

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051225\
 Data File : BP024612.D
 Acq On : 12 May 2025 22:47
 Operator : RC/JU
 Sample : PB167917TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 13 04:13:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 03:56:11 2025
 Response via : Initial Calibration

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

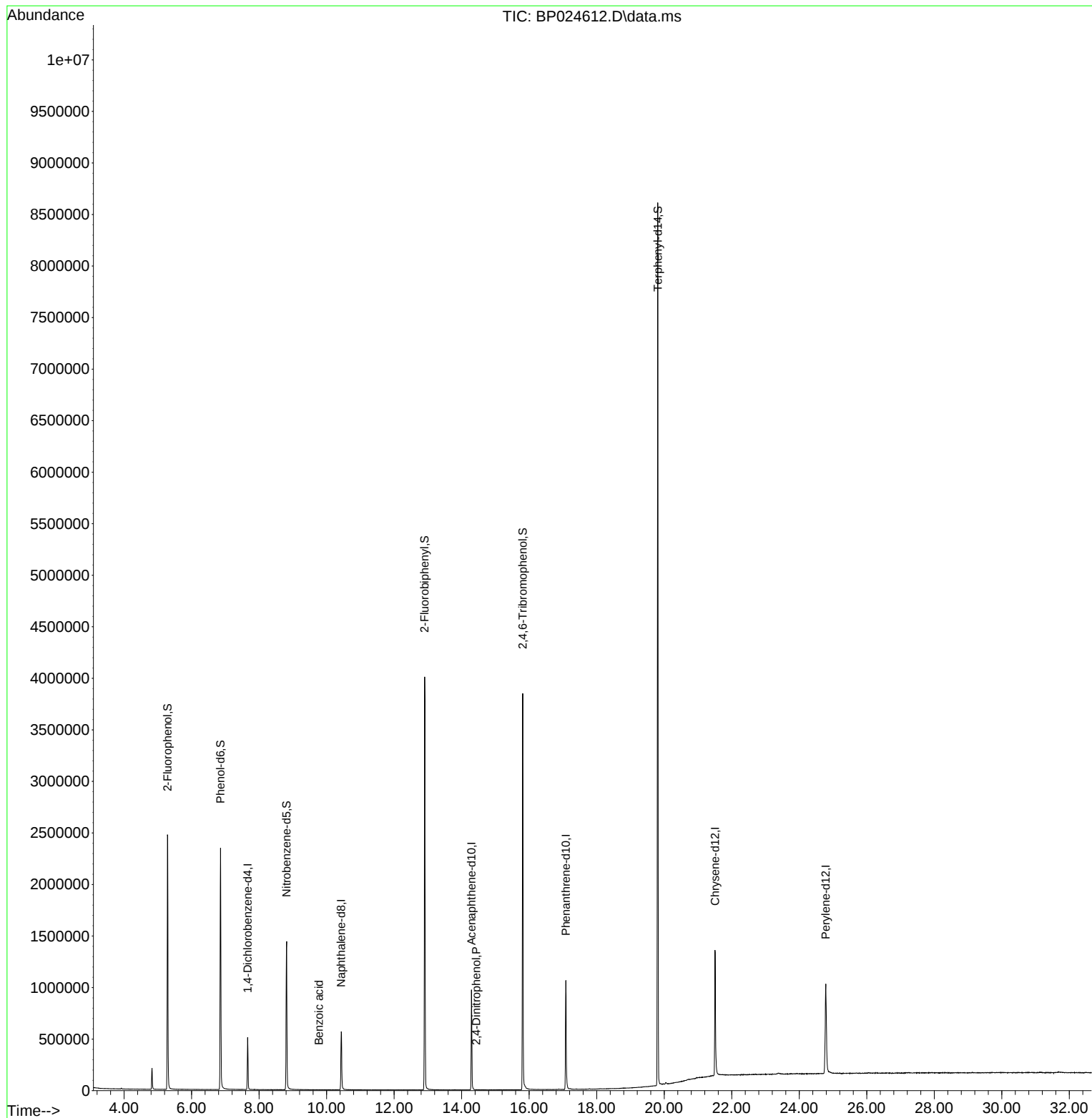
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	131162	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	512693	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	323680	20.000	ng	0.00
64) Phenanthrene-d10	17.086	188	671677	20.000	ng	0.00
76) Chrysene-d12	21.504	240	803272	20.000	ng	0.00
86) Perylene-d12	24.786	264	911338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1135191	152.928	ng	0.00
7) Phenol-d6	6.858	99	1384595	141.820	ng	0.00
23) Nitrobenzene-d5	8.816	82	850303	95.326	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	800747	150.948	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1973598	91.206	ng	0.00
79) Terphenyl-d14	19.810	244	4121245	100.440	ng	0.00
Target Compounds						
32) Benzoic acid	9.775	122	15	7.923	ng	# 1
54) 2,4-Dinitrophenol	14.434	184	8	6.164	ng	# 1

