

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024715.D
 Acq On : 20 May 2025 20:02
 Operator : RC/JU
 Sample : Q2064-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RW8-SP303-90-20250514

Quant Time: May 21 01:26:31 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)

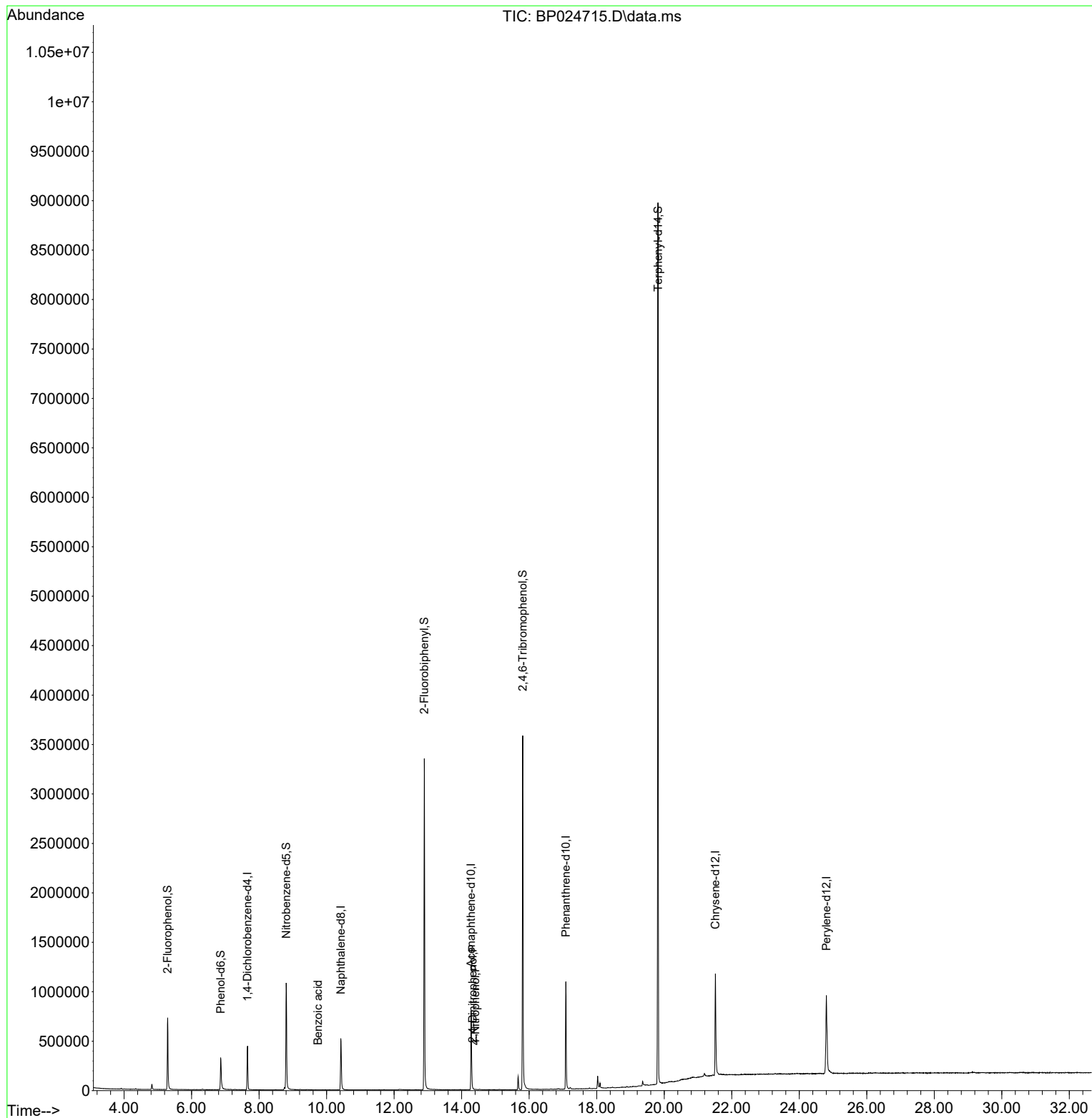
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	121733	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	471667	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	308901	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	630051	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	688875	20.000	ng	0.00
86) Perylene-d12	24.804	264	813486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	345450	48.536	ng	0.00
7) Phenol-d6	6.863	99	240629	26.490	ng	0.01
23) Nitrobenzene-d5	8.805	82	625798	67.037	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	833720	159.205	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1691360	71.735	ng	-0.01
79) Terphenyl-d14	19.816	244	3841045	95.608	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.746	122	24	7.472	ng	# 1
54) 2,4-Dinitrophenol	14.328	184	15	6.405	ng	84
56) 4-Nitrophenol	14.404	139	30	4.241	ng	84

