

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091125\
 Data File : BP025723.D
 Acq On : 11 Sep 2025 00:07
 Operator : CG/JU
 Sample : PB169633BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 11 05:23:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 05:18:55 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

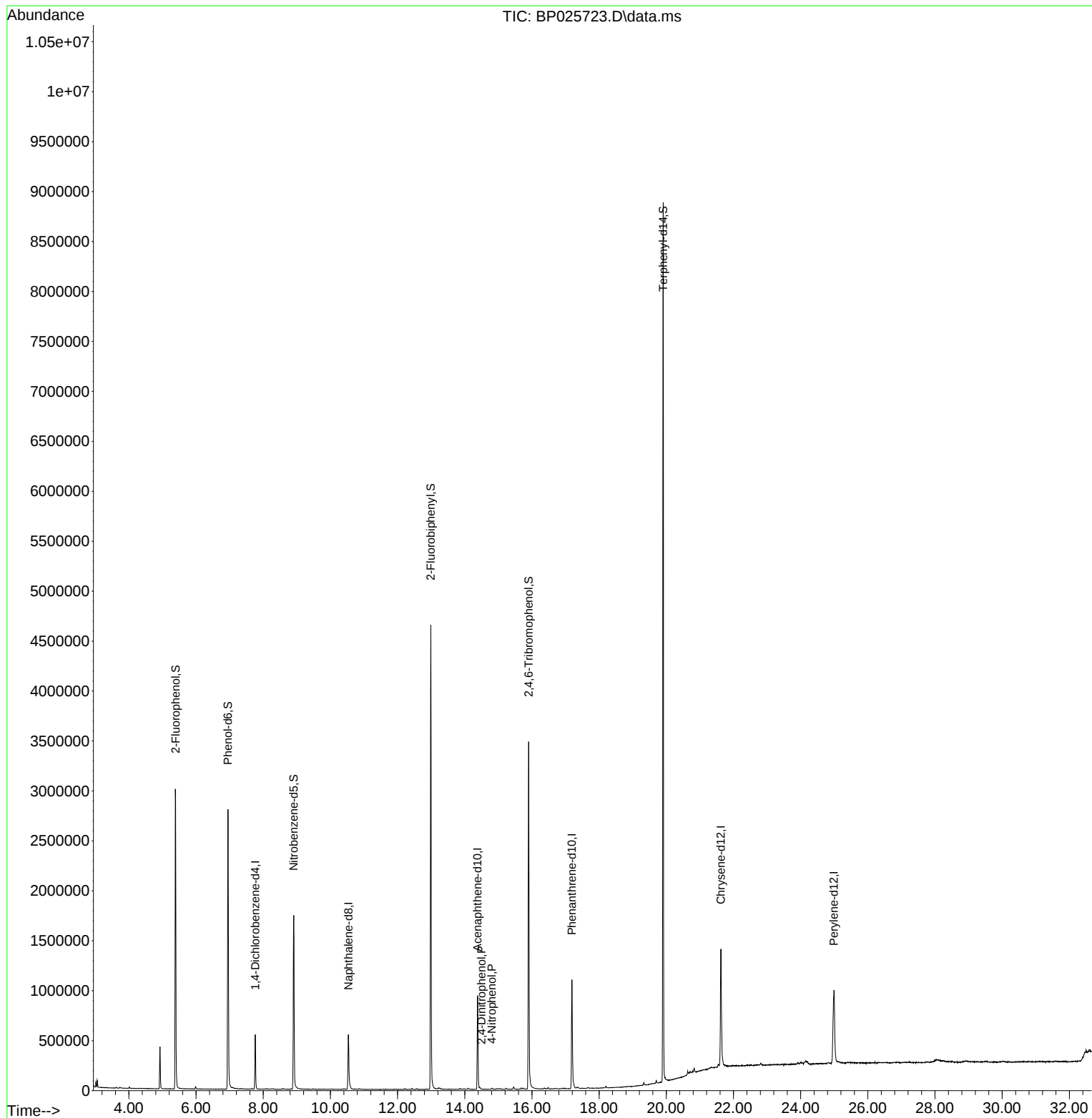
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	141765	20.000	ng	0.00
21) Naphthalene-d8	10.537	136	545649	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	371952	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	820756	20.000	ng	0.01
76) Chrysene-d12	21.624	240	916447	20.000	ng	0.00
86) Perylene-d12	24.989	264	955303	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1295744	149.315	ng	0.00
7) Phenol-d6	6.949	99	1656598	143.506	ng	0.00
23) Nitrobenzene-d5	8.907	82	1102393	90.861	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	692881	149.742	ng	0.00
45) 2-Fluorobiphenyl	12.990	172	2404538	87.495	ng	0.00
79) Terphenyl-d14	19.907	244	4351004	87.216	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.501	184	26	4.500	ng	# 1
56) 4-Nitrophenol	14.801	139	3492	4.396	ng	# 8