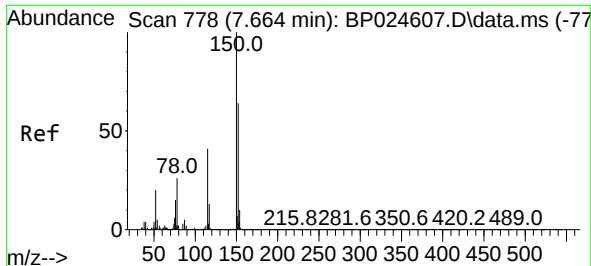
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051225\
Data File : BP024612.D
Acq On : 12 May 2025 22:47
Operator : RC/JU
Sample : PB167917TB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: May 13 04:13:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 03:56:11 2025
Response via : Initial Calibration

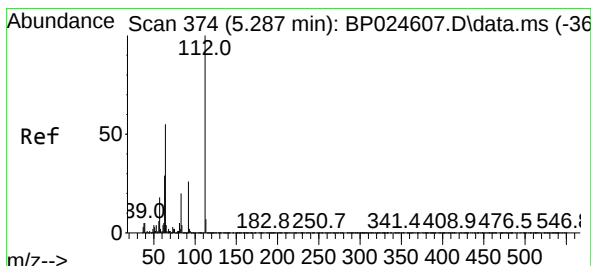
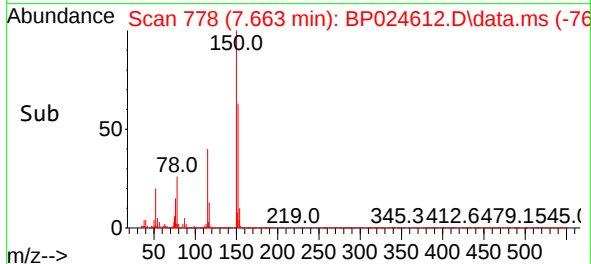
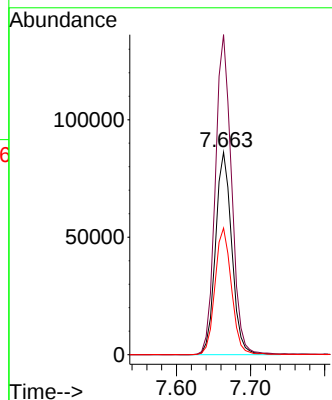
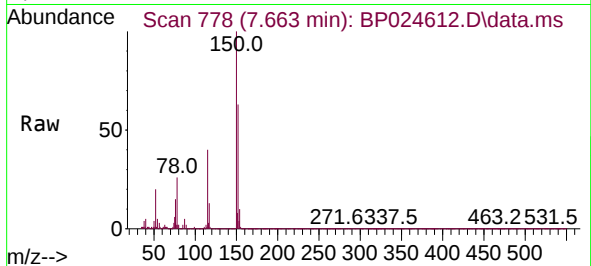




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.663 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BP024612.D
 Acq: 12 May 2025 22:47

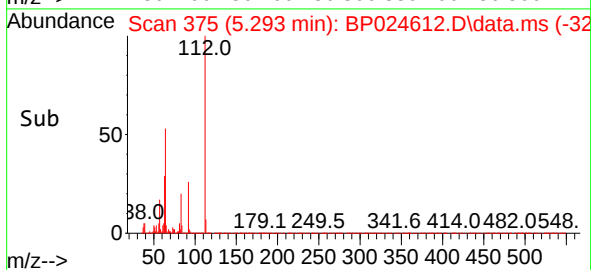
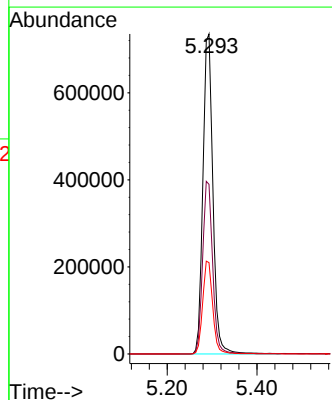
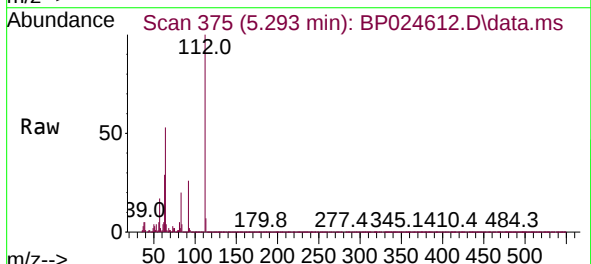
Instrument :
 BNA_P
 ClientSampleId :

