

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 :

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)

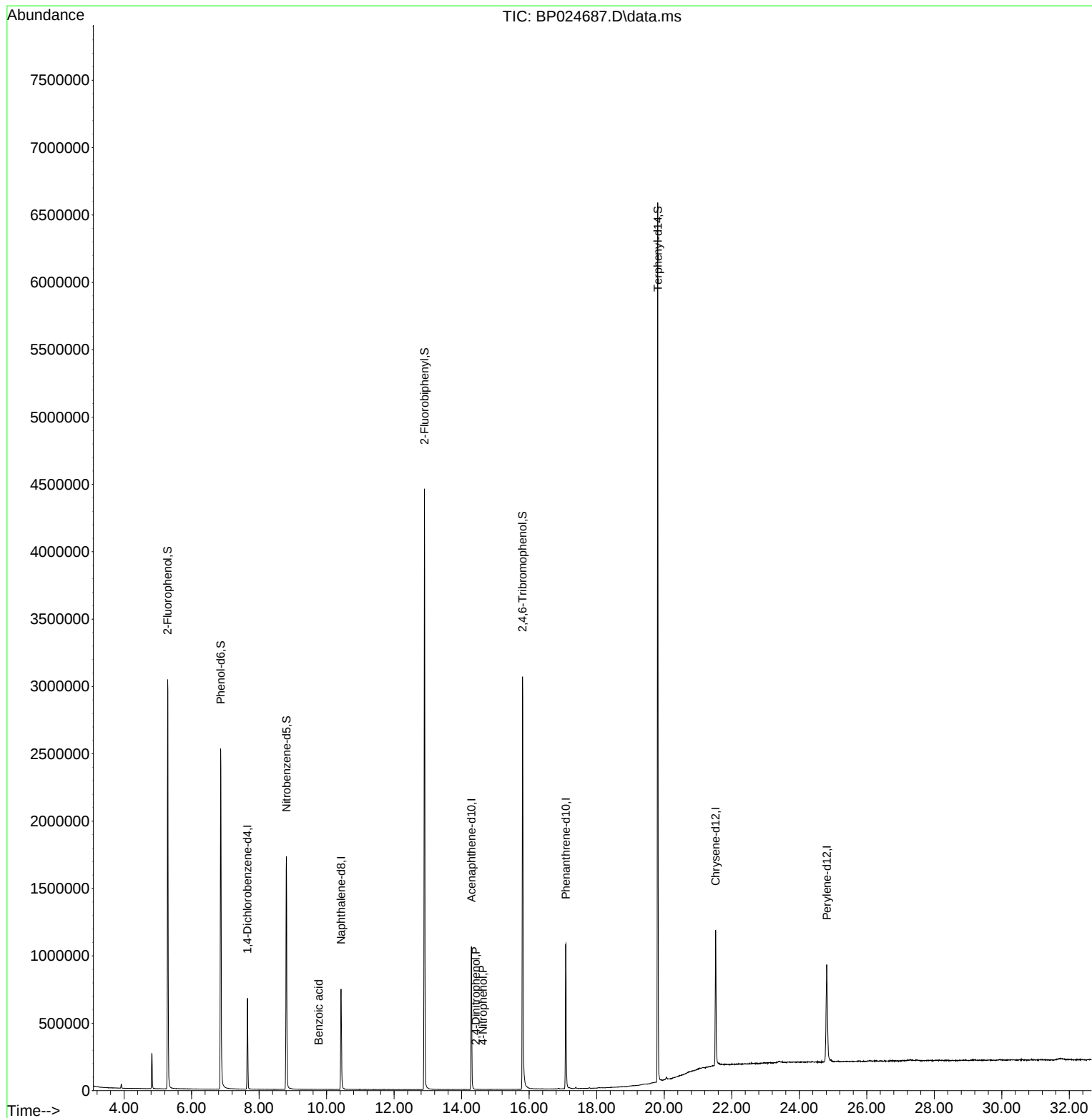
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	181587	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	675085	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	394044	20.000	ng	-0.01
64) Phenanthrene-d10	17.087	188	701432	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	670983	20.000	ng	0.00
86) Perylene-d12	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
32) Benzoic acid	9.763	122	36	7.473	ng	# 17
54) 2,4-Dinitrophenol	14.422	184	19	6.405	ng	# 1
56) 4-Nitrophenol	14.628	139	41	4.241	ng	94

