

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024546.D
 Acq On : 06 May 2025 14:25
 Operator : RC/JU
 Sample : Q1936-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SMALL-PILE-C

Quant Time: May 06 14:46:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	130489	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	518096	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	332641	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	703327	20.000	ng	0.00
76) Chrysene-d12	21.580	240	829601	20.000	ng	-0.01
86) Perylene-d12	24.916	264	959649	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	447428	56.695	ng	-0.02
7) Phenol-d6	6.893	99	562012	52.008	ng	-0.02
23) Nitrobenzene-d5	8.852	82	348441	38.349	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	308742	67.085	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	842327	38.771	ng	-0.02
79) Terphenyl-d14	19.857	244	1692847	41.130	ng	-0.02

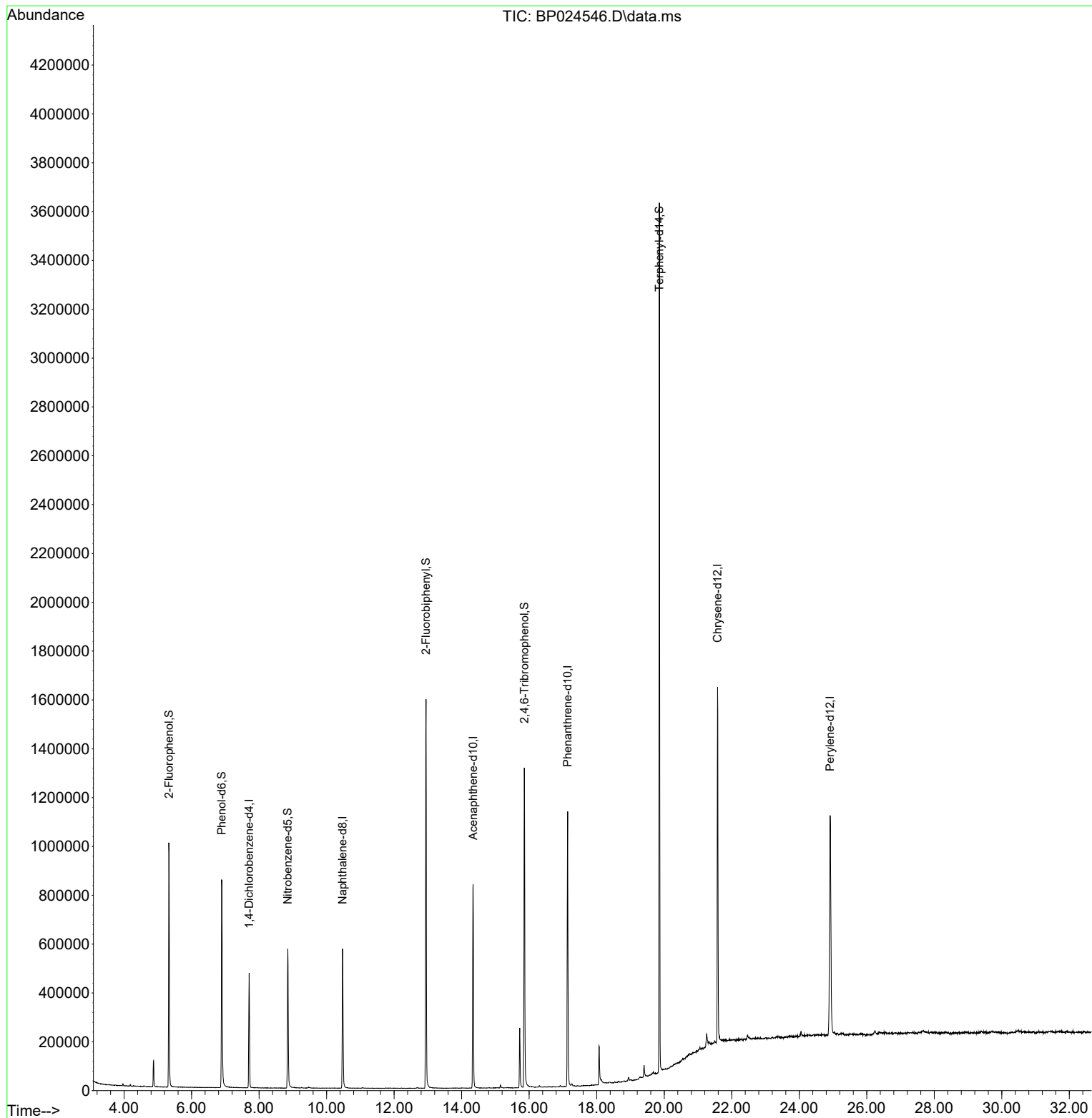
Target Compounds	Qvalue

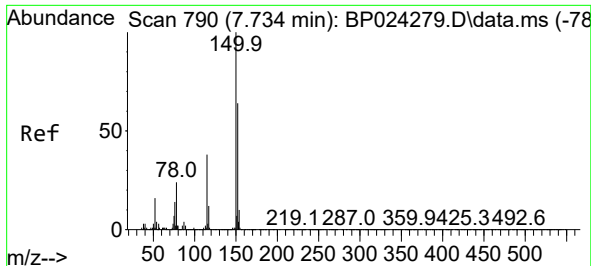
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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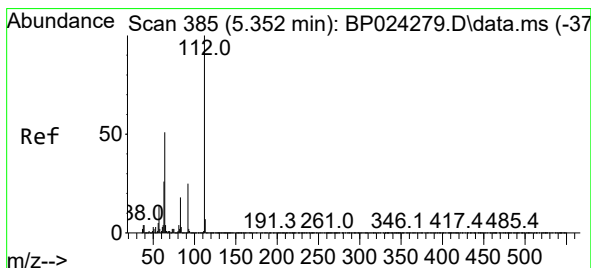
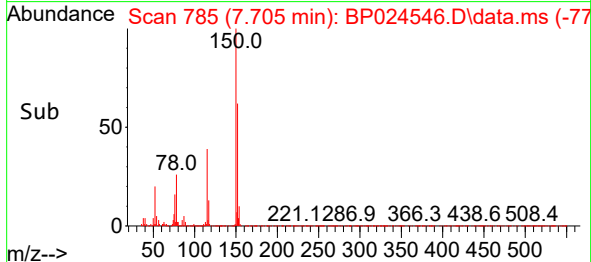
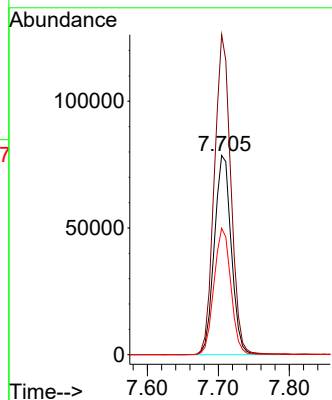
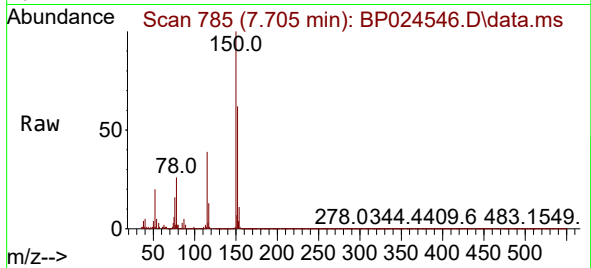




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024546.D
Acq: 06 May 2025 14:25

