

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
 Data File : BP025648.D
 Acq On : 02 Sep 2025 21:44
 Operator : CG/JU
 Sample : Q2996-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONTAINMENT-A

Quant Time: Sep 03 01:05:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

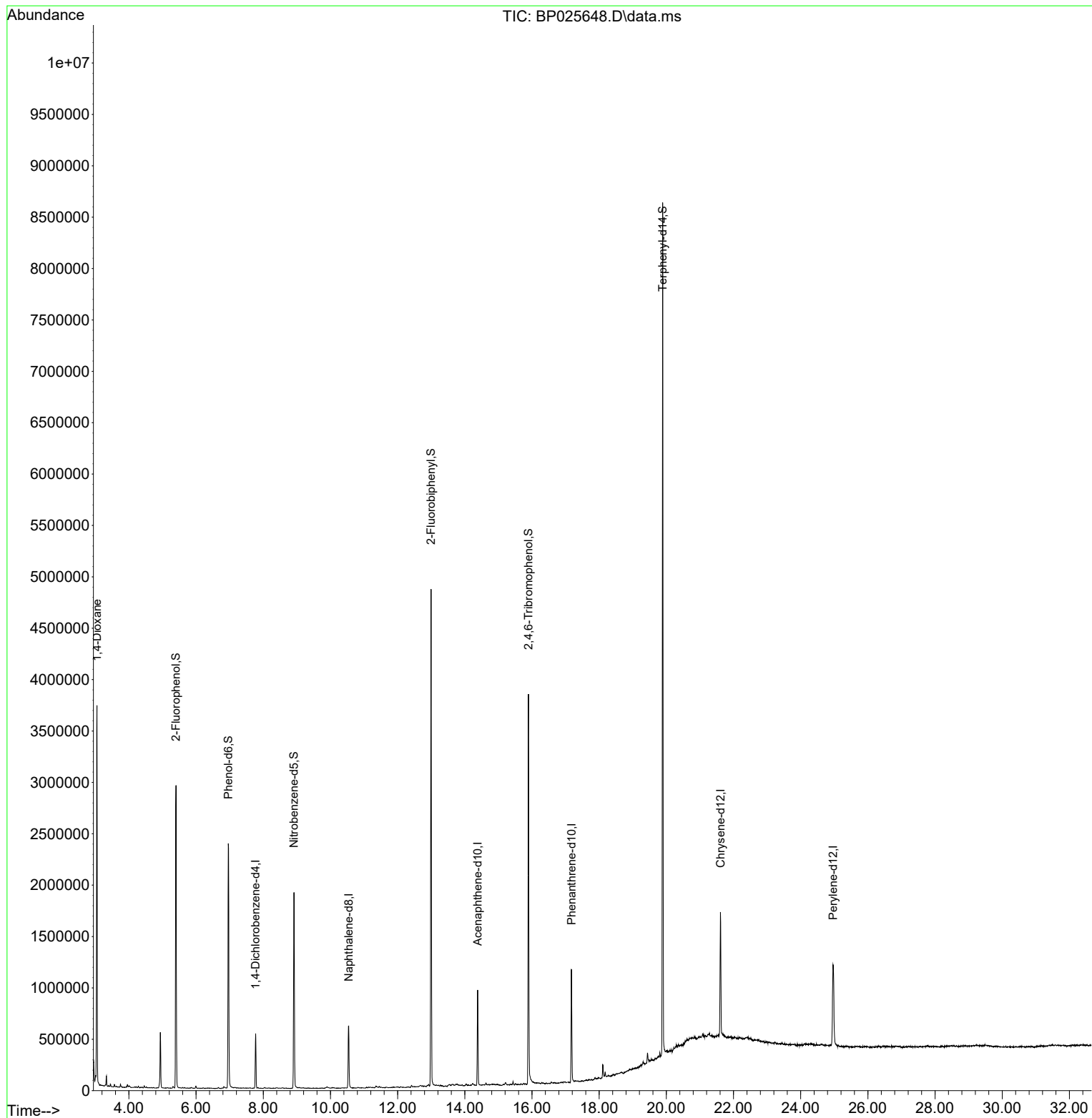
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	143847	20.000	ng	-0.02
21) Naphthalene-d8	10.542	136	548962	20.000	ng	-0.02
39) Acenaphthene-d10	14.383	164	343859	20.000	ng	-0.02
64) Phenanthrene-d10	17.177	188	698268	20.000	ng	-0.02
76) Chrysene-d12	21.612	240	786370	20.000	ng	-0.04
86) Perylene-d12	24.965	264	879712	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1276752	147.400	ng	0.00
7) Phenol-d6	6.960	99	1473302	132.668	ng	0.00
23) Nitrobenzene-d5	8.913	82	1100320	101.392	ng	-0.02
42) 2,4,6-Tribromophenol	15.895	330	794429	171.643	ng	-0.02
45) 2-Fluorobiphenyl	12.995	172	2394740	95.180	ng	-0.02
79) Terphenyl-d14	19.889	244	4173571	97.102	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.049	88	21278	6.271	ng	Qvalue # 1