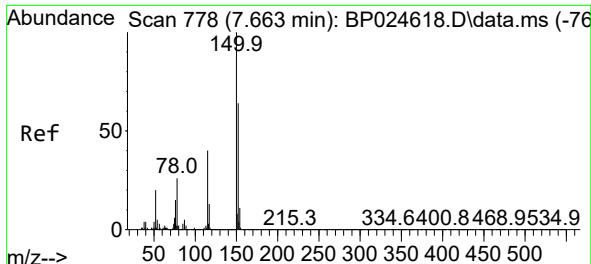
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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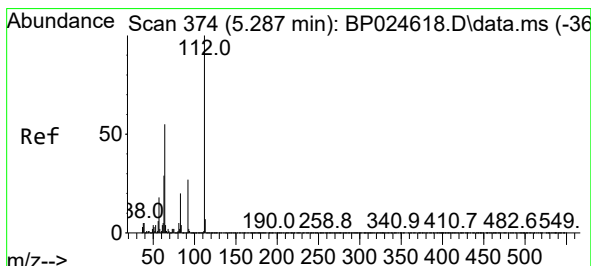
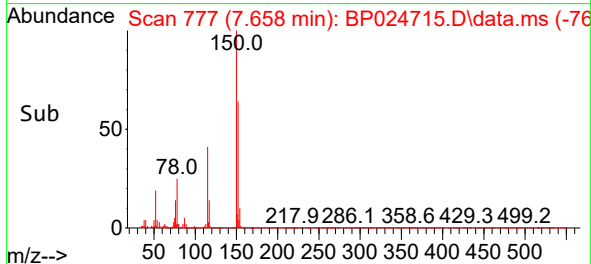
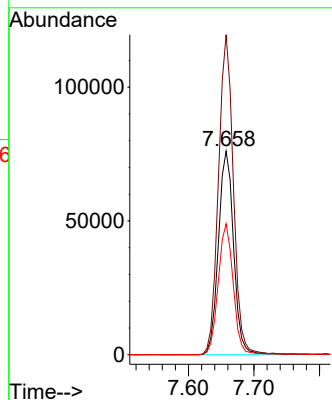
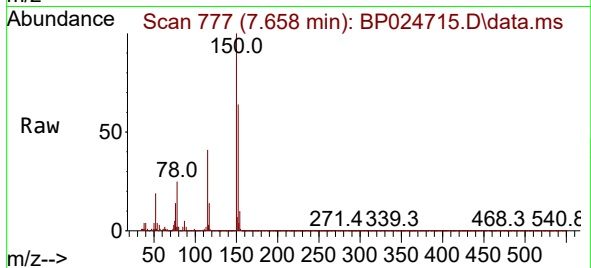




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024715.D
Acq: 20 May 2025 20:02

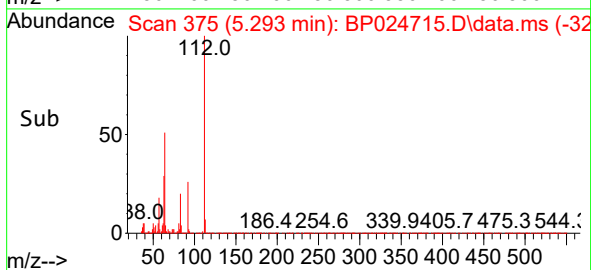
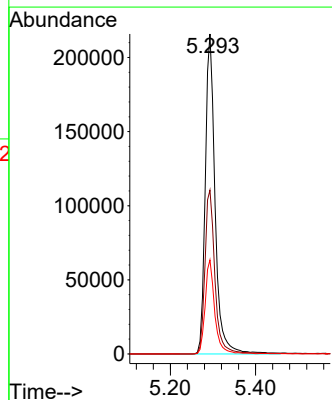
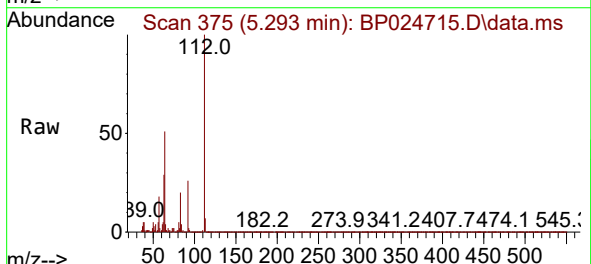
Instrument :
BNA_P
ClientSampleId :
RW8-SP303-90-20250514

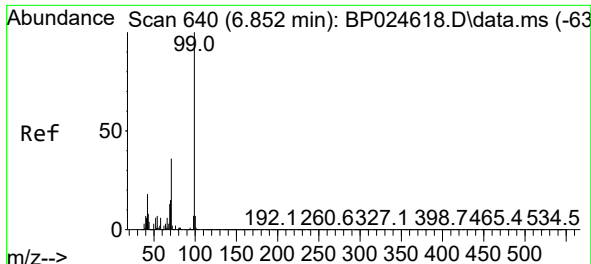
Tgt Ion:152 Resp: 121733
Ion Ratio Lower Upper
152 100
150 157.3 125.9 188.9
115 64.3 50.1 75.1