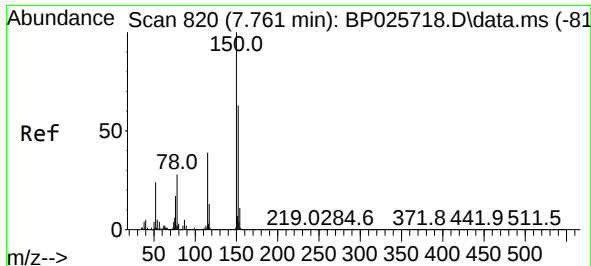
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091125\
Data File : BP025723.D
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Operator : CG/JU
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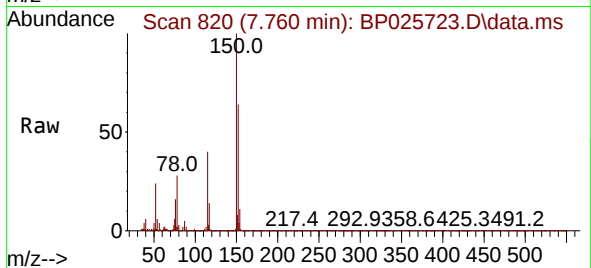
Quant Time: Sep 11 05:23:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 05:18:55 2025
Response via : Initial Calibration



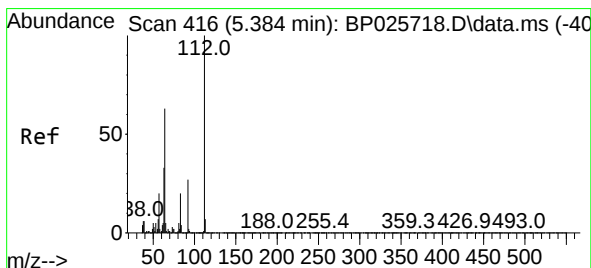
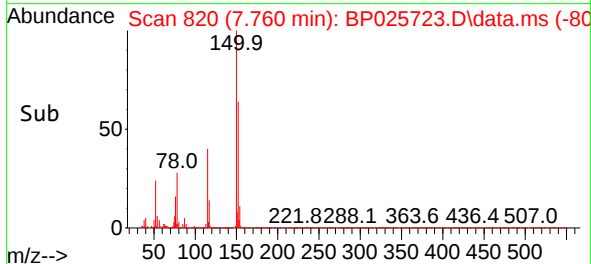
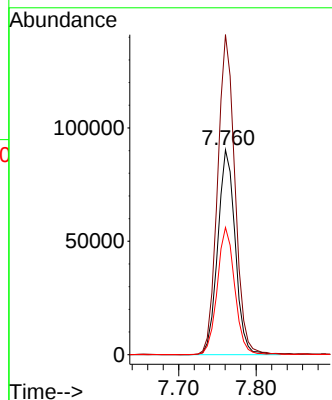


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.760 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP025723.D
Acq: 11 Sep 2025 00:07

Instrument :
BNA_P
ClientSampleId :

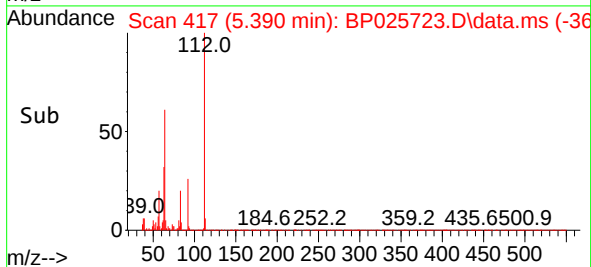
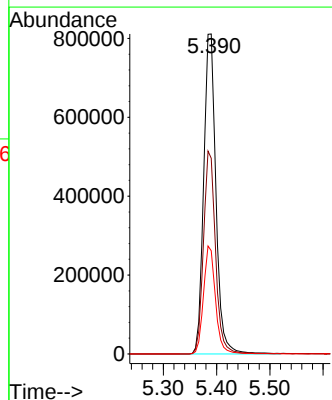
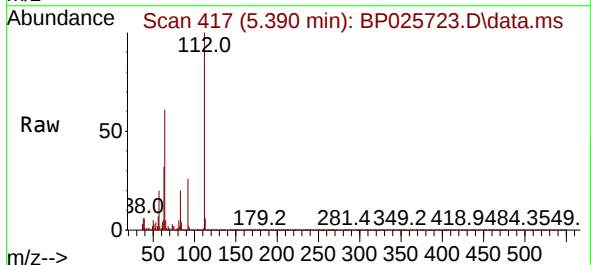


