

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024693.D
 Acq On : 19 May 2025 17:38
 Operator : RC/JU
 Sample : Q2032-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 19 18:23:56 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)

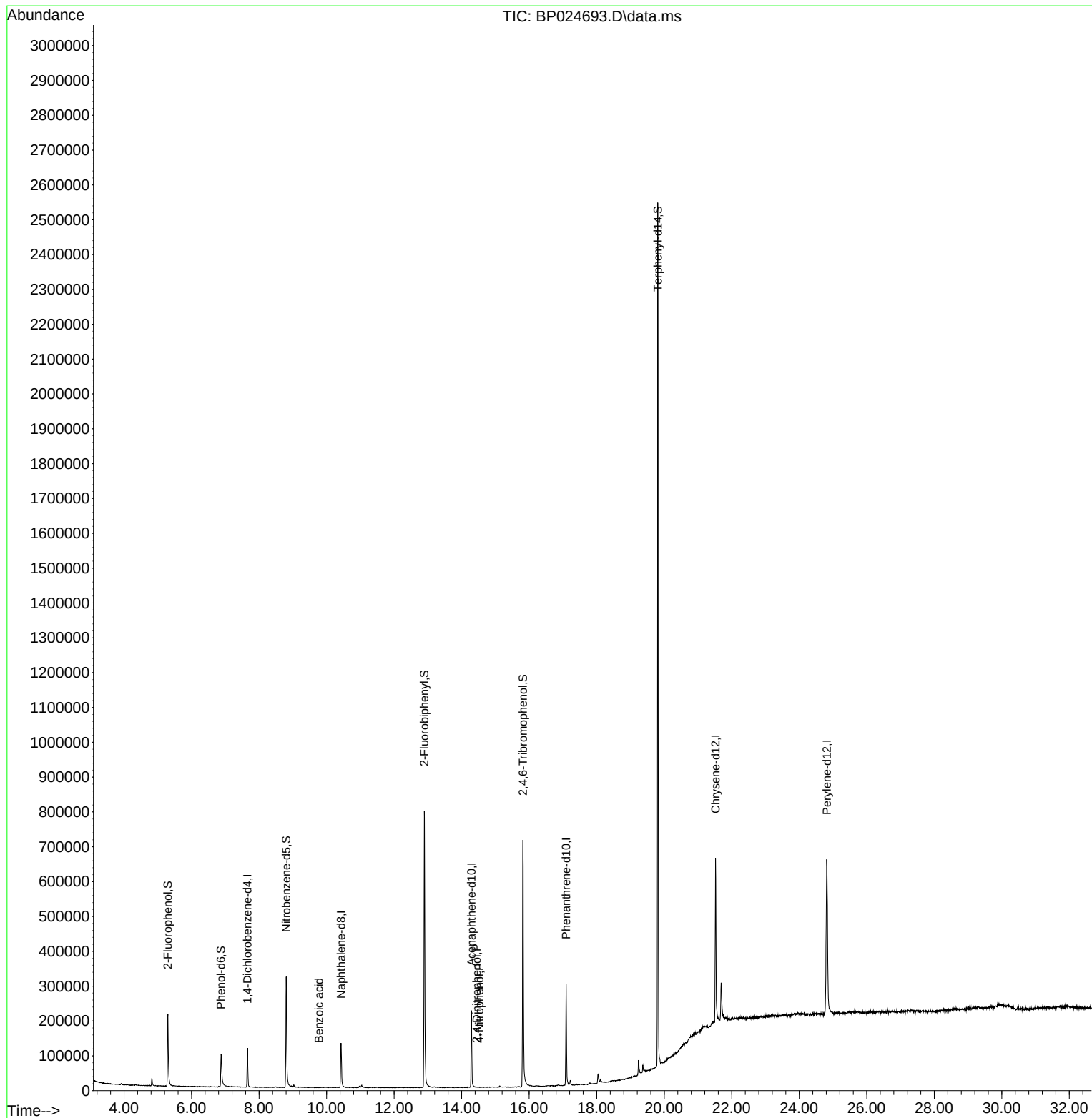
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	31145	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	128086	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	83577	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	185185	20.000	ng	0.00
76) Chrysene-d12	21.522	240	297520	20.000	ng	0.00
86) Perylene-d12	24.815	264	498129	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	120234	66.028	ng	0.01
7) Phenol-d6	6.875	99	88730	38.179	ng	0.02
23) Nitrobenzene-d5	8.805	82	198647	78.361	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	202539	142.948	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	482793	75.681	ng	-0.01
79) Terphenyl-d14	19.810	244	1141889	65.810	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.775	122	13	7.477	ng	# 38
54) 2,4-Dinitrophenol	14.445	184	13	6.415	ng	86
56) 4-Nitrophenol	14.522	139	8	4.240	ng	90