#5
2-Fluorophenol
Concen: 48.536 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024715.D
Acq: 20 May 2025 20:02

Tgt Ion:112 Resp: 345450
Ion Ratio Lower Upper
112 100
64 51.2 44.1 66.1
63 29.4 23.5 35.3

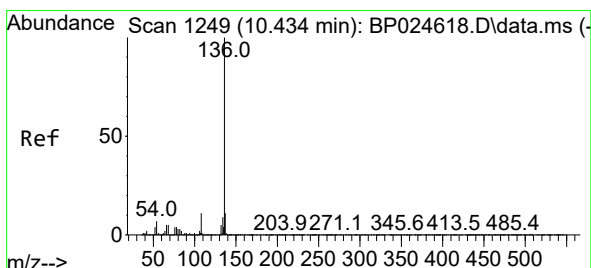
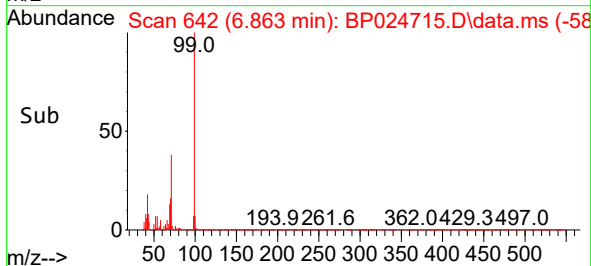
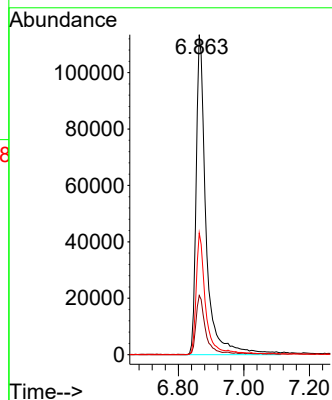
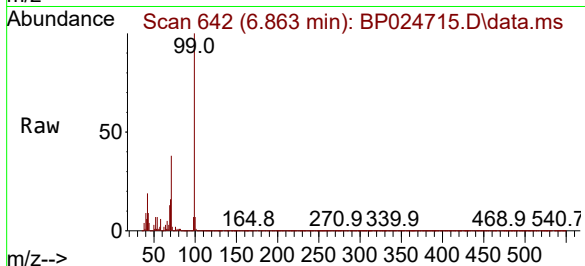




#7
Phenol-d6
Concen: 26.490 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024715.D
Acq: 20 May 2025 20:02

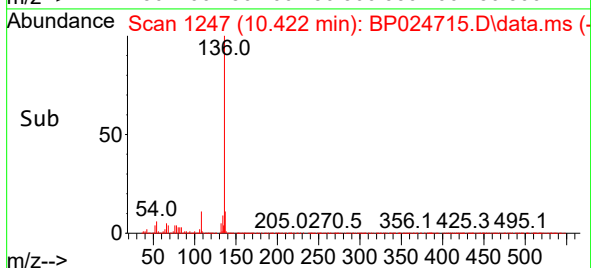
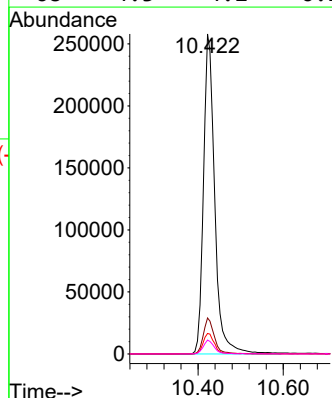
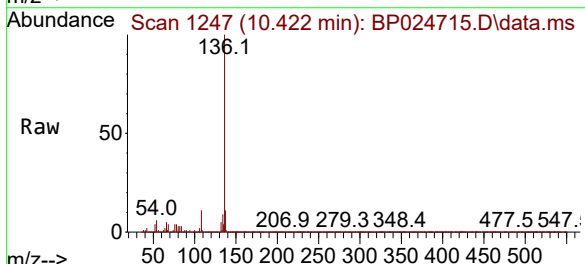
Instrument :
BNA_P
ClientSampleId :
RW8-SP303-90-20250514

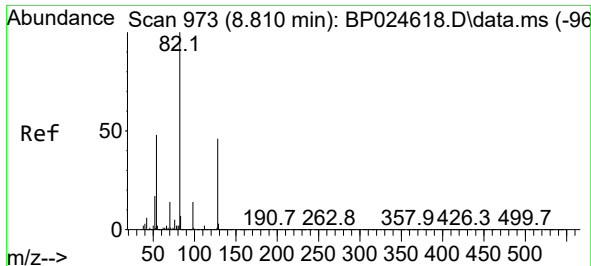
Tgt Ion: 99 Resp: 240629
Ion Ratio Lower Upper
99 100
42 18.5 14.4 21.6
71 38.0 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024715.D
Acq: 20 May 2025 20:02