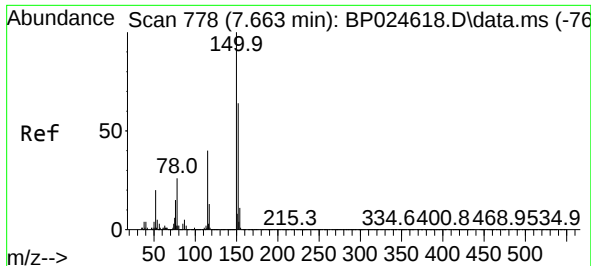
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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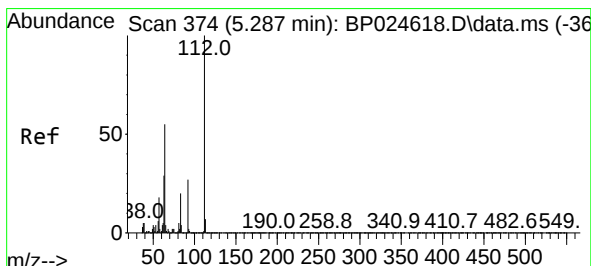
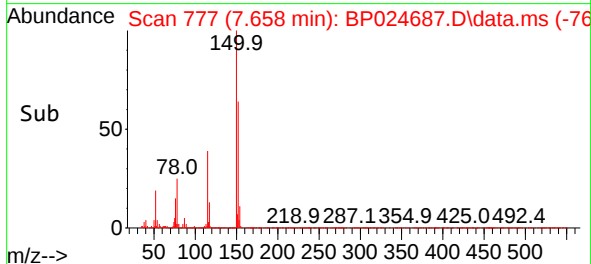
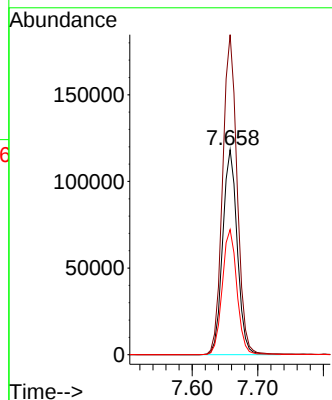
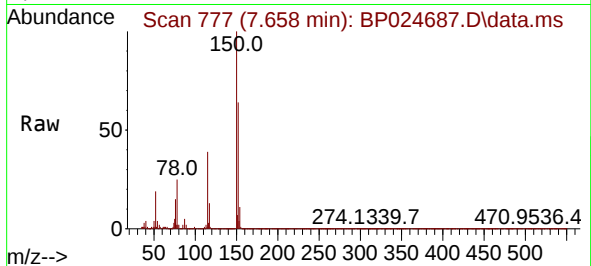




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

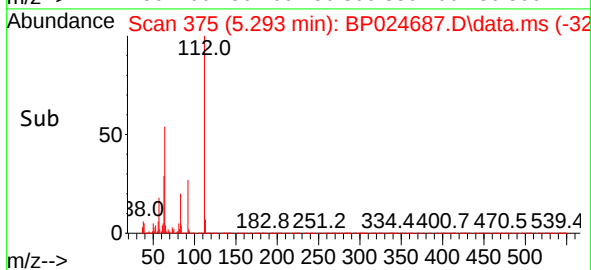
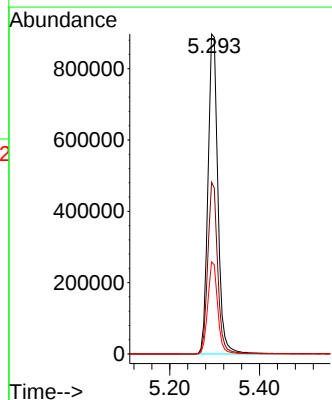
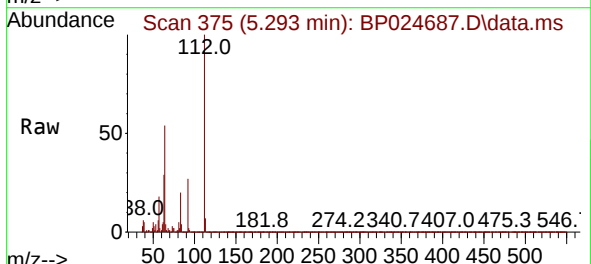
Instrument :
BNA_P
ClientSampleId :

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

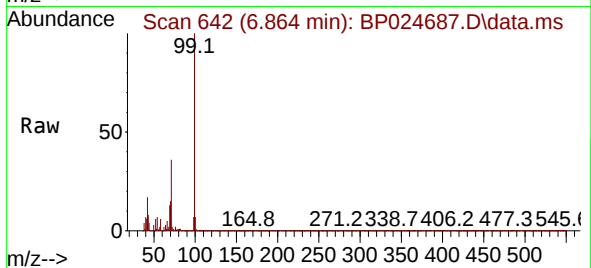
Tgt Ion:112 Resp: 1378109
Ion Ratio Lower Upper
112 100
64 53.7 44.1 66.1
63 28.8 23.5 35.3





