

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100725\
 Data File : BP025945.D
 Acq On : 07 Oct 2025 16:37
 Operator : RC/JU
 Sample : Q3289-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11966

Quant Time: Oct 07 17:01:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 19:16:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	150515	20.000	ng	-0.02
21) Naphthalene-d8	10.502	136	548683	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	340321	20.000	ng	-0.02
64) Phenanthrene-d10	17.166	188	705313	20.000	ng	-0.02
76) Chrysene-d12	21.607	240	773887	20.000	ng	-0.04
86) Perylene-d12	24.960	264	886824	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1178880	126.378	ng	0.00
7) Phenol-d6	6.943	99	1349234	108.819	ng	0.00
23) Nitrobenzene-d5	8.884	82	995764	80.054	ng	-0.02
42) 2,4,6-Tribromophenol	15.878	330	625706	147.404	ng	-0.03
45) 2-Fluorobiphenyl	12.960	172	2175825	85.129	ng	-0.03
79) Terphenyl-d14	19.878	244	3646689	84.771	ng	-0.04

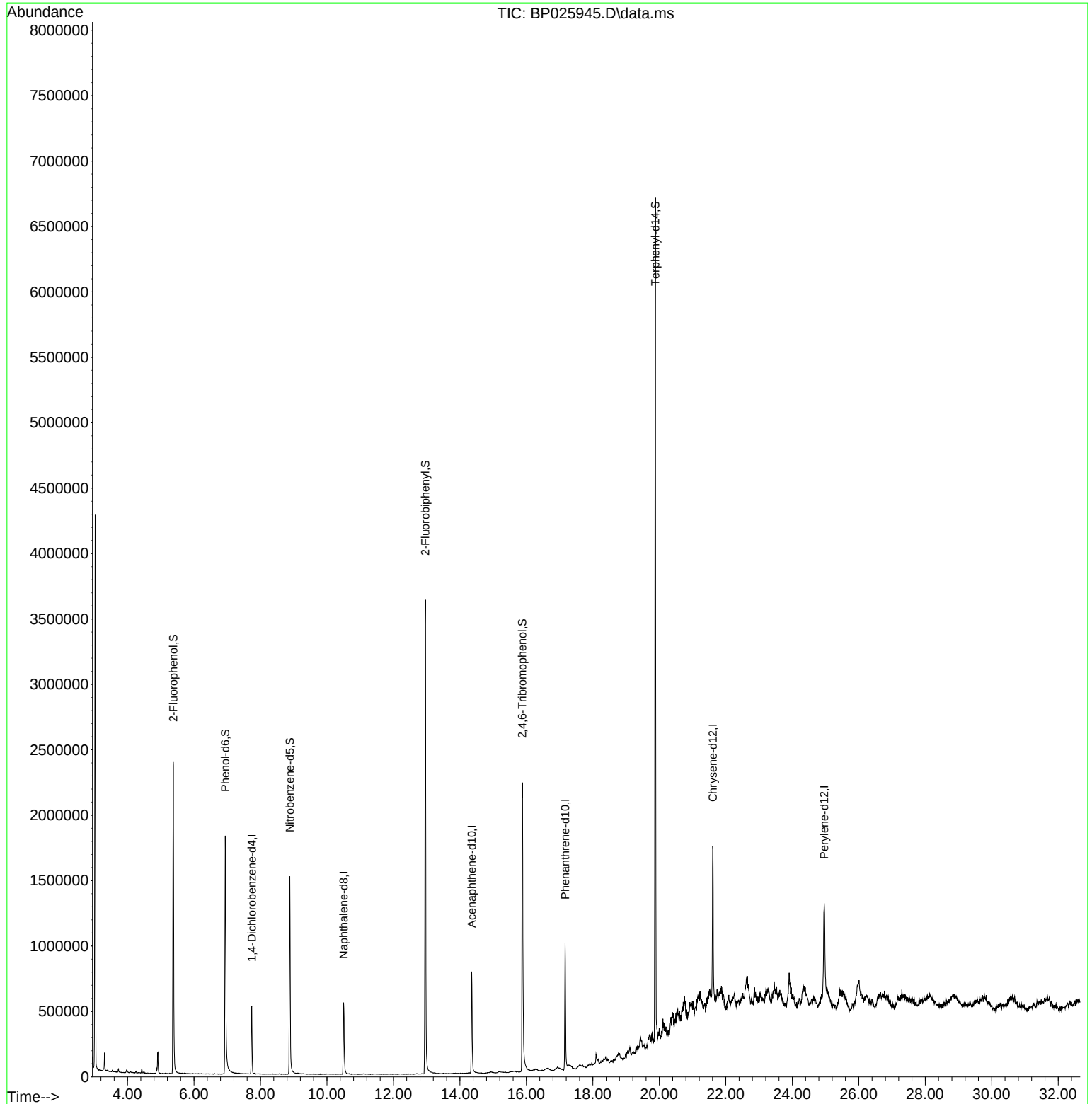
Target Compounds	Qvalue

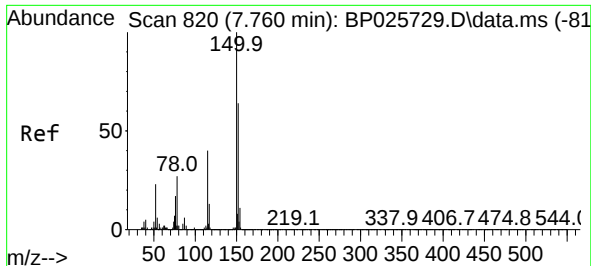
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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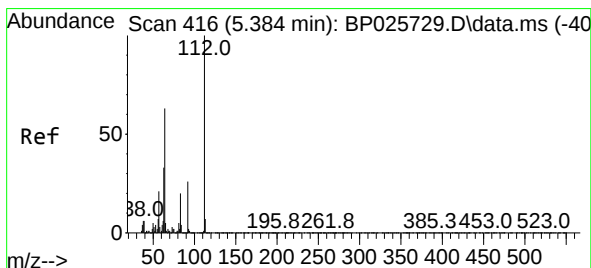
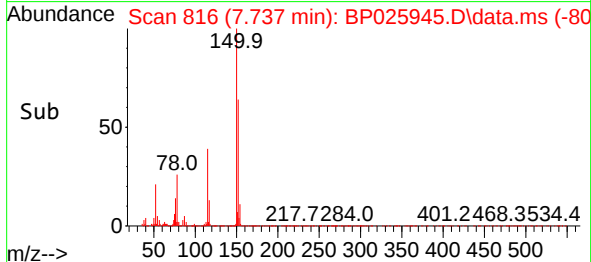
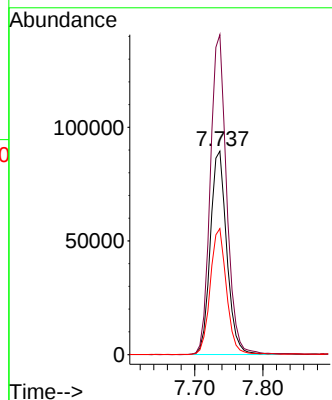
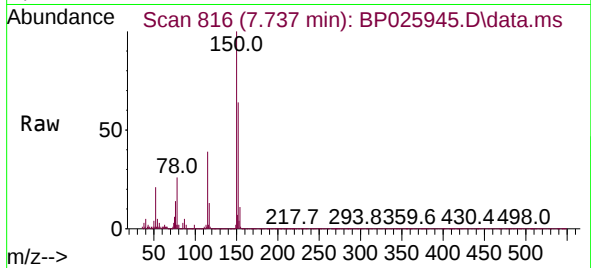




