

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100725\
 Data File : BP025947.D
 Acq On : 07 Oct 2025 17:59
 Operator : RC/JU
 Sample : Q3293-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONC-STORAGE-PAD-1

Quant Time: Oct 07 18:26:05 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)

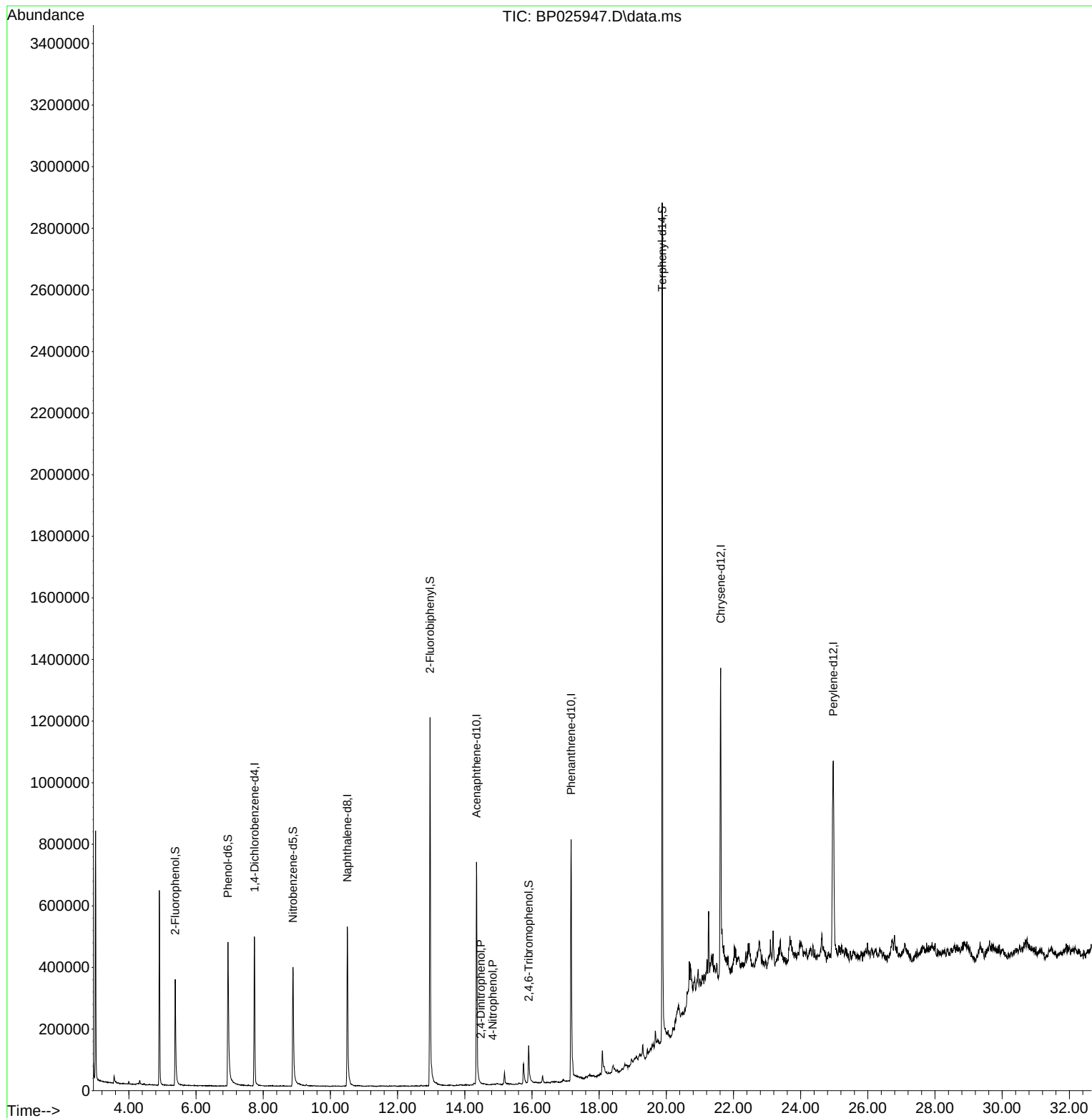
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	147546	20.000	ng	-0.02
21) Naphthalene-d8	10.501	136	529094	20.000	ng	-0.02
39) Acenaphthene-d10	14.348	164	326525	20.000	ng	-0.03
64) Phenanthrene-d10	17.166	188	628950	20.000	ng	-0.02
76) Chrysene-d12	21.618	240	698419	20.000	ng	-0.02
86) Perylene-d12	24.971	264	819919	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	188133	20.574	ng	0.00
7) Phenol-d6	6.949	99	425499	35.008	ng	0.00
23) Nitrobenzene-d5	8.884	82	321238	26.782	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	35919	8.819	ng	0.00
45) 2-Fluorobiphenyl	12.966	172	771799	31.472	ng	-0.02
79) Terphenyl-d14	19.877	244	1349835	34.769	ng	-0.04
Target Compounds						
54) 2,4-Dinitrophenol	14.472	184	13	4.828	ng	# 1
56) 4-Nitrophenol	14.831	139	106	4.503	ng	87

