

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024799.D
 Acq On : 23 May 2025 19:11
 Operator : RC/JU
 Sample : Q2094-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-5

Quant Time: May 24 00:03:42 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)

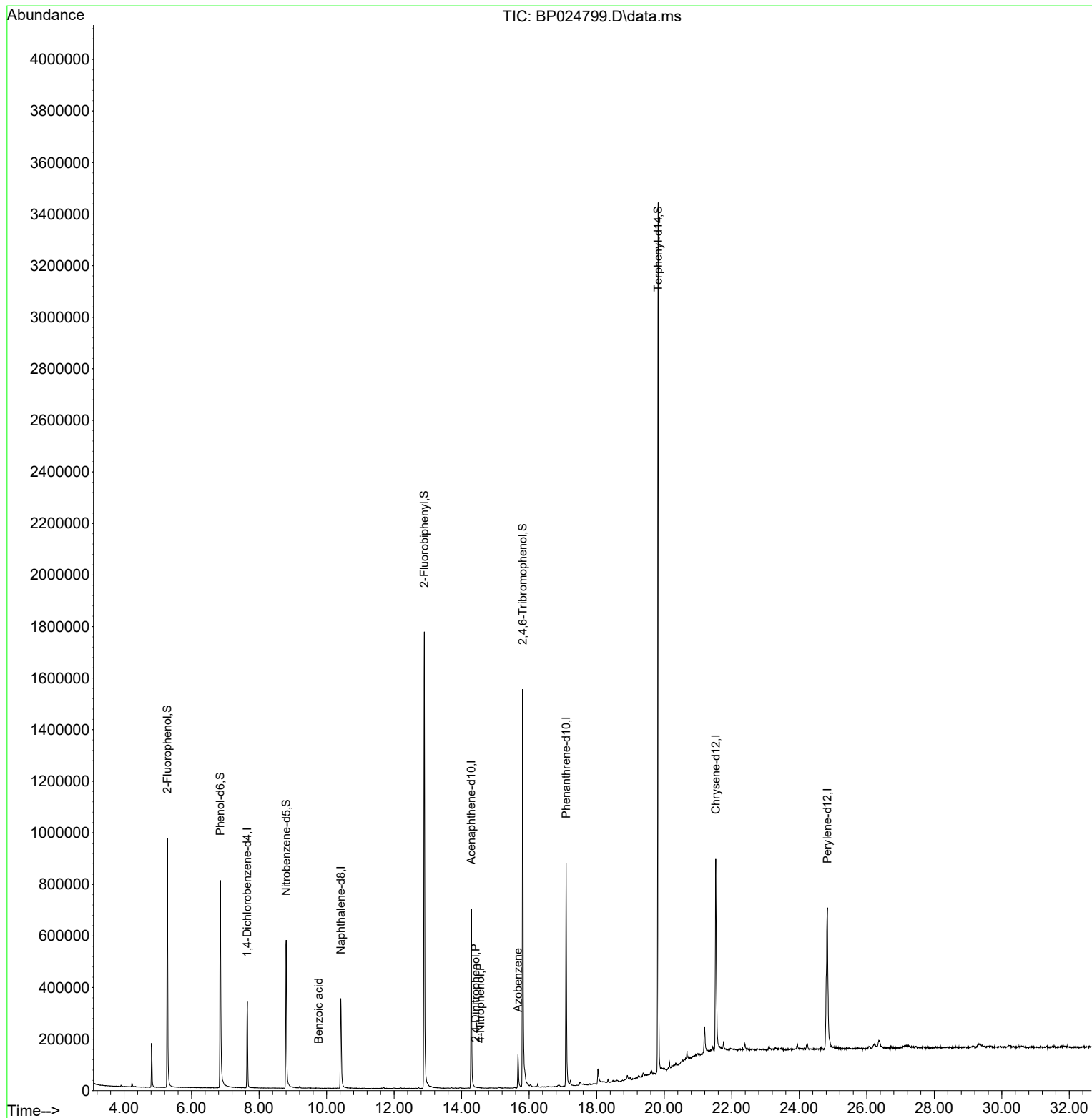
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	96073	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	382863	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	270117	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	554539	20.000	ng	0.00
76) Chrysene-d12	21.527	240	608294	20.000	ng	0.00
86) Perylene-d12	24.833	264	735620	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	459608	81.823	ng	0.00
7) Phenol-d6	6.852	99	582305	81.226	ng	0.00
23) Nitrobenzene-d5	8.804	82	370843	48.940	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	439445	95.964	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1076239	52.200	ng	-0.01
79) Terphenyl-d14	19.822	244	2030749	57.244	ng	0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.763	122	34	7.475	ng	# 1
54) 2,4-Dinitrophenol	14.410	184	13	6.405	ng	# 30
56) 4-Nitrophenol	14.551	139	33	4.242	ng	83
63) Azobenzene	15.669	77	47294	2.657	ng	# 1