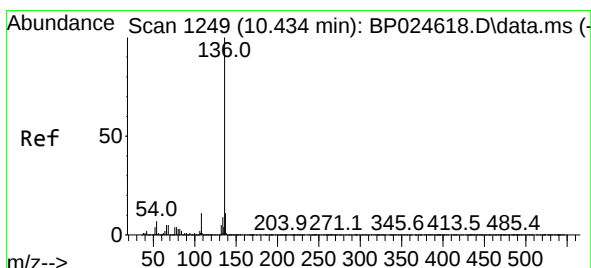
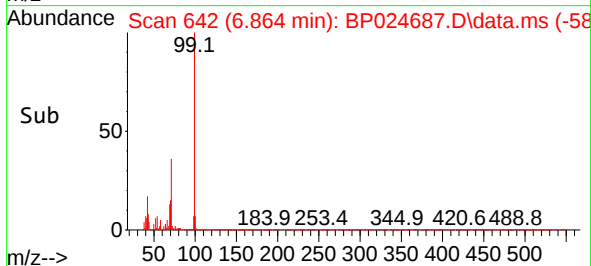
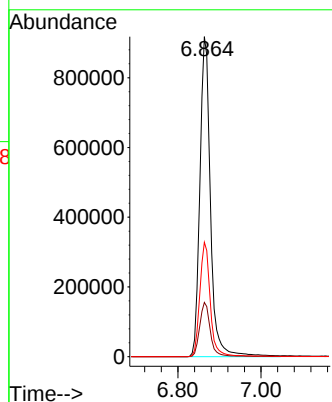
#7
Phenol-d6
Concen: 119.757 ng
RT: 6.864 min Scan# 640
Delta R.T. 0.012 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 99 Resp: 1622709

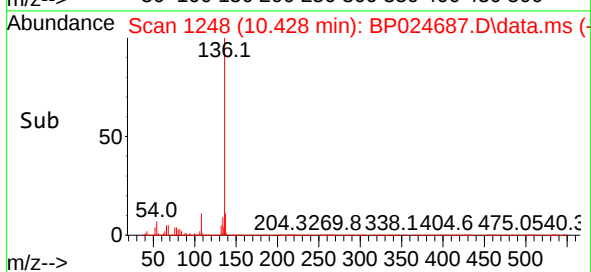
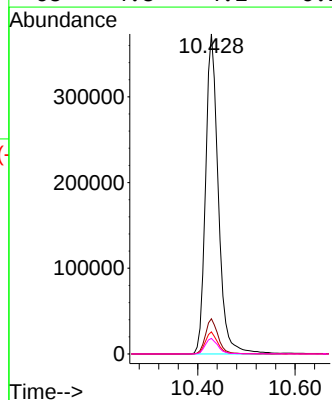
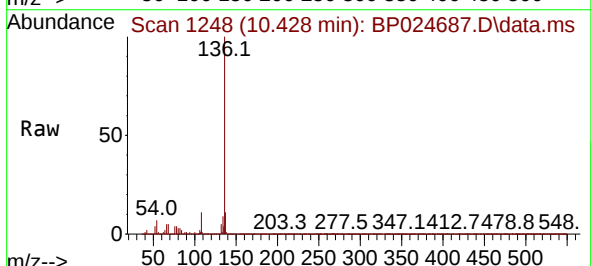
Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.4	21.6
71	35.8	29.2	43.8

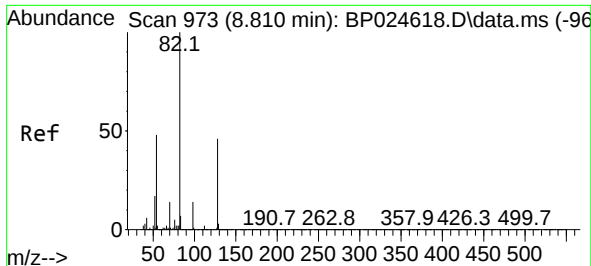


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Tgt Ion: 136 Resp: 675085

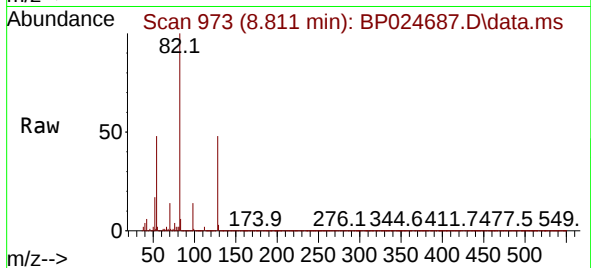
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.5	8.3
68	4.8	4.2	6.2