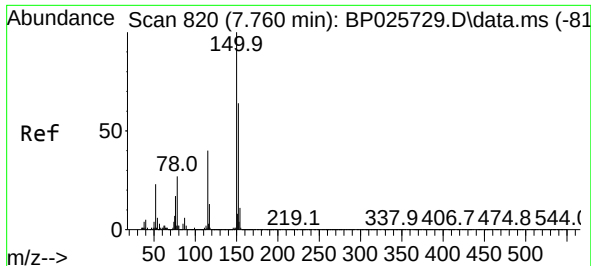
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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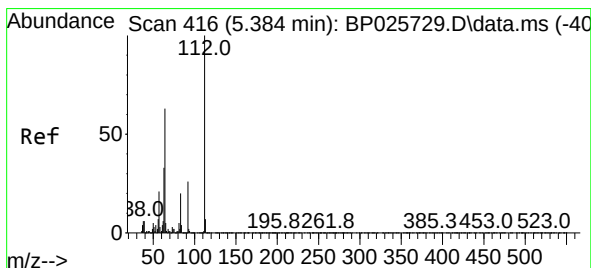
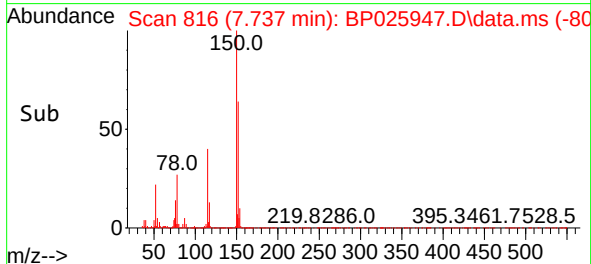
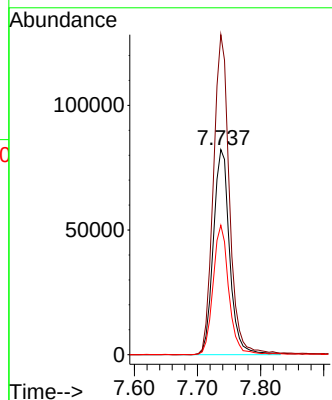
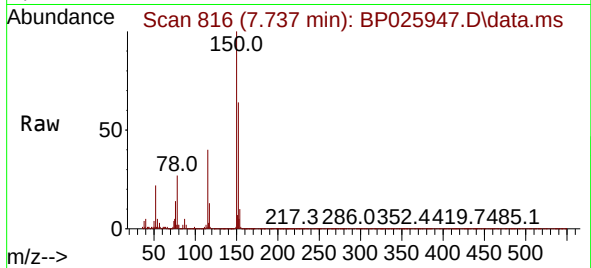




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.737 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BP025947.D
 Acq: 07 Oct 2025 17:59

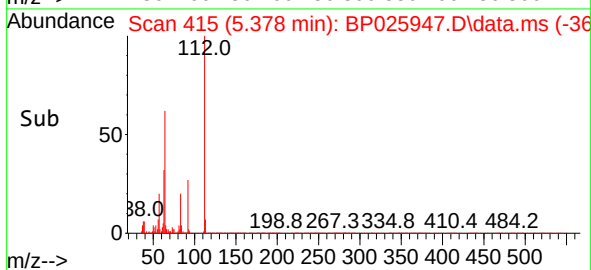
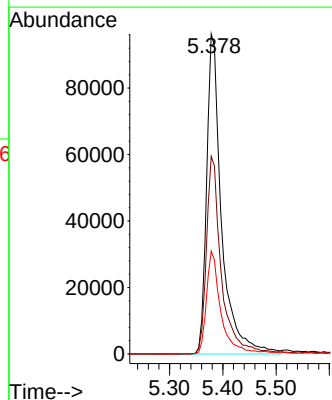
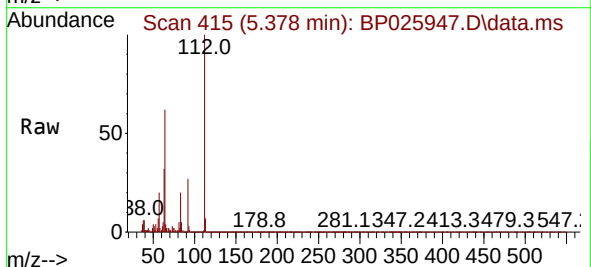
Instrument :
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 ClientSampleId :
 CONC-STORAGE-PAD-1