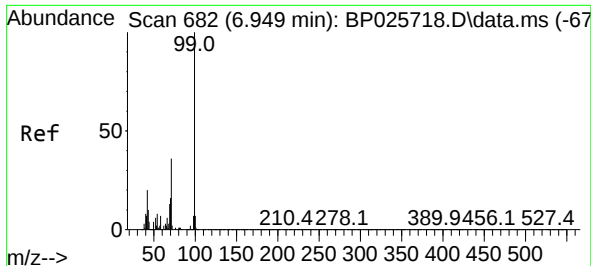
Tgt Ion:152 Resp: 141765
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.4
115 62.1 49.2 73.8



#5
2-Fluorophenol
Concen: 149.315 ng
RT: 5.390 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP025723.D
Acq: 11 Sep 2025 00:07

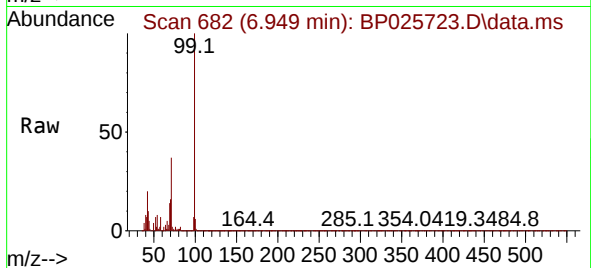
Tgt Ion:112 Resp: 1295744
Ion Ratio Lower Upper
112 100
64 61.2 50.1 75.1
63 32.3 26.3 39.5





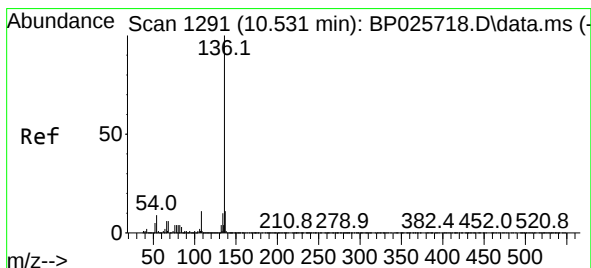
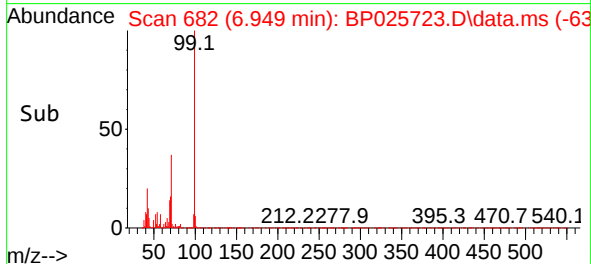
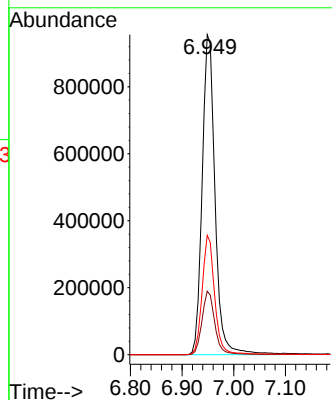
#7
Phenol-d6
Concen: 143.506 ng
RT: 6.949 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025723.D
Acq: 11 Sep 2025 00:07

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 99 Resp: 1656598

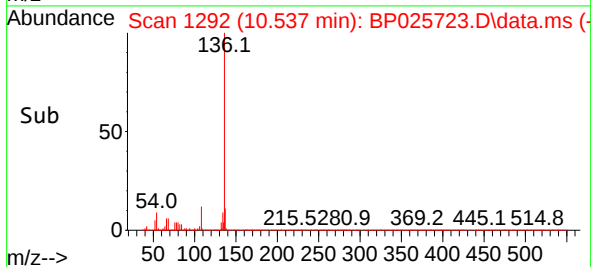
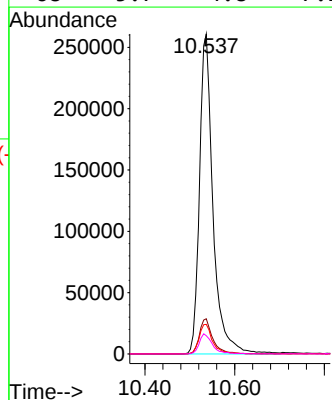
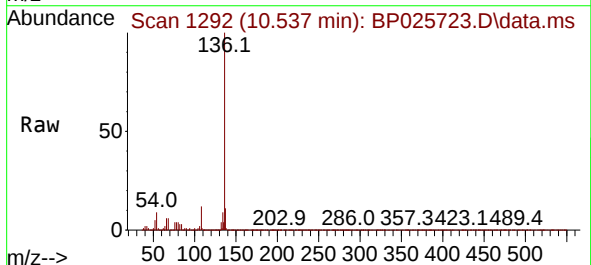
Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.7	23.5
71	37.3	29.0	43.4

