

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
 Data File : BP025567.D
 Acq On : 25 Aug 2025 16:25
 Operator : CG/JU
 Sample : Q2932-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0002-CONCRETE

Quant Time: Aug 25 17:00:29 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)

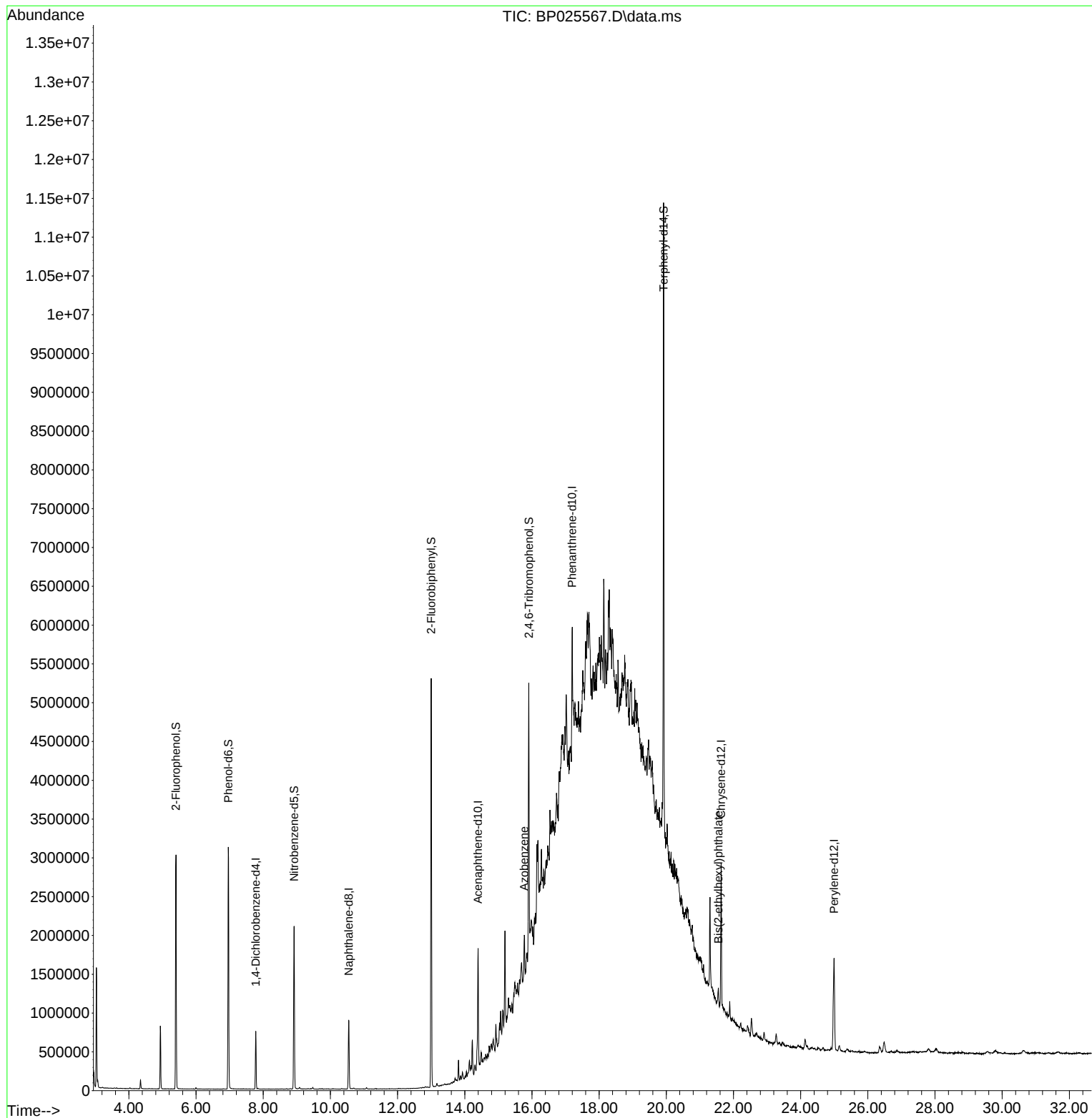
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	201999	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	798125	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	501586	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	872813	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	1022336	20.000	ng	-0.02
86) Perylene-d12	24.995	264	1200704	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1372530	112.840	ng	0.00
7) Phenol-d6	6.960	99	1829638	117.325	ng	0.00
23) Nitrobenzene-d5	8.919	82	1228254	77.847	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	729729	108.086	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2940629	80.124	ng	-0.02
79) Terphenyl-d14	19.919	244	4220139	75.524	ng	0.00
Target Compounds						
63) Azobenzene	15.772	77	119152	3.728	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.548	149	105057	2.370	ng	# 94