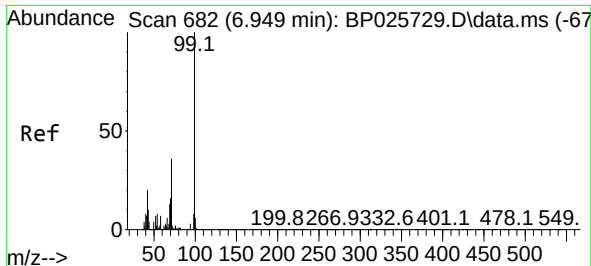
Tgt Ion:152 Resp: 147546
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.3 186.5
 115 63.1 50.3 75.5



#5
 2-Fluorophenol
 Concen: 20.574 ng
 RT: 5.378 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: BP025947.D
 Acq: 07 Oct 2025 17:59

Tgt Ion:112 Resp: 188133
 Ion Ratio Lower Upper
 112 100
 64 61.7 50.2 75.4
 63 32.1 26.7 40.1

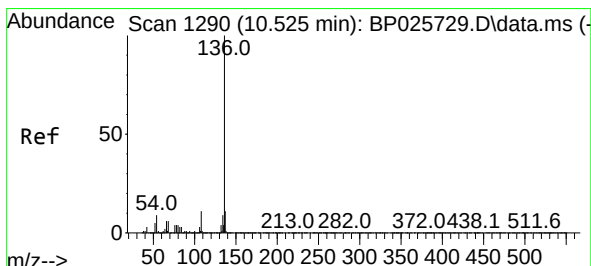
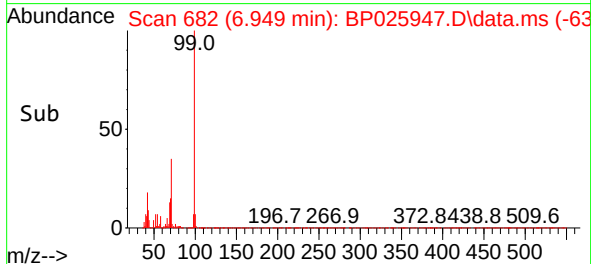
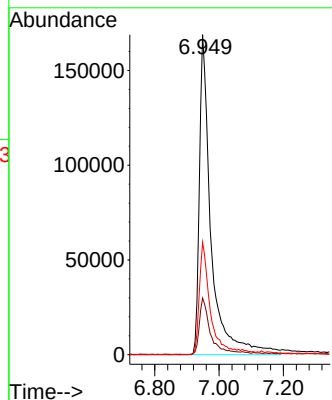
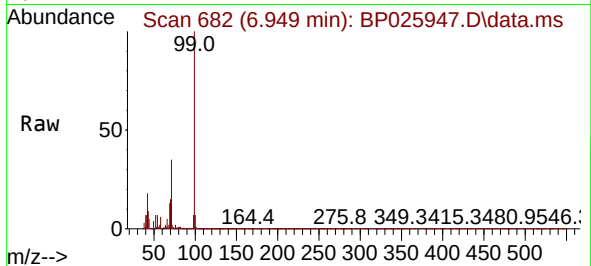




#7
Phenol-d6
Concen: 35.008 ng
RT: 6.949 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025947.D
Acq: 07 Oct 2025 17:59

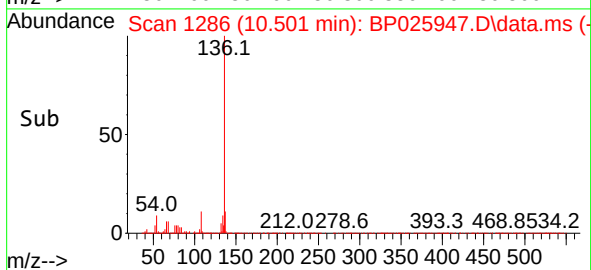
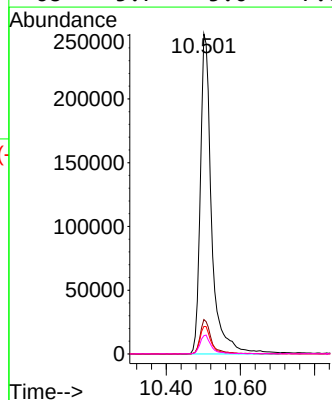
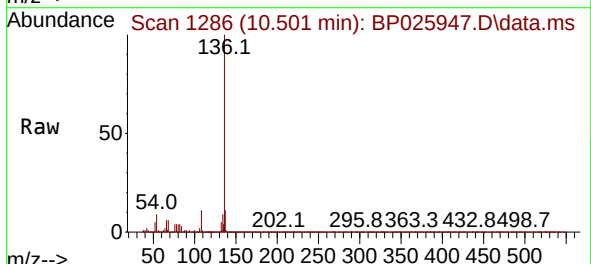
Instrument :
BNA_P
ClientSampleId :
CONC-STORAGE-PAD-1