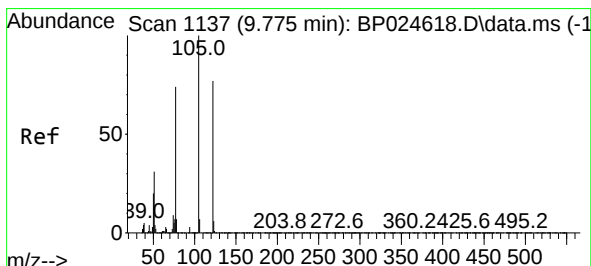
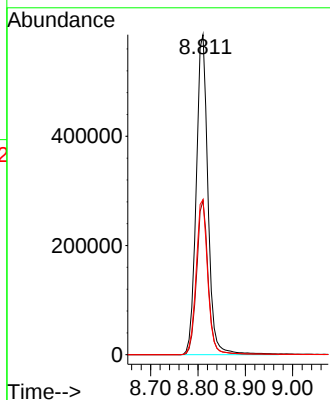
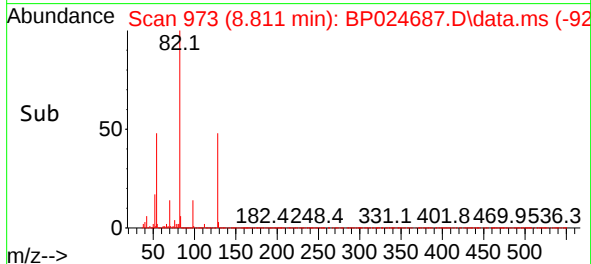


#23
Nitrobenzene-d5
Concen: 75.432 ng
RT: 8.811 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Instrument :
BNA_P
ClientSampleId :

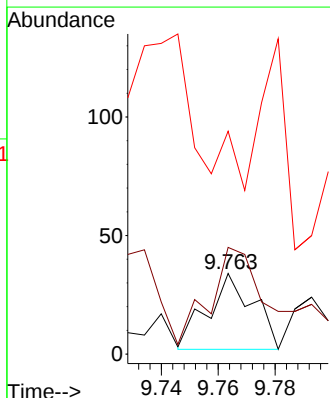
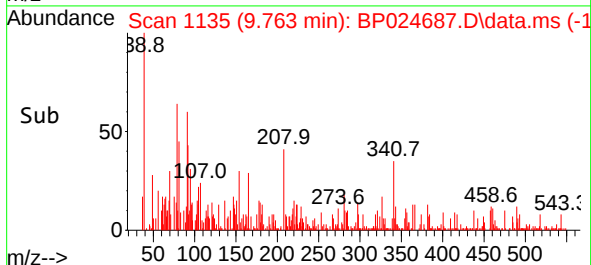
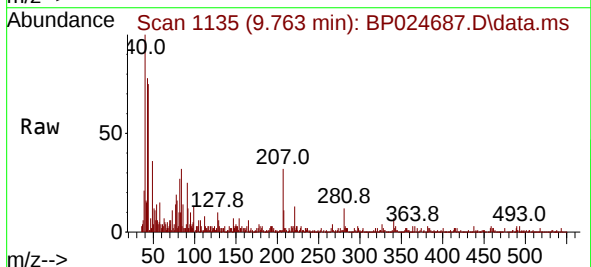


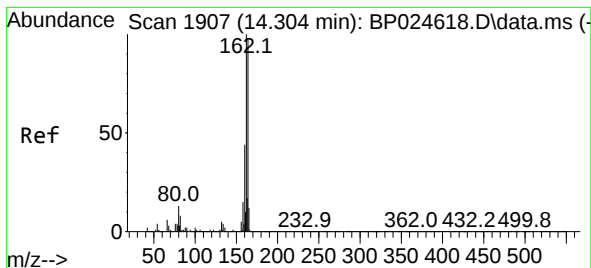
Tgt Ion: 82 Resp: 1007854
Ion Ratio Lower Upper
82 100
128 48.2 37.0 55.4
54 48.5 38.7 58.1



#32
Benzoic acid
Concen: 7.473 ng
RT: 9.763 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Tgt Ion: 122 Resp: 36
Ion Ratio Lower Upper
122 100
105 132.4 106.9 146.9
77 276.5 75.1 115.1#





#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

Instrument :

BNA_P

ClientSampleId :

