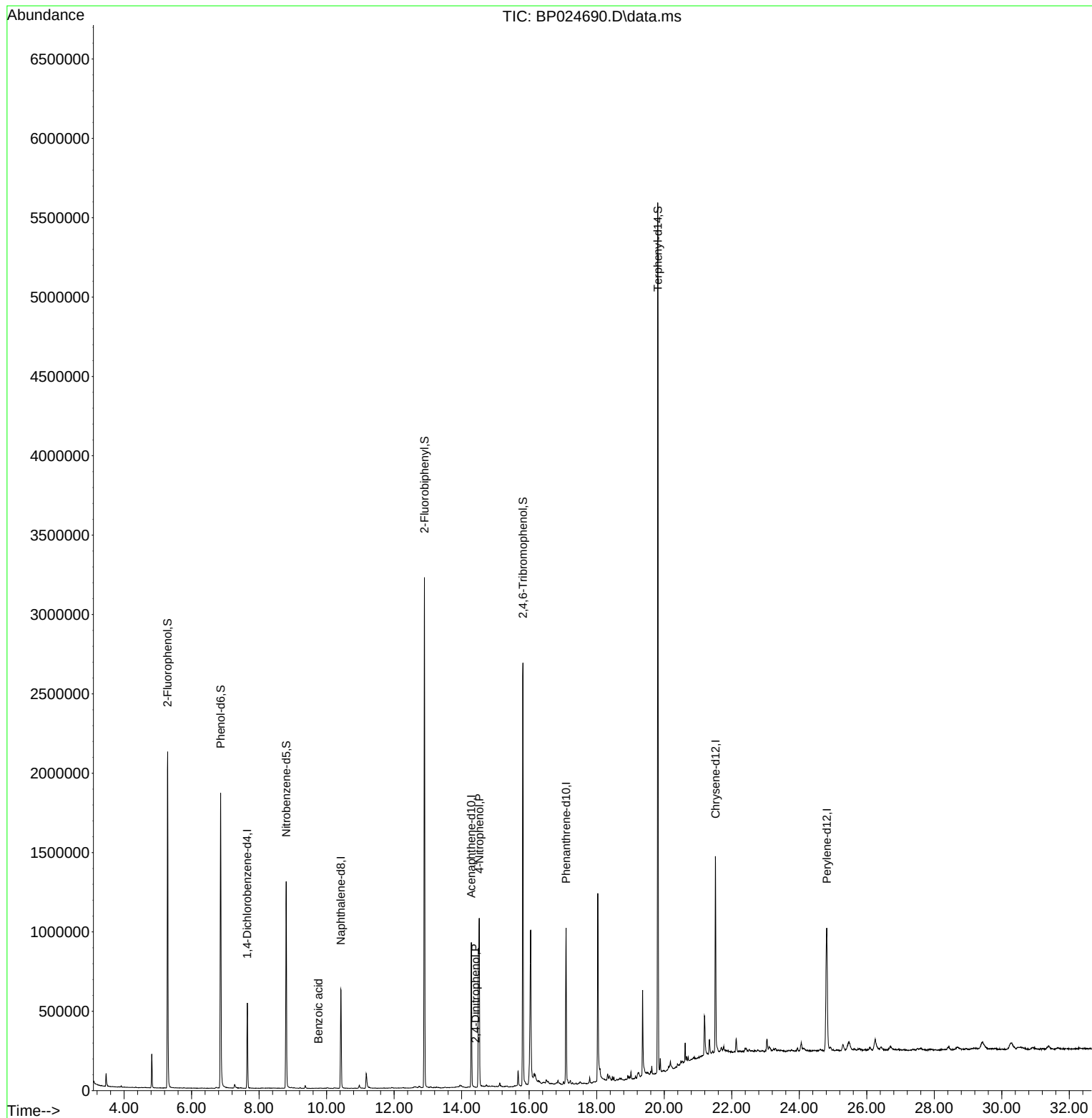
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	141952	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	538017	20.000	ng	-0.01
39) Acenaphthene-d10	14.286	164	308977	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	585624	20.000	ng	0.00
76) Chrysene-d12	21.521	240	714772	20.000	ng	0.00
86) Perylene-d12	24.815	264	916273	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	942490	113.560	ng	0.00
7) Phenol-d6	6.863	99	1132163	106.884	ng	0.01
23) Nitrobenzene-d5	8.804	82	696352	65.396	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	591929	113.006	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1581258	67.048	ng	0.00
79) Terphenyl-d14	19.810	244	2518645	60.421	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.757	122	107	7.484	ng	# 35
54) 2,4-Dinitrophenol	14.410	184	16	6.406	ng	# 1
56) 4-Nitrophenol	14.522	139	1566	4.571	ng	# 1