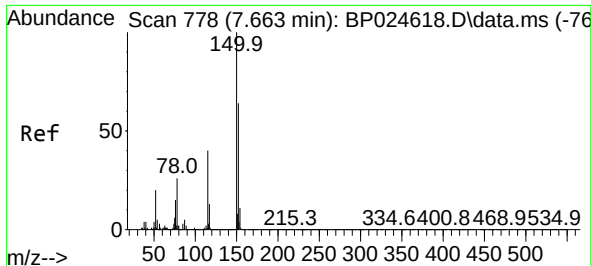
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
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BNA_P
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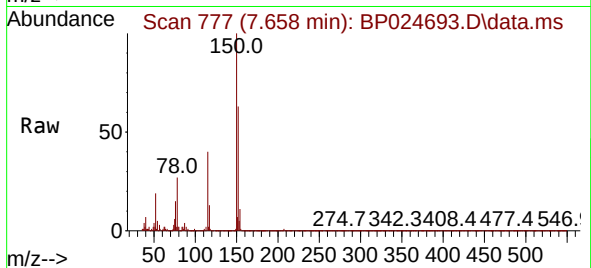
Quant Time: May 19 18:23:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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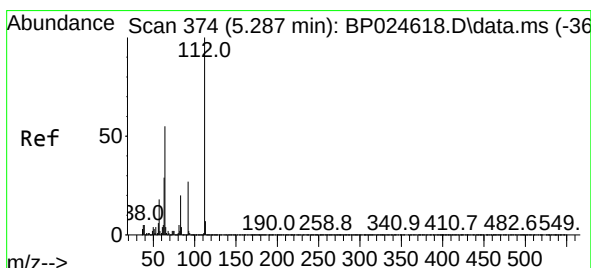
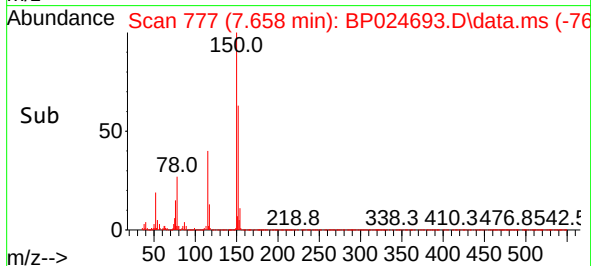
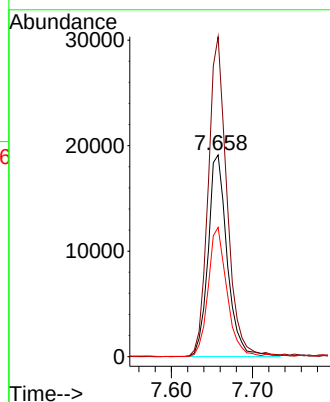


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

Instrument :
BNA_P
ClientSampleId :

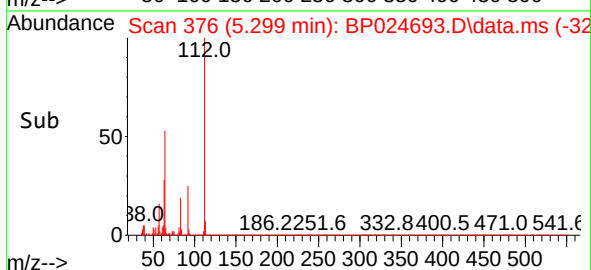
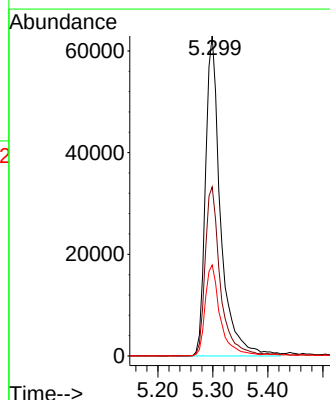
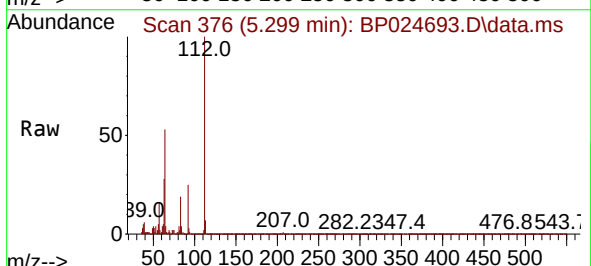


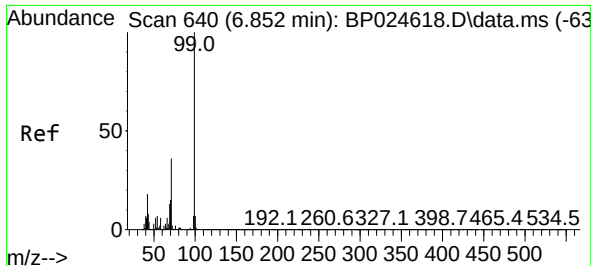
Tgt Ion:152 Resp: 31145
Ion Ratio Lower Upper
152 100
150 158.6 125.9 188.9
115 64.1 50.1 75.1