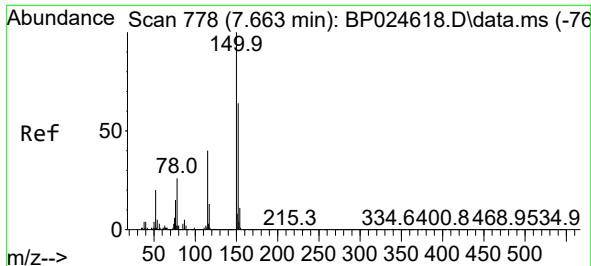
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024799.D
Acq On : 23 May 2025 19:11
Operator : RC/JU
Sample : Q2094-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

Quant Time: May 24 00:03:42 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

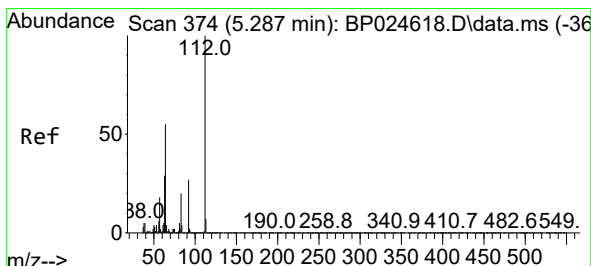
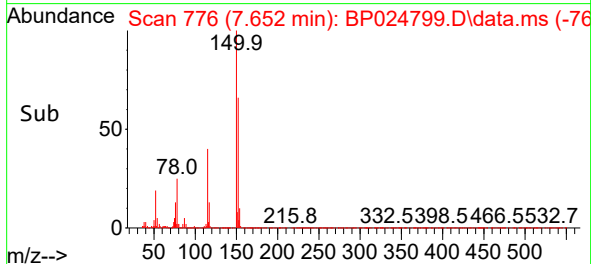
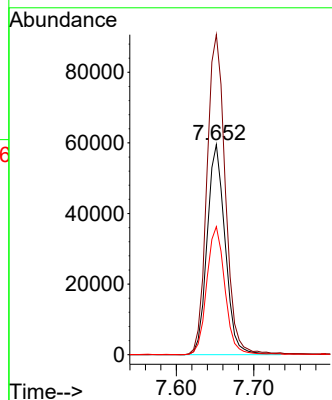
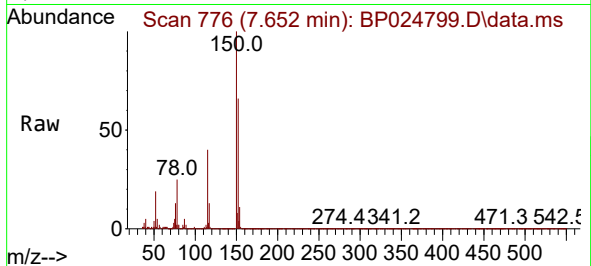




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

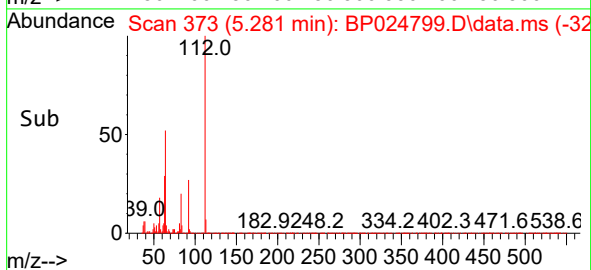
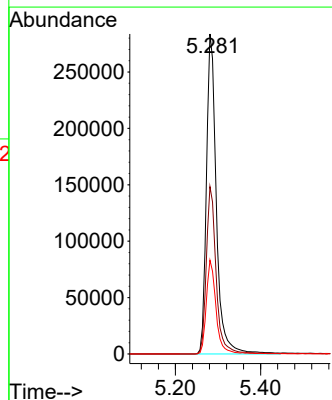
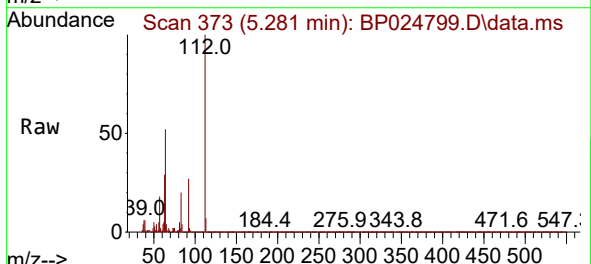
Instrument :
BNA_P
ClientSampleId :
COMP-5

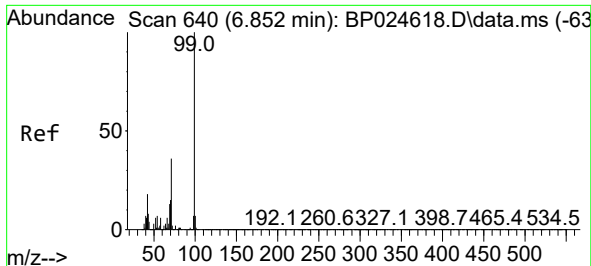
Tgt Ion:152 Resp: 96073
Ion Ratio Lower Upper
152 100
150 152.4 125.9 188.9
115 61.0 50.1 75.1



#5
2-Fluorophenol
Concen: 81.823 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