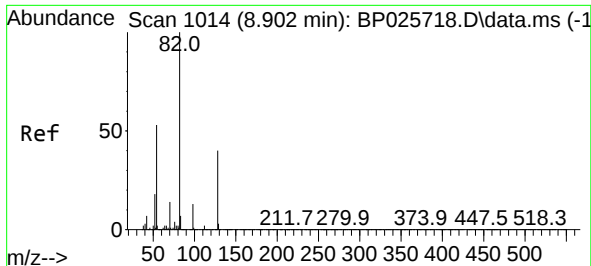


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BP025723.D
Acq: 11 Sep 2025 00:07

Tgt Ion: 136 Resp: 545649

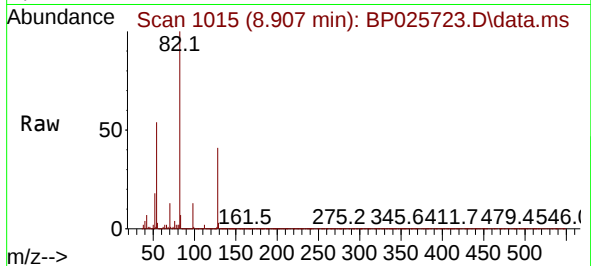
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	9.3	7.4	11.2
68	5.7	4.8	7.2



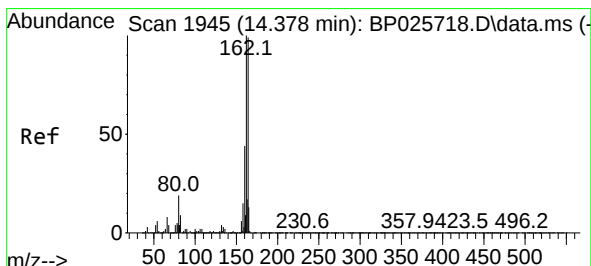
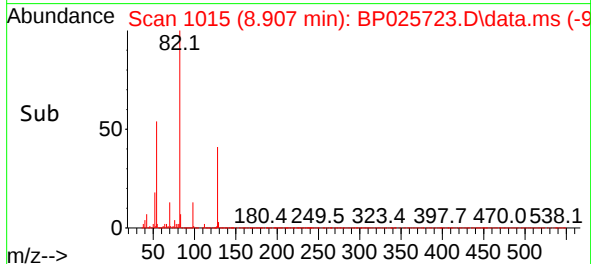
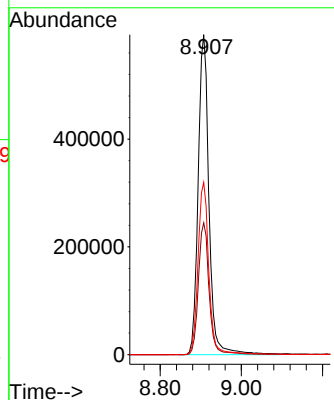


#23
Nitrobenzene-d5
Concen: 90.861 ng
RT: 8.907 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BP025723.D
Acq: 11 Sep 2025 00:07

Instrument :
BNA_P
ClientSampleId :

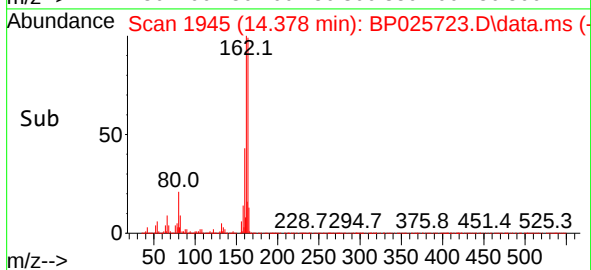
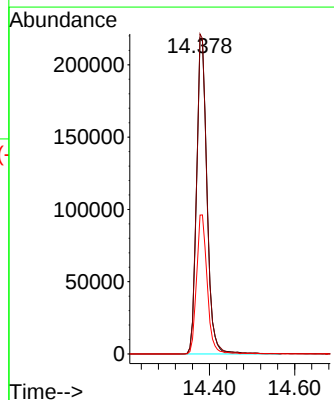
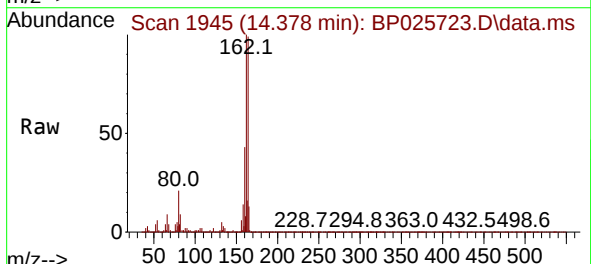