#5
2-Fluorophenol
Concen: 66.028 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.012 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

Tgt Ion:112 Resp: 120234
Ion Ratio Lower Upper
112 100
64 52.9 44.1 66.1
63 28.4 23.5 35.3

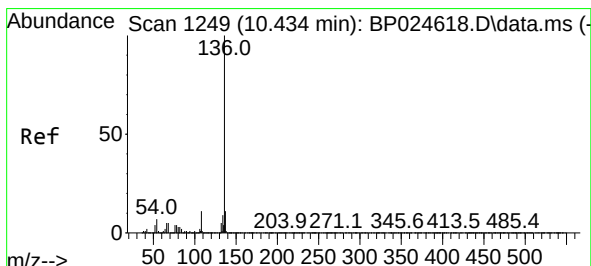
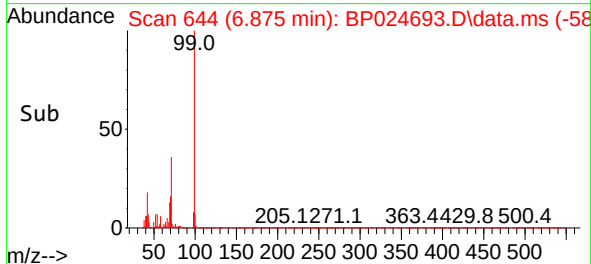
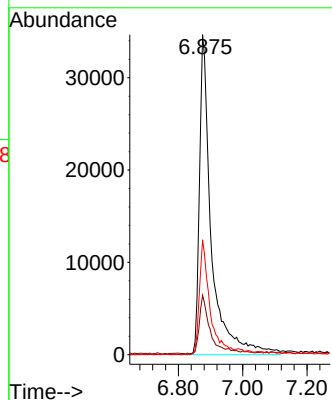
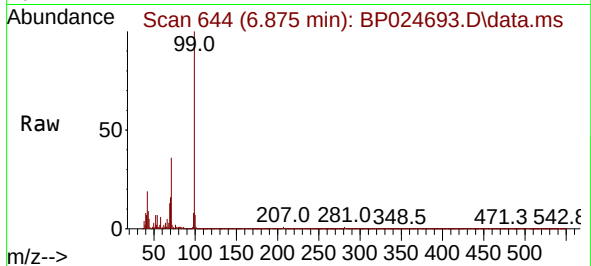




#7
Phenol-d6
Concen: 38.179 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.024 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

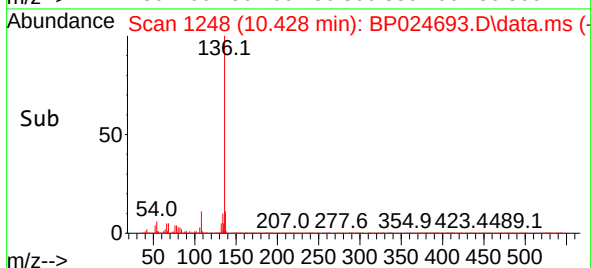
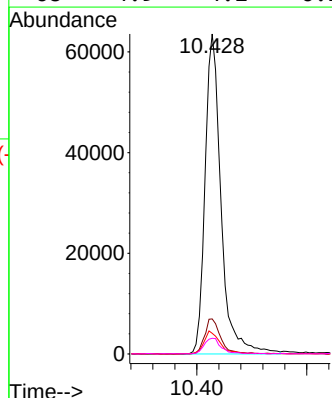
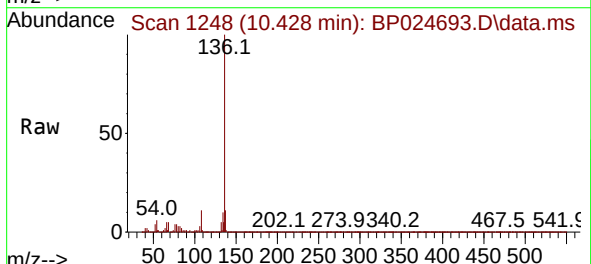
Instrument :
BNA_P
ClientSampleId :

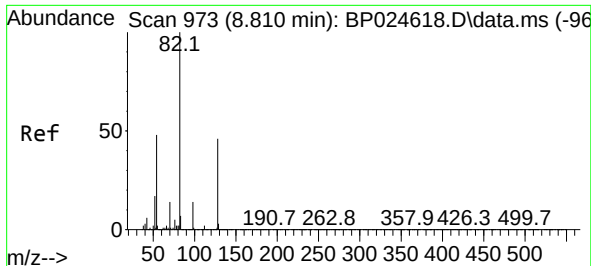
Tgt Ion: 99 Resp: 88730
Ion Ratio Lower Upper
99 100
42 18.5 14.4 21.6
71 35.9 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