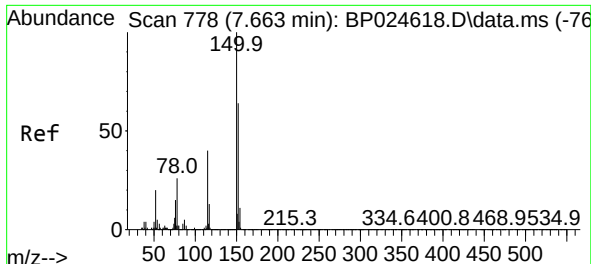
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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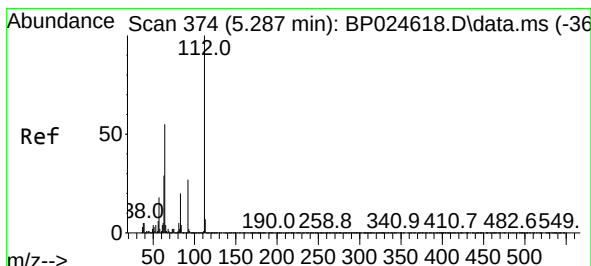
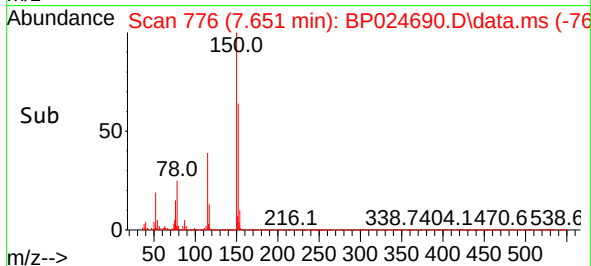
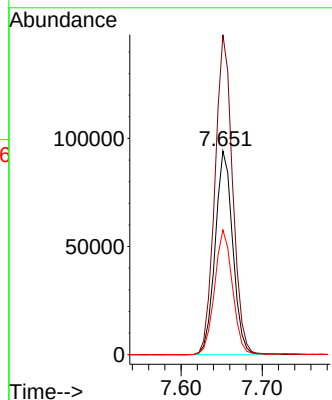
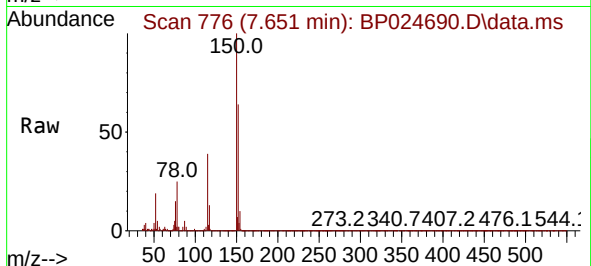




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024690.D
Acq: 19 May 2025 15:35

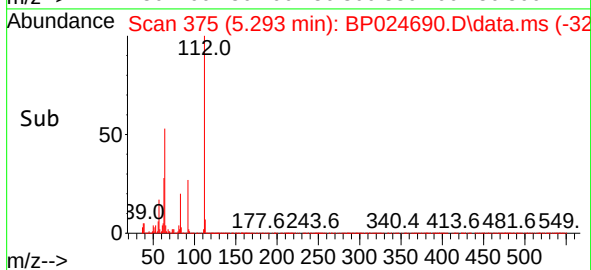
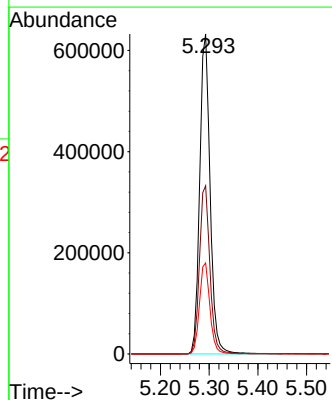
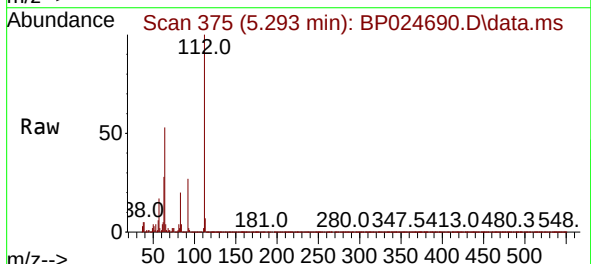
Instrument :
BNA_P
ClientSampleId :

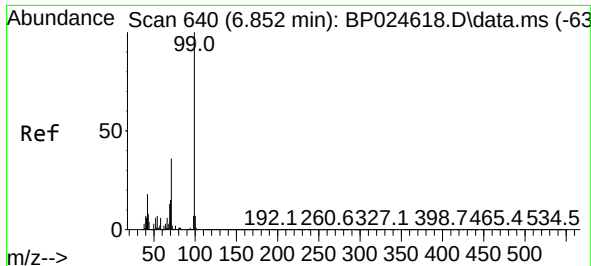
Tgt Ion:152 Resp: 141952
Ion Ratio Lower Upper
152 100
150 157.1 125.9 188.9
115 61.3 50.1 75.1