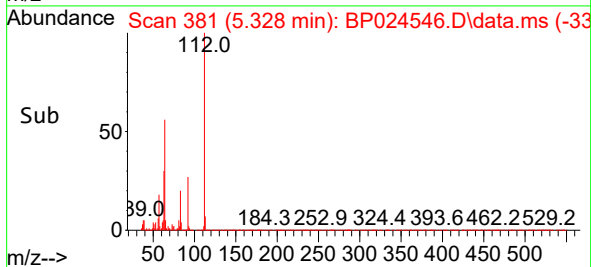
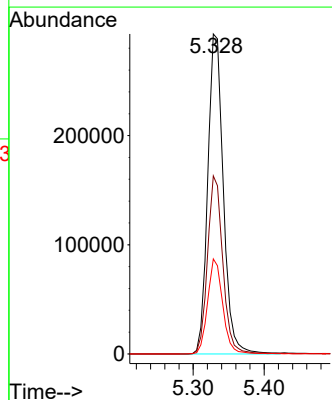
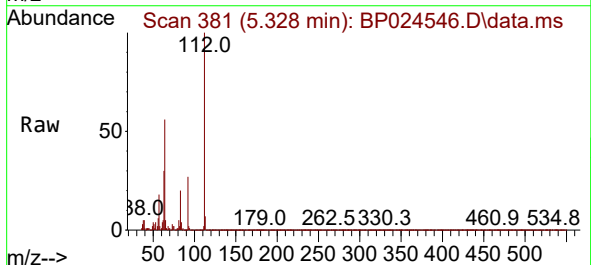
Instrument :
BNA_P
ClientSampleId :
SMALL-PILE-C

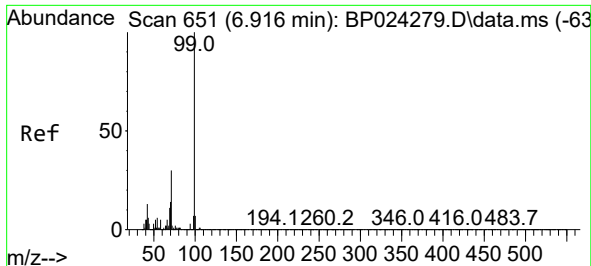
Tgt Ion:152 Resp: 130489
Ion Ratio Lower Upper
152 100
150 160.7 124.9 187.3
115 63.5 47.7 71.5



#5
2-Fluorophenol
Concen: 56.695 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.017 min
Lab File: BP024546.D
Acq: 06 May 2025 14:25

Tgt Ion:112 Resp: 447428
Ion Ratio Lower Upper
112 100
64 55.6 41.1 61.7
63 29.7 20.6 30.8

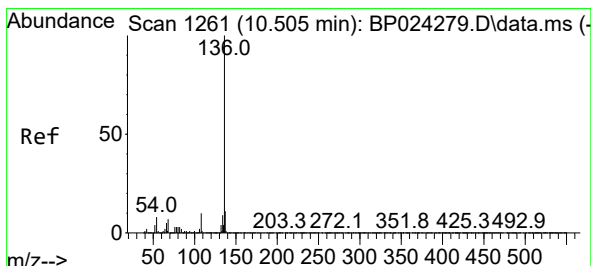
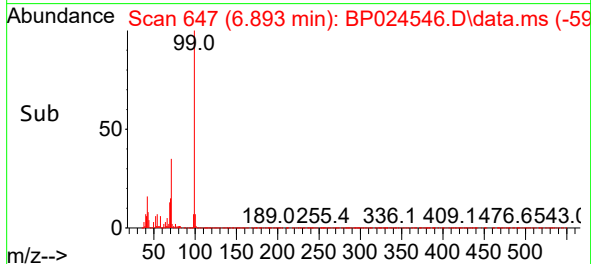
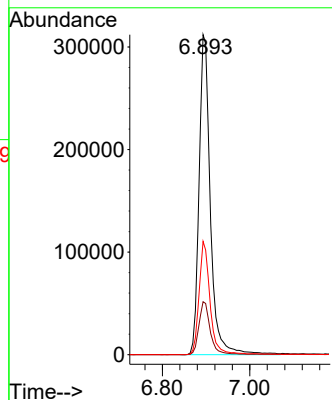
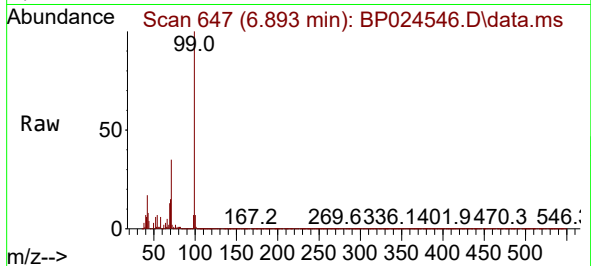