Tgt Ion: 136 Resp: 128086
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.5 5.5 8.3
68 4.9 4.2 6.2

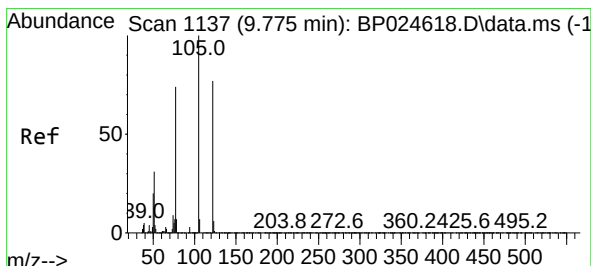
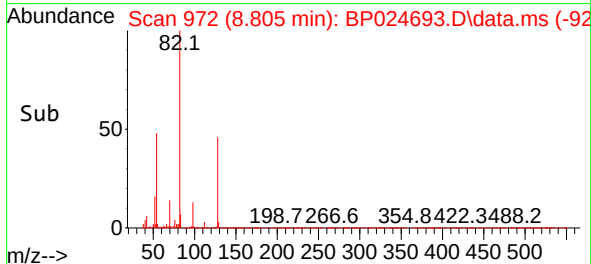
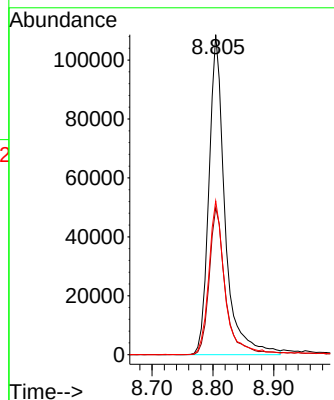
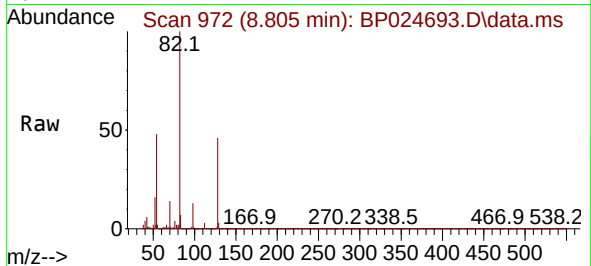




#23
Nitrobenzene-d5
Concen: 78.361 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

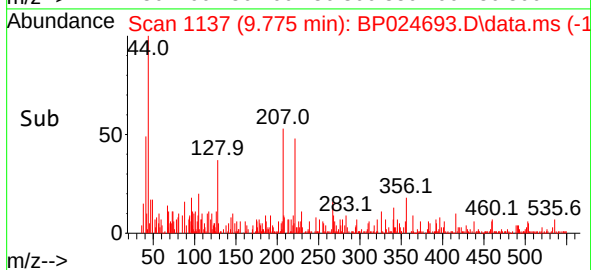
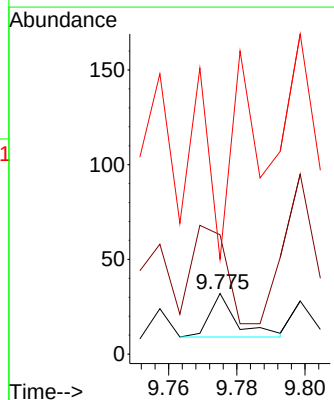
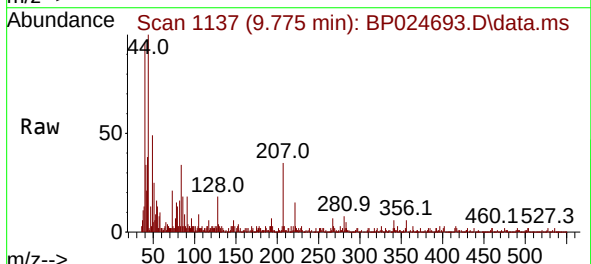
Instrument :
BNA_P
ClientSampleId :

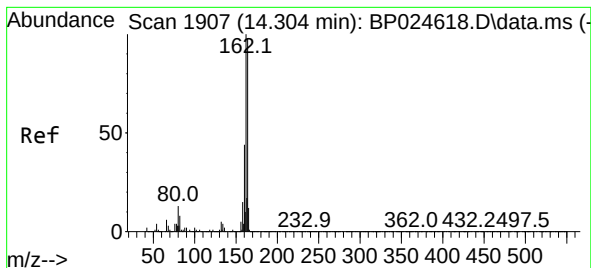
Tgt Ion: 82 Resp: 198647
Ion Ratio Lower Upper
82 100
128 45.9 37.0 55.4
54 48.0 38.7 58.1



#32
Benzoic acid
Concen: 7.477 ng
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