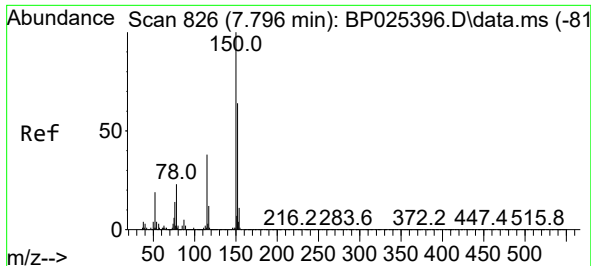
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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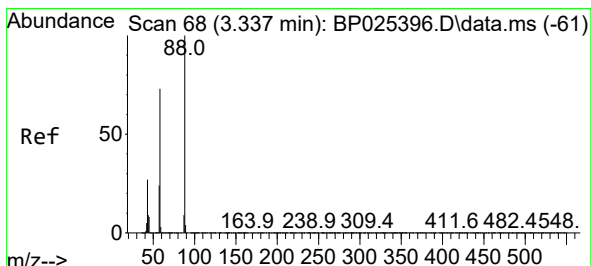
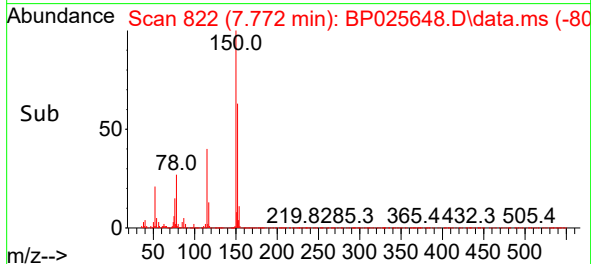
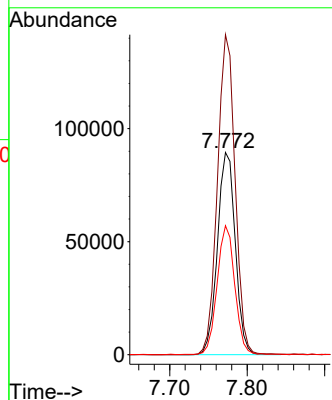
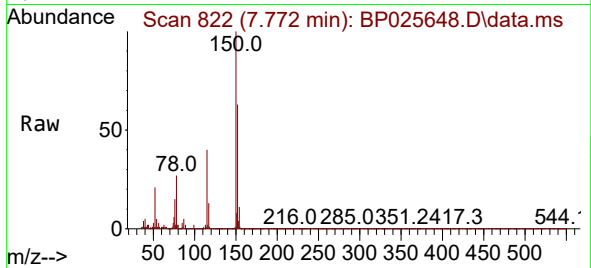




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.772 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP025648.D
 Acq: 02 Sep 2025 21:44

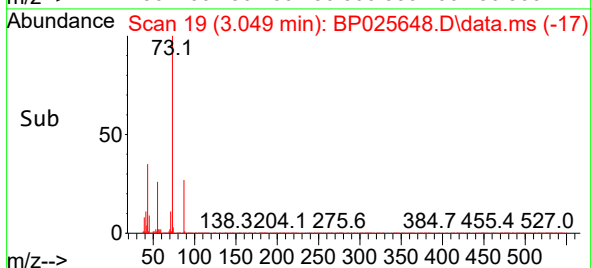
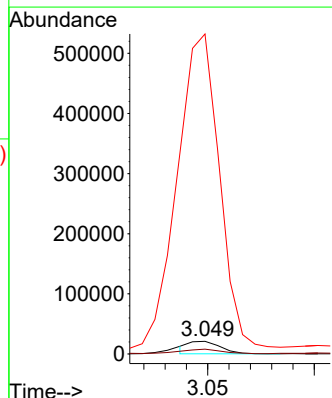
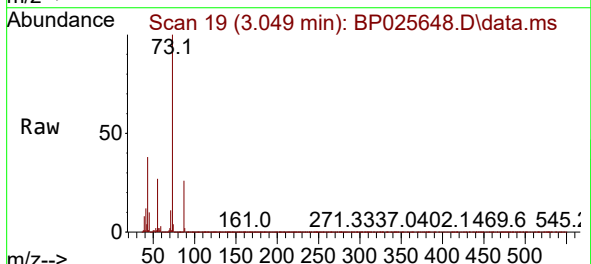
Instrument :
 BNA_P
 ClientSampleId :
 CONTAINMENT-A