Tgt Ion:136 Resp: 471667
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.4 5.5 8.3
68 4.3 4.2 6.2

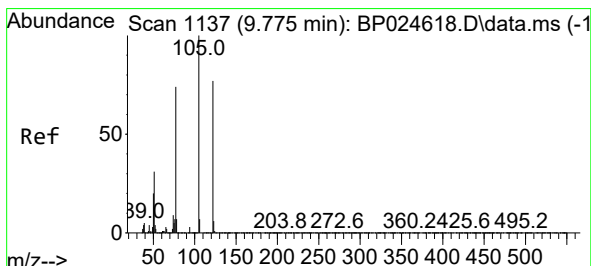
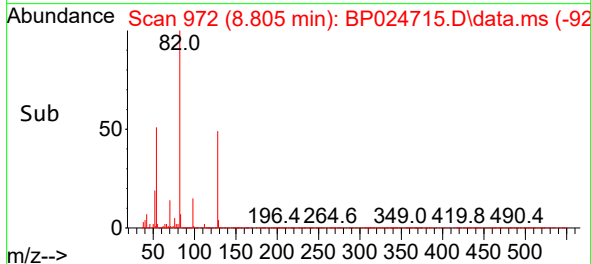
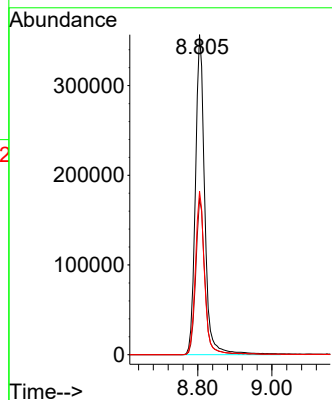
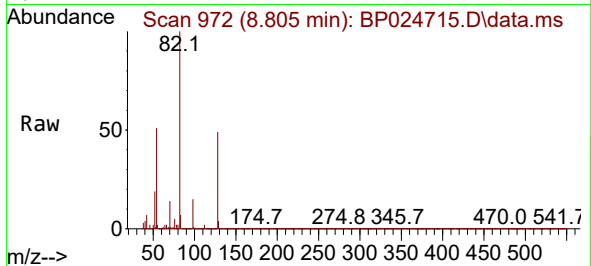




#23
Nitrobenzene-d5
Concen: 67.037 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024715.D
Acq: 20 May 2025 20:02

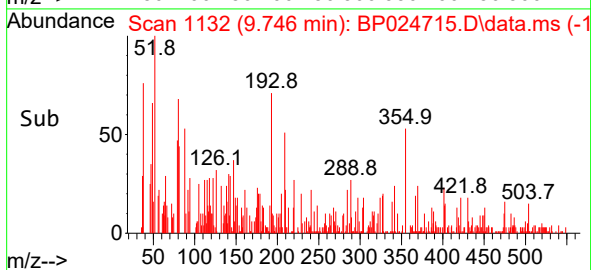
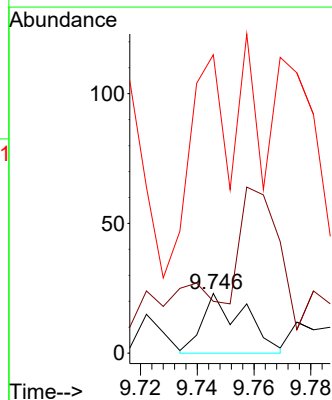
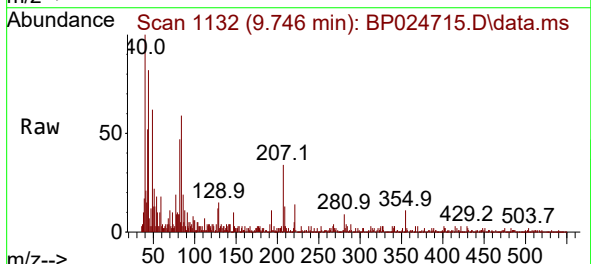
Instrument :
BNA_P
ClientSampleId :
RW8-SP303-90-20250514

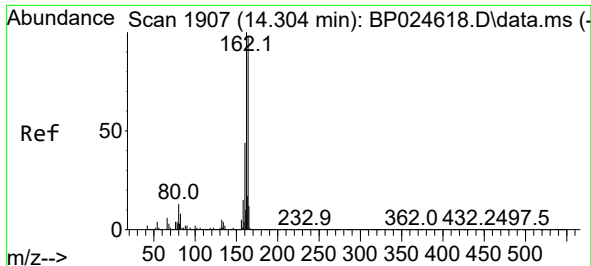
Tgt Ion: 82 Resp: 625798
Ion Ratio Lower Upper
82 100
128 48.7 37.0 55.4
54 51.1 38.7 58.1