Tgt Ion:112 Resp: 459608
Ion Ratio Lower Upper
112 100
64 52.3 44.1 66.1
63 29.3 23.5 35.3

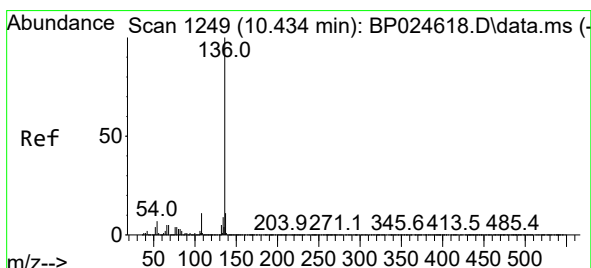
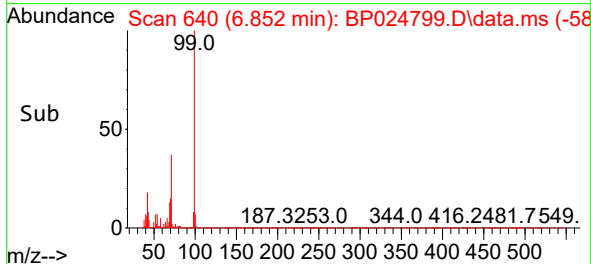
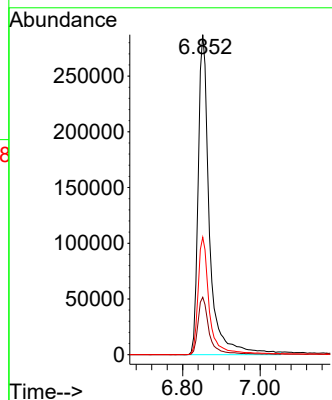
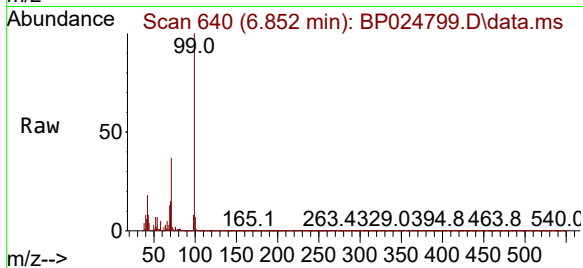




#7
Phenol-d6
Concen: 81.226 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

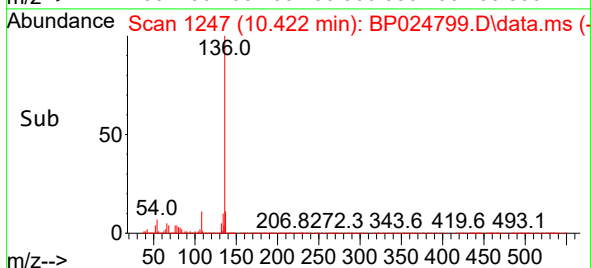
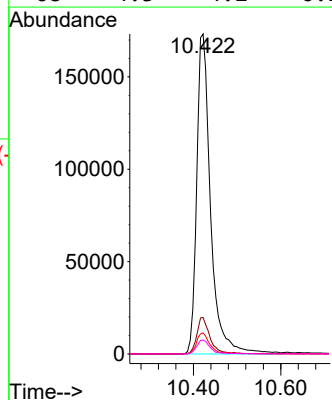
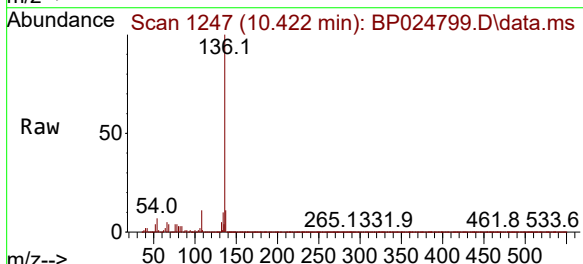
Instrument :
BNA_P
ClientSampleId :
COMP-5

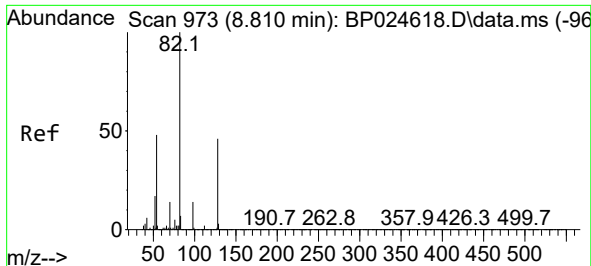
Tgt Ion: 99 Resp: 582305
Ion Ratio Lower Upper
99 100
42 17.9 14.4 21.6
71 36.7 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

Tgt Ion: 136 Resp: 382863
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.6 5.5 8.3
68 4.3 4.2 6.2