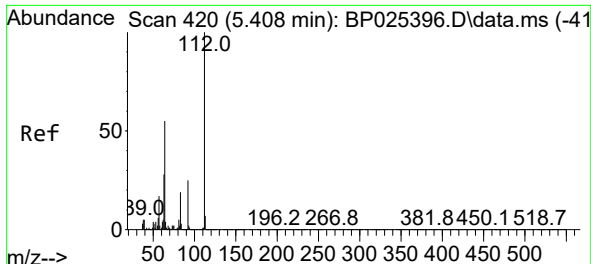
Tgt Ion:152 Resp: 143847
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.9 188.9
 115 63.8 48.5 72.7



#2
 1,4-Dioxane
 Concen: 6.271 ng
 RT: 3.049 min Scan# 19
 Delta R.T. -0.288 min
 Lab File: BP025648.D
 Acq: 02 Sep 2025 21:44

Tgt Ion: 88 Resp: 21278
 Ion Ratio Lower Upper
 88 100
 58 35.2 59.2 88.8#
 43 2461.8 21.7 32.5#

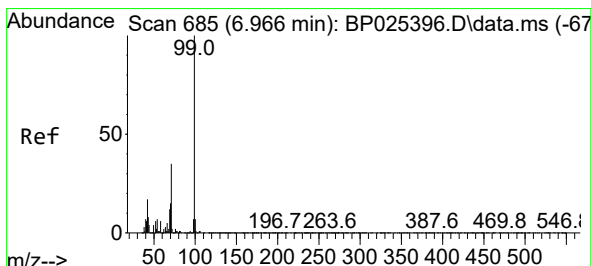
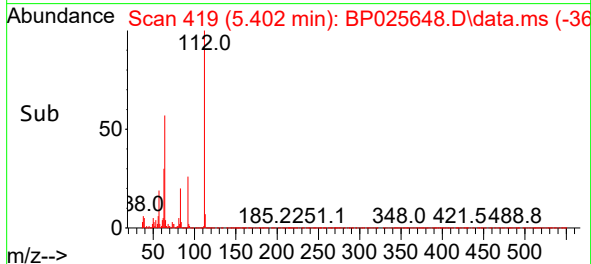
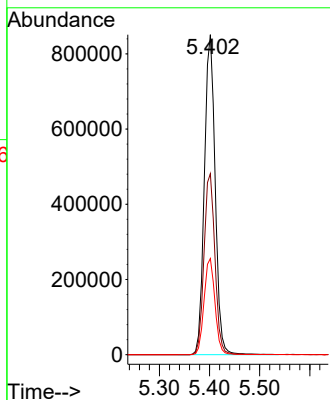
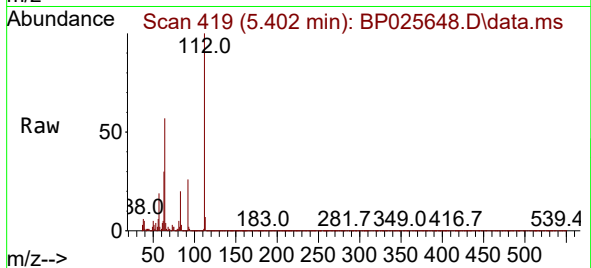




#5
2-Fluorophenol
Concen: 147.400 ng
RT: 5.402 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP025648.D
Acq: 02 Sep 2025 21:44