#32
Benzoic acid
Concen: 7.472 ng
RT: 9.746 min Scan# 1132
Delta R.T. -0.029 min
Lab File: BP024715.D
Acq: 20 May 2025 20:02

Tgt Ion: 122 Resp: 24
Ion Ratio Lower Upper
122 100
105 87.0 106.9 146.9#
77 500.0 75.1 115.1#

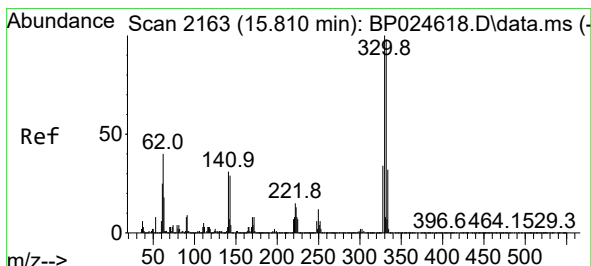
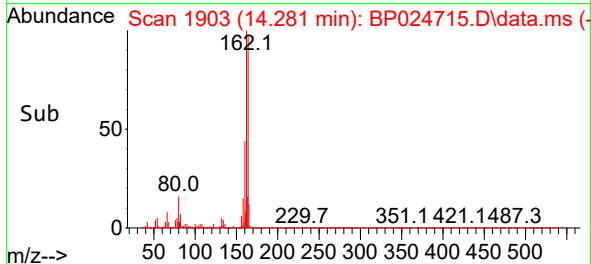
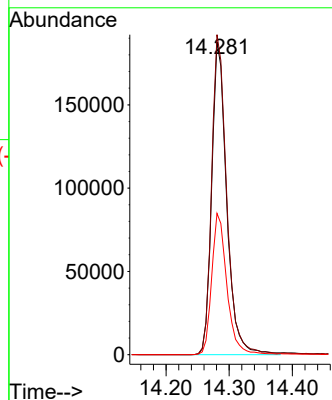
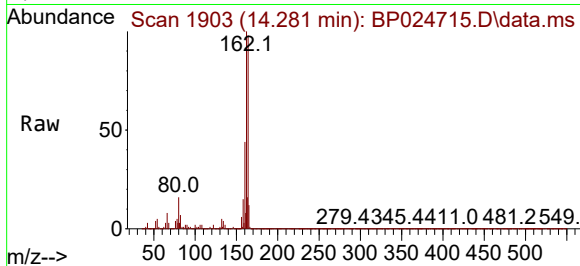




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.024 min
Lab File: BP024715.D
Acq: 20 May 2025 20:02

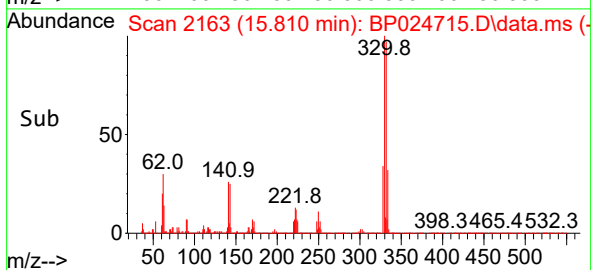
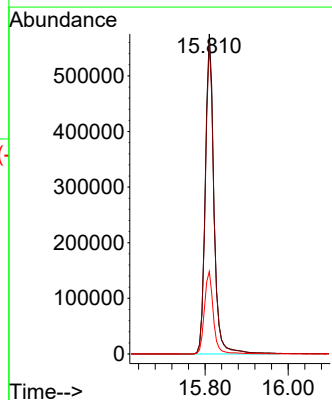
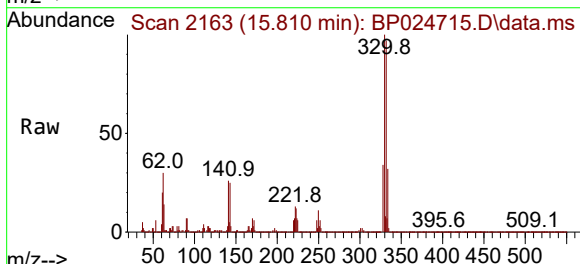
Instrument :
BNA_P
ClientSampleId :
RW8-SP303-90-20250514

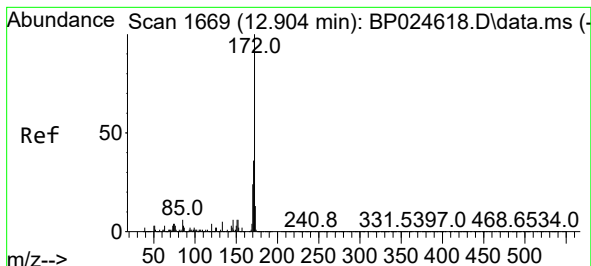
Tgt Ion:164 Resp: 308901
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 45.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 159.205 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024715.D
Acq: 20 May 2025 20:02