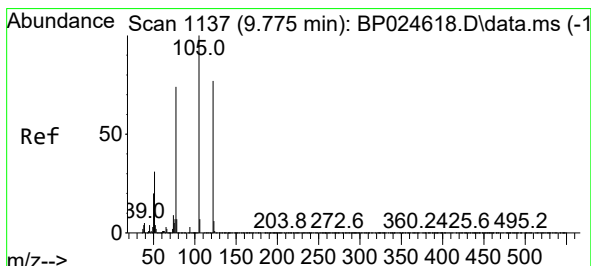
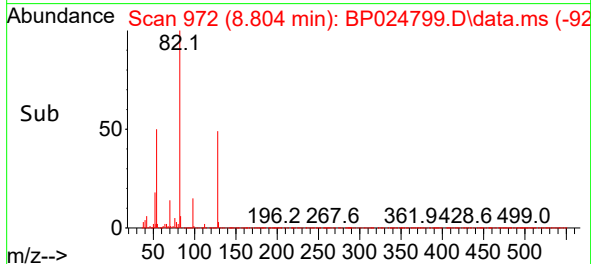
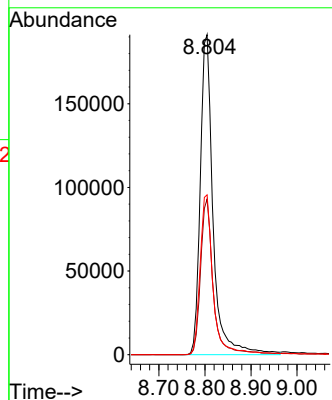
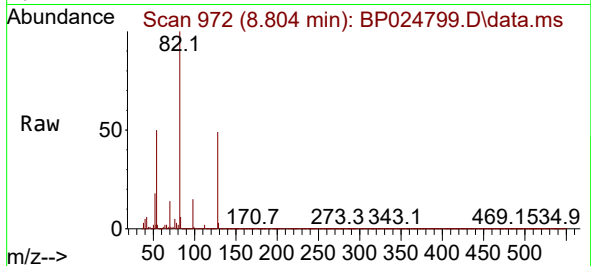




#23
Nitrobenzene-d5
Concen: 48.940 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

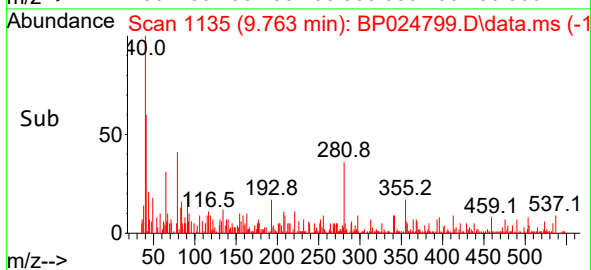
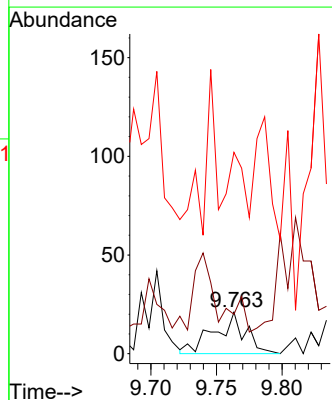
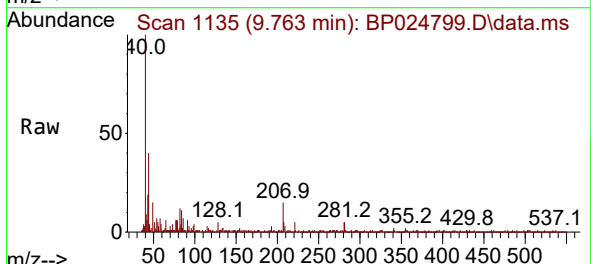
Instrument :
BNA_P
ClientSampleId :
COMP-5

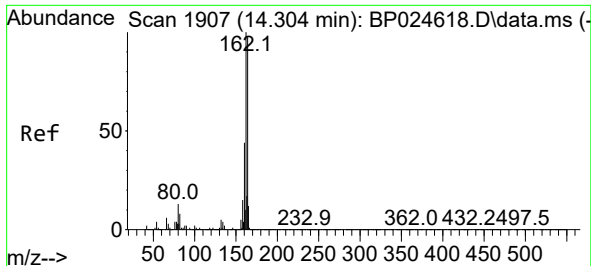
Tgt Ion: 82 Resp: 370843
Ion Ratio Lower Upper
82 100
128 48.6 37.0 55.4
54 50.0 38.7 58.1



#32
Benzoic acid
Concen: 7.475 ng
RT: 9.763 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

Tgt Ion: 122 Resp: 34
Ion Ratio Lower Upper
122 100
105 95.2 106.9 146.9#
77 485.7 75.1 115.1#