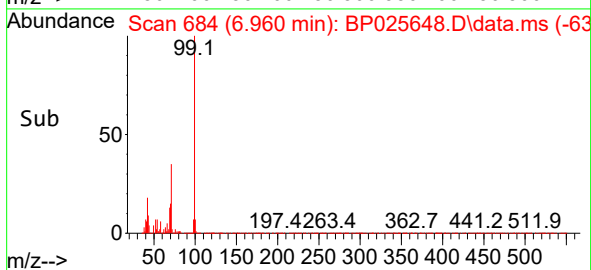
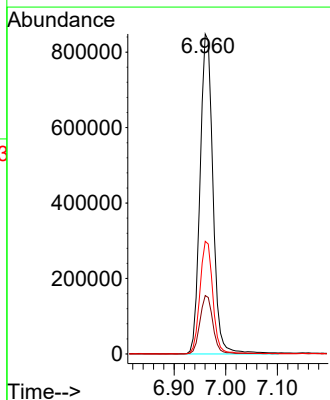
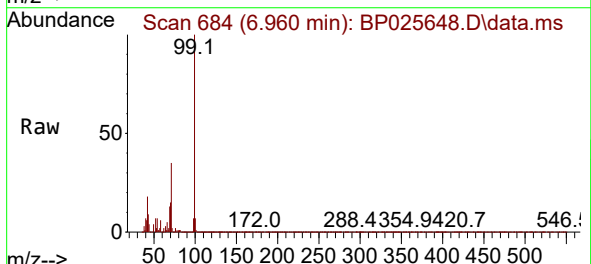
Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-A

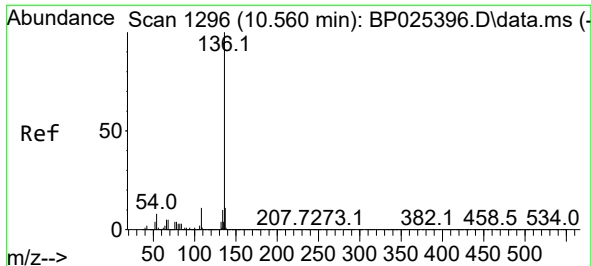
Tgt Ion:112 Resp: 1276752
Ion Ratio Lower Upper
112 100
64 56.6 43.8 65.8
63 30.0 22.7 34.1



#7
Phenol-d6
Concen: 132.668 ng
RT: 6.960 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP025648.D
Acq: 02 Sep 2025 21:44

Tgt Ion: 99 Resp: 1473302
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 35.2 28.2 42.4

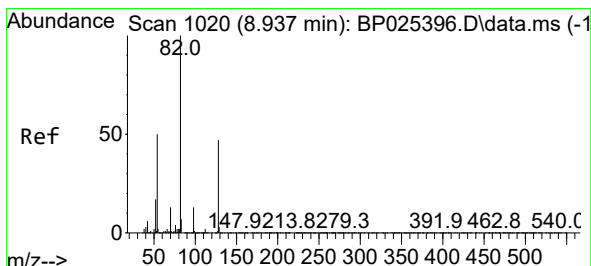
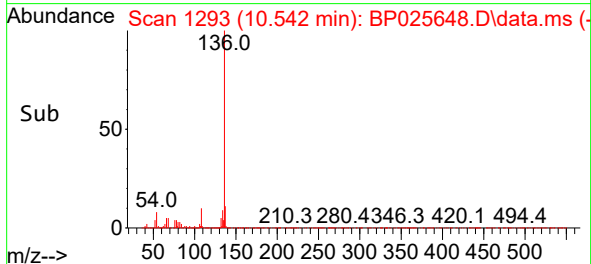
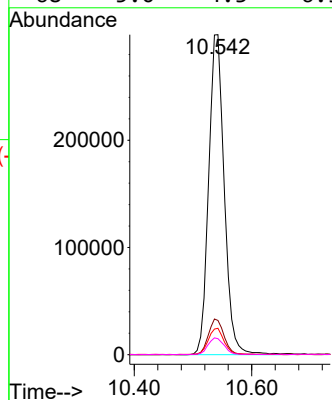
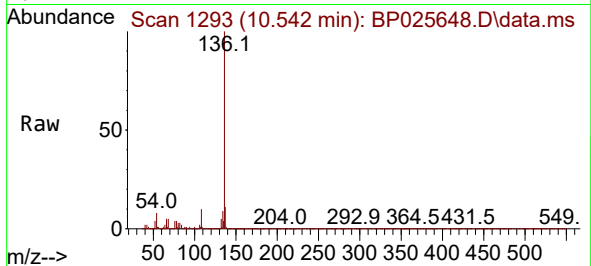