#5
2-Fluorophenol
Concen: 113.560 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024690.D
Acq: 19 May 2025 15:35

Tgt Ion:112 Resp: 942490
Ion Ratio Lower Upper
112 100
64 52.6 44.1 66.1
63 28.5 23.5 35.3

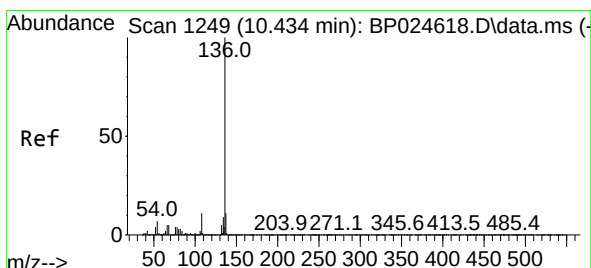
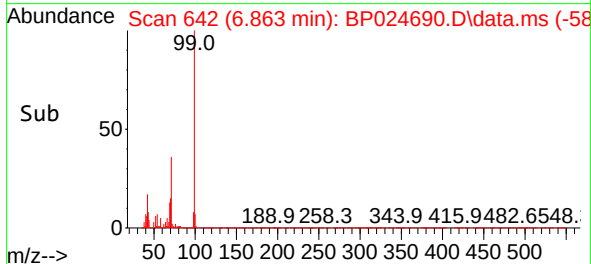
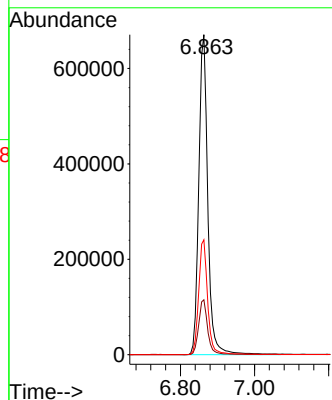
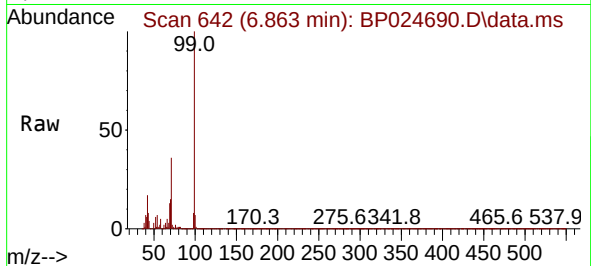




#7
Phenol-d6
Concen: 106.884 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024690.D
Acq: 19 May 2025 15:35

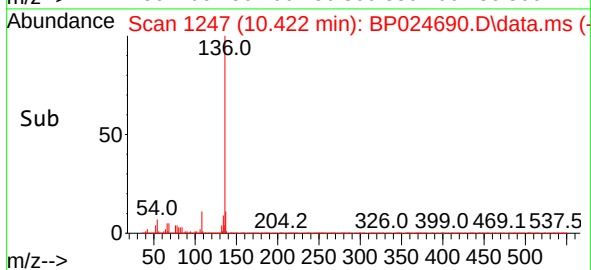
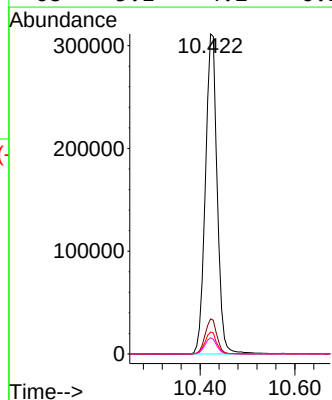
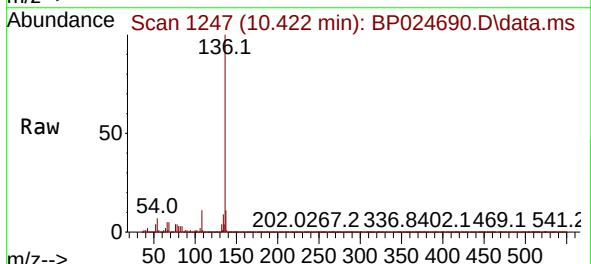
Instrument :
BNA_P
ClientSampleId :

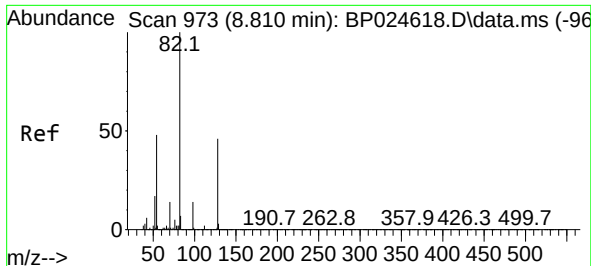
Tgt Ion: 99 Resp: 1132163
Ion Ratio Lower Upper
99 100
42 17.1 14.4 21.6
71 35.9 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024690.D
Acq: 19 May 2025 15:35