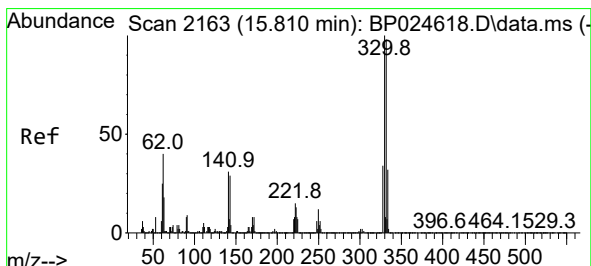
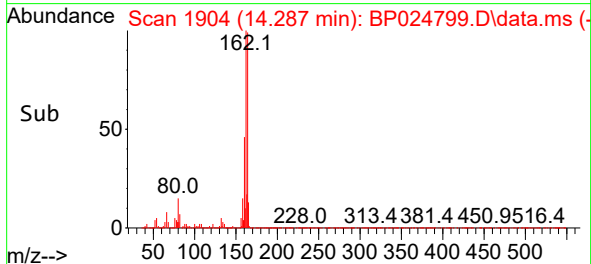
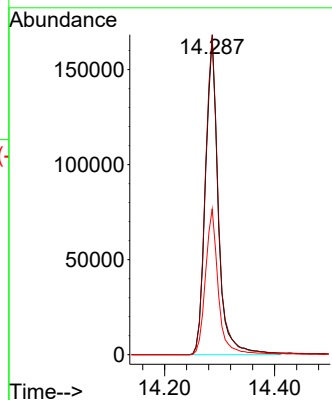
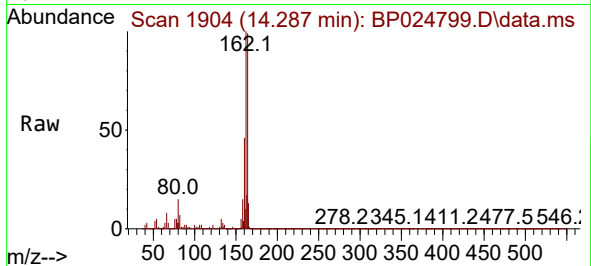




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

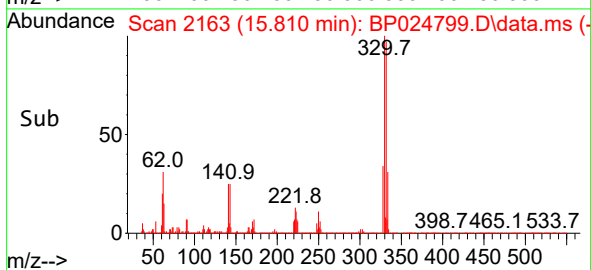
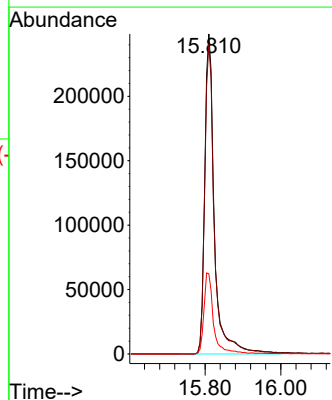
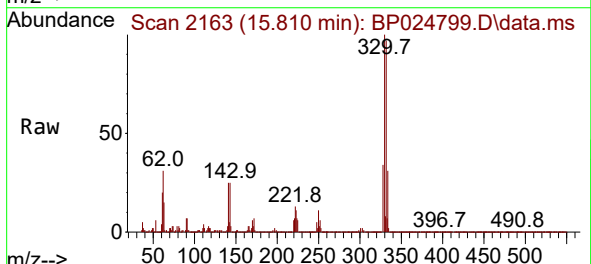
Instrument :
BNA_P
ClientSampleId :
COMP-5

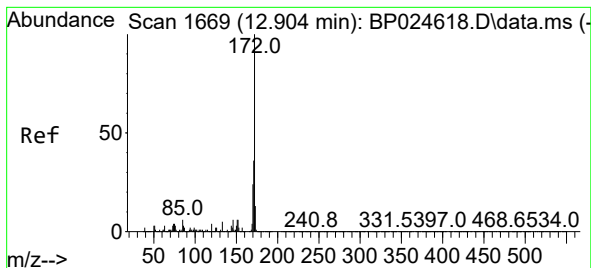
Tgt Ion:164 Resp: 270117
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.6
160 46.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 95.964 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

Tgt Ion:330 Resp: 439445
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 25.0 24.3 36.5

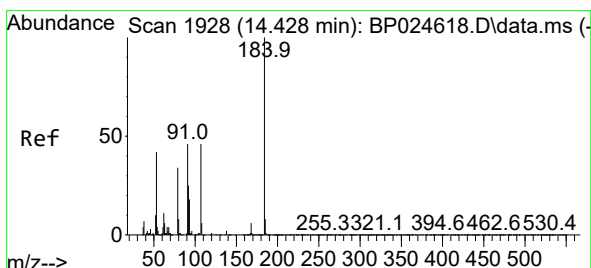
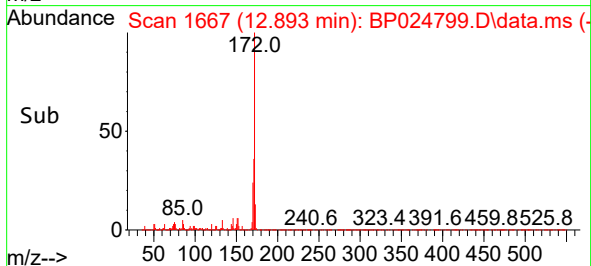
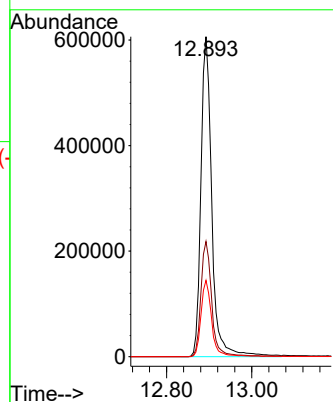
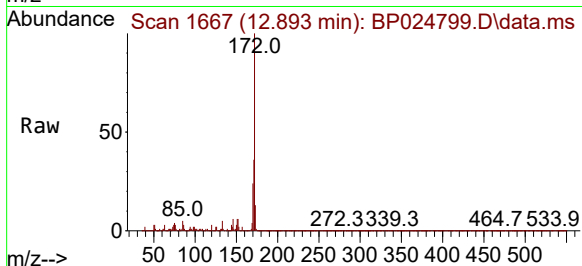