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.542 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025648.D
Acq: 02 Sep 2025 21:44

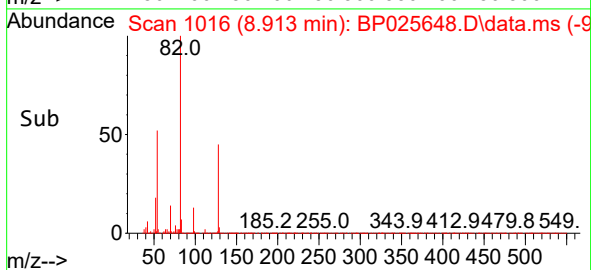
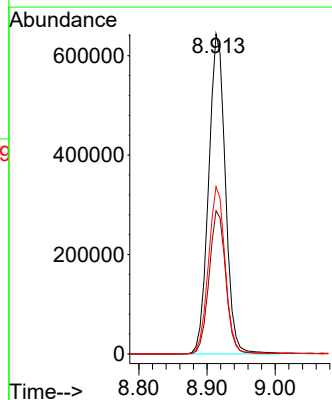
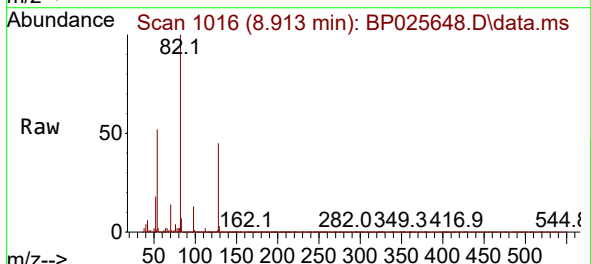
Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-A

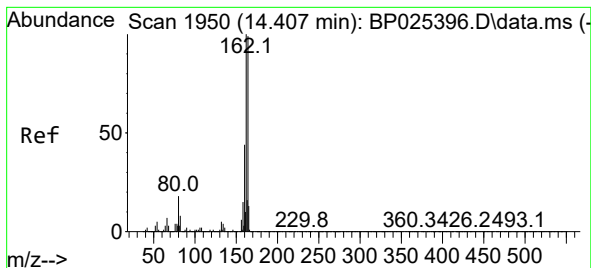
Tgt Ion:	136	Resp:	548962
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.2	6.0	9.0
68	5.0	4.3	6.5



#23
Nitrobenzene-d5
Concen: 101.392 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025648.D
Acq: 02 Sep 2025 21:44

Tgt Ion:	82	Resp:	1100320
Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.7	56.5
54	52.3	39.8	59.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.383 min Scan# 1946

Delta R.T. -0.024 min

Lab File: BP025648.D

Acq: 02 Sep 2025 21:44

Instrument :

BNA_P

ClientSampleId :

CONTAINMENT-A

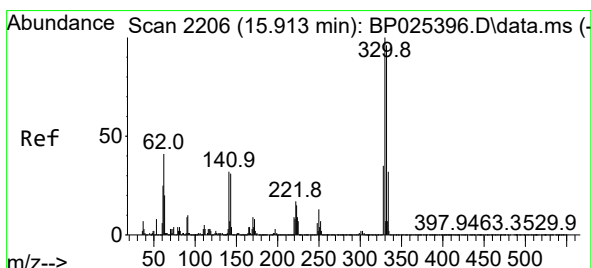
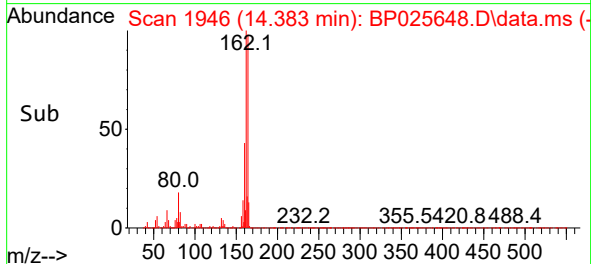
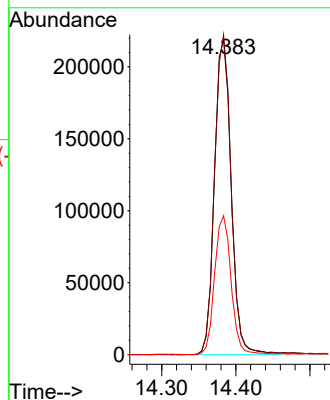
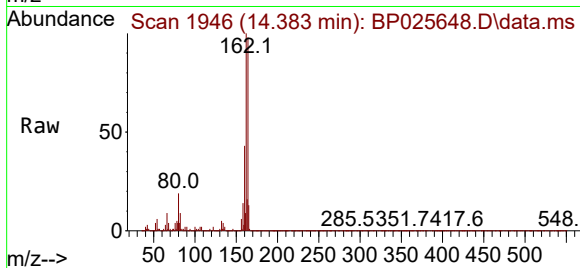
Tgt Ion:164 Resp: 343859

Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.6

160 44.1 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 171.643 ng

RT: 15.895 min Scan# 2203

Delta R.T. -0.018 min

Lab File: BP025648.D

Acq: 02 Sep 2025 21:44

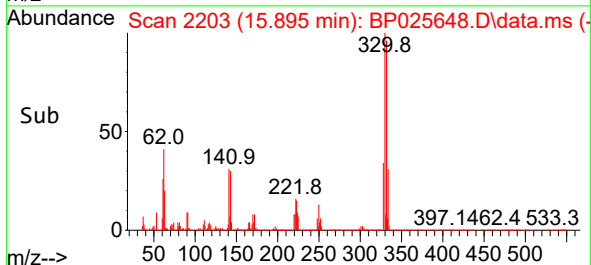
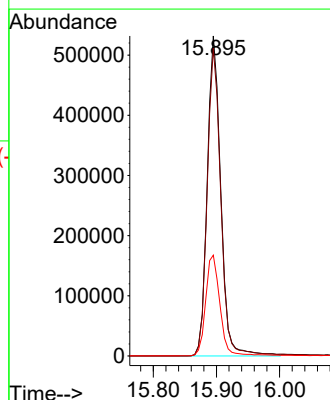
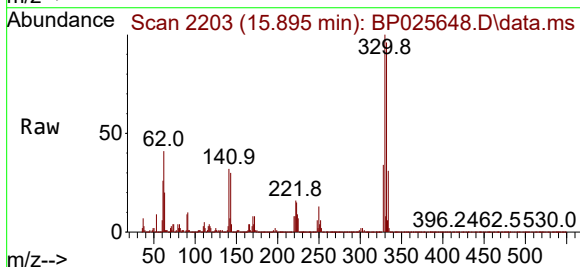
Tgt Ion:330 Resp: 794429

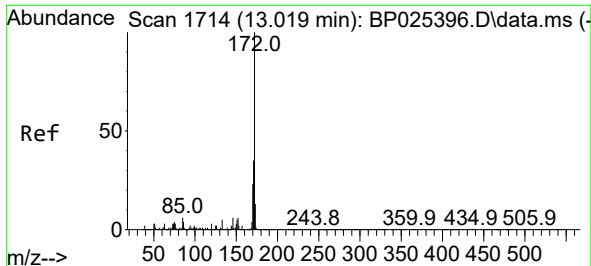
Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

141 33.4 26.6 39.8

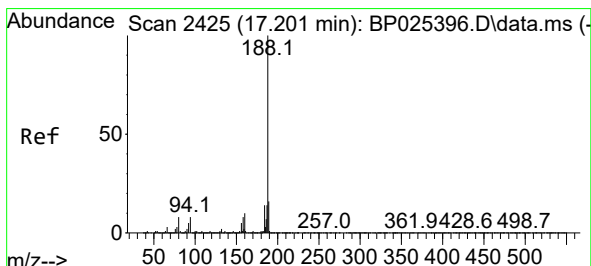
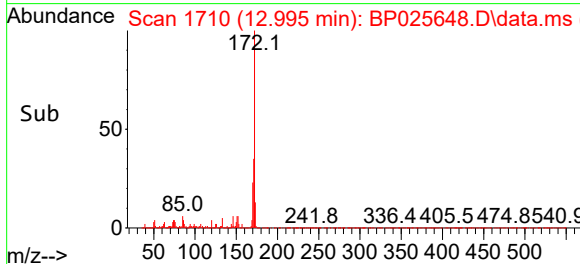
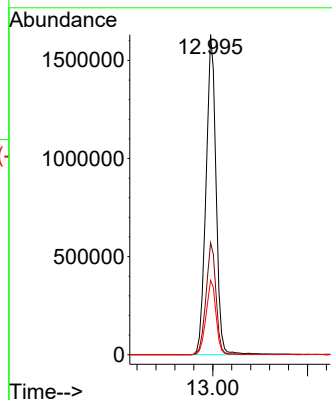
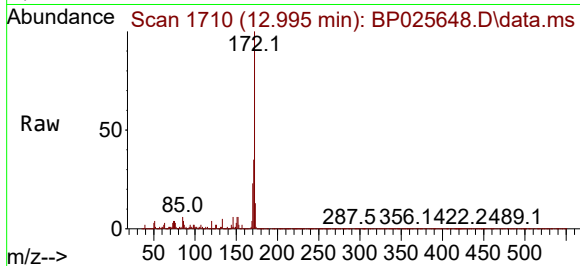