Tgt Ion: 136 Resp: 538017
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.8 5.5 8.3
68 5.1 4.2 6.2

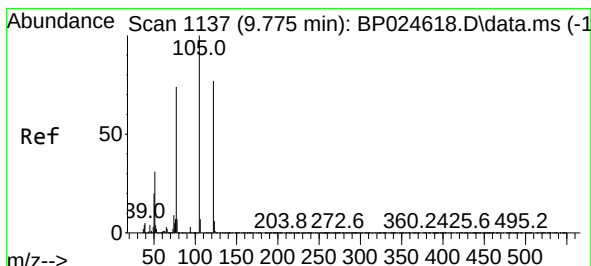
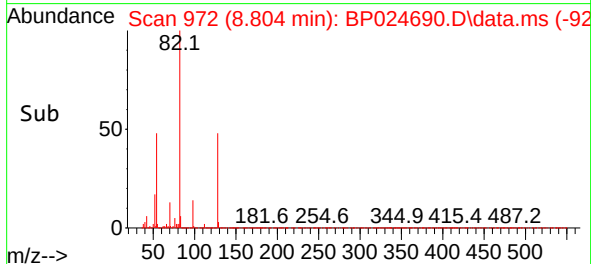
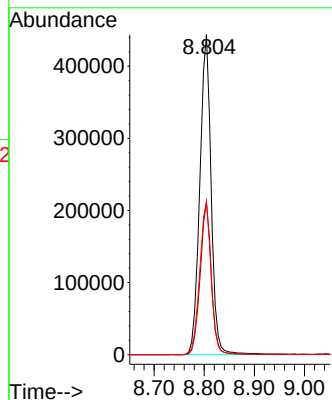
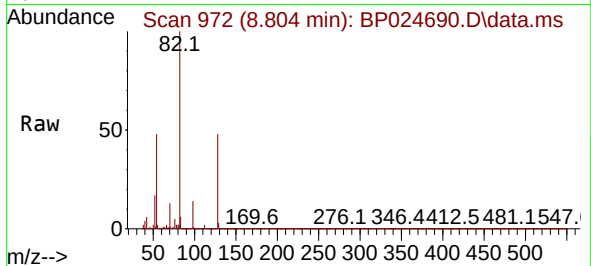




#23
Nitrobenzene-d5
Concen: 65.396 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024690.D
Acq: 19 May 2025 15:35

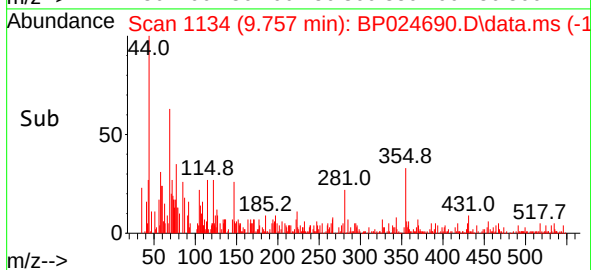
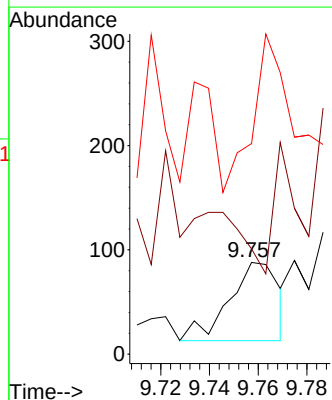
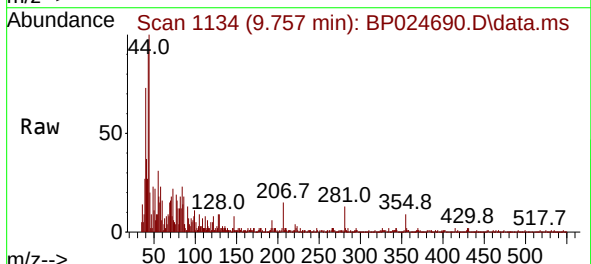
Instrument :
BNA_P
ClientSampleId :

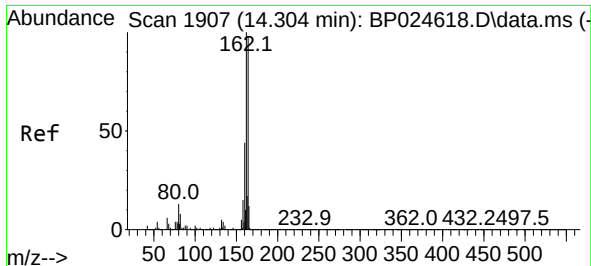
Tgt Ion: 82 Resp: 696352
Ion Ratio Lower Upper
82 100
128 47.6 37.0 55.4
54 48.0 38.7 58.1



#32
Benzoic acid
Concen: 7.484 ng
RT: 9.757 min Scan# 1134
Delta R.T. -0.018 min
Lab File: BP024690.D
Acq: 19 May 2025 15:35