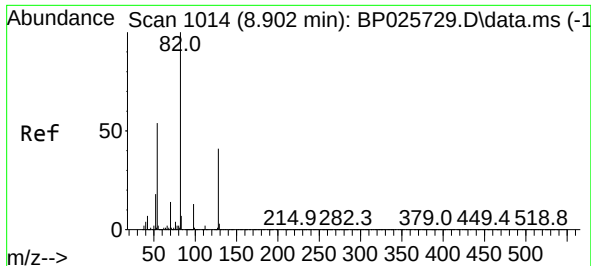
Tgt Ion: 99 Resp: 425499
Ion Ratio Lower Upper
99 100
42 17.7 15.6 23.4
71 35.1 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.501 min Scan# 1286
Delta R.T. -0.024 min
Lab File: BP025947.D
Acq: 07 Oct 2025 17:59

Tgt Ion:136 Resp: 529094
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.6 7.5 11.3
68 5.7 5.0 7.6

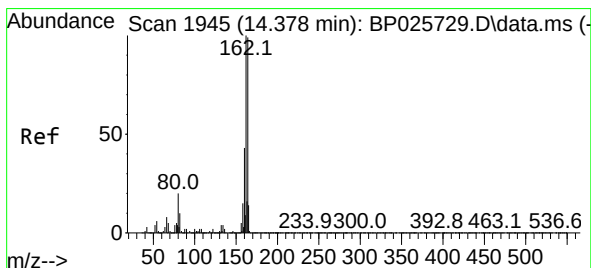
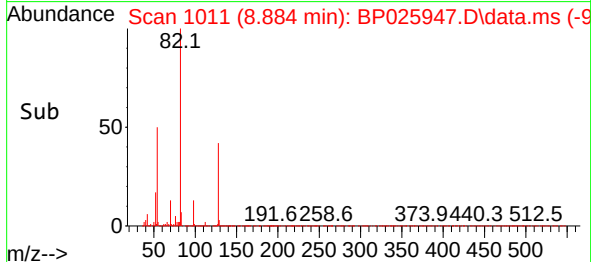
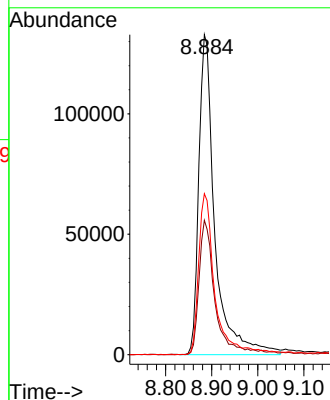
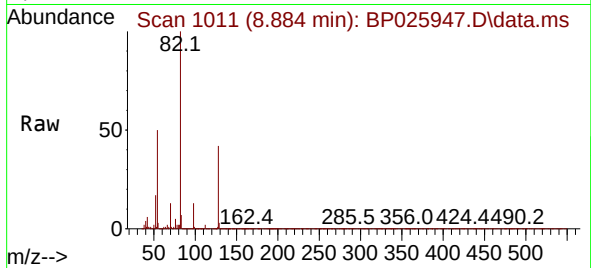




#23
Nitrobenzene-d5
Concen: 26.782 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025947.D
Acq: 07 Oct 2025 17:59

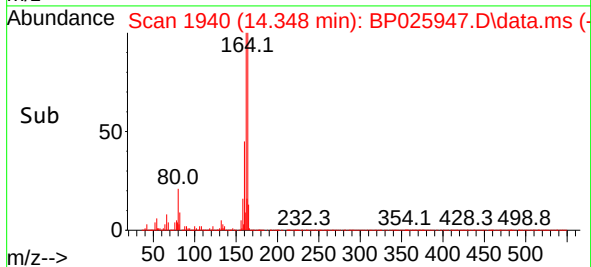
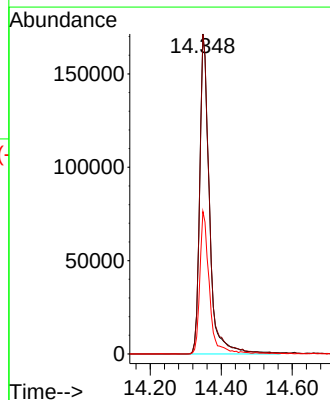
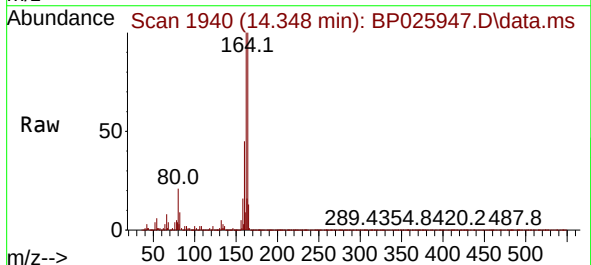
Instrument :
BNA_P
ClientSampleId :
CONC-STORAGE-PAD-1