#45
2-Fluorobiphenyl
Concen: 95.180 ng
RT: 12.995 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP025648.D
Acq: 02 Sep 2025 21:44

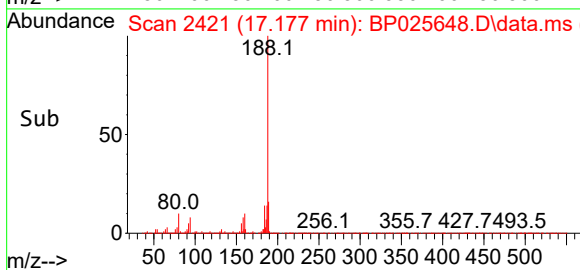
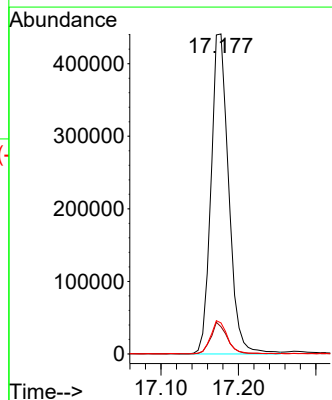
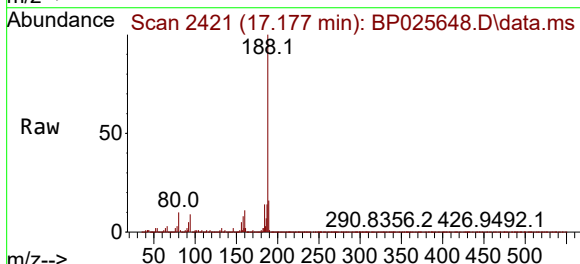
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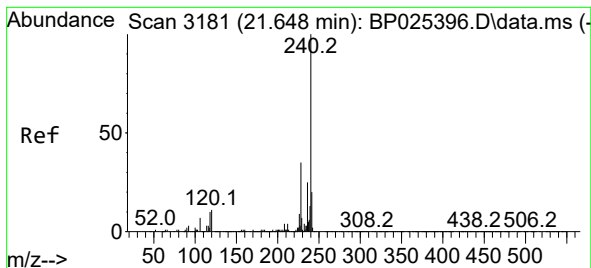
Tgt Ion:172 Resp: 2394740
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.3 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.177 min Scan# 2421
Delta R.T. -0.024 min
Lab File: BP025648.D
Acq: 02 Sep 2025 21:44

Tgt Ion:188 Resp: 698268
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.7 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.612 min Scan# 3181

Delta R.T. -0.035 min

Lab File: BP025648.D

Acq: 02 Sep 2025 21:44

Instrument :

BNA_P

ClientSampleId :