Tgt Ion:122 Resp: 13
Ion Ratio Lower Upper
122 100
105 196.9 106.9 146.9#
77 156.3 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.292 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024693.D

Acq: 19 May 2025 17:38

Instrument :

BNA_P

ClientSampleId :

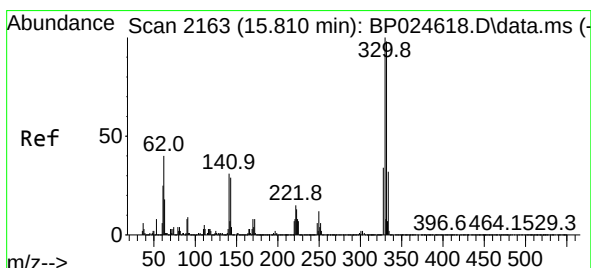
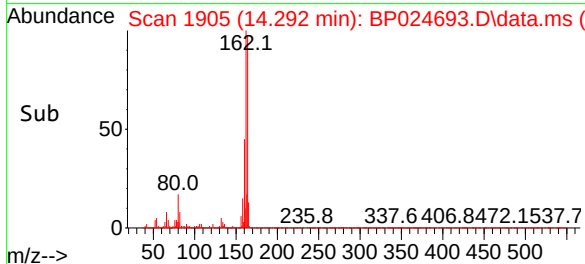
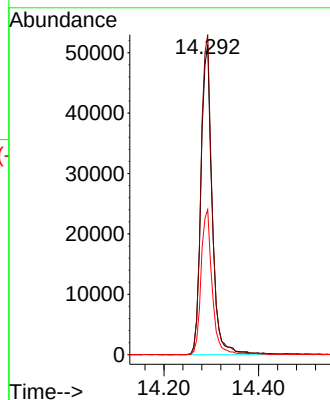
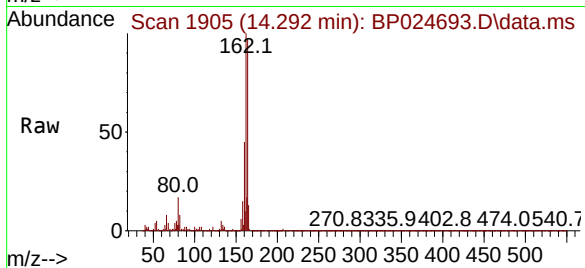
Tgt Ion:164 Resp: 83577

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.6

160 46.8 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 142.948 ng

RT: 15.816 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BP024693.D

Acq: 19 May 2025 17:38

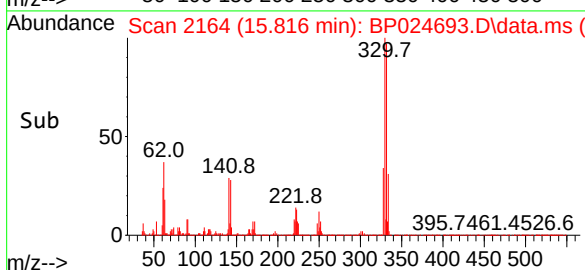
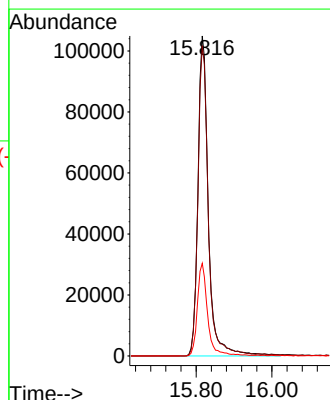
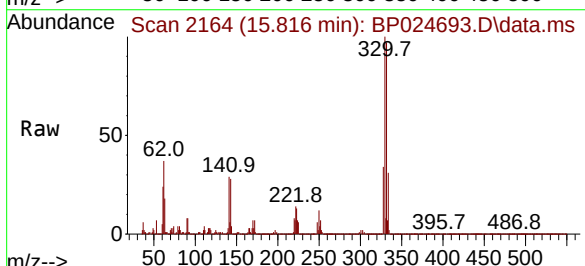
Tgt Ion:330 Resp: 202539