#7
Phenol-d6
Concen: 52.008 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.017 min
Lab File: BP024546.D
Acq: 06 May 2025 14:25

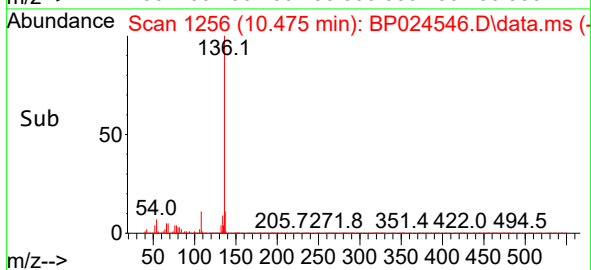
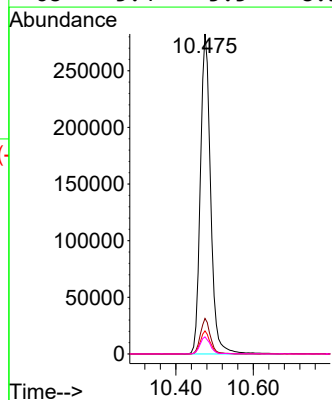
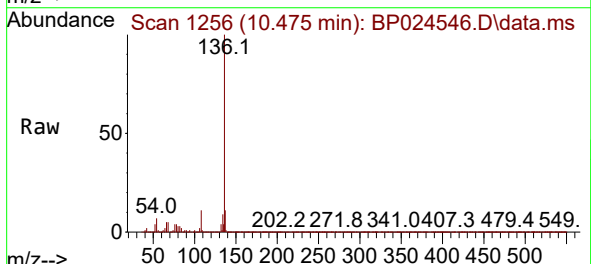
Instrument :
BNA_P
ClientSampleId :
SMALL-PILE-C

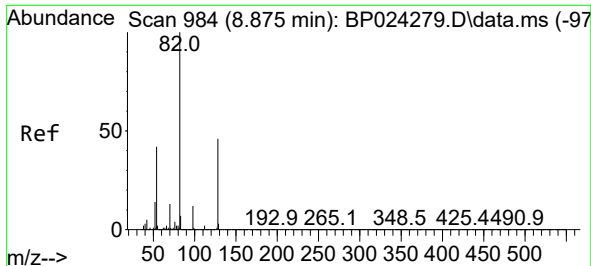
Tgt Ion: 99 Resp: 562012
Ion Ratio Lower Upper
99 100
42 16.5 10.6 16.0#
71 35.4 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024546.D
Acq: 06 May 2025 14:25

Tgt Ion: 136 Resp: 518096
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.2 6.0 9.0
68 5.4 5.5 8.3#