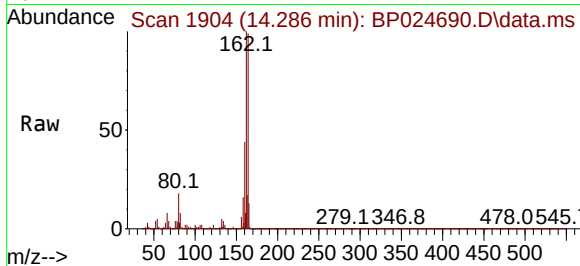
Tgt Ion: 122 Resp: 107
Ion Ratio Lower Upper
122 100
105 114.8 106.9 146.9
77 229.5 75.1 115.1#



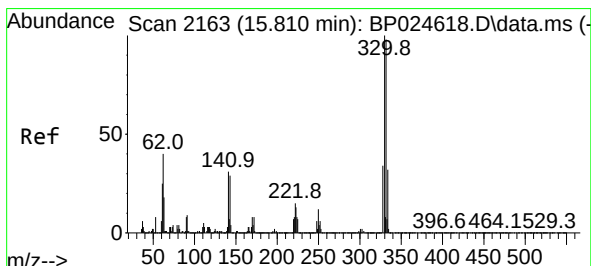
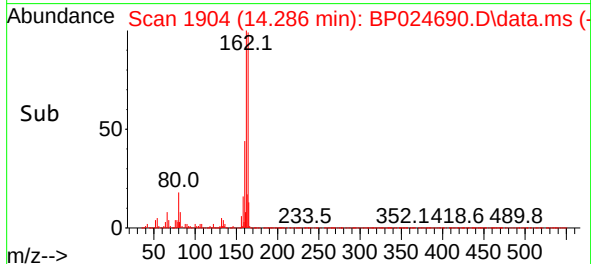
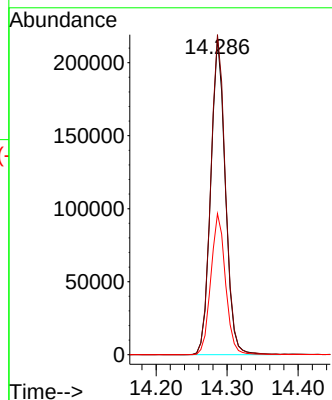


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024690.D
Acq: 19 May 2025 15:35

Instrument :
BNA_P
ClientSampleId :

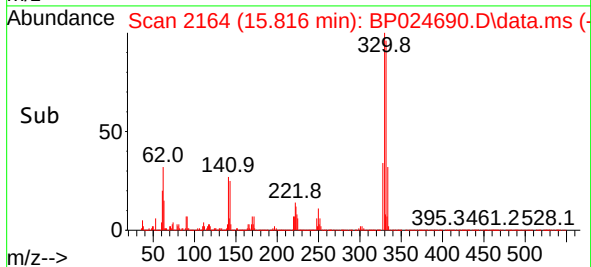
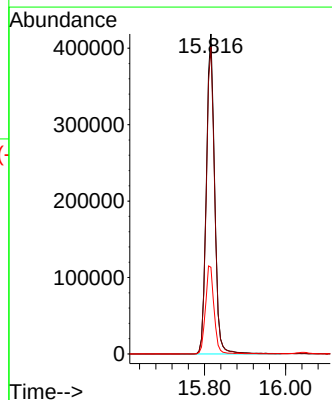
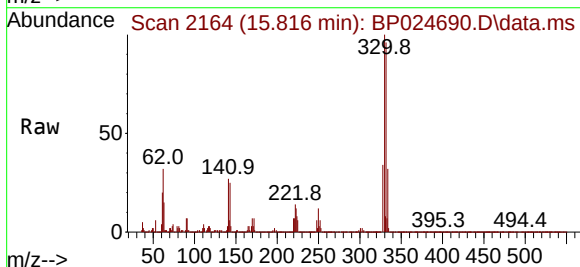


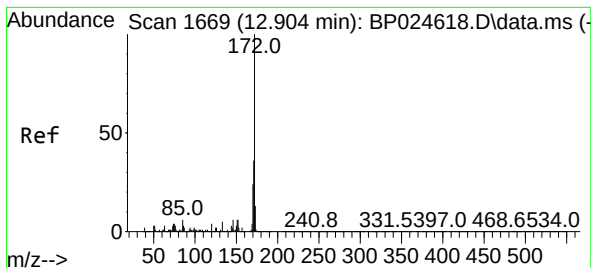
Tgt Ion:164 Resp: 308977
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.6
160 44.5 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 113.006 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP024690.D
Acq: 19 May 2025 15:35

Tgt Ion:330 Resp: 591929
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.4
141 28.4 24.3 36.5