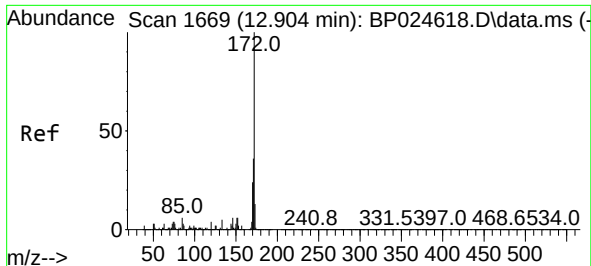
Ion Ratio Lower Upper

330 100

332 96.2 78.2 117.4

141 28.3 24.3 36.5

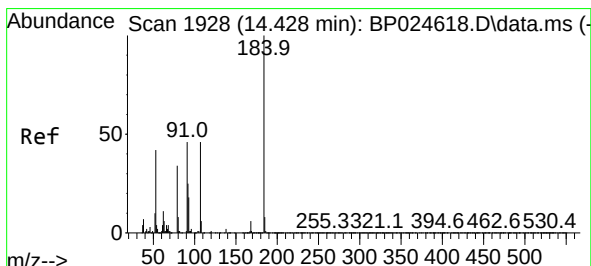
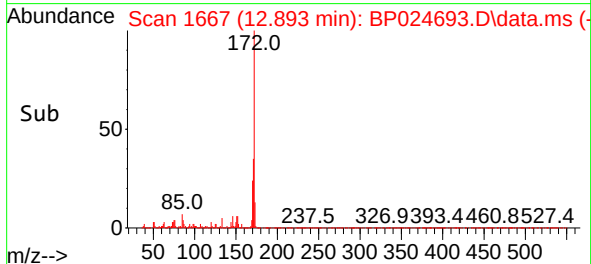
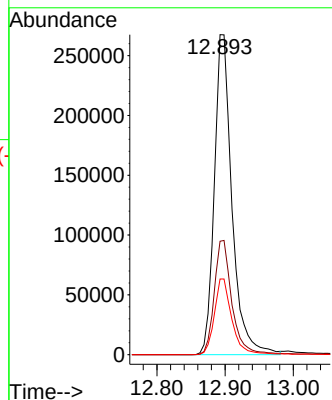
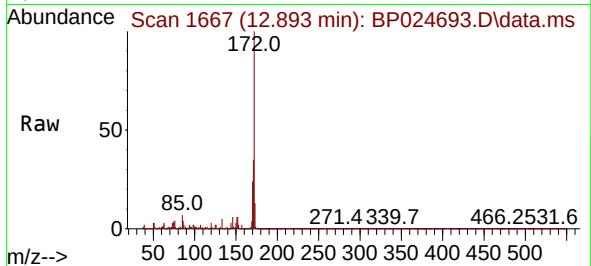




#45
2-Fluorobiphenyl
Concen: 75.681 ng
RT: 12.893 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

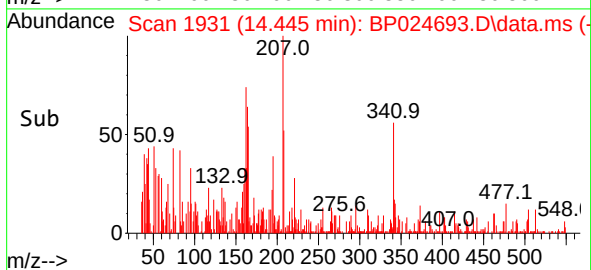
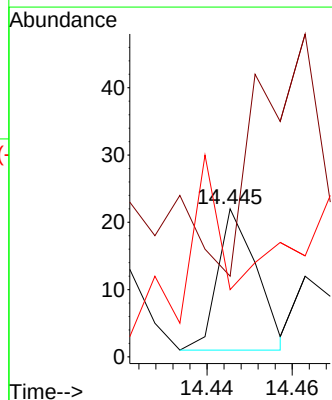
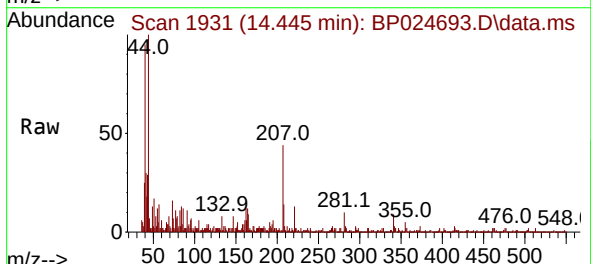
Instrument :
BNA_P
ClientSampleId :

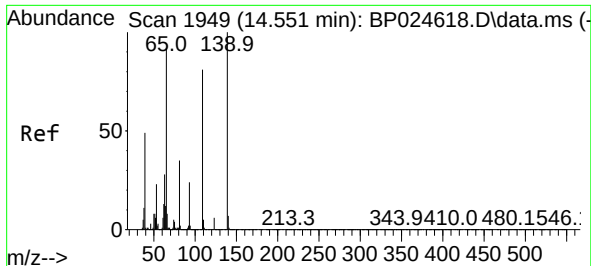
Tgt Ion:172 Resp: 482793
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.7 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.415 ng
RT: 14.445 min Scan# 1931
Delta R.T. 0.017 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

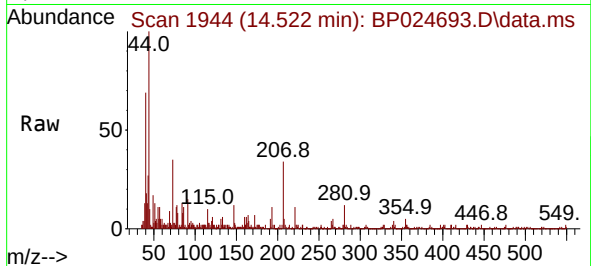
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 54.5 51.3 76.9
154 54.5 53.5 80.3