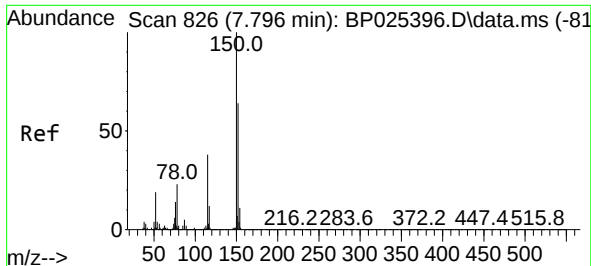
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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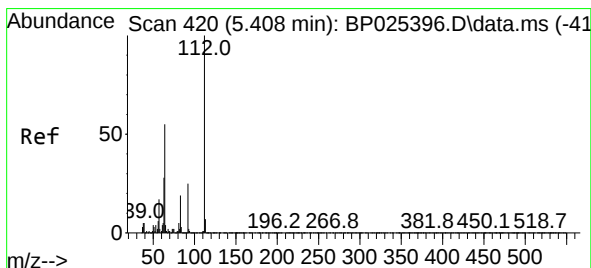
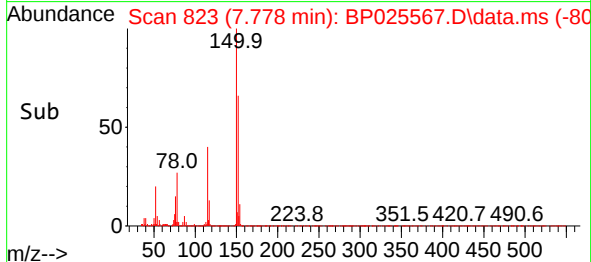
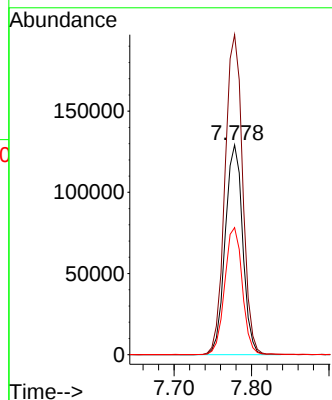
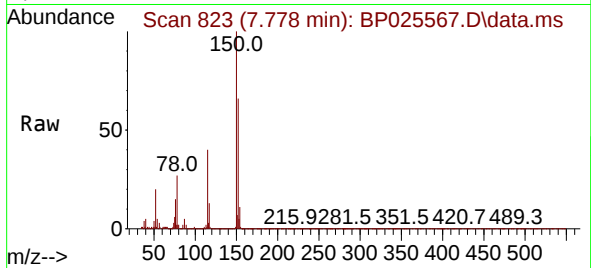




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025567.D
Acq: 25 Aug 2025 16:25

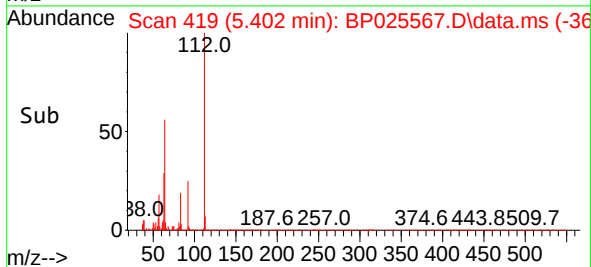
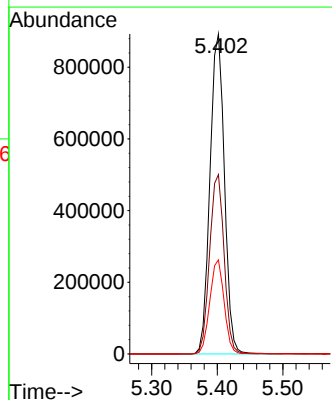
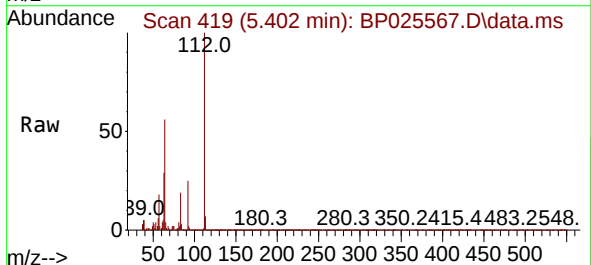
Instrument :
BNA_P
ClientSampleId :
ARS20-0002-CONCRETE