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

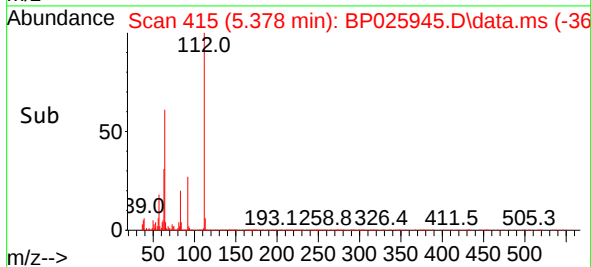
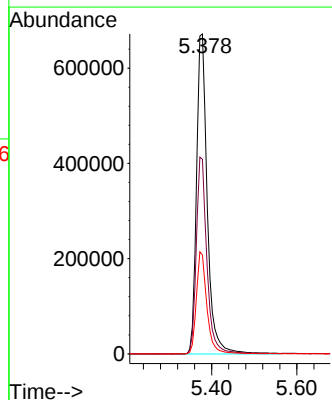
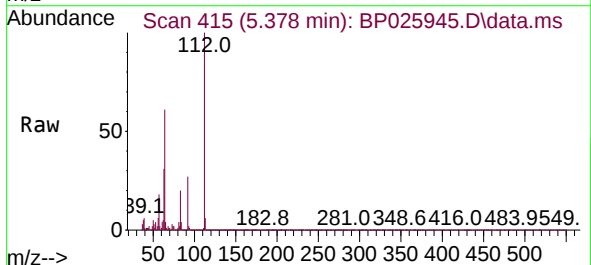
Instrument :
BNA_P
ClientSampleId :
72-11966

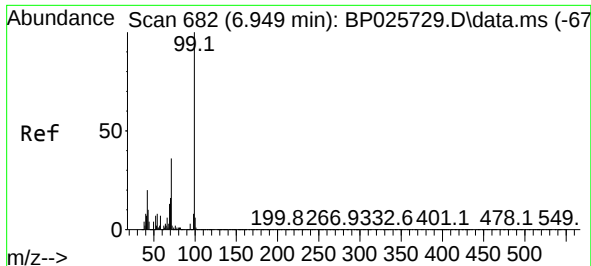
Tgt Ion:152 Resp: 150515
Ion Ratio Lower Upper
152 100
150 157.3 124.3 186.5
115 61.9 50.3 75.5



#5
2-Fluorophenol
Concen: 126.378 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

Tgt Ion:112 Resp: 1178880
Ion Ratio Lower Upper
112 100
64 60.8 50.2 75.4
63 30.9 26.7 40.1

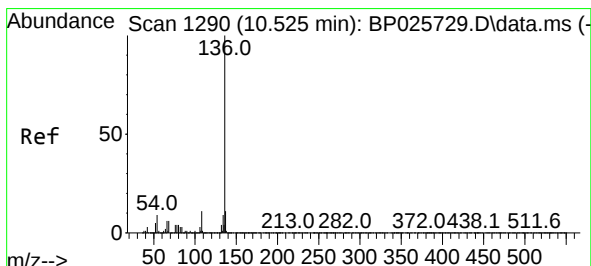
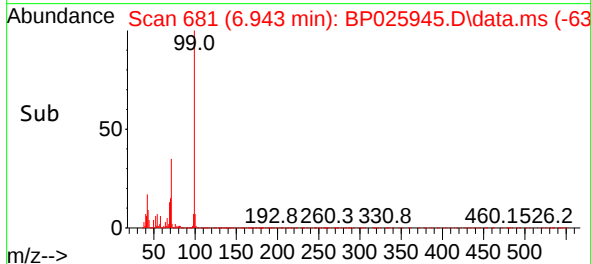
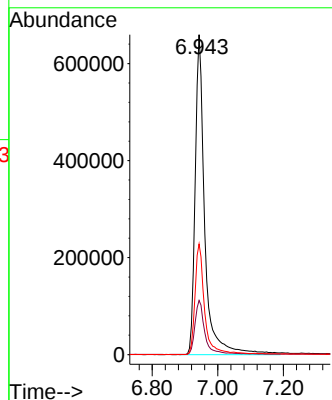
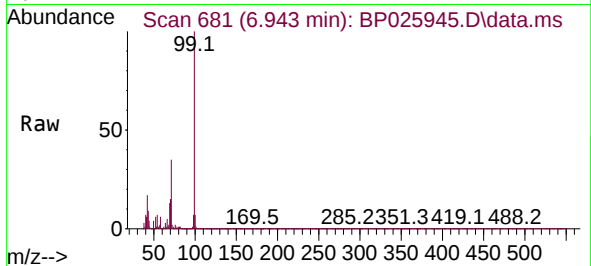