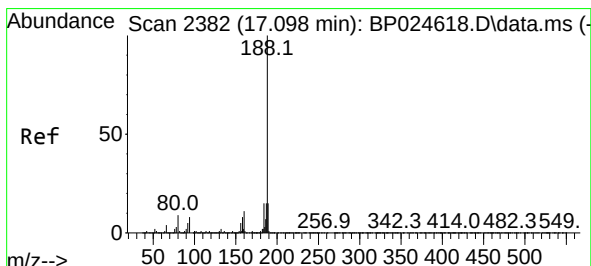
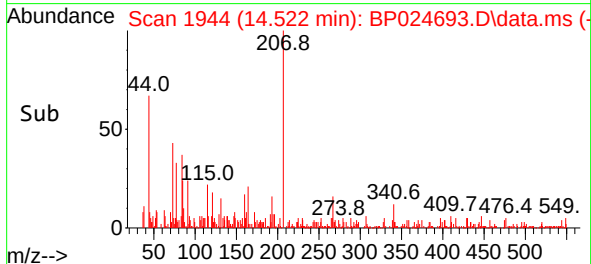
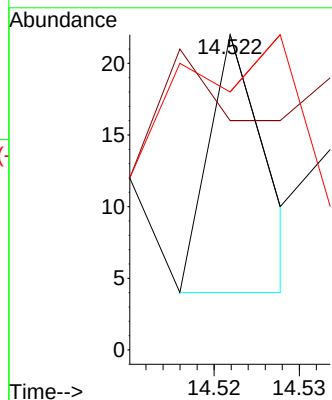


#56
4-Nitrophenol
Concen: 4.240 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.029 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

Instrument :
BNA_P
ClientSampleId :

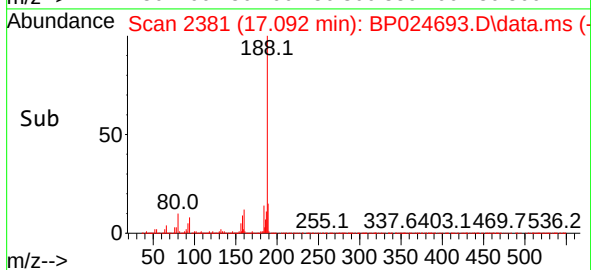
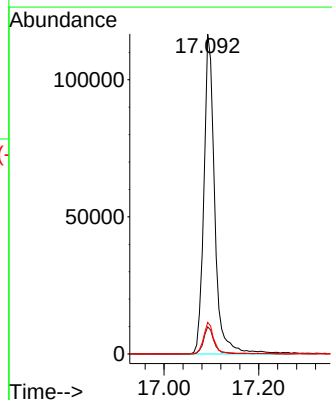
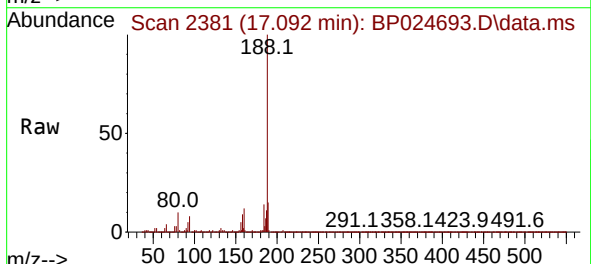


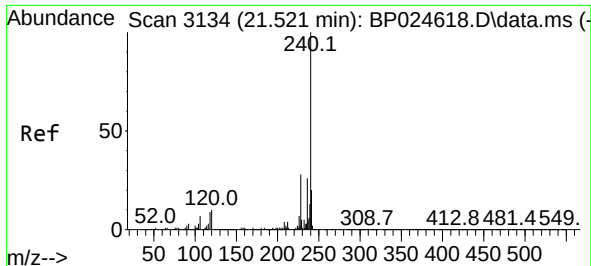
Tgt Ion:139 Resp: 8
Ion Ratio Lower Upper
139 100
109 72.7 61.4 101.4
65 81.8 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

Tgt Ion:188 Resp: 185185
Ion Ratio Lower Upper
188 100
94 8.4 6.5 9.7
80 9.8 7.3 10.9