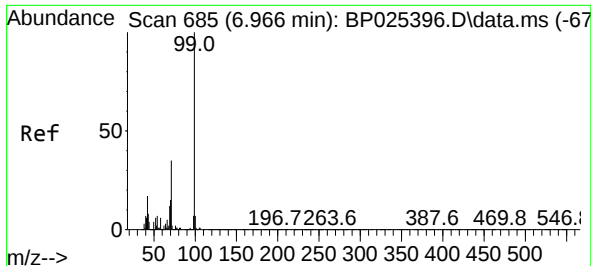
Tgt Ion:152 Resp: 201999
Ion Ratio Lower Upper
152 100
150 152.6 125.9 188.9
115 60.6 48.5 72.7



#5
2-Fluorophenol
Concen: 112.840 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025567.D
Acq: 25 Aug 2025 16:25

Tgt Ion:112 Resp: 1372530
Ion Ratio Lower Upper
112 100
64 56.0 43.8 65.8
63 29.4 22.7 34.1



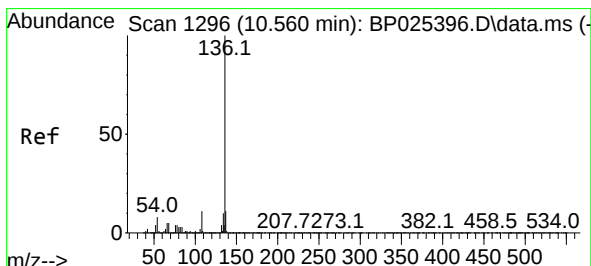
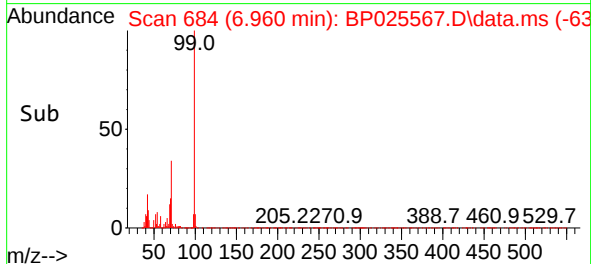
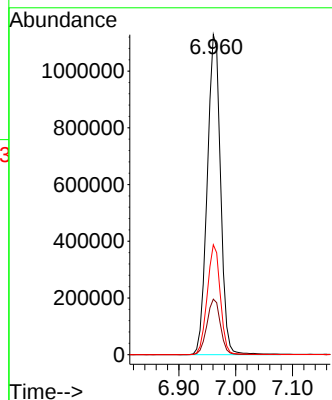
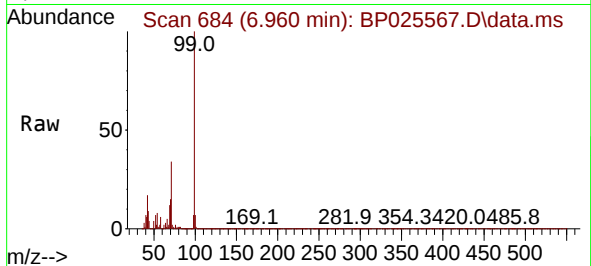


#7
Phenol-d6
Concen: 117.325 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025567.D
Acq: 25 Aug 2025 16:25

Instrument :
BNA_P
ClientSampleId :
ARS20-0002-CONCRETE

Tgt Ion: 99 Resp: 1829638

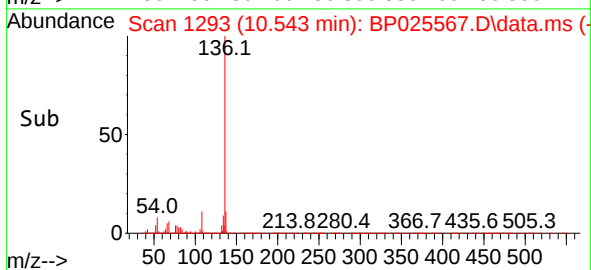
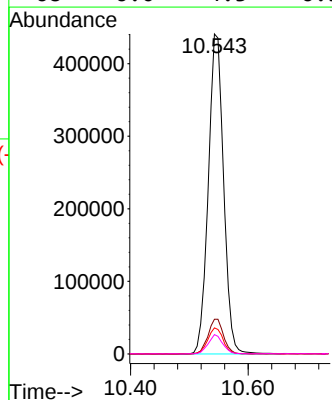
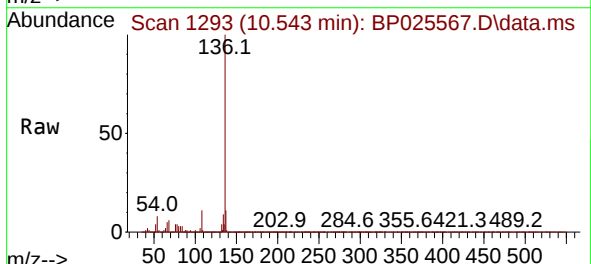
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.7	20.5
71	34.4	28.2	42.4