#7
Phenol-d6
Concen: 108.819 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

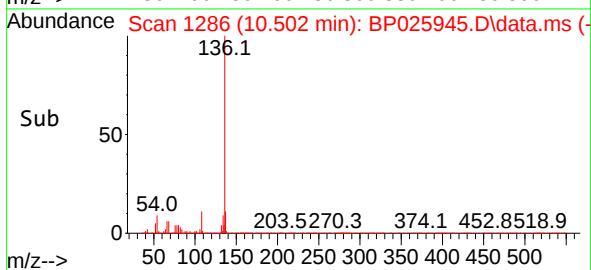
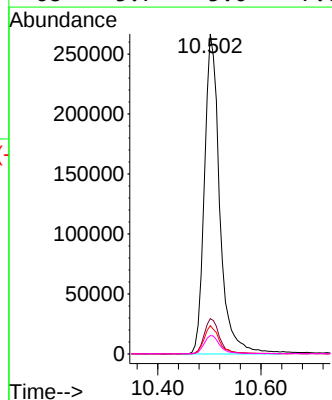
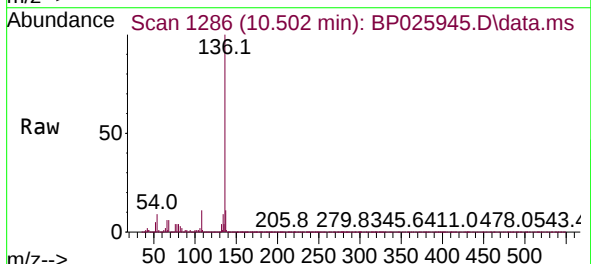
Instrument :
BNA_P
ClientSampleId :
72-11966

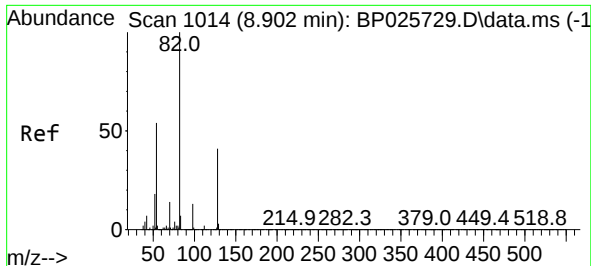
Tgt Ion: 99 Resp: 1349234
Ion Ratio Lower Upper
99 100
42 16.9 15.6 23.4
71 34.6 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.502 min Scan# 1286
Delta R.T. -0.023 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

Tgt Ion:136 Resp: 548683
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.8 7.5 11.3
68 5.7 5.0 7.6