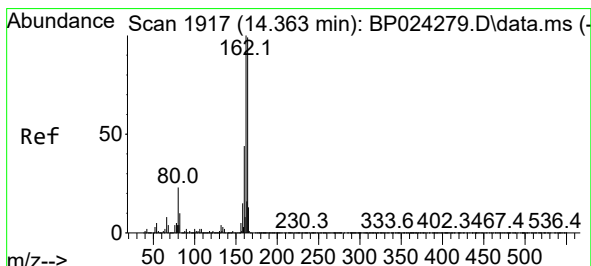
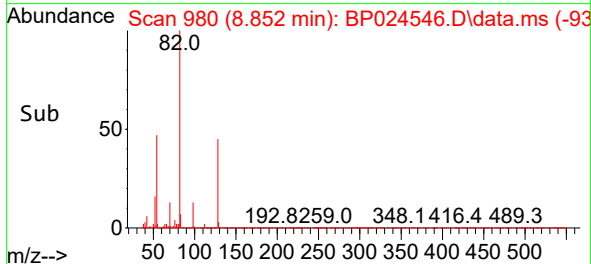
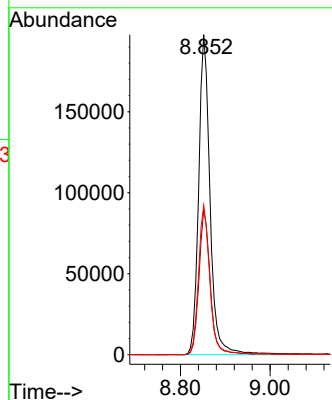
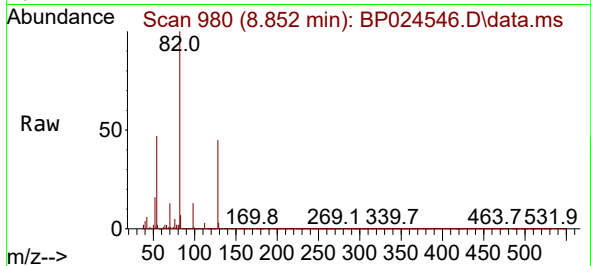




#23
Nitrobenzene-d5
Concen: 38.349 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP024546.D
Acq: 06 May 2025 14:25

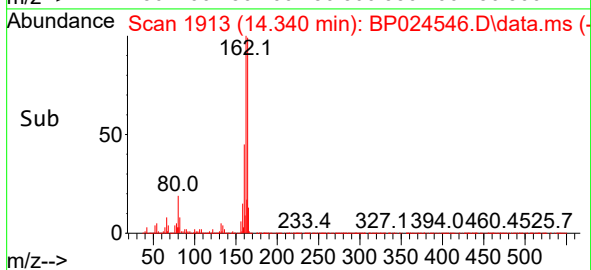
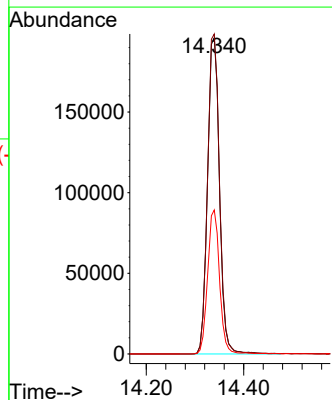
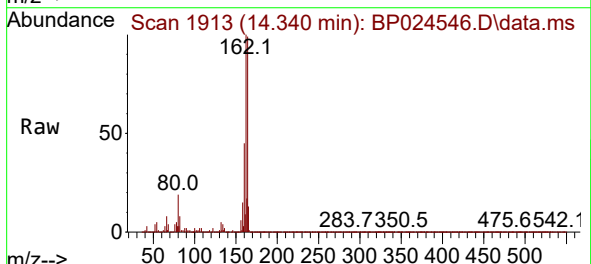
Instrument :
BNA_P
ClientSampleId :
SMALL-PILE-C

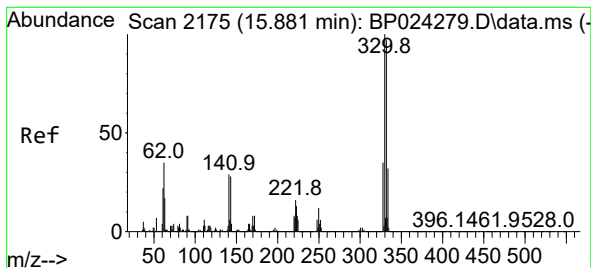
Tgt Ion: 82 Resp: 348441
Ion Ratio Lower Upper
82 100
128 45.3 36.5 54.7
54 46.8 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024546.D
Acq: 06 May 2025 14:25

Tgt Ion: 164 Resp: 332641
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 45.5 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 67.085 ng

RT: 15.857 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BP024546.D

Acq: 06 May 2025 14:25

Instrument :