Tgt Ion:330 Resp: 833720
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.4
141 26.5 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 71.735 ng

RT: 12.893 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024715.D

Acq: 20 May 2025 20:02

Instrument :

BNA_P

ClientSampleId :

RW8-SP303-90-20250514

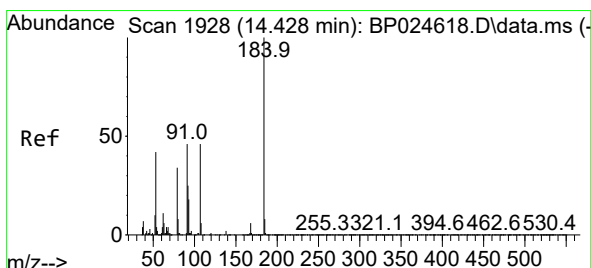
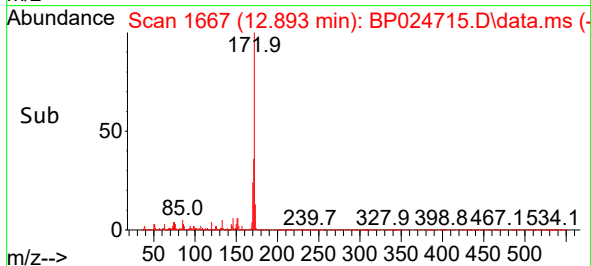
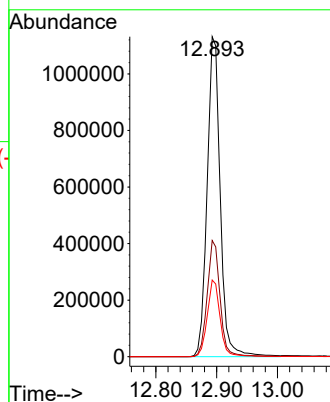
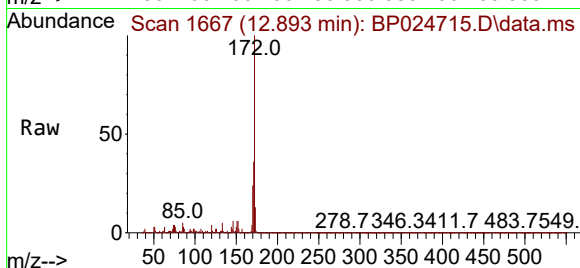
Tgt Ion:172 Resp: 1691360

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.0 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.405 ng

RT: 14.328 min Scan# 1911

Delta R.T. -0.100 min

Lab File: BP024715.D

Acq: 20 May 2025 20:02

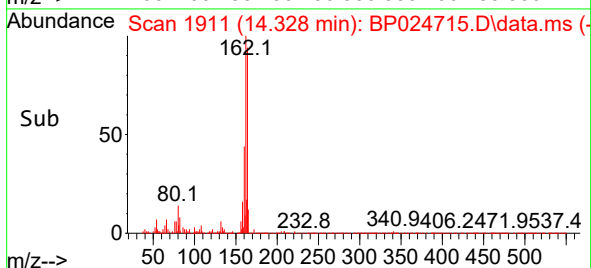
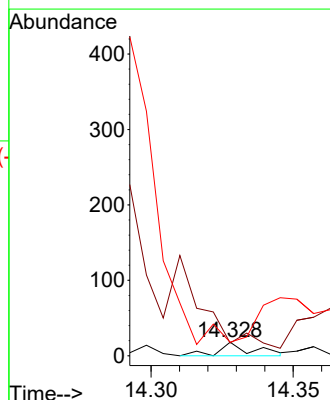
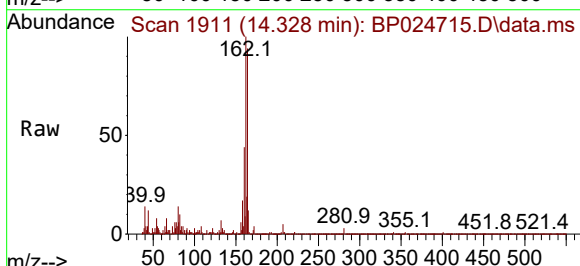
Tgt Ion:184 Resp: 15