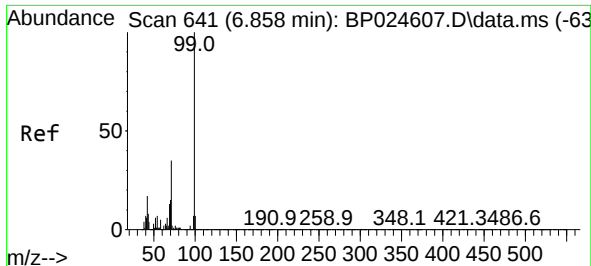
Tgt Ion:152 Resp: 131162
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.2 187.8
 115 62.6 51.0 76.6



#5
 2-Fluorophenol
 Concen: 152.928 ng
 RT: 5.293 min Scan# 375
 Delta R.T. 0.006 min
 Lab File: BP024612.D
 Acq: 12 May 2025 22:47

Tgt Ion:112 Resp: 1135191
 Ion Ratio Lower Upper
 112 100
 64 53.0 44.3 66.5
 63 28.6 23.4 35.0

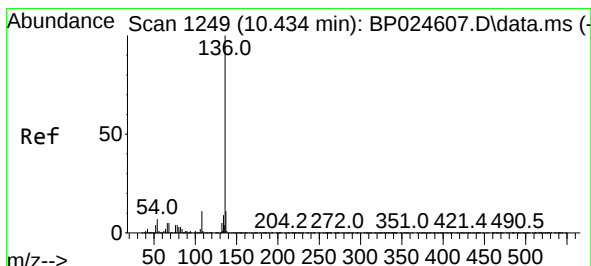
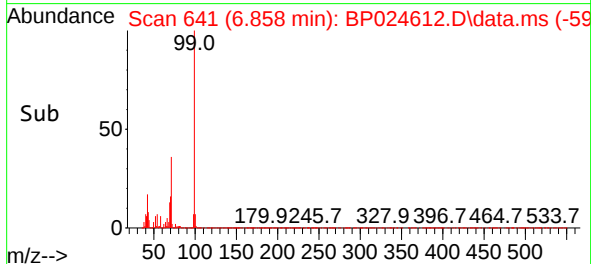
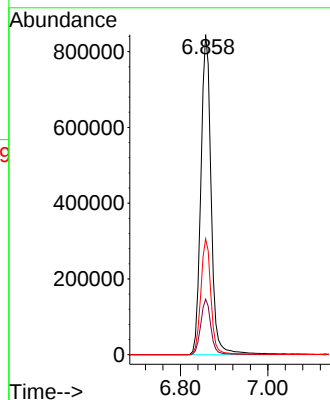
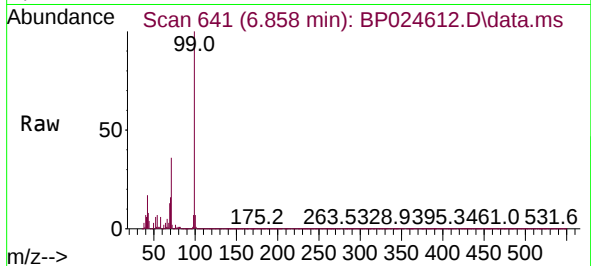




#7
Phenol-d6
Concen: 141.820 ng
RT: 6.858 min Scan# 641
Delta R.T. -0.000 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