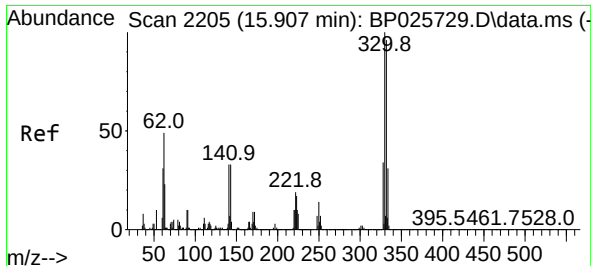
Tgt Ion: 82 Resp: 321238
Ion Ratio Lower Upper
82 100
128 42.0 32.9 49.3
54 50.3 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.030 min
Lab File: BP025947.D
Acq: 07 Oct 2025 17:59

Tgt Ion:164 Resp: 326525
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 44.5 35.0 52.6

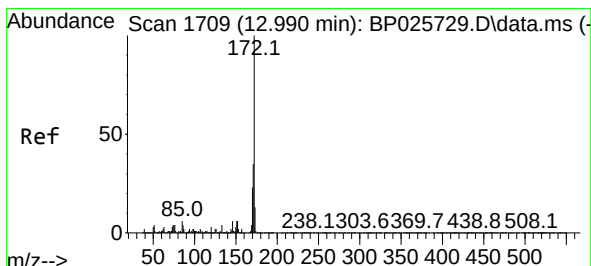
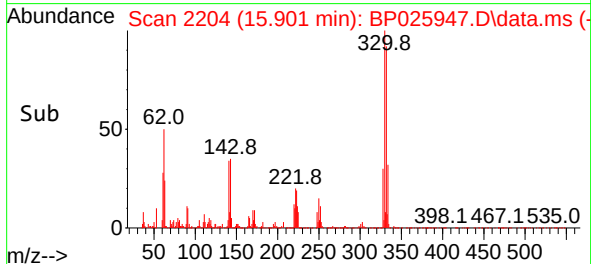
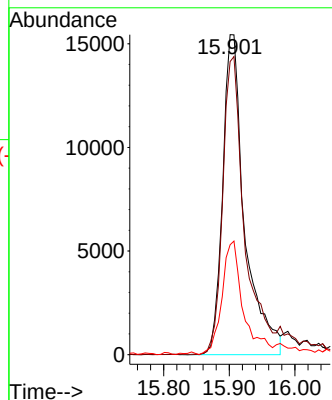
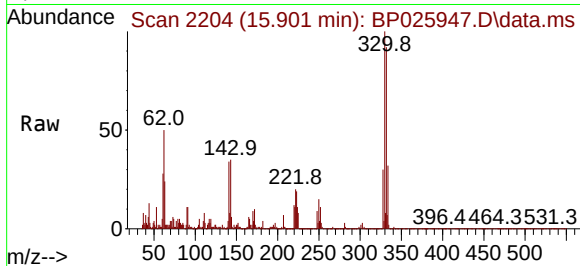




#42
2,4,6-Tribromophenol
Concen: 8.819 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025947.D
Acq: 07 Oct 2025 17:59

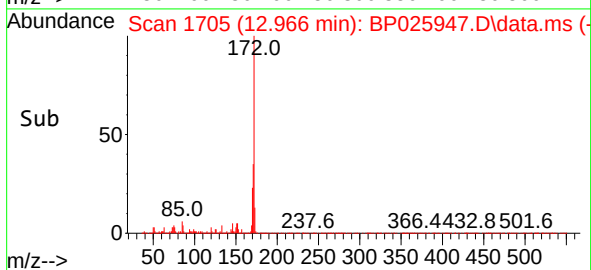
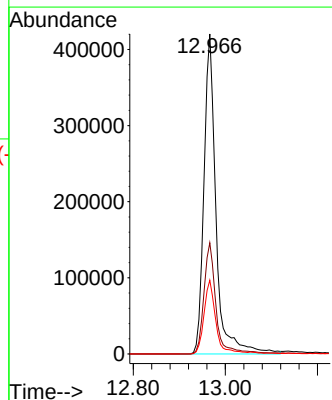
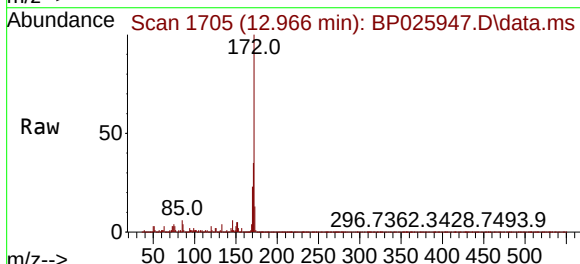
Instrument :
BNA_P
ClientSampleId :
CONC-STORAGE-PAD-1