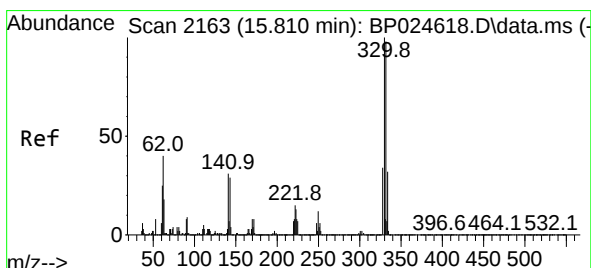
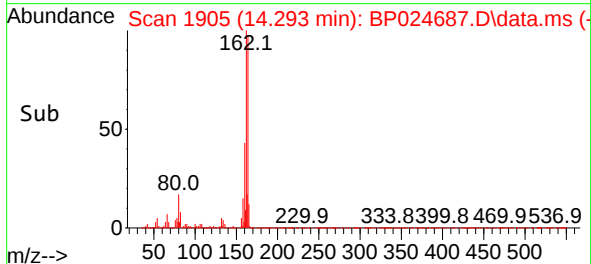
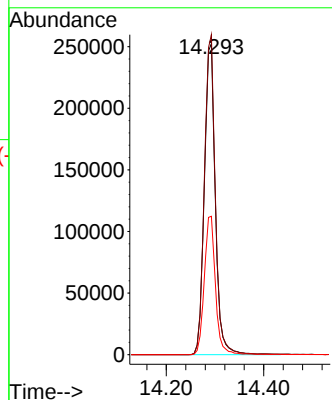
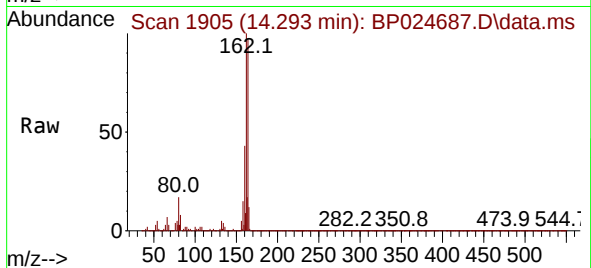
Tgt Ion:164 Resp: 394044

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# 2162

Delta R.T. -0.006 min

Lab File: BP024687.D

Acq: 19 May 2025 13:28

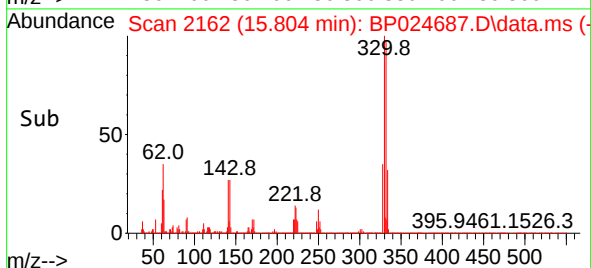
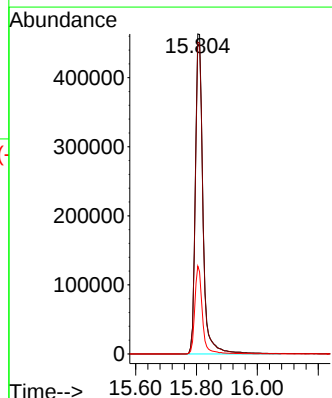
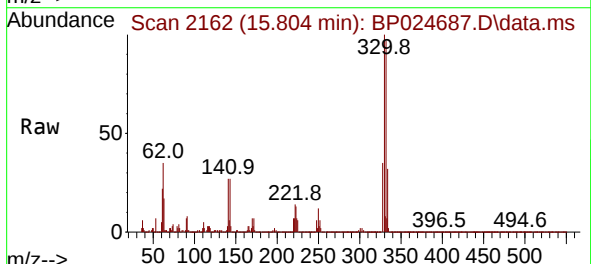
Tgt Ion:330 Resp: 811123

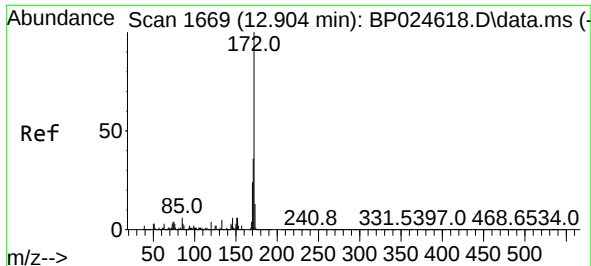
Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