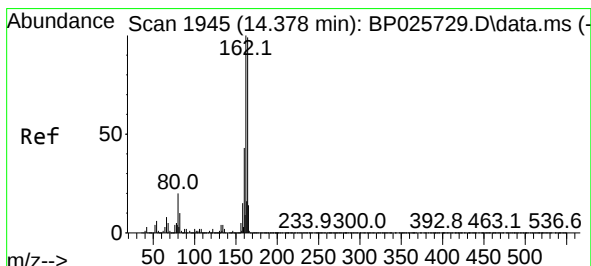
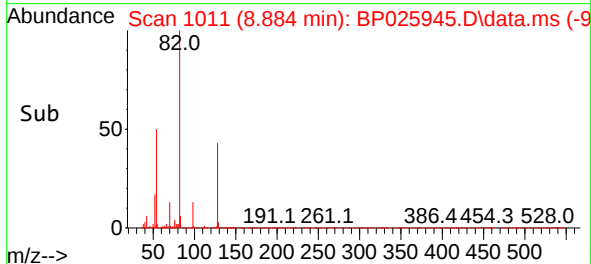
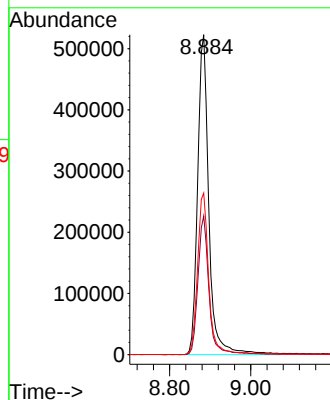
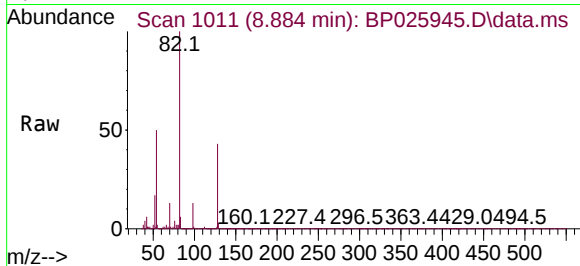




#23
 Nitrobenzene-d5
 Concen: 80.054 ng
 RT: 8.884 min Scan# 1011
 Delta R.T. -0.018 min
 Lab File: BP025945.D
 Acq: 07 Oct 2025 16:37

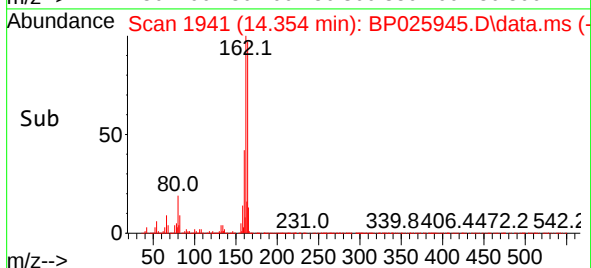
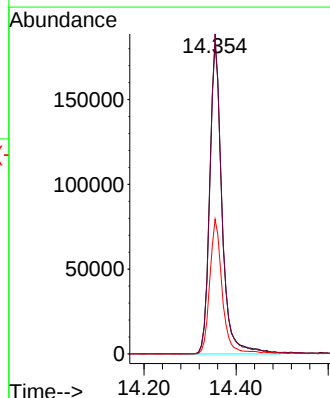
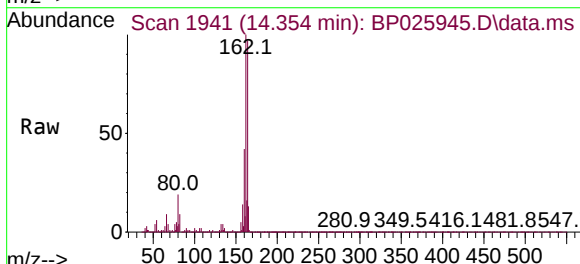
Instrument :
 BNA_P
 ClientSampleId :
 72-11966

Tgt Ion: 82 Resp: 995764
 Ion Ratio Lower Upper
 82 100
 128 43.3 32.9 49.3
 54 50.5 43.4 65.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.354 min Scan# 1941
 Delta R.T. -0.023 min
 Lab File: BP025945.D
 Acq: 07 Oct 2025 16:37

Tgt Ion: 164 Resp: 340321
 Ion Ratio Lower Upper
 164 100
 162 103.2 80.6 120.8
 160 43.4 35.0 52.6