BNA_P

ClientSampleId :

SMALL-PILE-C

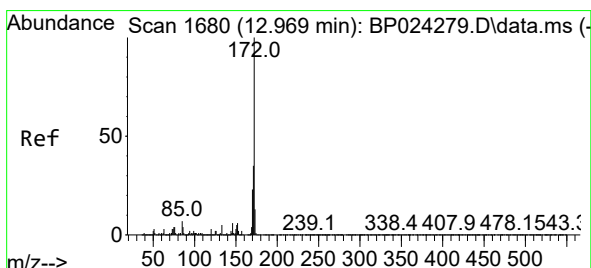
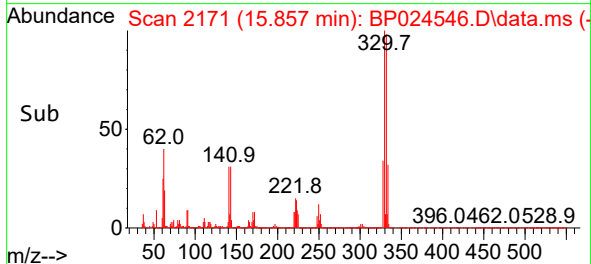
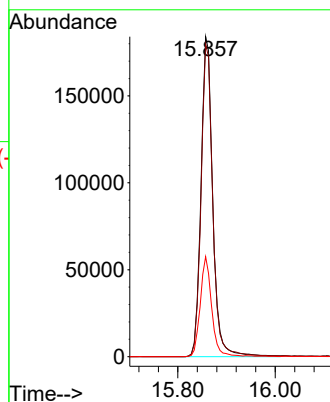
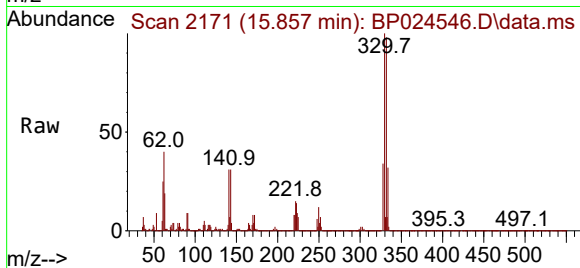
Tgt Ion:330 Resp: 308742

Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 30.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 38.771 ng

RT: 12.946 min Scan# 1676

Delta R.T. -0.017 min

Lab File: BP024546.D

Acq: 06 May 2025 14:25

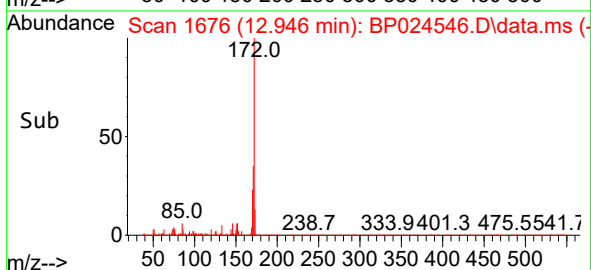
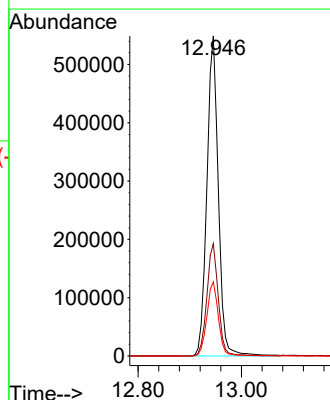
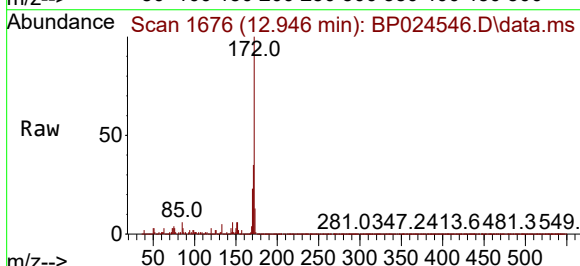
Tgt Ion:172 Resp: 842327