141 27.2 24.3 36.5

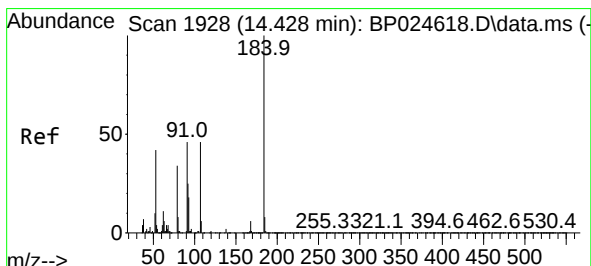
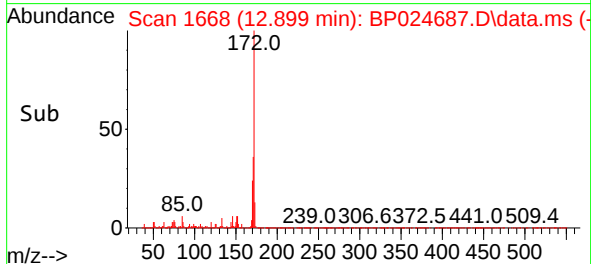
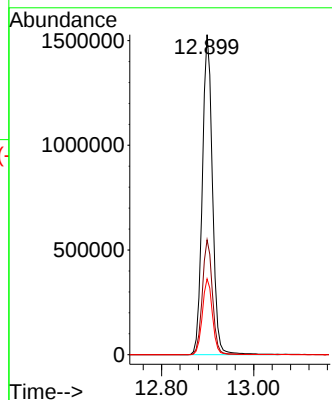
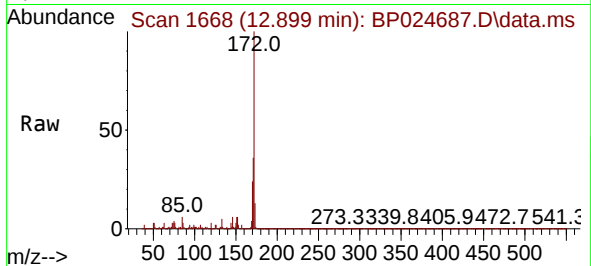




#45
2-Fluorobiphenyl
Concen: 78.136 ng
RT: 12.899 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

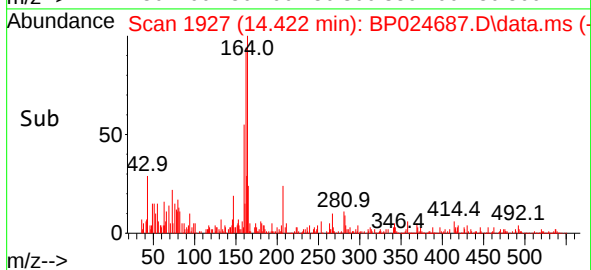
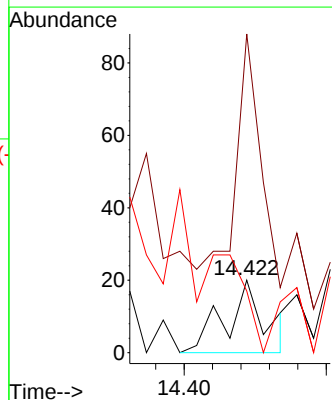
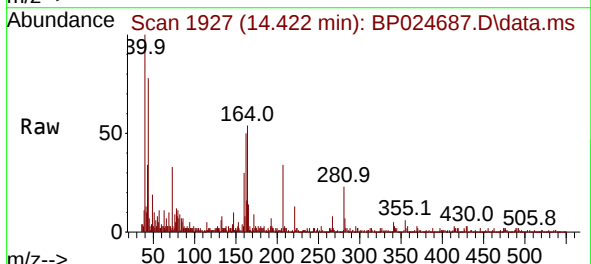
Instrument :
BNA_P
ClientSampleId :

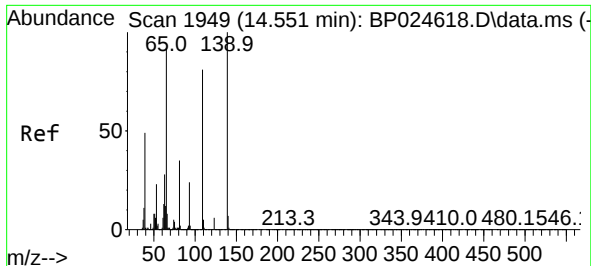
Tgt Ion:172 Resp: 2350080
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.7 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.405 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 515.0 51.3 76.9#
154 125.0 53.5 80.3#