#45
2-Fluorobiphenyl
Concen: 52.200 ng
RT: 12.893 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

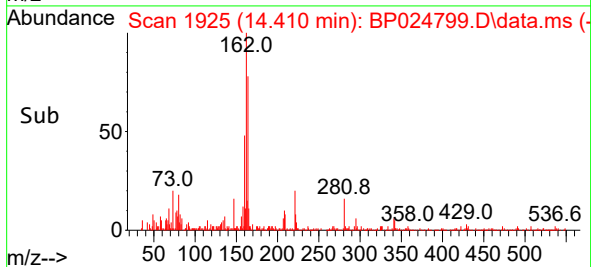
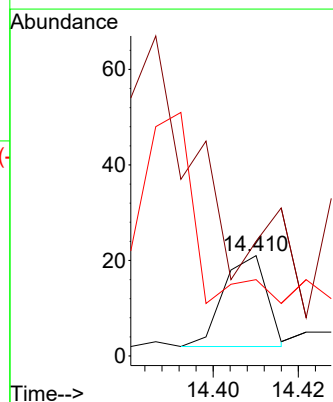
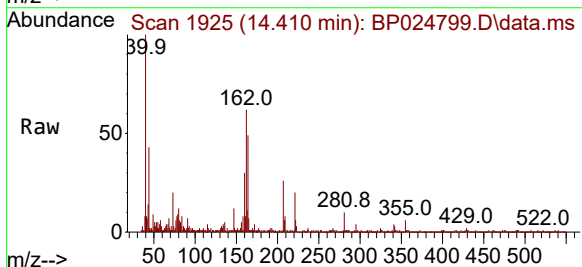
Instrument :
BNA_P
ClientSampleId :
COMP-5

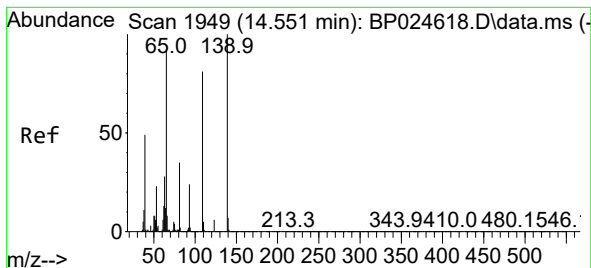
Tgt Ion:172 Resp: 1076239
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.9 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.405 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.018 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 166.7 51.3 76.9#
154 76.2 53.5 80.3

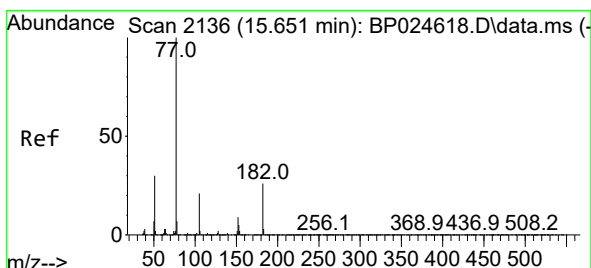
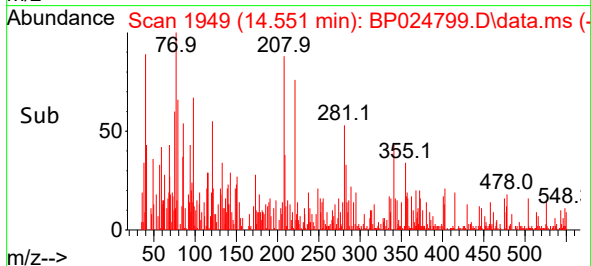
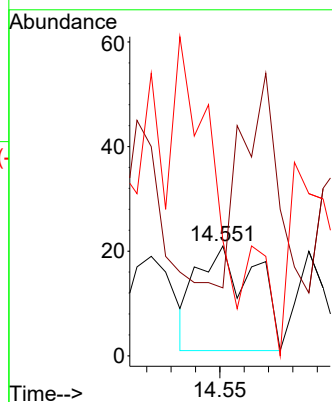
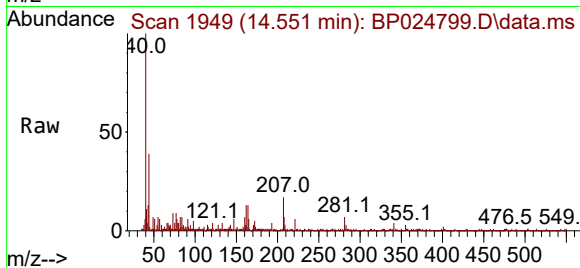