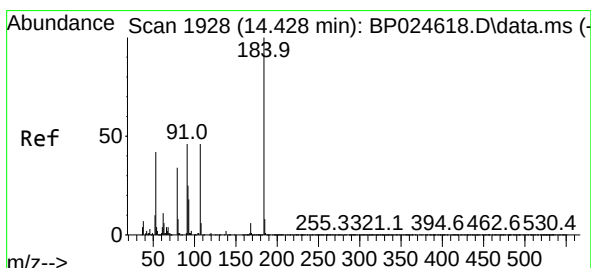
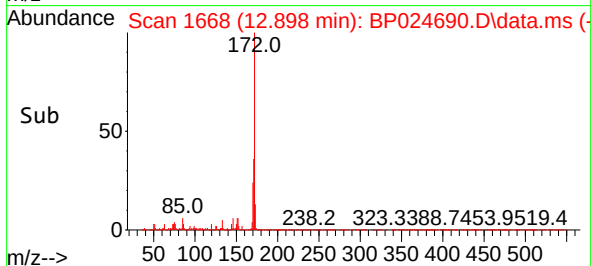
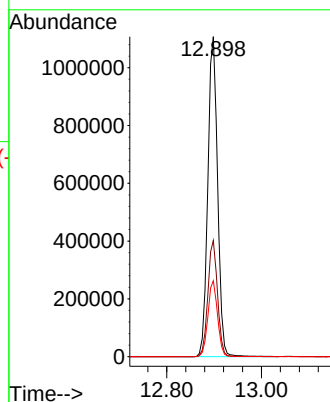
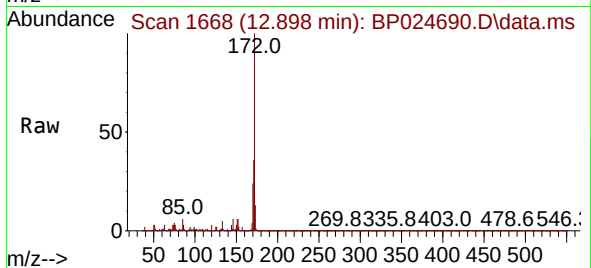




#45
2-Fluorobiphenyl
Concen: 67.048 ng
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024690.D
Acq: 19 May 2025 15:35

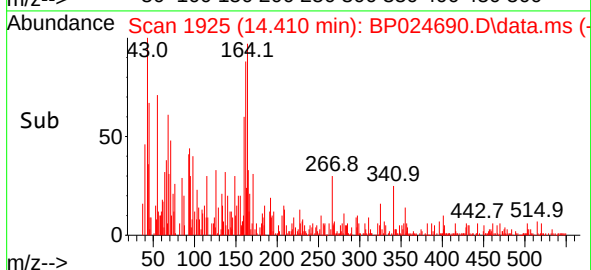
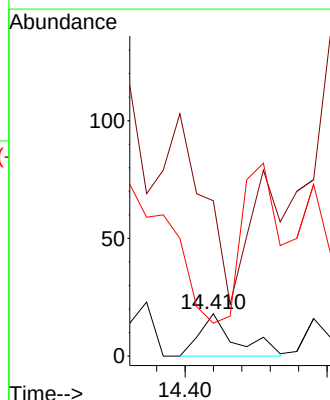
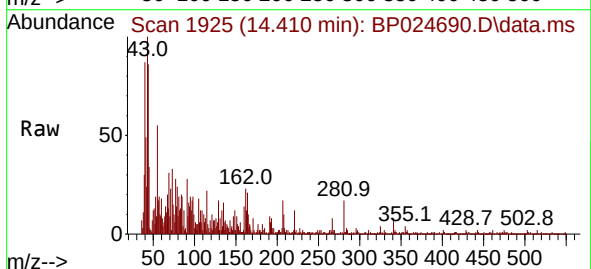
Instrument :
BNA_P
ClientSampleId :

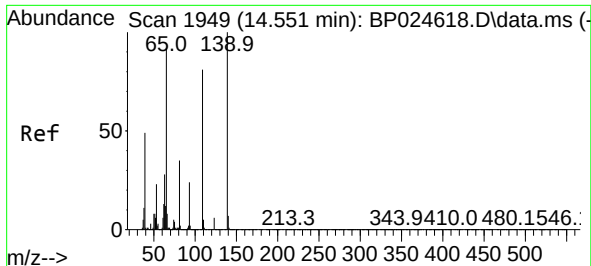
Tgt Ion:172 Resp: 1581258
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.7 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.406 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.018 min
Lab File: BP024690.D
Acq: 19 May 2025 15:35

Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 366.7 51.3 76.9#
154 77.8 53.5 80.3