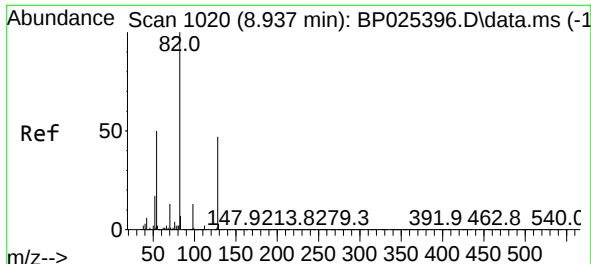


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025567.D
Acq: 25 Aug 2025 16:25

Tgt Ion:136 Resp: 798125

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.2	6.0	9.0
68	6.0	4.3	6.5

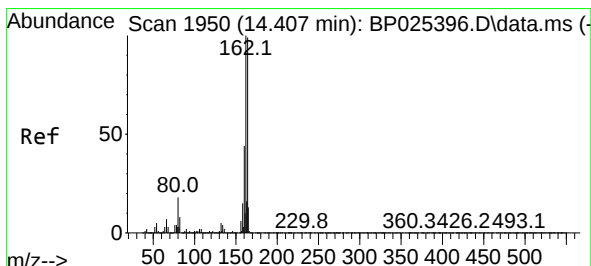
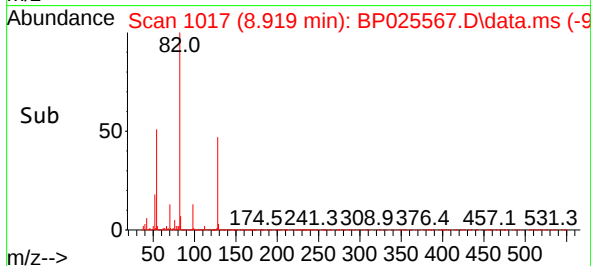
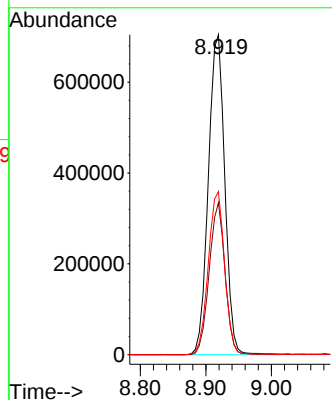
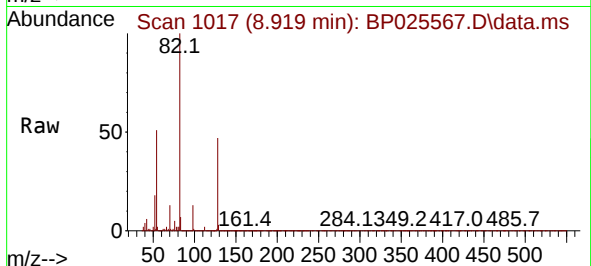




#23
Nitrobenzene-d5
Concen: 77.847 ng
RT: 8.919 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BP025567.D
Acq: 25 Aug 2025 16:25