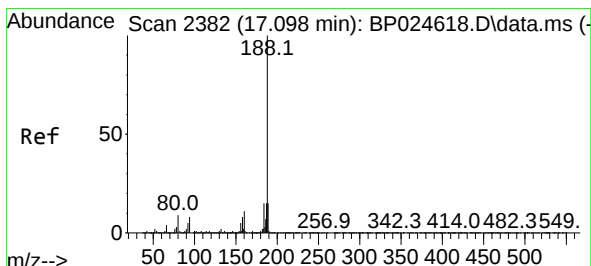
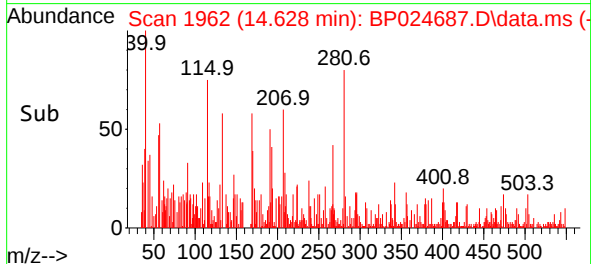
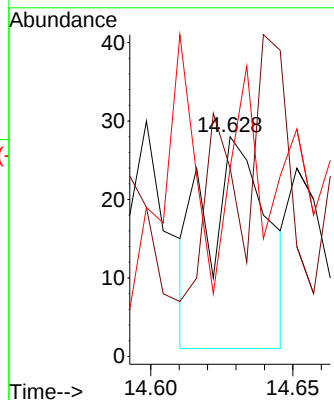
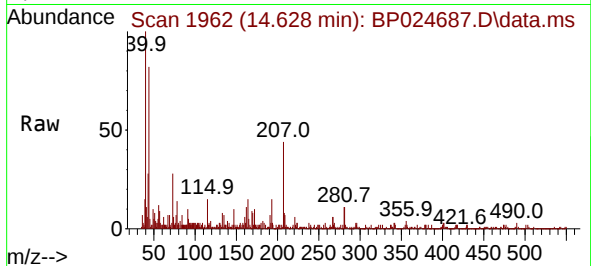




#56
4-Nitrophenol
Concen: 4.241 ng
RT: 14.628 min Scan# 1949
Delta R.T. 0.077 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

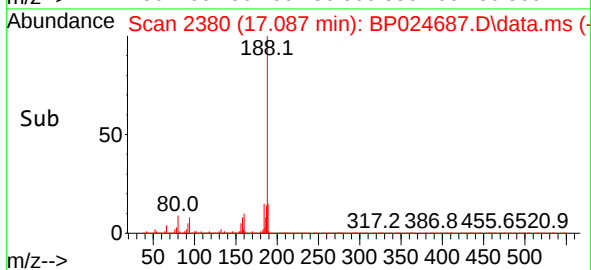
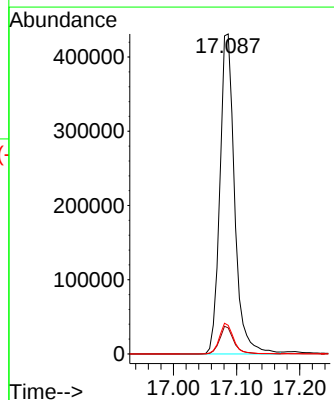
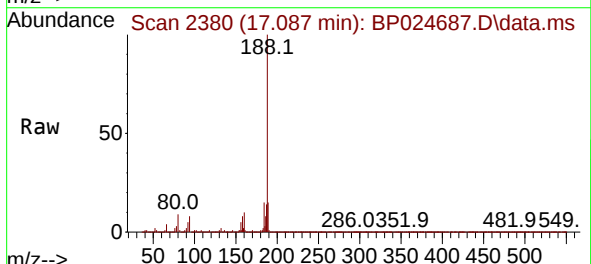
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BNA_P
ClientSampleId :

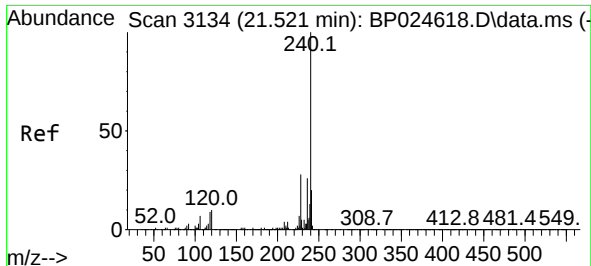
Tgt Ion:139 Resp: 41
Ion Ratio Lower Upper
139 100
109 85.7 61.4 101.4
65 85.7 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