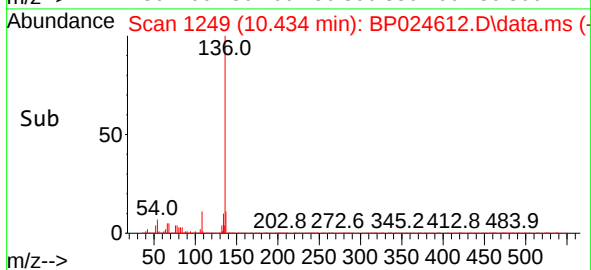
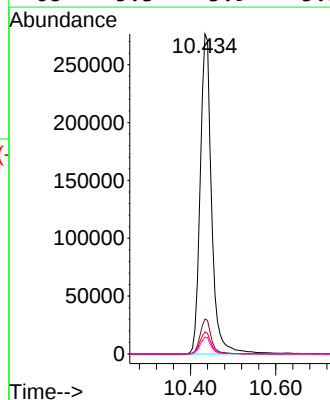
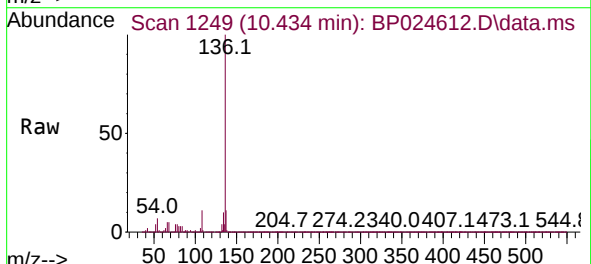
Instrument :
BNA_P
ClientSampleId :

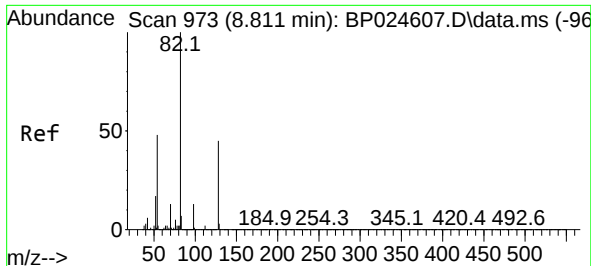
Tgt Ion: 99 Resp: 1384595
Ion Ratio Lower Upper
99 100
42 17.3 13.5 20.3
71 36.2 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

Tgt Ion:136 Resp: 512693
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.9 5.8 8.6
68 5.3 3.9 5.9

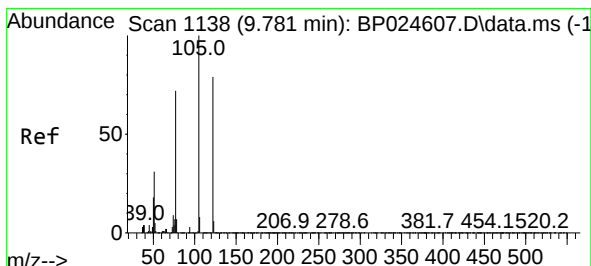
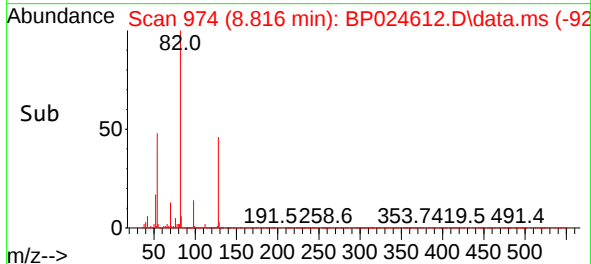
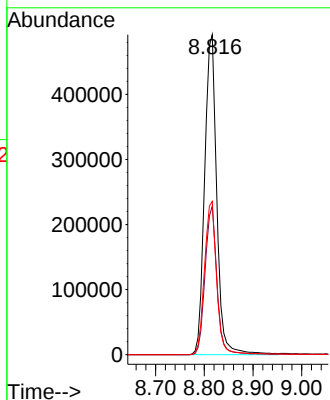
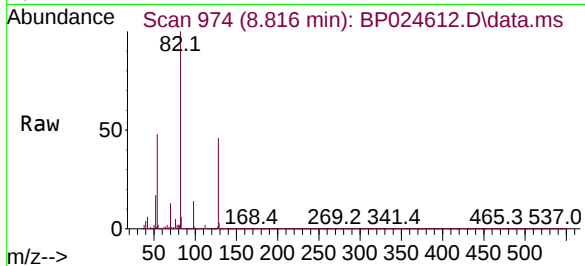




#23
Nitrobenzene-d5
Concen: 95.326 ng
RT: 8.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