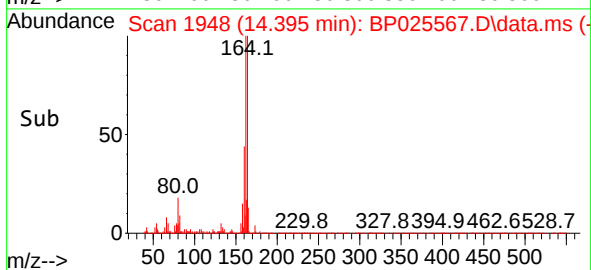
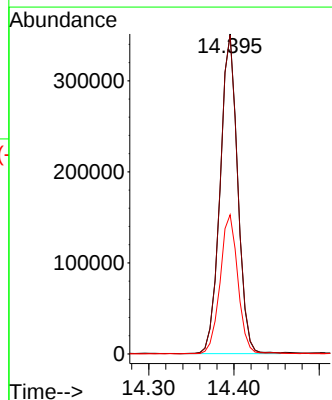
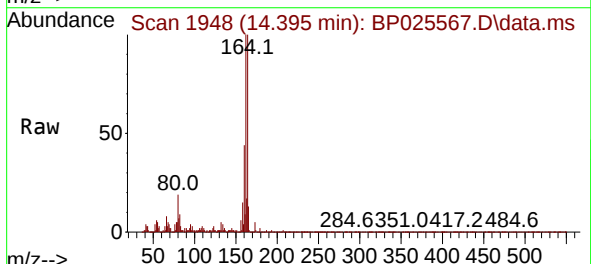
Instrument :
BNA_P
ClientSampleId :
ARS20-0002-CONCRETE

Tgt Ion: 82 Resp: 1228254
Ion Ratio Lower Upper
82 100
128 47.5 37.7 56.5
54 51.0 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025567.D
Acq: 25 Aug 2025 16:25

Tgt Ion:164 Resp: 501586
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.6
160 43.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 108.086 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025567.D

Acq: 25 Aug 2025 16:25

Instrument :

BNA_P

ClientSampleId :

ARS20-0002-CONCRETE

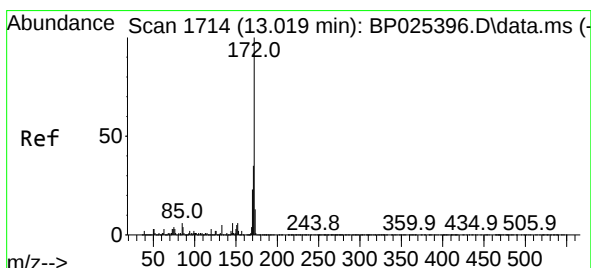
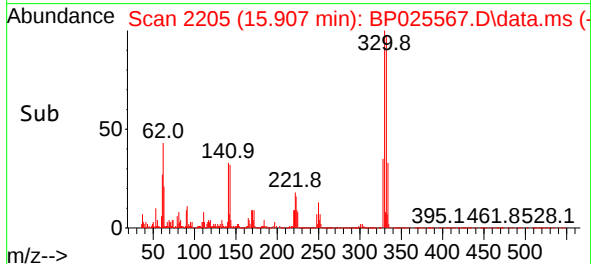
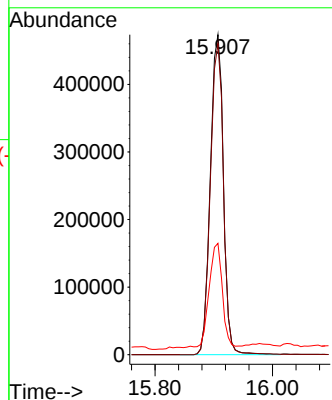
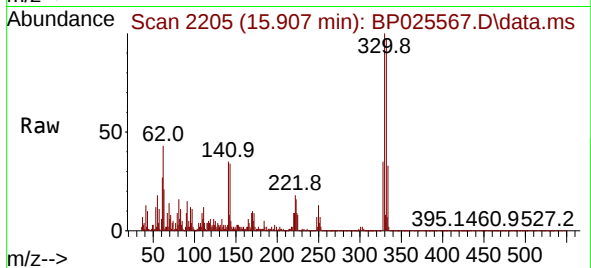
Tgt Ion:330 Resp: 729729

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

141 35.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 80.124 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025567.D

Acq: 25 Aug 2025 16:25

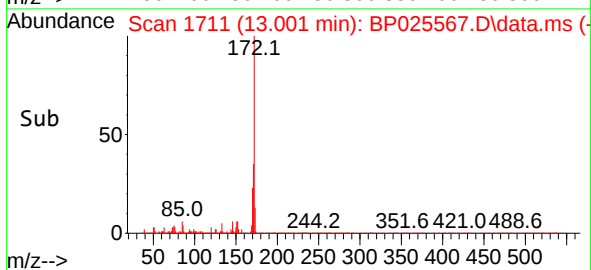
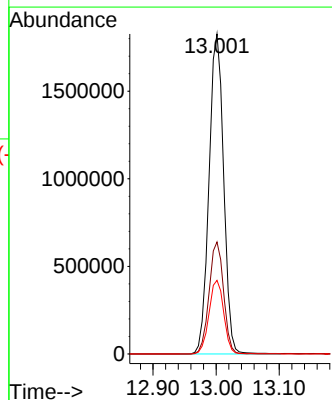
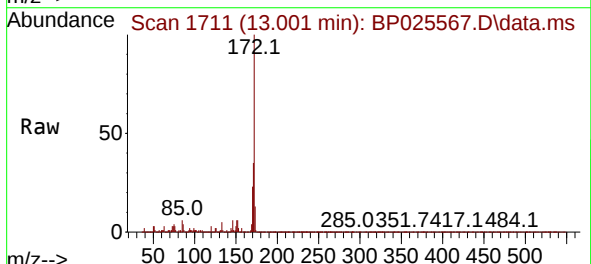
Tgt Ion:172 Resp: 2940629