#56
4-Nitrophenol
Concen: 4.242 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

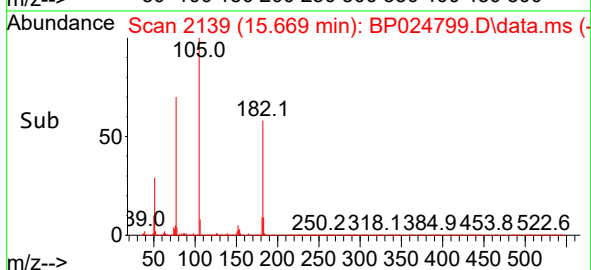
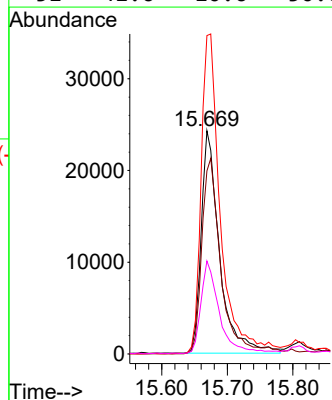
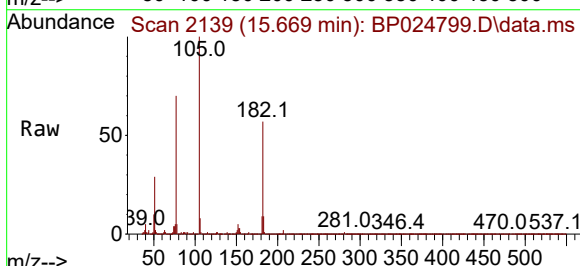
Instrument :
BNA_P
ClientSampleId :
COMP-5

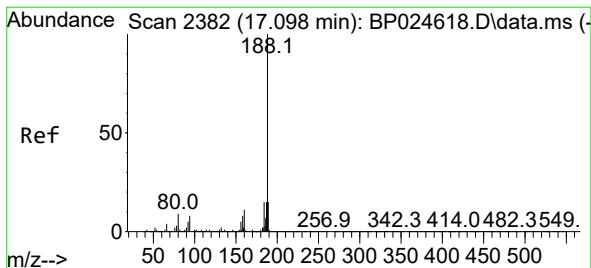
Tgt Ion:	139	Resp:	33
Ion	Ratio	Lower	Upper
139	100		
109	61.9	61.4	101.4
65	104.8	72.2	112.2



#63
Azobenzene
Concen: 2.657 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.018 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

Tgt Ion:	77	Resp:	47294
Ion	Ratio	Lower	Upper
77	100		
182	82.0	5.7	45.7#
105	142.7	1.3	41.3#
51	41.6	10.6	50.6

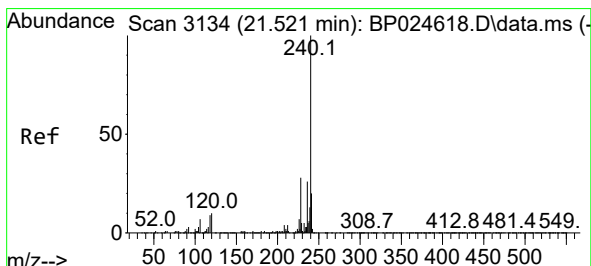
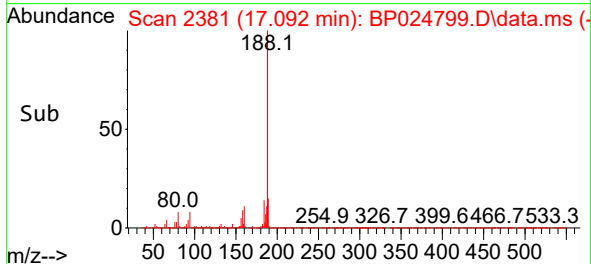
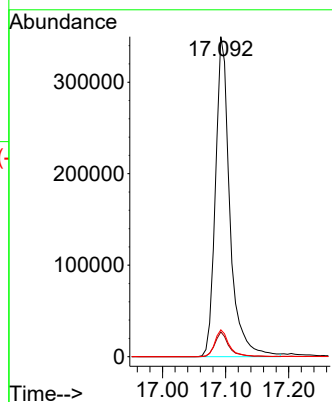
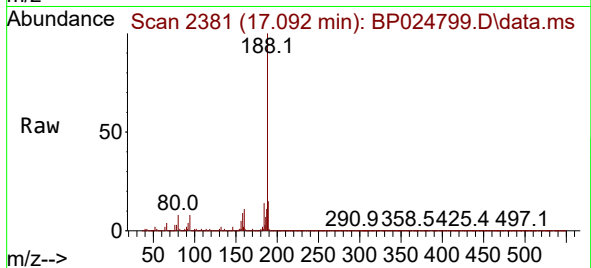