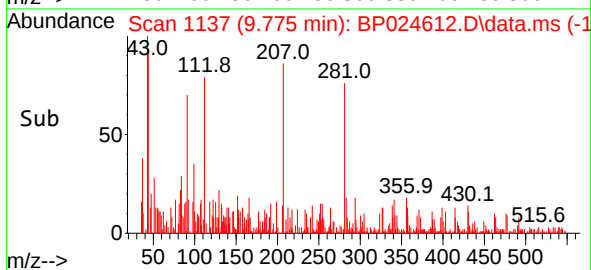
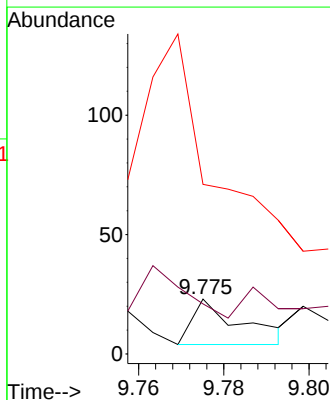
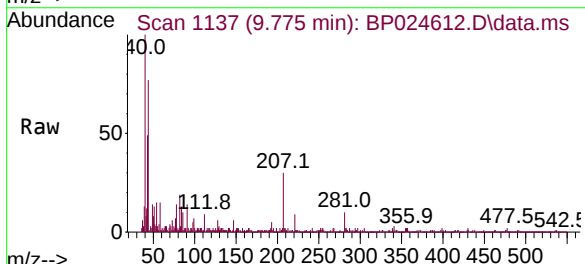
Instrument :
BNA_P
ClientSampleId :

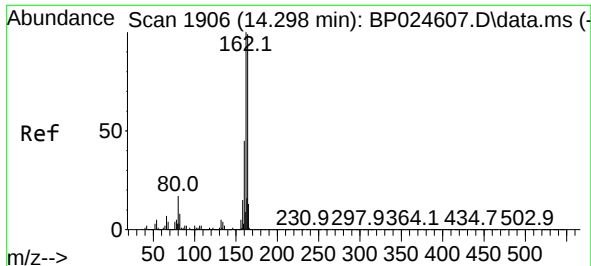
Tgt Ion: 82 Resp: 850303
Ion Ratio Lower Upper
82 100
128 46.5 36.2 54.2
54 47.9 38.4 57.6



#32
Benzoic acid
Concen: 7.923 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

Tgt Ion: 122 Resp: 15
Ion Ratio Lower Upper
122 100
105 91.3 104.5 144.5#
77 308.7 71.1 111.1#

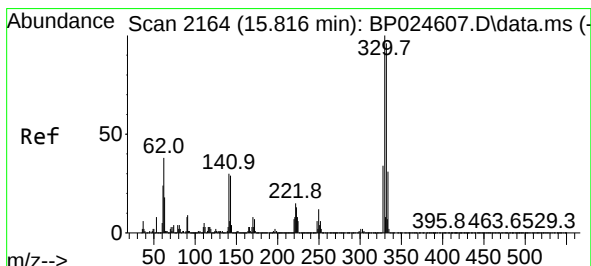
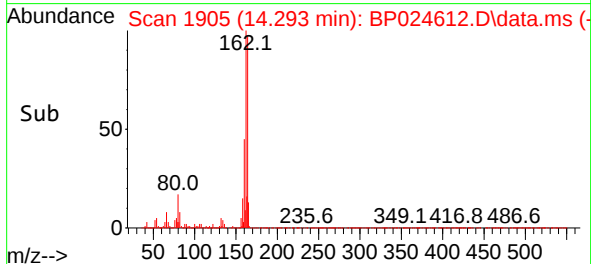
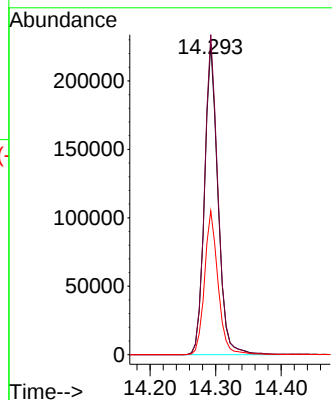
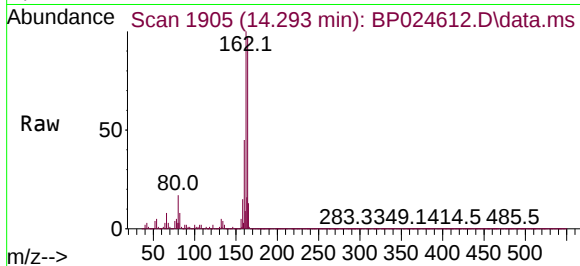