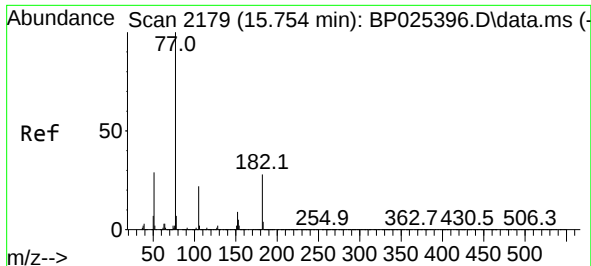
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.0 18.6 28.0

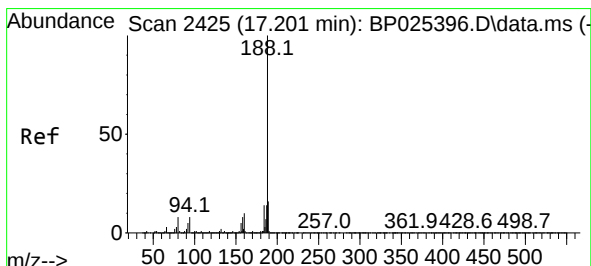
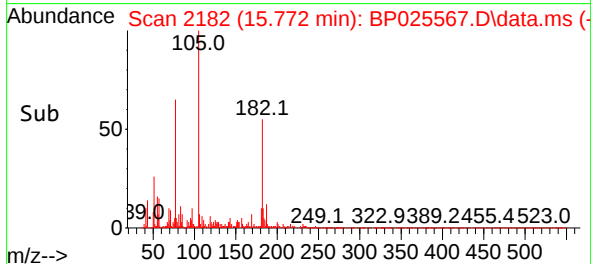
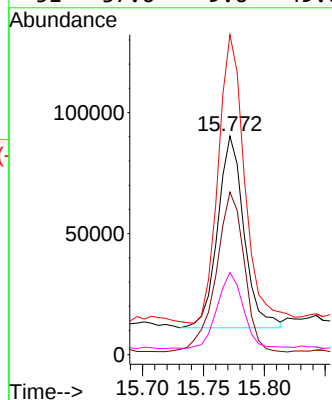
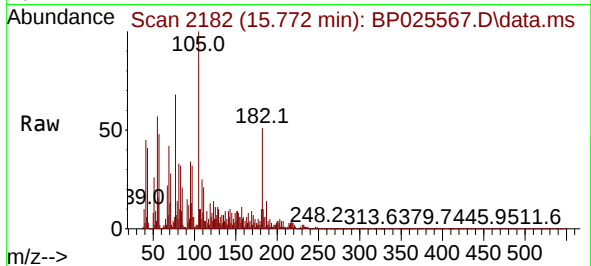




#63
Azobenzene
Concen: 3.728 ng
RT: 15.772 min Scan# 2179
Delta R.T. 0.018 min
Lab File: BP025567.D
Acq: 25 Aug 2025 16:25