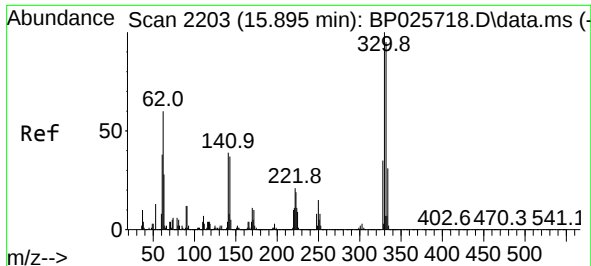
Tgt Ion: 82 Resp: 1102393
Ion Ratio Lower Upper
82 100
128 41.2 31.9 47.9
54 53.9 42.3 63.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025723.D
Acq: 11 Sep 2025 00:07

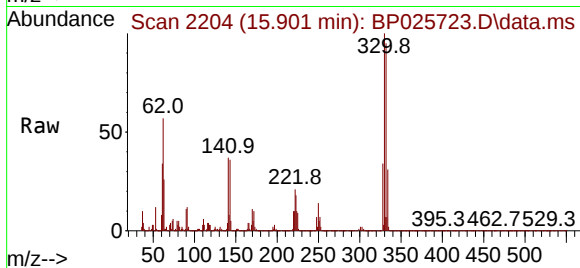
Tgt Ion:164 Resp: 371952
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 44.0 35.8 53.8



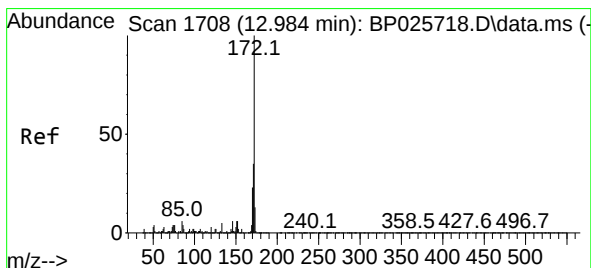
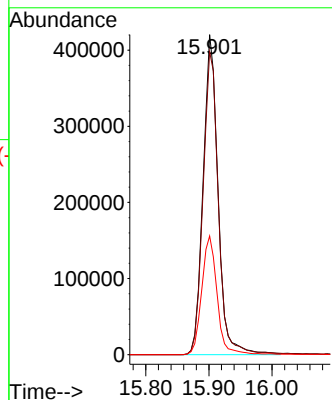
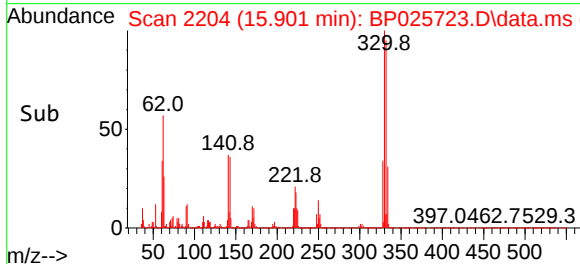


#42
2,4,6-Tribromophenol
Concen: 149.742 ng
RT: 15.901 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025723.D
Acq: 11 Sep 2025 00:07

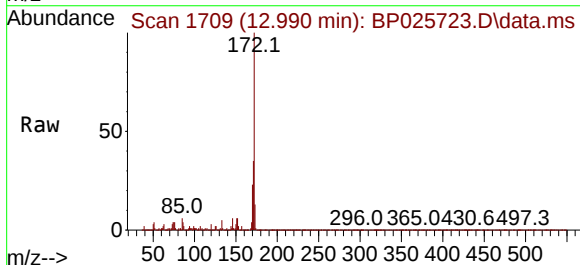
Instrument :
BNA_P
ClientSampleId :