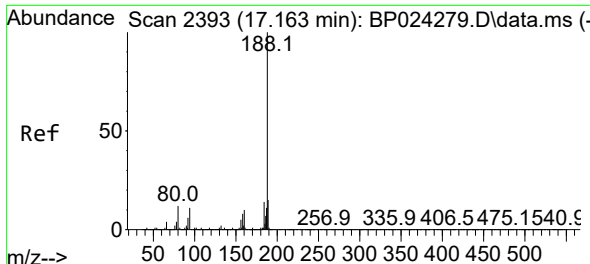
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.1 18.6 27.8

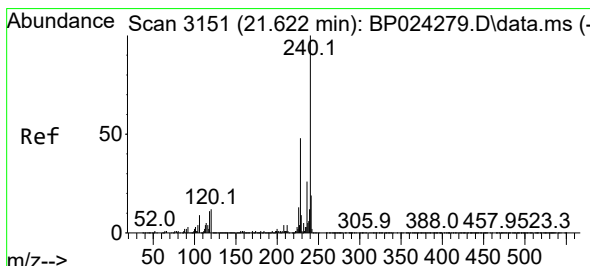
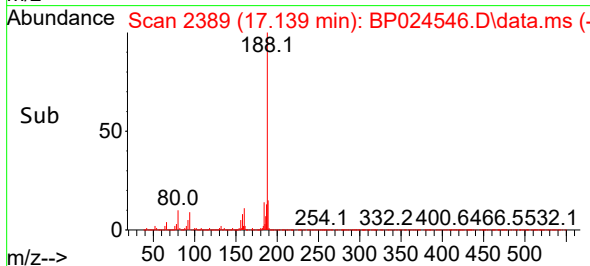
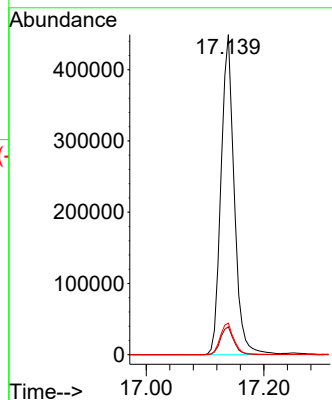
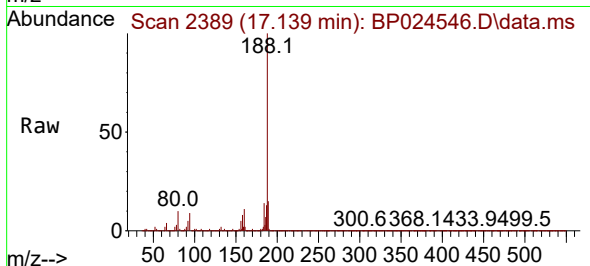




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024546.D
Acq: 06 May 2025 14:25