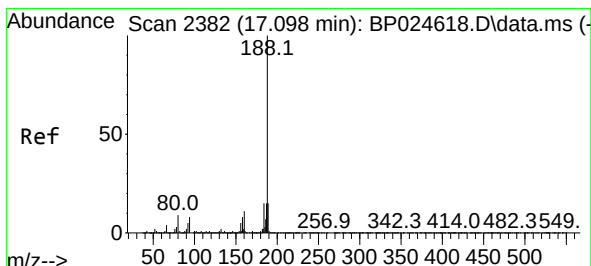
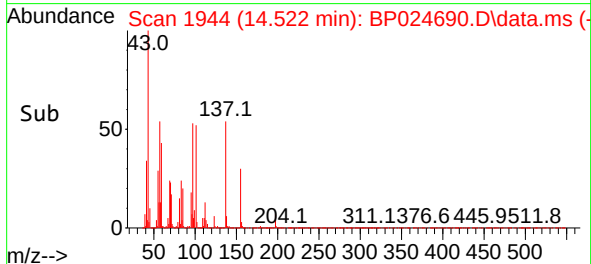
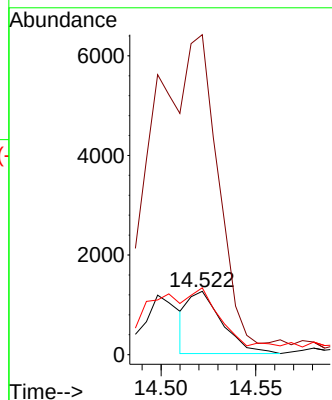
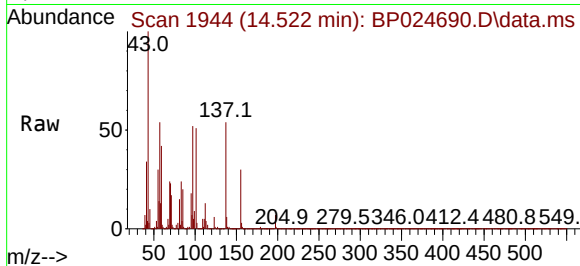




#56
4-Nitrophenol
Concen: 4.571 ng
RT: 14.522 min Scan# 1949
Delta R.T. -0.029 min
Lab File: BP024690.D
Acq: 19 May 2025 15:35

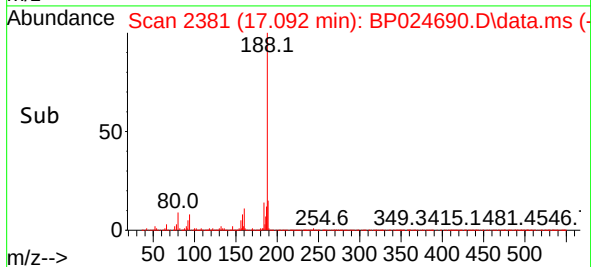
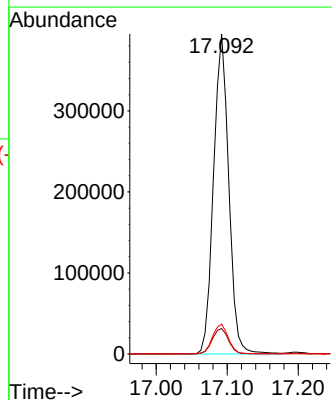
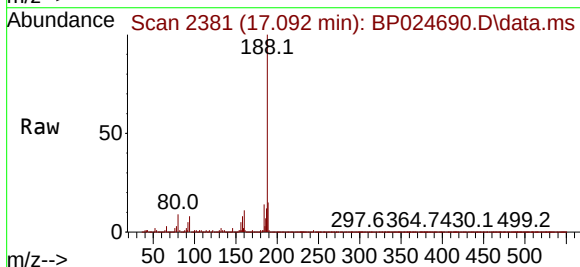
Instrument :
BNA_P
ClientSampleId :

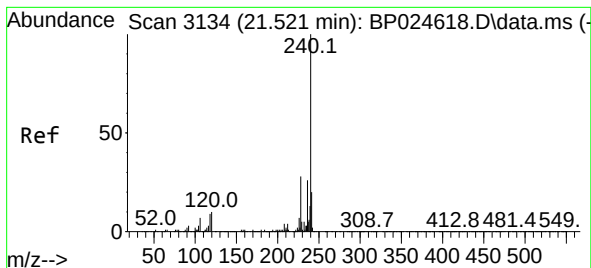
Tgt Ion:139 Resp: 1566
Ion Ratio Lower Upper
139 100
109 505.5 61.4 101.4#
65 105.7 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024690.D
Acq: 19 May 2025 15:35

Tgt Ion:188 Resp: 585624
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 9.4 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024690.D

Acq: 19 May 2025 15:35

Instrument :

BNA_P

ClientSampleId :