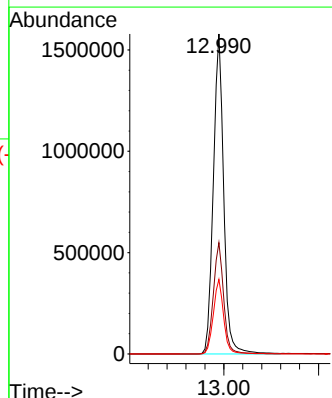
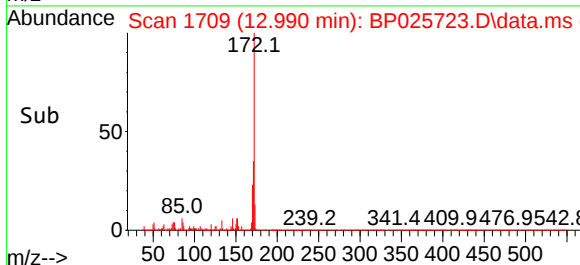
Tgt Ion:330 Resp: 692881
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 38.3 30.6 45.8

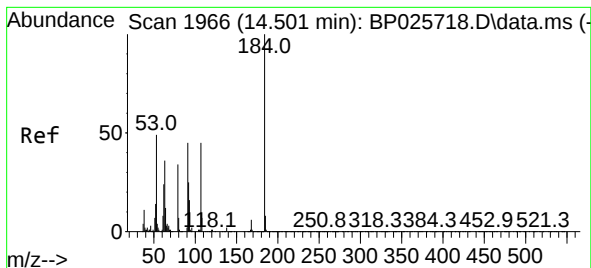


#45
2-Fluorobiphenyl
Concen: 87.495 ng
RT: 12.990 min Scan# 1709
Delta R.T. 0.006 min
Lab File: BP025723.D
Acq: 11 Sep 2025 00:07



Tgt Ion:172 Resp: 2404538
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.3 18.4 27.6

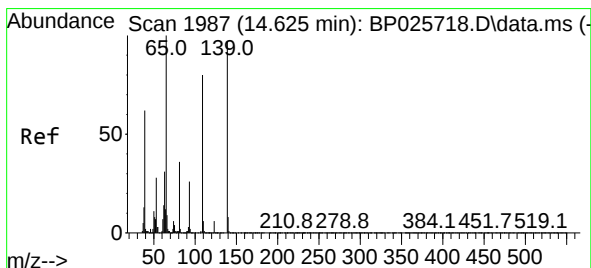
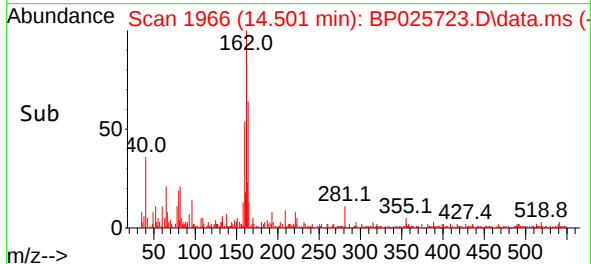
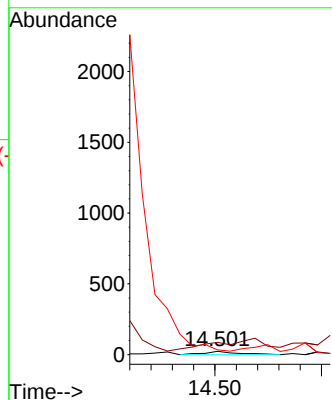
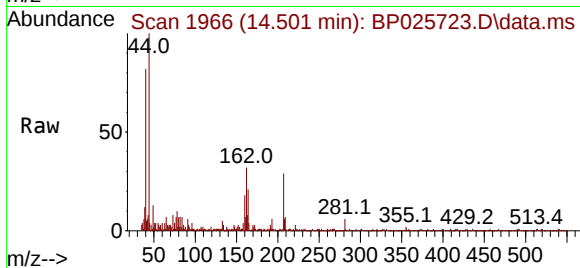




#54
2,4-Dinitrophenol
Concen: 4.500 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BP025723.D
Acq: 11 Sep 2025 00:07