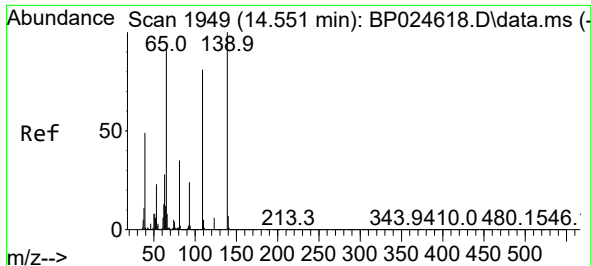
Ion Ratio Lower Upper

184 100

63 51.5 51.3 76.9

154 54.5 53.5 80.3

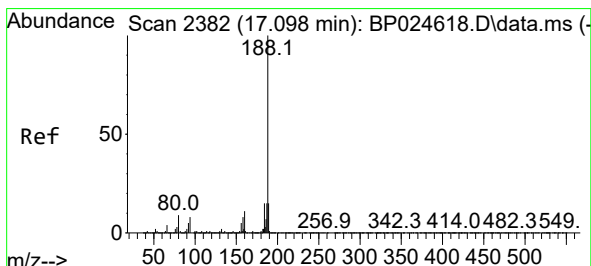
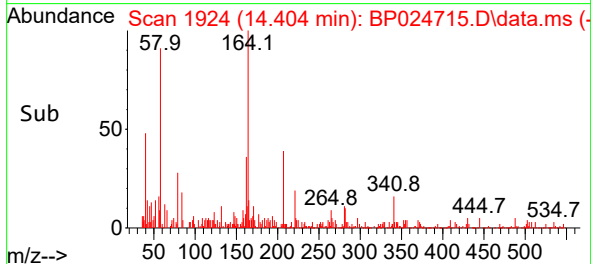
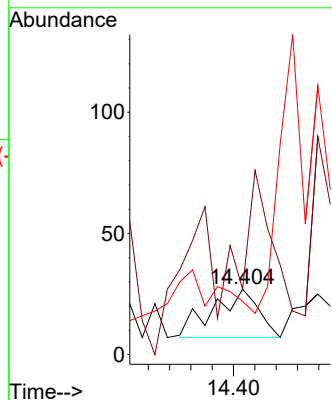
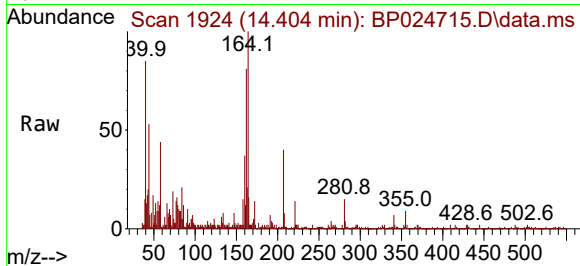




#56
4-Nitrophenol
Concen: 4.241 ng
RT: 14.404 min Scan# 1949
Delta R.T. -0.147 min
Lab File: BP024715.D
Acq: 20 May 2025 20:02

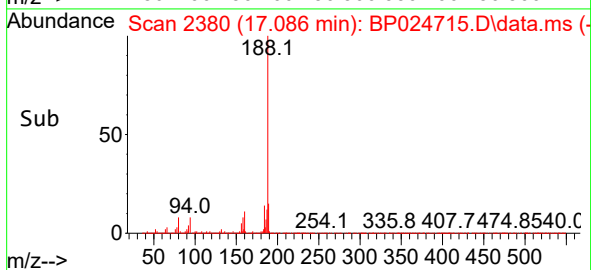
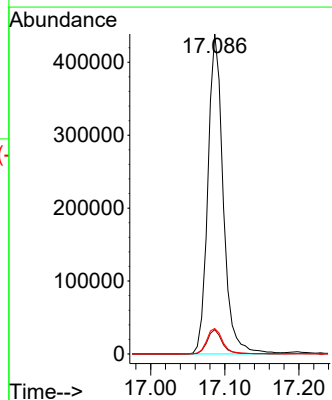
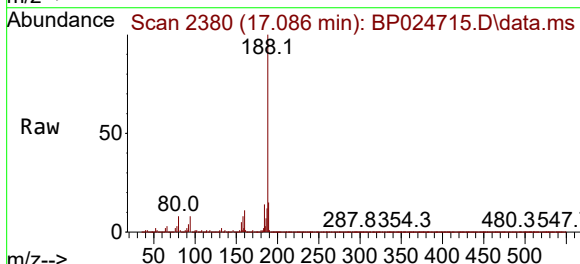
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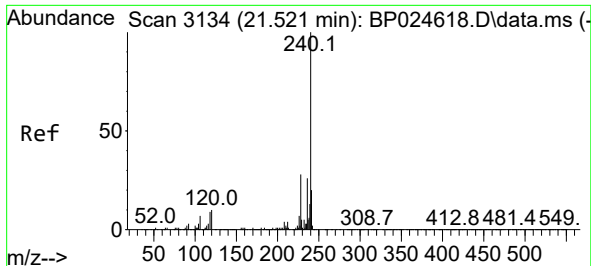
Tgt Ion:139	Resp:	30
Ion	Ratio	Lower Upper
139	100	
109	100.0	61.4 101.4
65	81.5	72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024715.D
Acq: 20 May 2025 20:02

Tgt Ion:188	Resp:	630051
Ion	Ratio	Lower Upper
188	100	
94	7.6	6.5 9.7
80	8.0	7.3 10.9