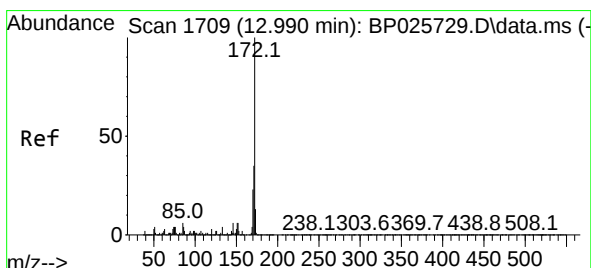
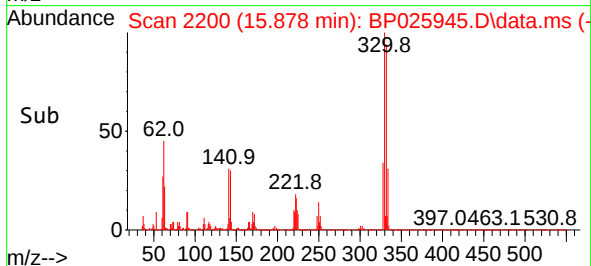
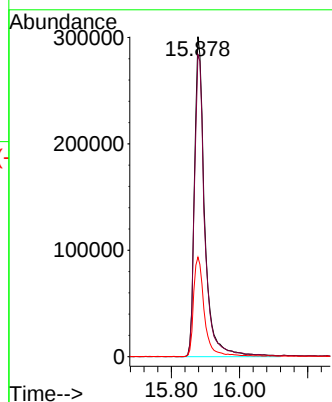
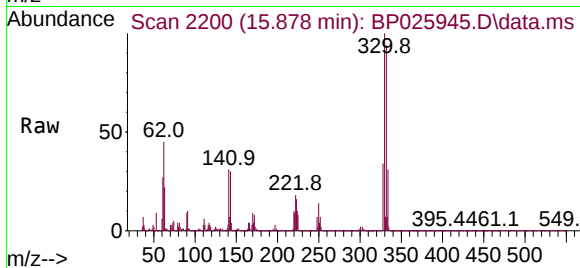




#42
2,4,6-Tribromophenol
Concen: 147.404 ng
RT: 15.878 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

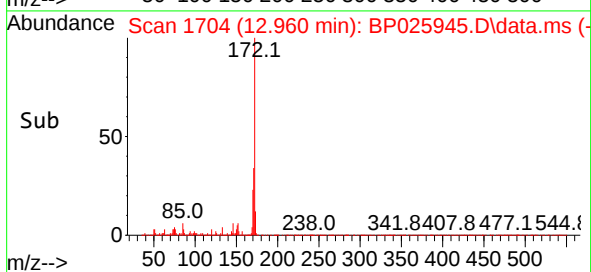
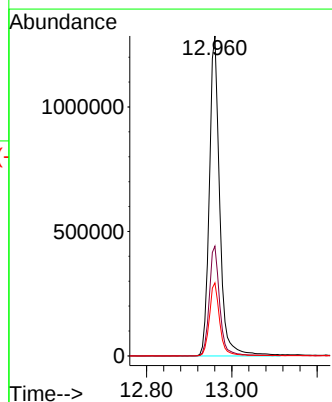
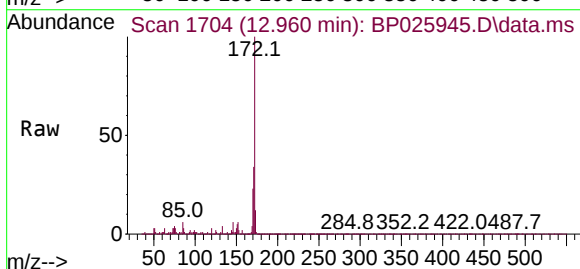
Instrument :
BNA_P
ClientSampleId :
72-11966

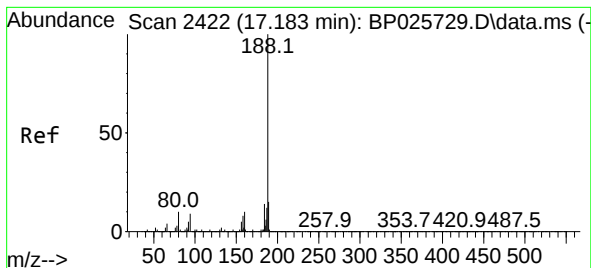
Tgt Ion	330	Resp	625706
Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.9	115.3
141	32.9	31.0	46.4