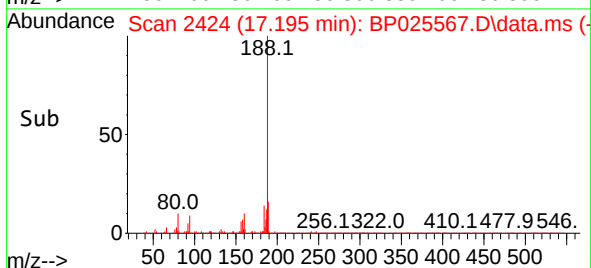
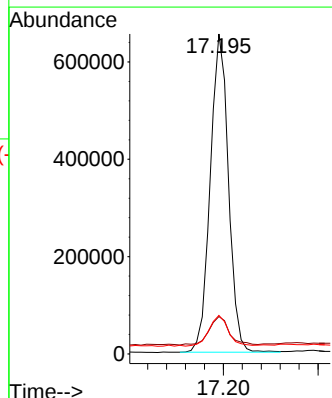
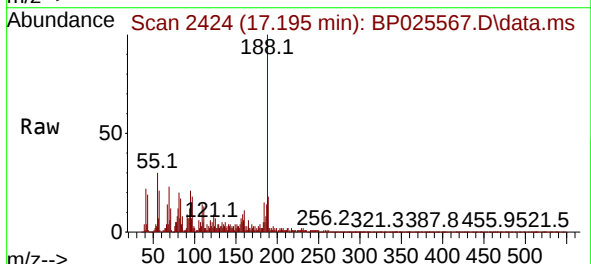
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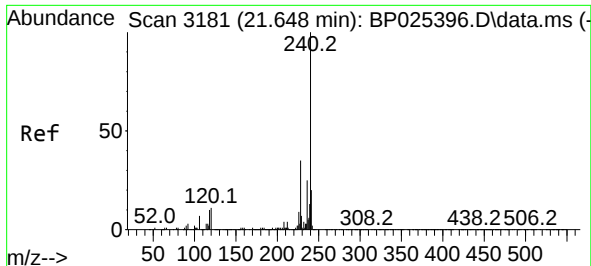
Tgt Ion: 77 Resp: 119152
Ion Ratio Lower Upper
77 100
182 74.4 7.5 47.5#
105 146.4 2.1 42.1#
51 37.6 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025567.D
Acq: 25 Aug 2025 16:25

Tgt Ion:188 Resp: 872813
Ion Ratio Lower Upper
188 100
94 11.7 6.6 10.0#
80 12.0 6.7 10.1#

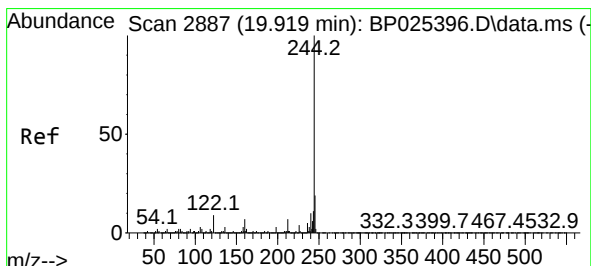
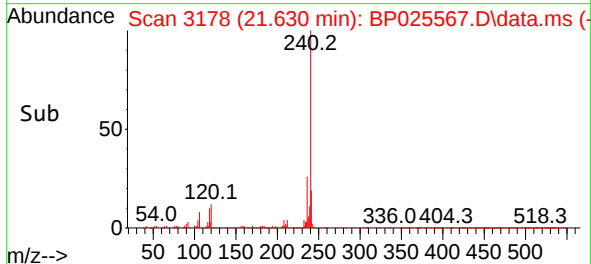
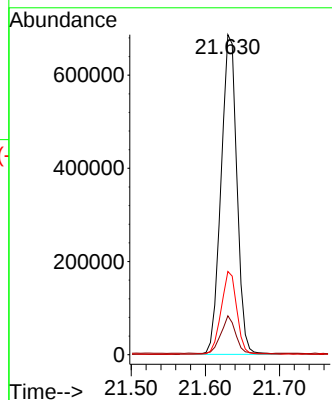
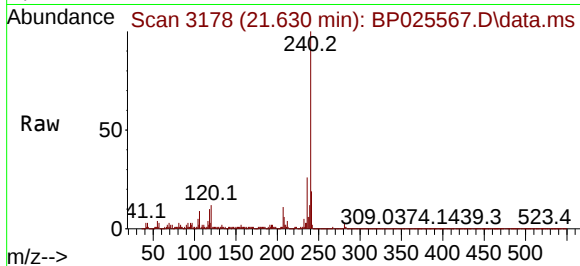




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3181
Delta R.T. -0.018 min
Lab File: BP025567.D
Acq: 25 Aug 2025 16:25