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

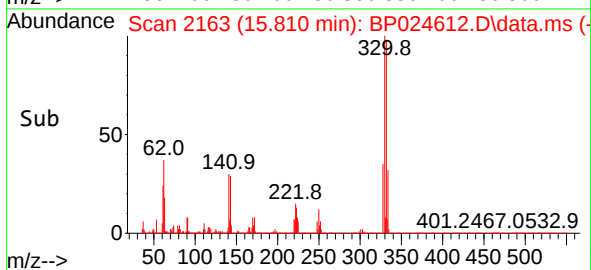
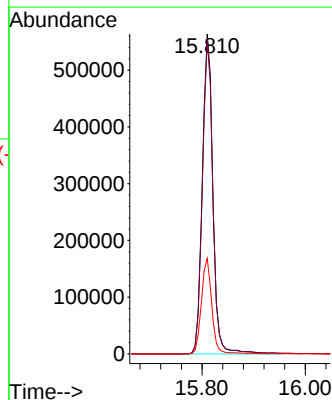
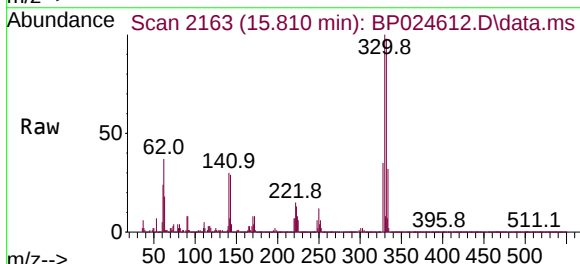
Instrument :
BNA_P
ClientSampleId :

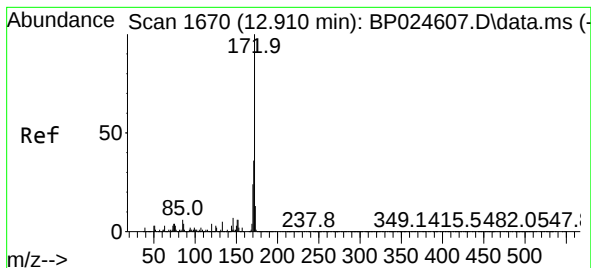
Tgt Ion:164 Resp: 323680
Ion Ratio Lower Upper
164 100
162 103.0 81.1 121.7
160 46.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 150.948 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

Tgt Ion:330 Resp: 800747
Ion Ratio Lower Upper
330 100
332 97.4 77.9 116.9
141 29.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 91.206 ng

RT: 12.904 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024612.D

Acq: 12 May 2025 22:47

Instrument :

BNA_P

ClientSampleId :

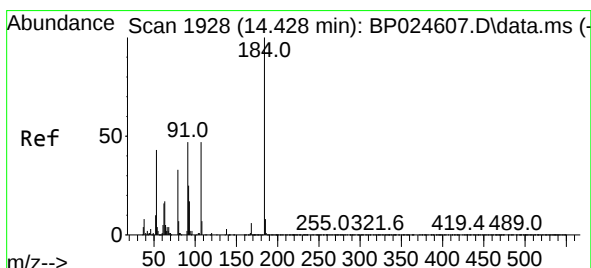
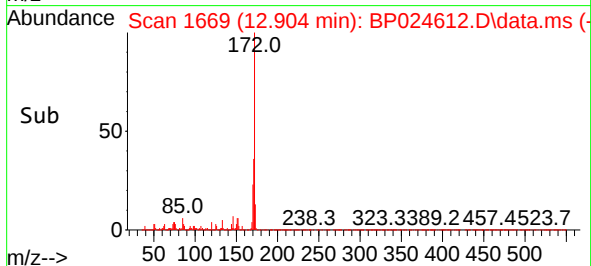
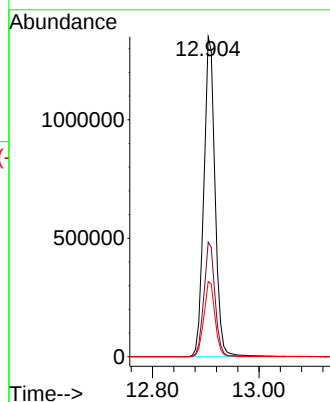
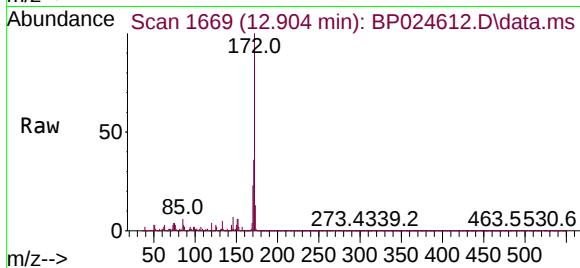
Tgt Ion:172 Resp: 1973598

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.5 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 6.164 ng