#45
2-Fluorobiphenyl
Concen: 85.129 ng
RT: 12.960 min Scan# 1704
Delta R.T. -0.029 min
Lab File: BP025945.D
Acq: 07 Oct 2025 16:37

Tgt Ion	172	Resp	2175825
Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	22.8	18.6	27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.166 min Scan# 24

Delta R.T. -0.018 min

Lab File: BP025945.D

Acq: 07 Oct 2025 16:37

Instrument :

BNA_P

ClientSampleId :

72-11966

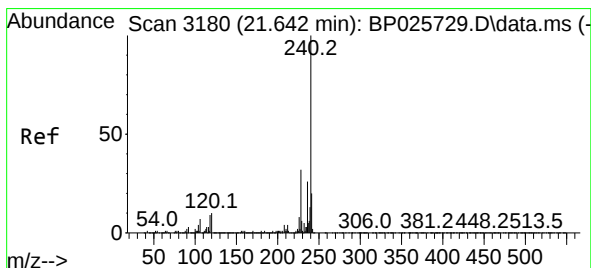
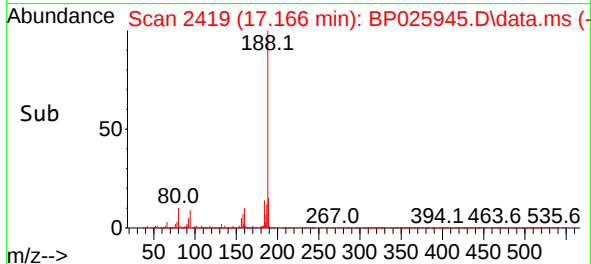
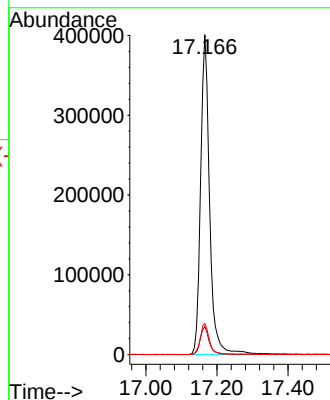
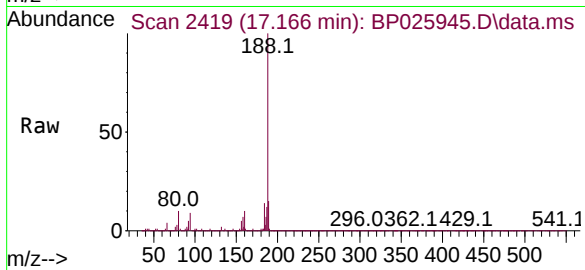
Tgt Ion:188 Resp: 705313

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.0

80 9.7 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.607 min Scan# 3174

Delta R.T. -0.035 min

Lab File: BP025945.D

Acq: 07 Oct 2025 16:37

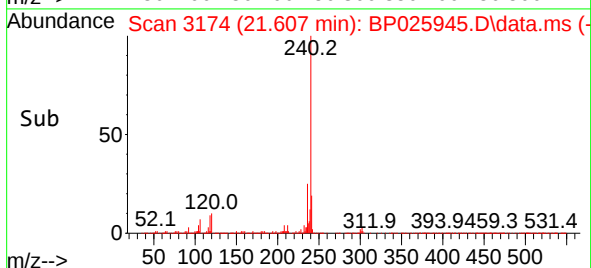
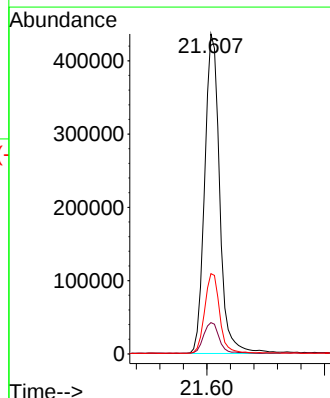
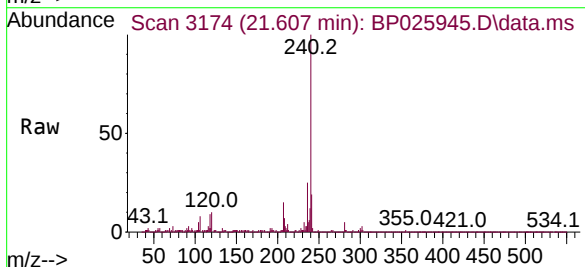
Tgt Ion:240 Resp: 773887