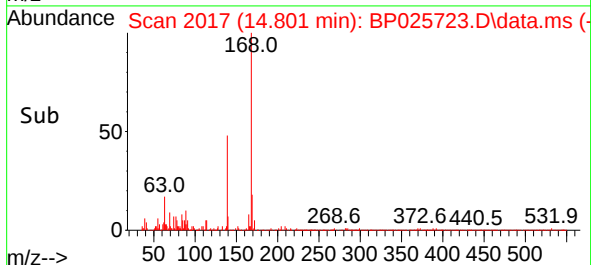
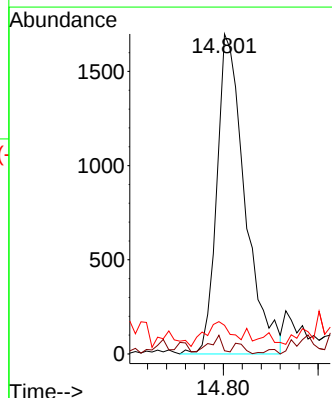
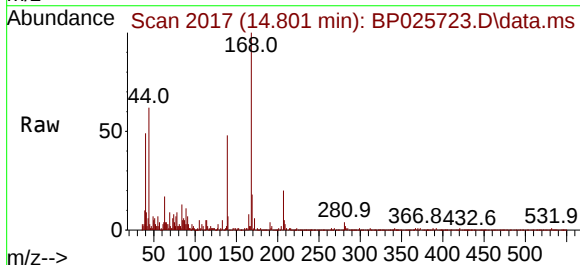
Instrument :
BNA_P
ClientSampleId :

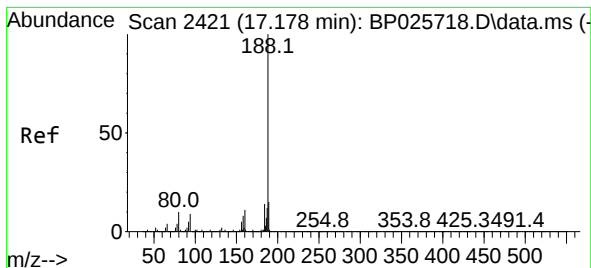
Tgt Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 462.5 52.2 78.2#
154 141.7 48.9 73.3#



#56
4-Nitrophenol
Concen: 4.396 ng
RT: 14.801 min Scan# 2017
Delta R.T. 0.176 min
Lab File: BP025723.D
Acq: 11 Sep 2025 00:07

Tgt Ion:139 Resp: 3492
Ion Ratio Lower Upper
139 100
109 1.0 62.7 102.7#
65 8.9 83.5 123.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2421

Delta R.T. 0.012 min

Lab File: BP025723.D

Acq: 11 Sep 2025 00:07

Instrument :

BNA_P

ClientSampleId :

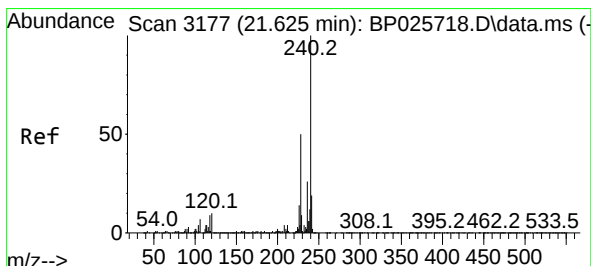
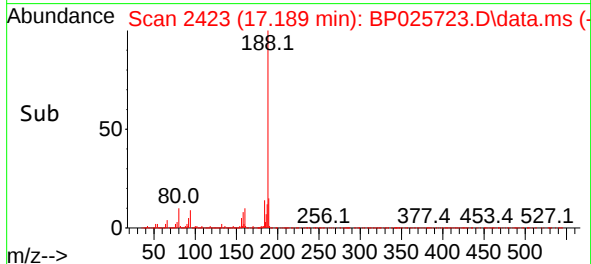
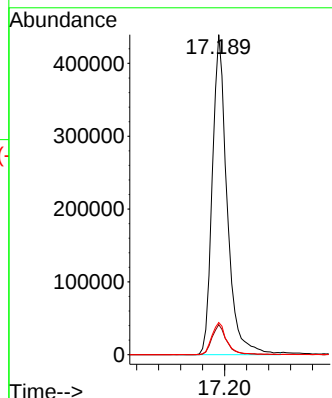
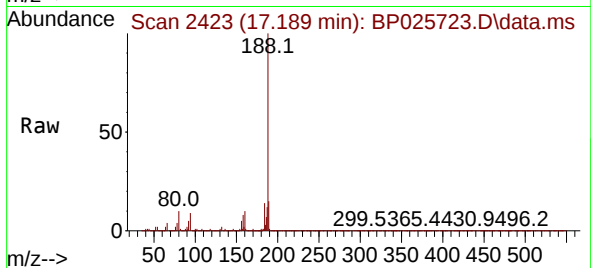
Tgt Ion:188 Resp: 820756