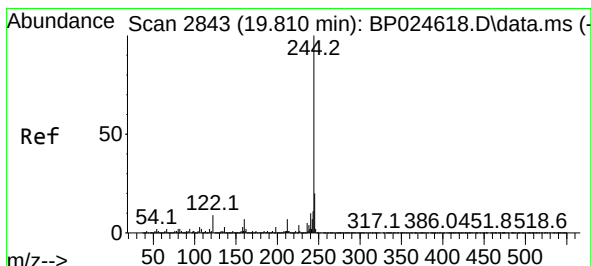
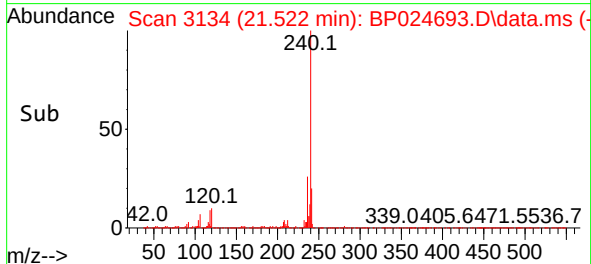
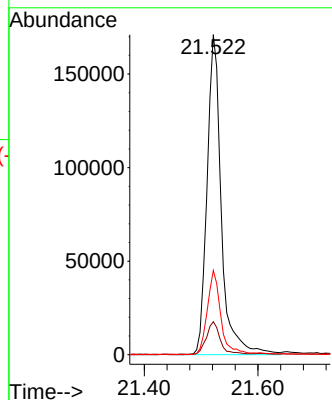
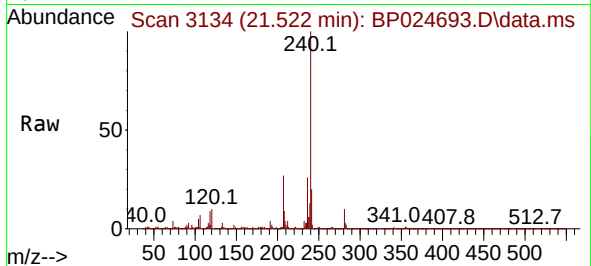




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

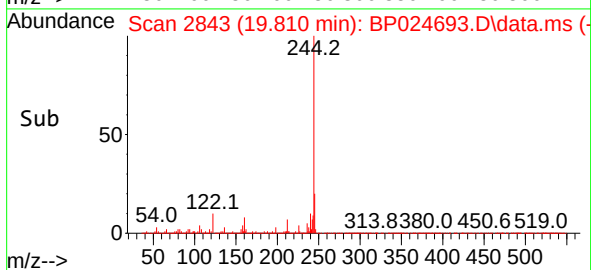
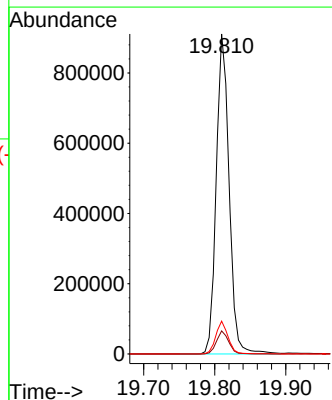
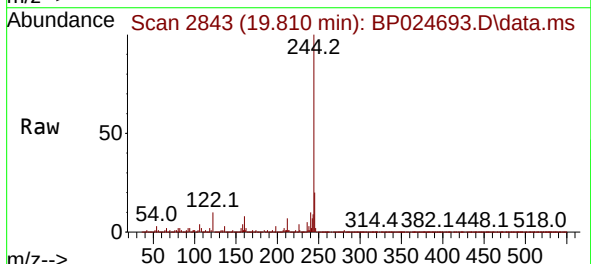
Instrument :
BNA_P
ClientSampleId :

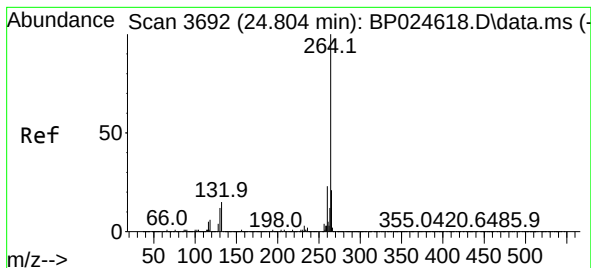
Tgt Ion:240 Resp: 297520
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.6
236 26.3 20.6 31.0



#79
Terphenyl-d14
Concen: 65.810 ng
RT: 19.810 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BP024693.D
Acq: 19 May 2025 17:38

Tgt Ion:244 Resp: 1141889
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 10.2 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.815 min Scan# 30

Delta R.T. 0.012 min

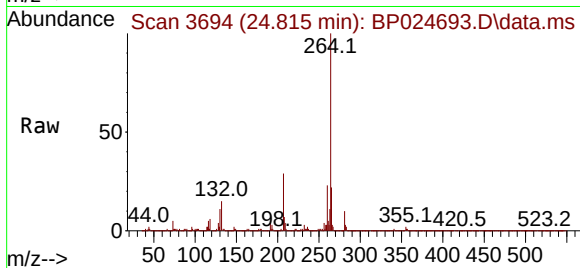
Lab File: BP024693.D

Acq: 19 May 2025 17:38

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:264 Resp: 498129

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.5 17.0 25.6