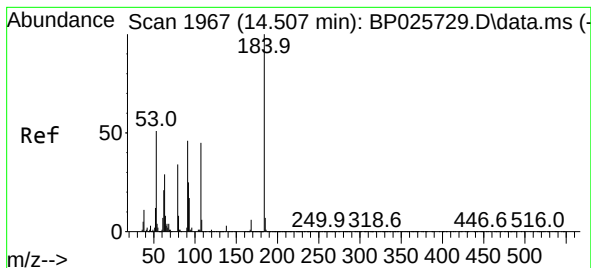
Tgt Ion:330 Resp: 35919
Ion Ratio Lower Upper
330 100
332 92.7 76.9 115.3
141 34.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 31.472 ng
RT: 12.966 min Scan# 1705
Delta R.T. -0.024 min
Lab File: BP025947.D
Acq: 07 Oct 2025 17:59

Tgt Ion:172 Resp: 771799
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.1 18.6 27.8

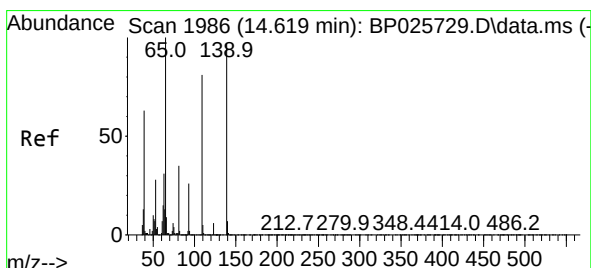
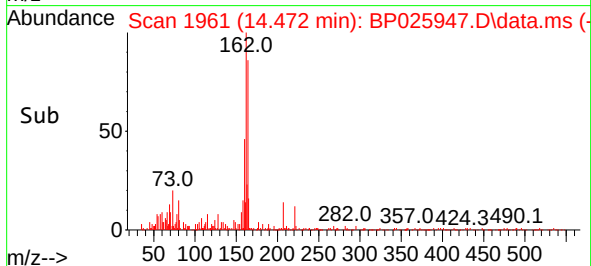
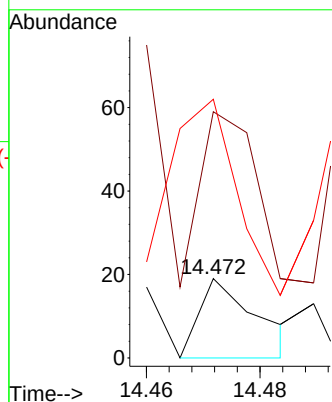
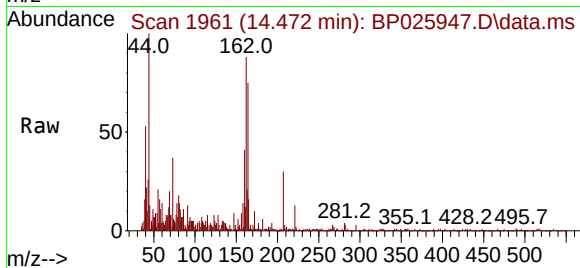




#54
2,4-Dinitrophenol
Concen: 4.828 ng
RT: 14.472 min Scan# 1967
Delta R.T. -0.035 min
Lab File: BP025947.D
Acq: 07 Oct 2025 17:59