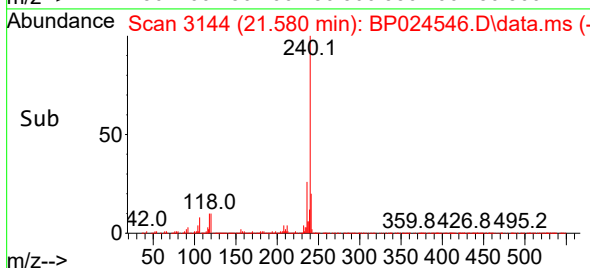
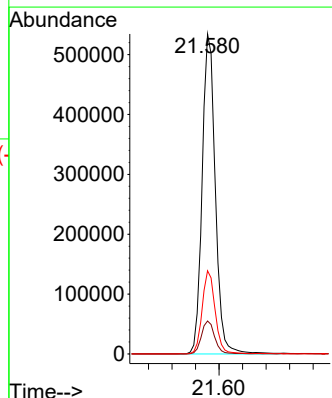
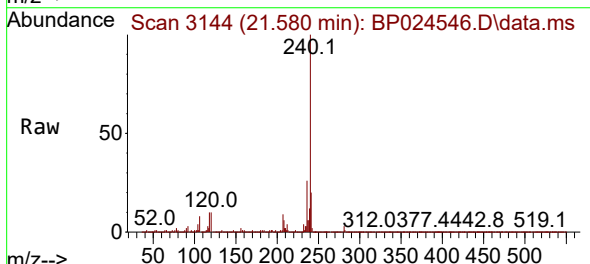
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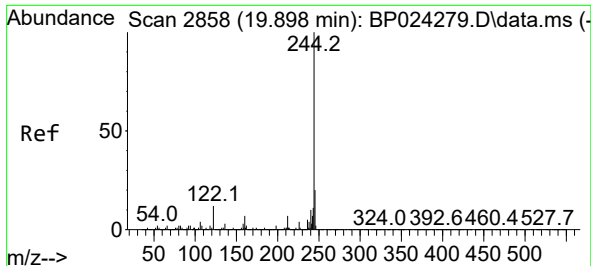
Tgt Ion:188 Resp: 703327
Ion Ratio Lower Upper
188 100
94 8.7 8.6 13.0
80 9.9 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024546.D
Acq: 06 May 2025 14:25

Tgt Ion:240 Resp: 829601
Ion Ratio Lower Upper
240 100
120 10.3 9.8 14.8
236 26.0 20.9 31.3

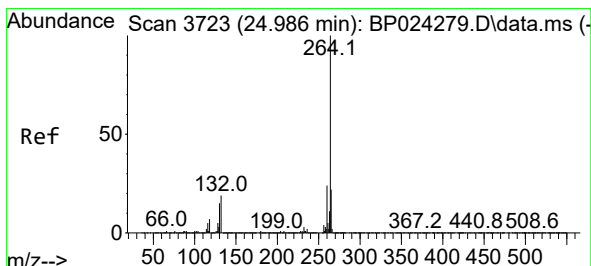
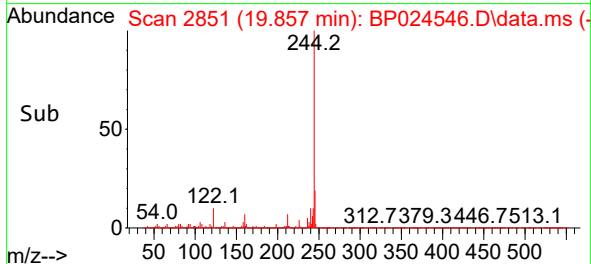
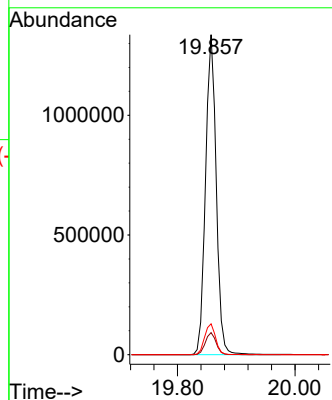
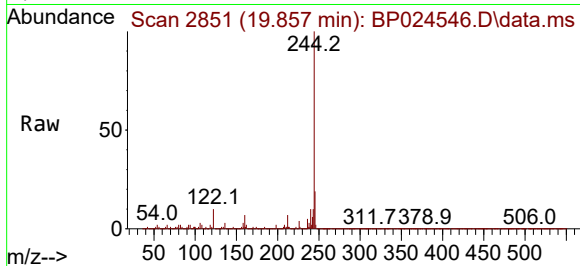




#79
 Terphenyl-d14
 Concen: 41.130 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BP024546.D
 Acq: 06 May 2025 14:25

Instrument :
 BNA_P
 ClientSampleId :
 SMALL-PILE-C

Tgt Ion:244 Resp: 1692847
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 9.6 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.916 min Scan# 3711
 Delta R.T. -0.017 min
 Lab File: BP024546.D
 Acq: 06 May 2025 14:25

Tgt Ion:264 Resp: 959649
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 22.1 17.8 26.6