RT: 14.434 min Scan# 1929

Delta R.T. 0.006 min

Lab File: BP024612.D

Acq: 12 May 2025 22:47

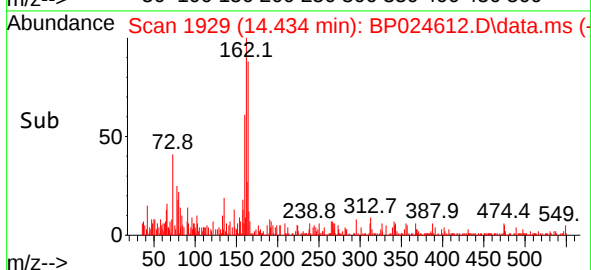
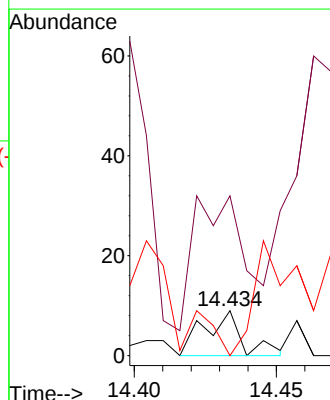
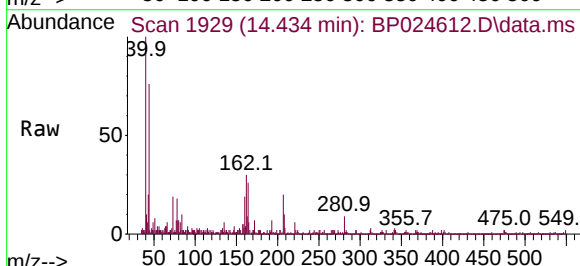
Tgt Ion:184 Resp: 8

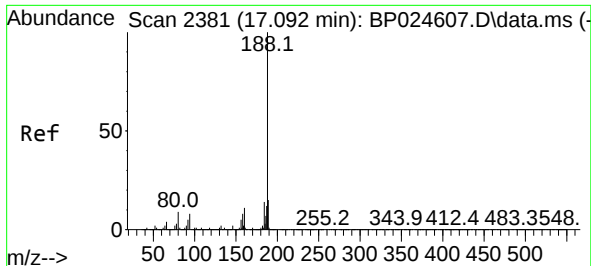
Ion Ratio Lower Upper

184 100

63 355.6 50.9 76.3#

154 0.0 52.6 78.8#

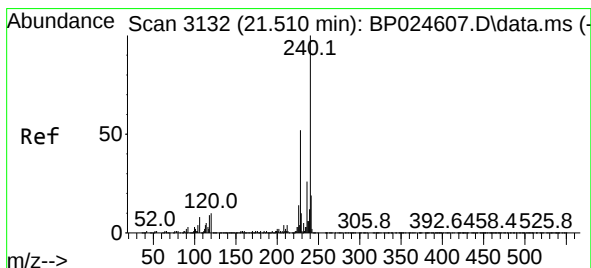
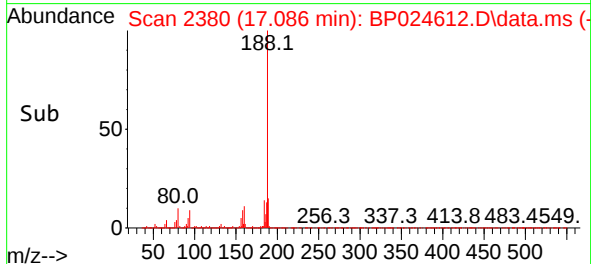
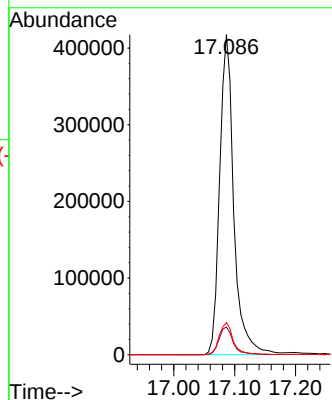
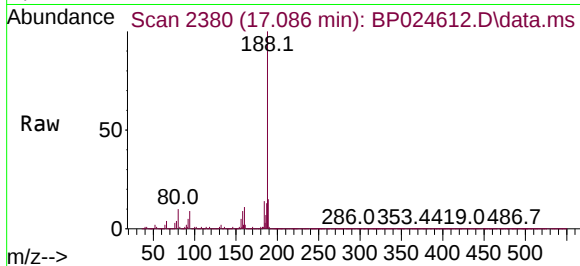