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

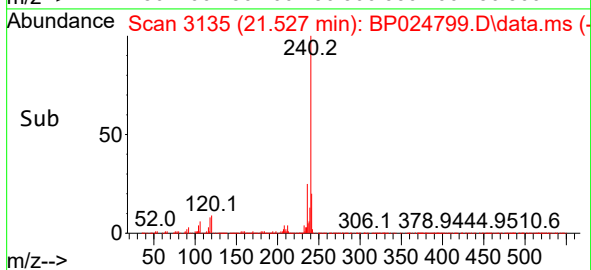
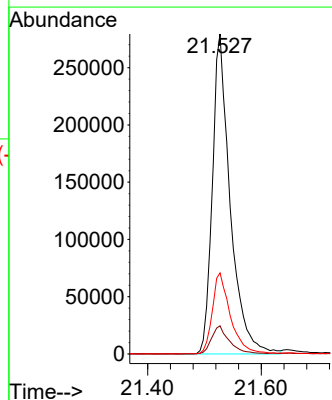
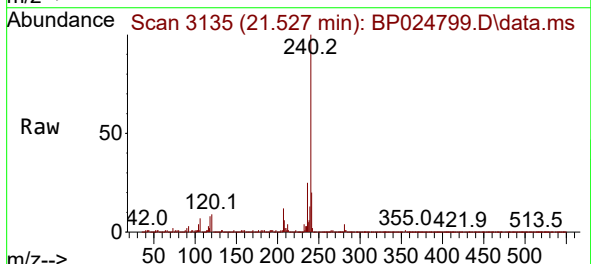
Instrument :
BNA_P
ClientSampleId :
COMP-5

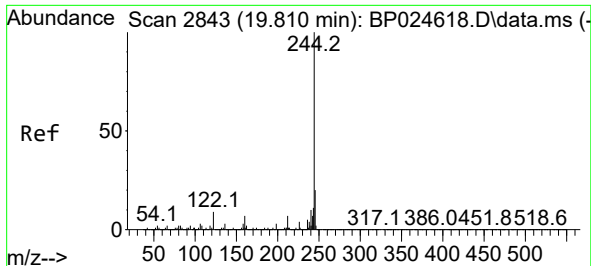
Tgt Ion:188 Resp: 554539
Ion Ratio Lower Upper
188 100
94 7.8 6.5 9.7
80 8.4 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

Tgt Ion:240 Resp: 608294
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 25.3 20.6 31.0

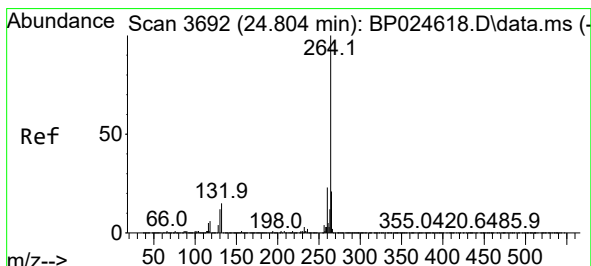
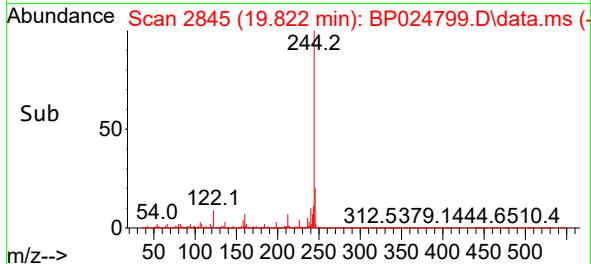
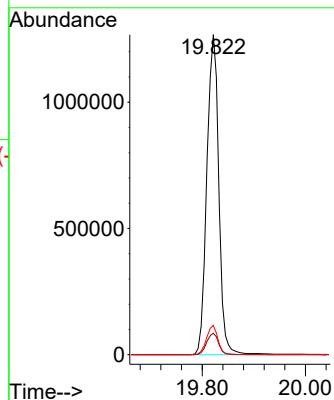
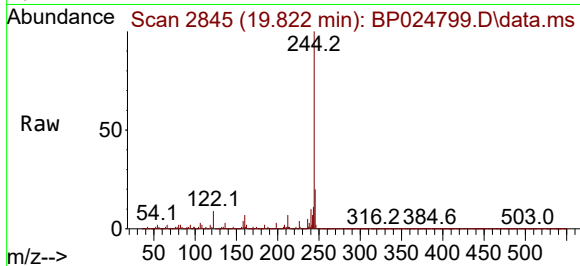




#79
 Terphenyl-d14
 Concen: 57.244 ng
 RT: 19.822 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP024799.D
 Acq: 23 May 2025 19:11

Instrument :
 BNA_P
 ClientSampleId :
 COMP-5

Tgt Ion:244 Resp: 2030749
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 9.2 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.833 min Scan# 3697
 Delta R.T. 0.029 min
 Lab File: BP024799.D
 Acq: 23 May 2025 19:11

Tgt Ion:264 Resp: 735620
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.8 17.0 25.6