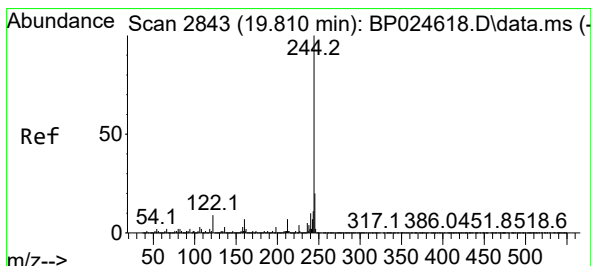
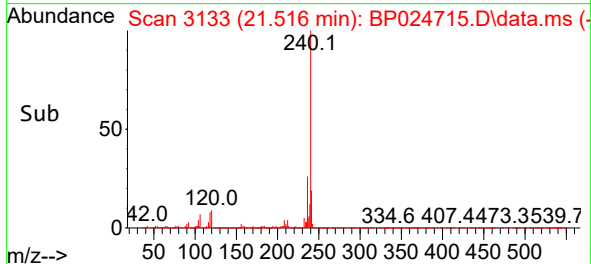
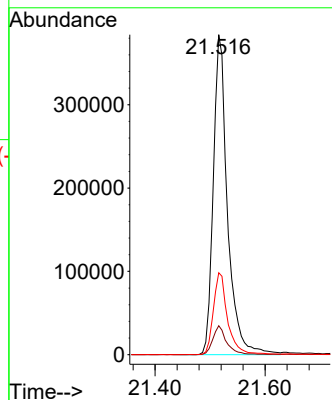
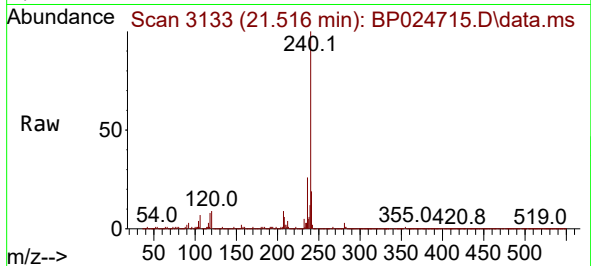




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BP024715.D
Acq: 20 May 2025 20:02

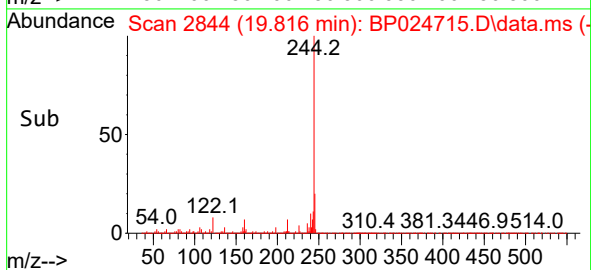
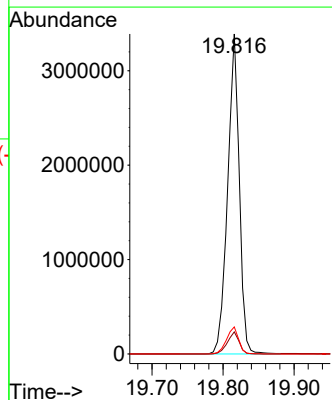
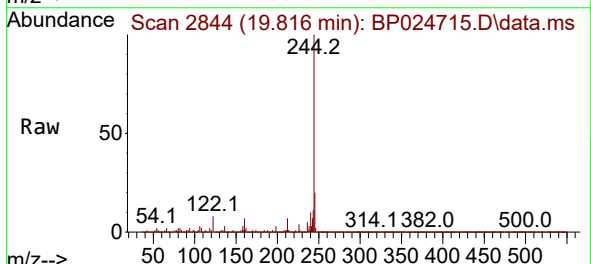
Instrument :
BNA_P
ClientSampleId :
RW8-SP303-90-20250514

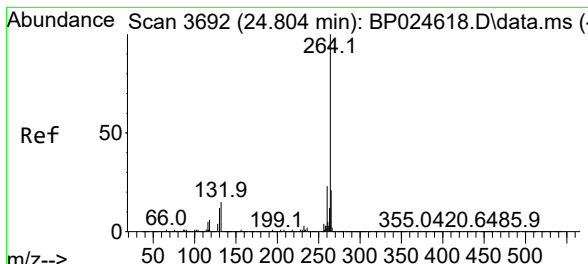
Tgt Ion:240 Resp: 688875
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 25.6 20.6 31.0



#79
Terphenyl-d14
Concen: 95.608 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.006 min
Lab File: BP024715.D
Acq: 20 May 2025 20:02

Tgt Ion:244 Resp: 3841045
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 8.4 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.804 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BP024715.D
 Acq: 20 May 2025 20:02

Instrument :
 BNA_P
 ClientSampleId :
 RW8-SP303-90-20250514

Tgt Ion:	264	Resp:	813486
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.7	28.1
265	21.7	17.0	25.6