CONTAINMENT-A

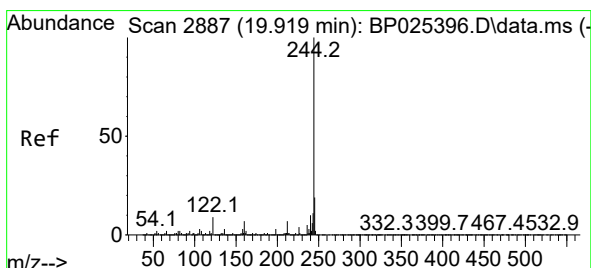
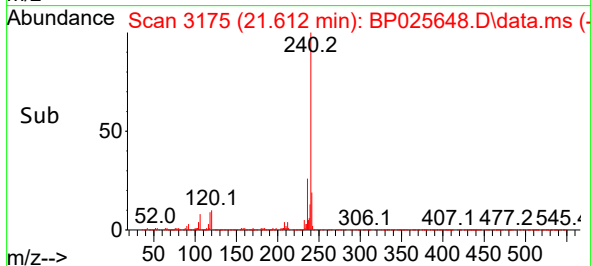
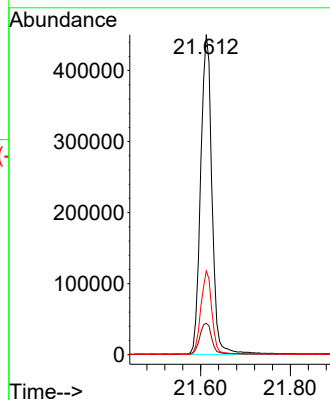
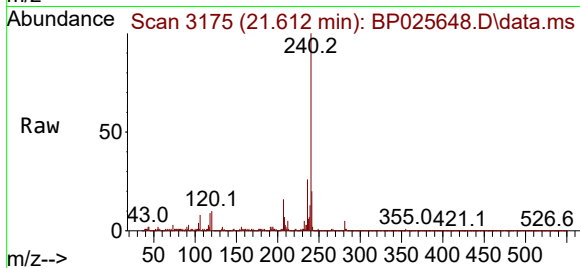
Tgt Ion:240 Resp: 786370

Ion Ratio Lower Upper

240 100

120 9.8 8.9 13.3

236 26.2 19.8 29.8



#79

Terphenyl-d14

Concen: 97.102 ng

RT: 19.889 min Scan# 2882

Delta R.T. -0.030 min

Lab File: BP025648.D

Acq: 02 Sep 2025 21:44

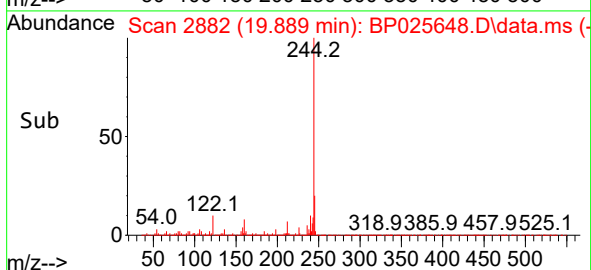
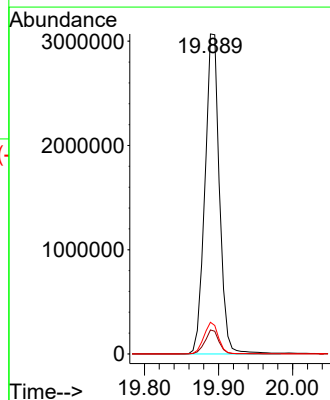
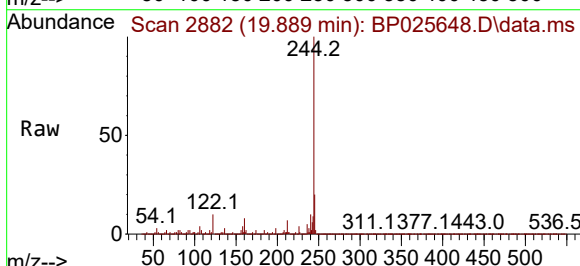
Tgt Ion:244 Resp: 4173571

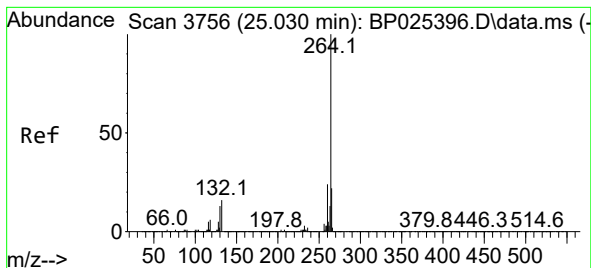
Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 9.9 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.965 min Scan# 31

Delta R.T. -0.065 min

Lab File: BP025648.D

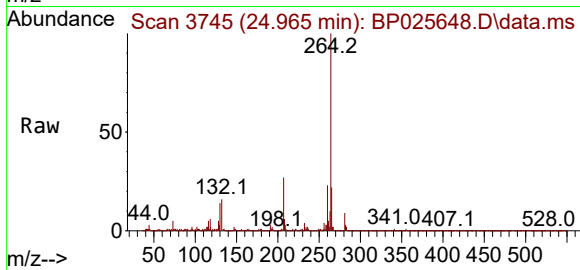
Acq: 02 Sep 2025 21:44

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:264 Resp: 879712

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 21.8 17.4 26.0