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

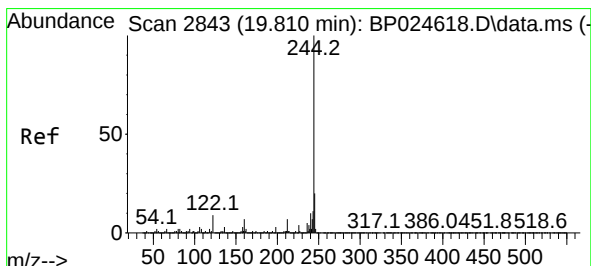
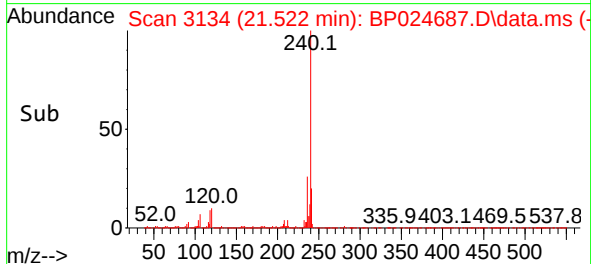
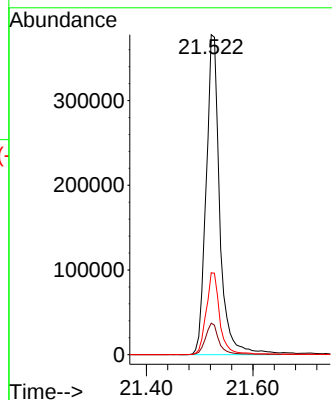
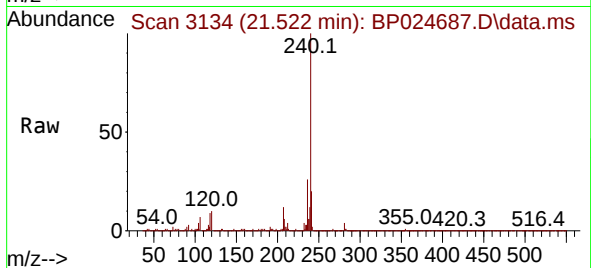




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

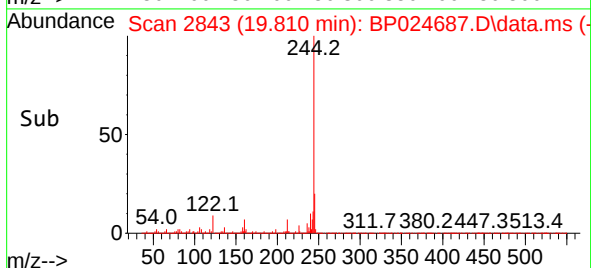
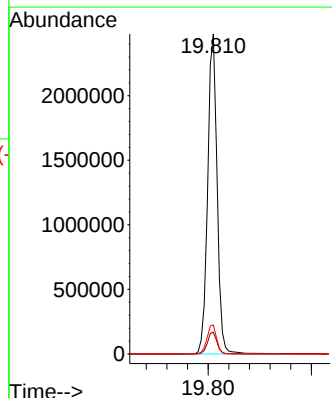
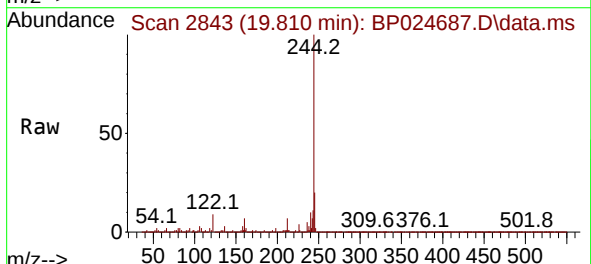
Instrument :
BNA_P
ClientSampleId :

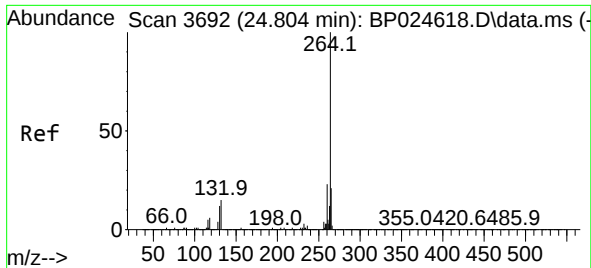
Tgt Ion:240 Resp: 670983
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.6
236 25.6 20.6 31.0



#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

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# 30

Delta R.T. 0.012 min

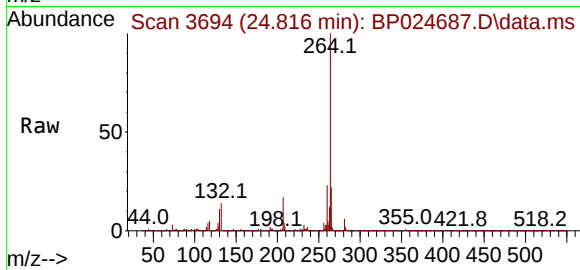
Lab File: BP024687.D

Acq: 19 May 2025 13:28

Instrument :

BNA_P

ClientSampleId :



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