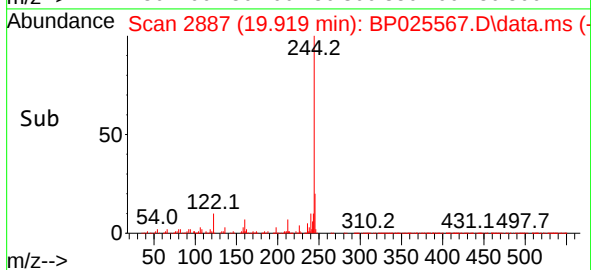
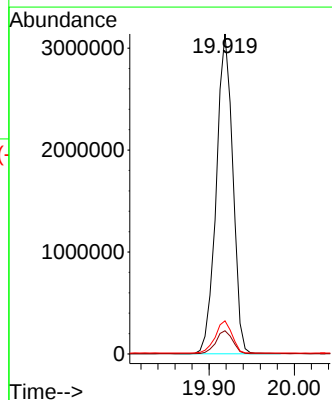
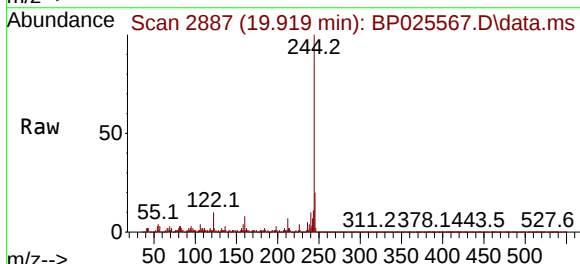
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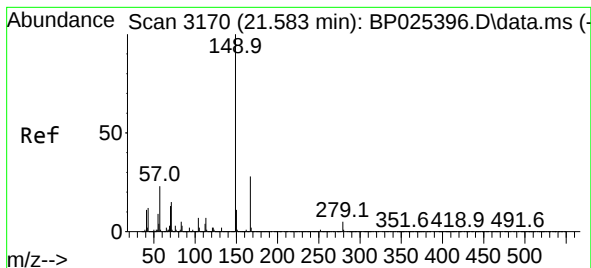
Tgt Ion:240 Resp: 1022336
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 26.0 19.8 29.8



#79
Terphenyl-d14
Concen: 75.524 ng
RT: 19.919 min Scan# 2887
Delta R.T. 0.000 min
Lab File: BP025567.D
Acq: 25 Aug 2025 16:25

Tgt Ion:244 Resp: 4220139
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 10.4 7.4 11.2

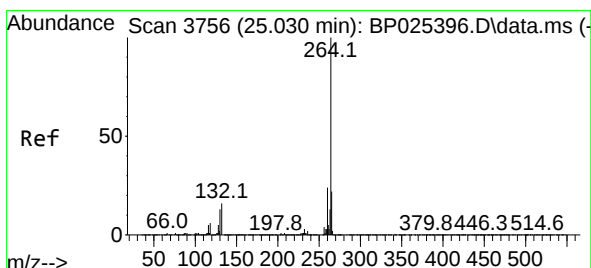
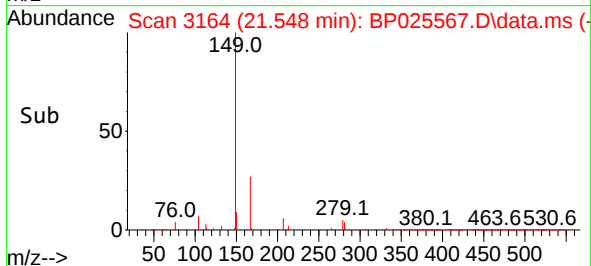
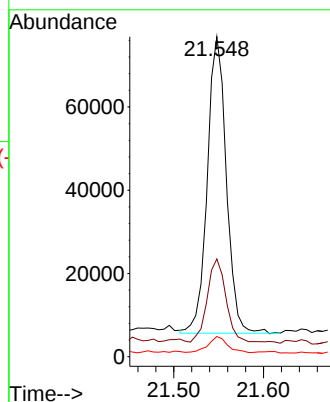
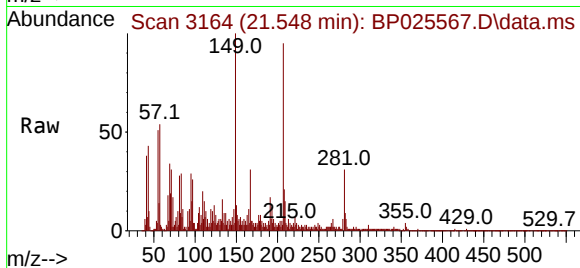




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.370 ng
 RT: 21.548 min Scan# 3170
 Delta R.T. -0.035 min
 Lab File: BP025567.D
 Acq: 25 Aug 2025 16:25

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:149 Resp: 105057
 Ion Ratio Lower Upper
 149 100
 167 30.6 22.1 33.1
 279 6.3 3.8 5.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.995 min Scan# 3750
 Delta R.T. -0.035 min
 Lab File: BP025567.D
 Acq: 25 Aug 2025 16:25

Tgt Ion:264 Resp: 1200704
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.5 17.4 26.0