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

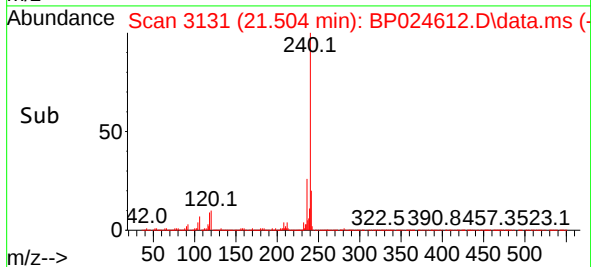
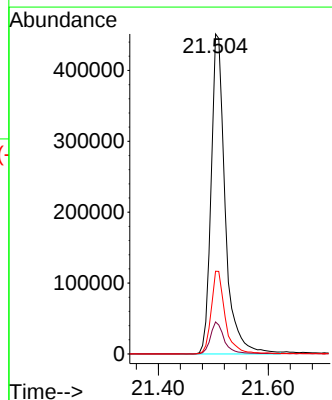
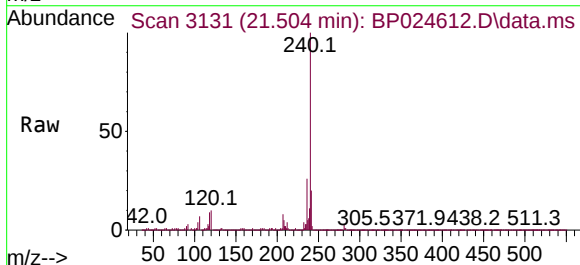
Instrument :
BNA_P
ClientSampleId :

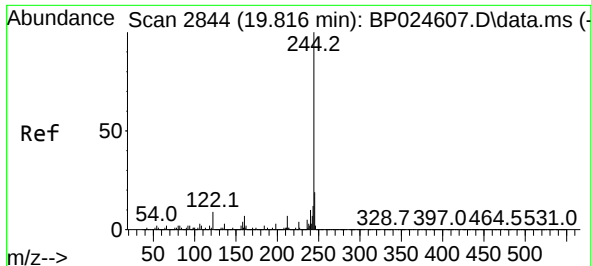
Tgt Ion:188 Resp: 671677
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 10.1 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

Tgt Ion:240 Resp: 803272
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 25.9 20.8 31.2

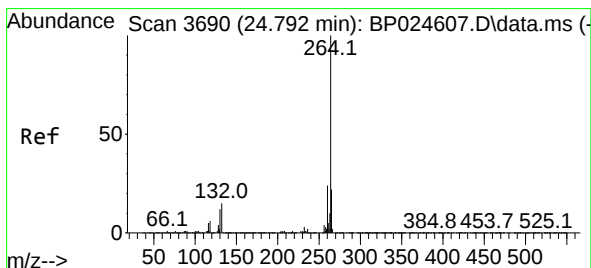
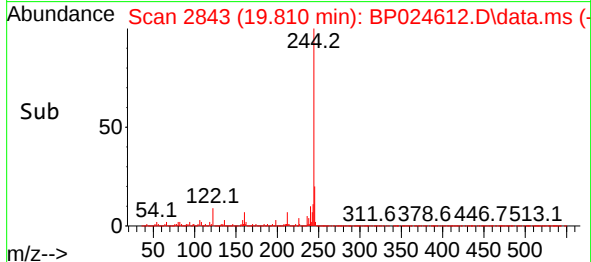
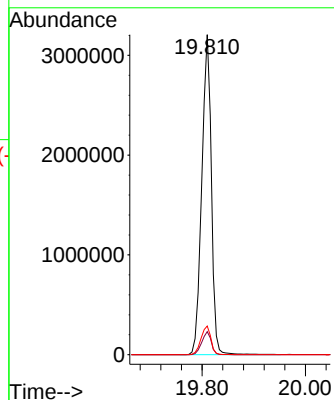
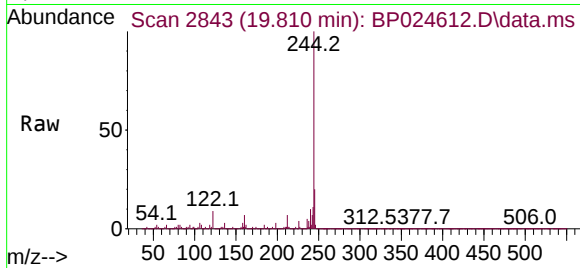




#79
 Terphenyl-d14
 Concen: 100.440 ng
 RT: 19.810 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BP024612.D
 Acq: 12 May 2025 22:47

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:244 Resp: 4121245
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 9.0 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.786 min Scan# 3689
 Delta R.T. -0.006 min
 Lab File: BP024612.D
 Acq: 12 May 2025 22:47

Tgt Ion:264 Resp: 911338
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.1 17.8 26.6