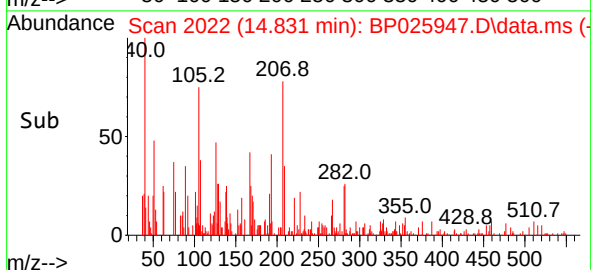
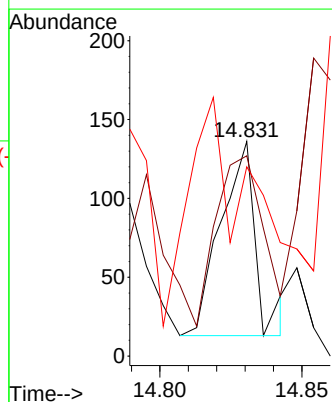
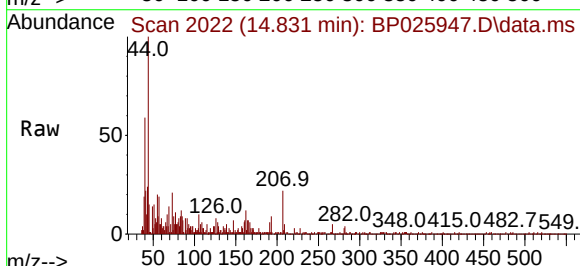
Instrument :
BNA_P
ClientSampleId :
CONC-STORAGE-PAD-1

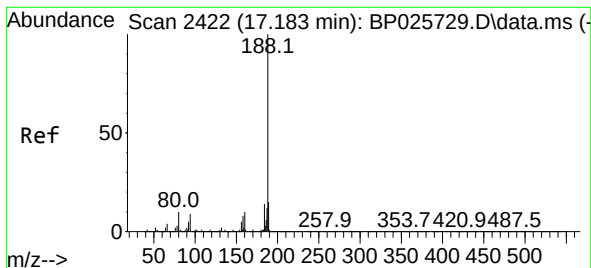
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 310.5 52.5 78.7#
154 378.9 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.503 ng
RT: 14.831 min Scan# 2022
Delta R.T. 0.212 min
Lab File: BP025947.D
Acq: 07 Oct 2025 17:59

Tgt Ion:139 Resp: 106
Ion Ratio Lower Upper
139 100
109 93.4 62.9 102.9
65 88.2 83.4 123.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.166 min Scan# 2422

Delta R.T. -0.018 min

Lab File: BP025947.D

Acq: 07 Oct 2025 17:59

Instrument :

BNA_P

ClientSampleId :

CONC-STORAGE-PAD-1

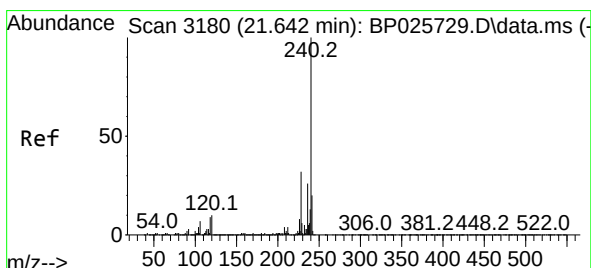
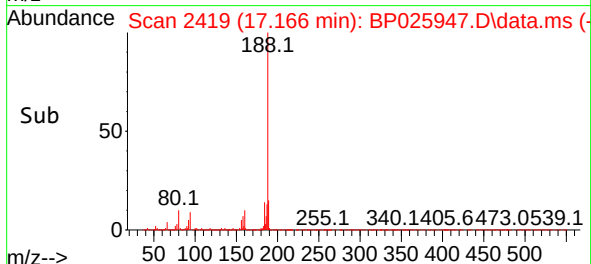
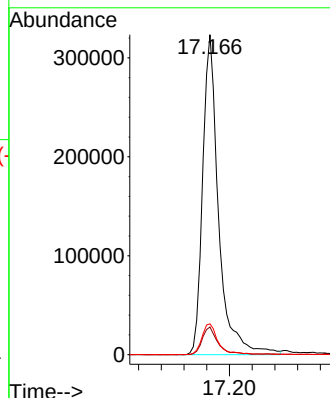
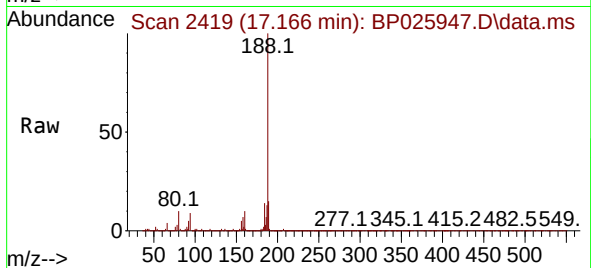
Tgt Ion:188 Resp: 628950