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.0

80 10.0 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 3177

Delta R.T. -0.000 min

Lab File: BP025723.D

Acq: 11 Sep 2025 00:07

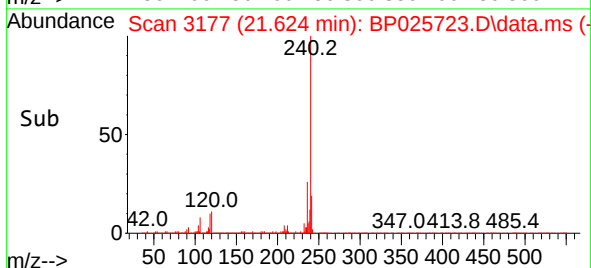
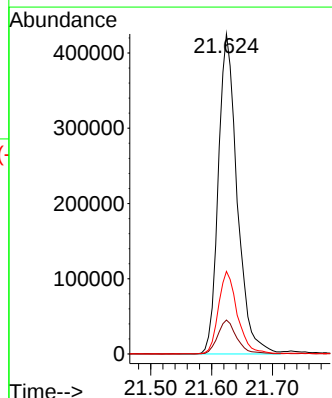
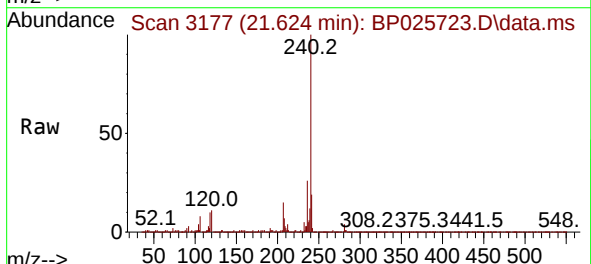
Tgt Ion:240 Resp: 916447

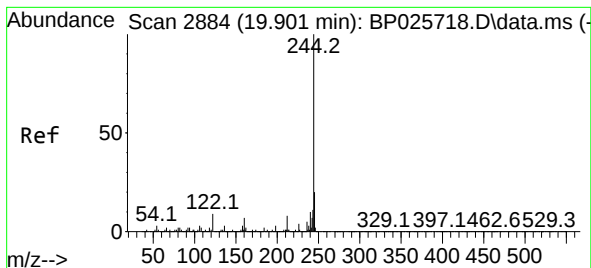
Ion Ratio Lower Upper

240 100

120 10.6 7.8 11.8

236 25.8 20.8 31.2





#79

Terphenyl-d14

Concen: 87.216 ng

RT: 19.907 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025723.D

Acq: 11 Sep 2025 00:07

Instrument :

BNA_P

ClientSampleId :

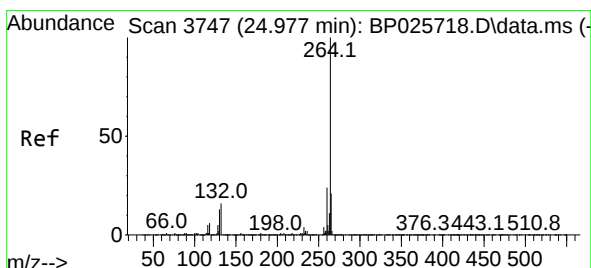
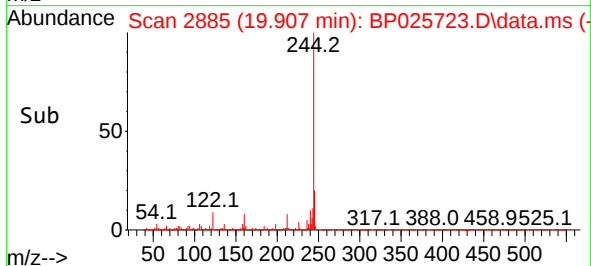
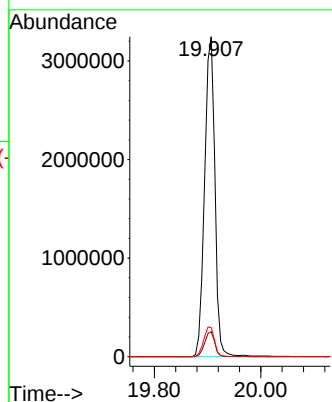
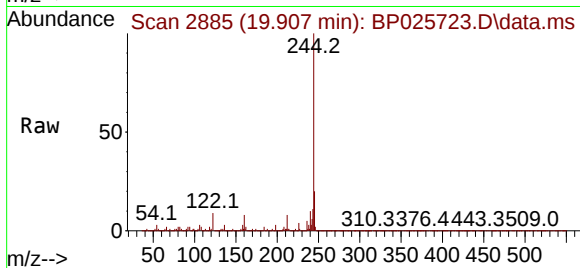
Tgt Ion:244 Resp: 4351004

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 9.1 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

Delta R.T. 0.012 min

Lab File: BP025723.D

Acq: 11 Sep 2025 00:07

Tgt Ion:264 Resp: 955303

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.7 17.4 26.2