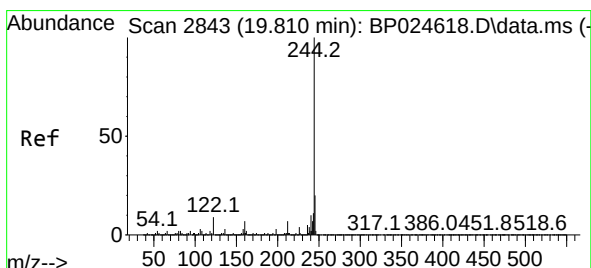
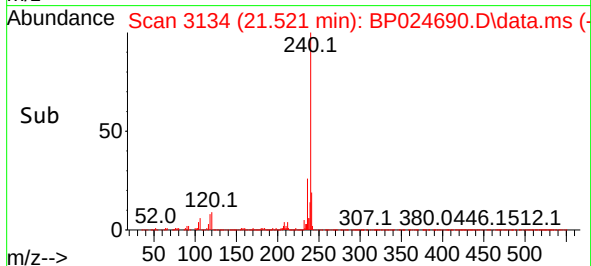
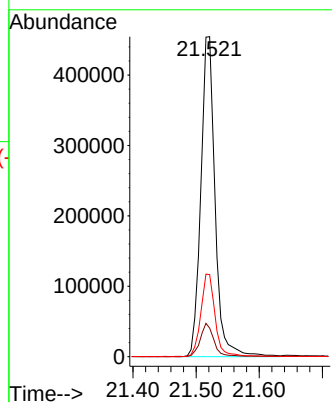
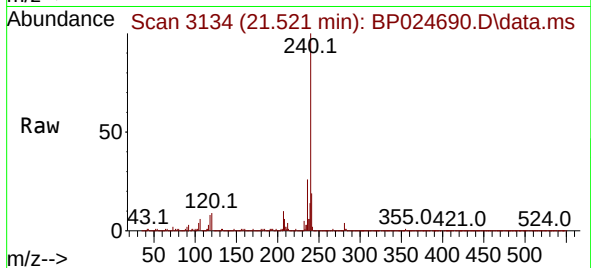
Tgt Ion:240 Resp: 714772

Ion Ratio Lower Upper

240 100

120 8.9 7.8 11.6

236 25.6 20.6 31.0



#79

Terphenyl-d14

Concen: 60.421 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.000 min

Lab File: BP024690.D

Acq: 19 May 2025 15:35

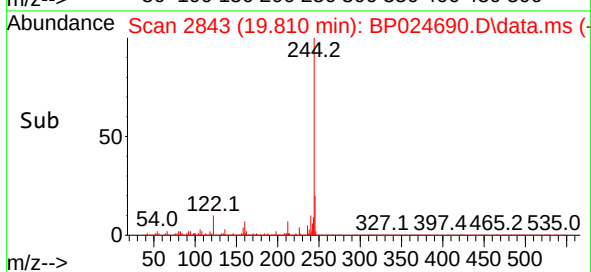
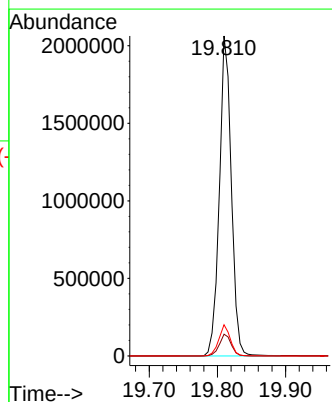
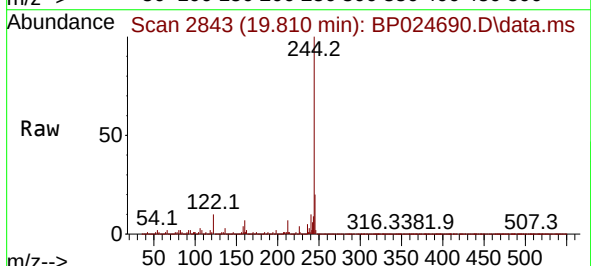
Tgt Ion:244 Resp: 2518645

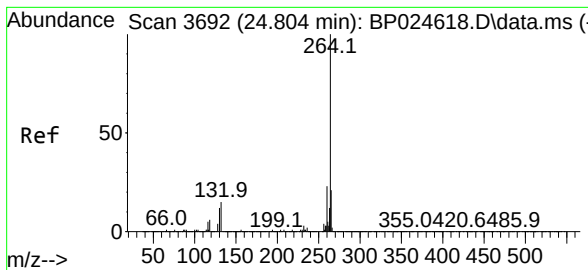
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

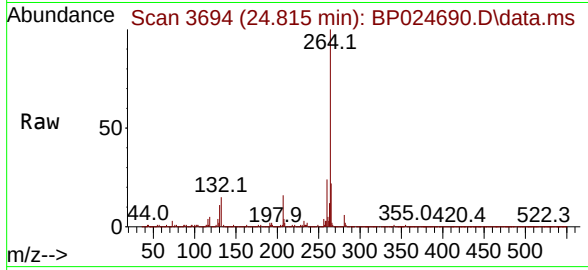
122 9.8 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.815 min Scan# 30
 Delta R.T. 0.012 min
 Lab File: BP024690.D
 Acq: 19 May 2025 15:35

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:	264	Resp:	916273
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.0	17.0	25.6