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.0

80 9.7 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.618 min Scan# 3176

Delta R.T. -0.024 min

Lab File: BP025947.D

Acq: 07 Oct 2025 17:59

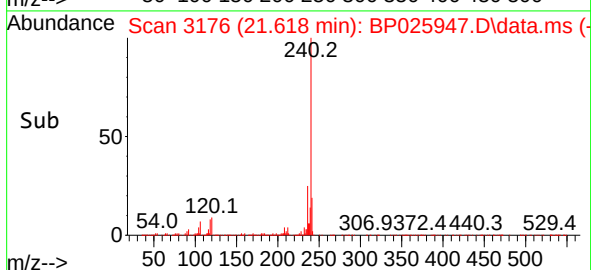
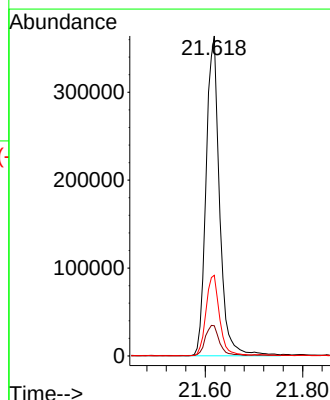
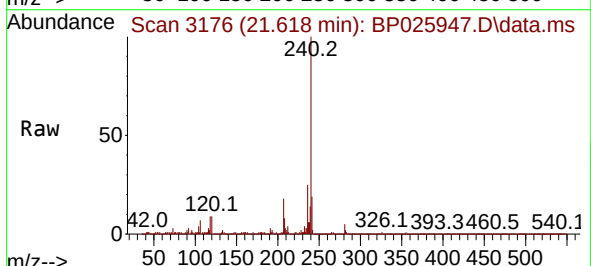
Tgt Ion:240 Resp: 698419

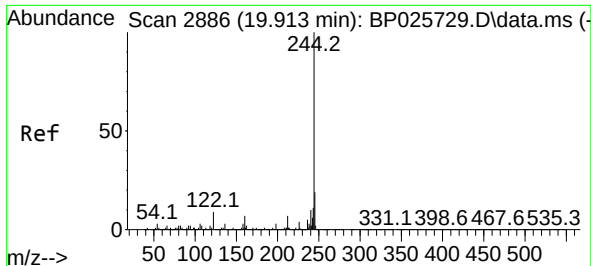
Ion Ratio Lower Upper

240 100

120 9.4 8.0 12.0

236 25.2 20.7 31.1

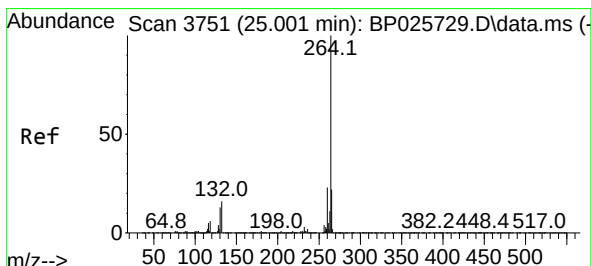
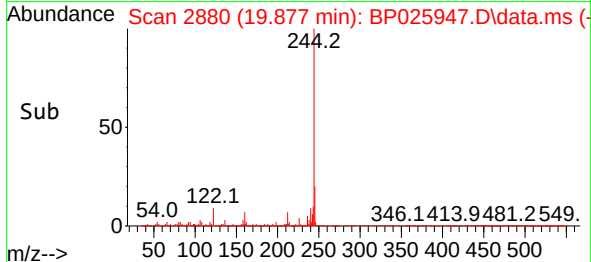
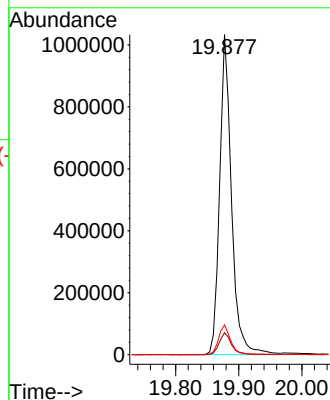
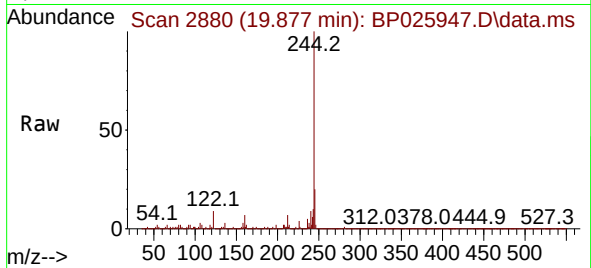




#79
Terphenyl-d14
Concen: 34.769 ng
RT: 19.877 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP025947.D
Acq: 07 Oct 2025 17:59

Instrument :
BNA_P
ClientSampleId :
CONC-STORAGE-PAD-1

Tgt Ion:244 Resp: 1349835
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.3 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.971 min Scan# 3746
Delta R.T. -0.030 min
Lab File: BP025947.D
Acq: 07 Oct 2025 17:59

Tgt Ion:264 Resp: 819919
Ion Ratio Lower Upper
264 100
260 23.6 18.3 27.5
265 21.9 17.3 25.9