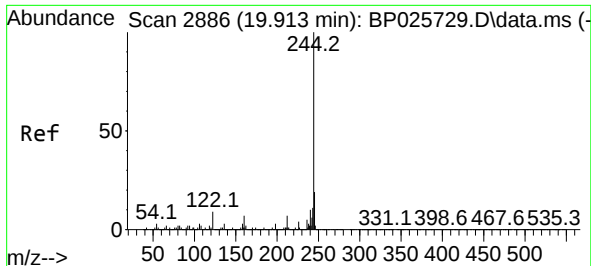
Ion Ratio Lower Upper

240 100

120 9.8 8.0 12.0

236 25.1 20.7 31.1

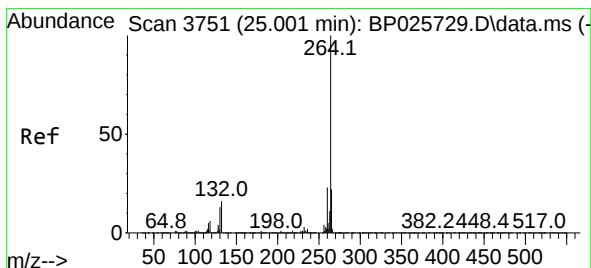
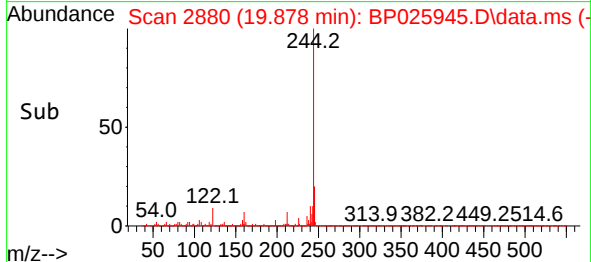
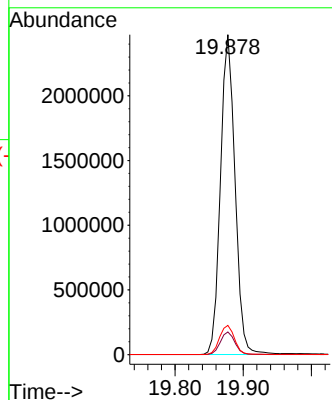
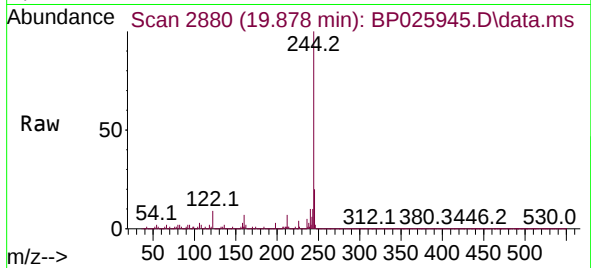




#79
 Terphenyl-d14
 Concen: 84.771 ng
 RT: 19.878 min Scan# 2886
 Delta R.T. -0.035 min
 Lab File: BP025945.D
 Acq: 07 Oct 2025 16:37

Instrument :
 BNA_P
 ClientSampleId :
 72-11966

Tgt Ion:244 Resp: 3646689
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.1 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.960 min Scan# 3744
 Delta R.T. -0.041 min
 Lab File: BP025945.D
 Acq: 07 Oct 2025 16:37

Tgt Ion:264 Resp: 886824
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 22.1 17.3 25.9

