

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
 Data File : BP024401.D
 Acq On : 23 Apr 2025 18:16
 Operator : RC/JU
 Sample : Q1850-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-PILE-N-C-LOT

Quant Time: Apr 24 02:39:39 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	7.716	152	192934	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	743118	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	434048	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	797905	20.000	ng	0.00
76) Chrysene-d12	21.592	240	916549	20.000	ng	0.00
86) Perylene-d12	24.927	264	1141150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1739259	149.055	ng	0.00
7) Phenol-d6	6.905	99	2015619	126.154	ng	0.00
23) Nitrobenzene-d5	8.863	82	1434077	110.040	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	997606	166.121	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	3122650	110.152	ng	0.00
79) Terphenyl-d14	19.869	244	4648436	102.227	ng	0.00

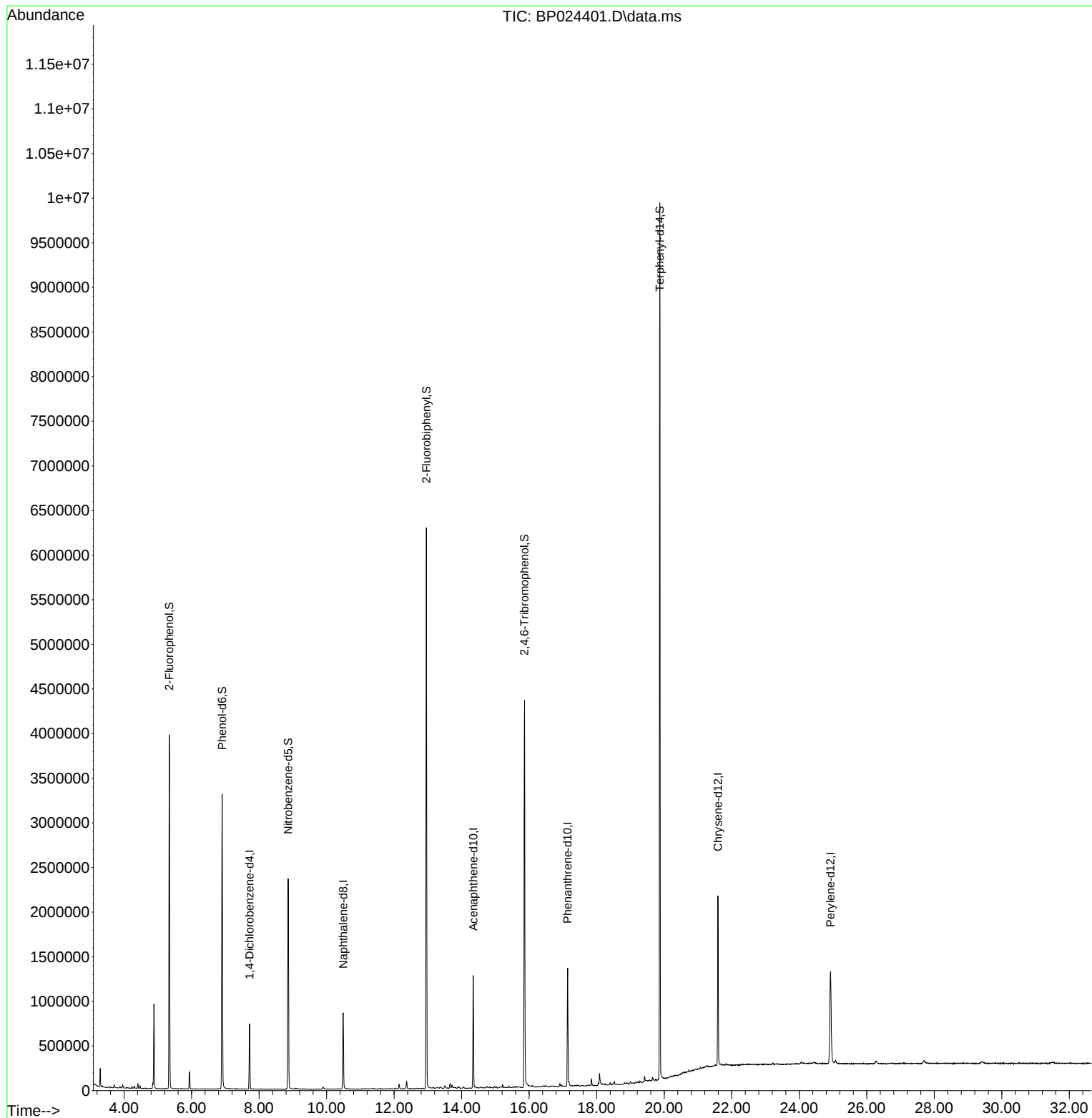
Target Compounds	Qvalue

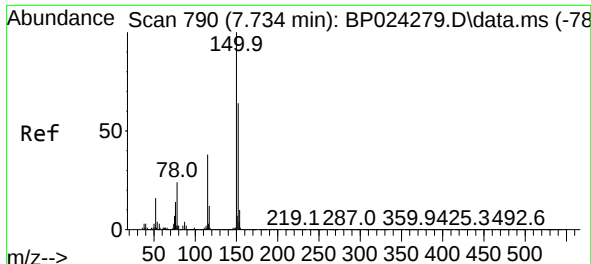
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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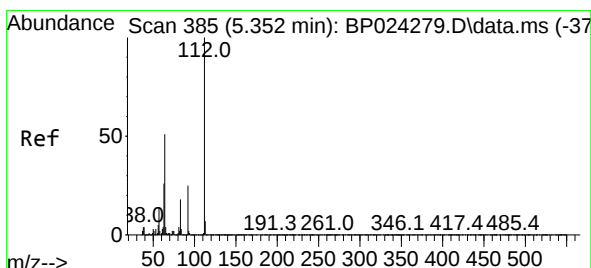
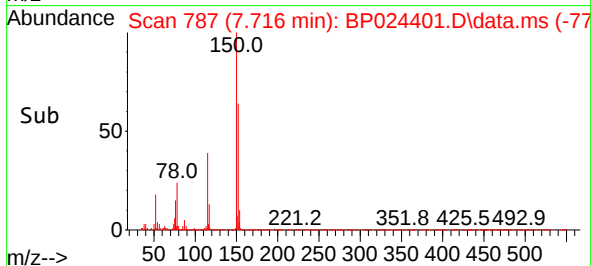
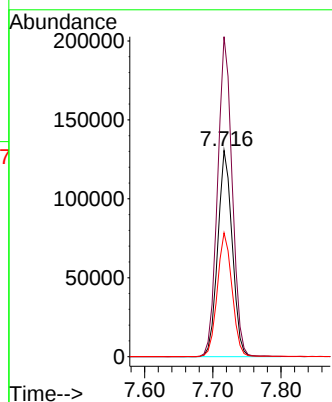
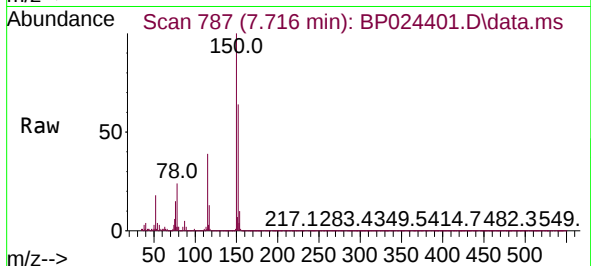




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP024401.D
 Acq: 23 Apr 2025 18:16

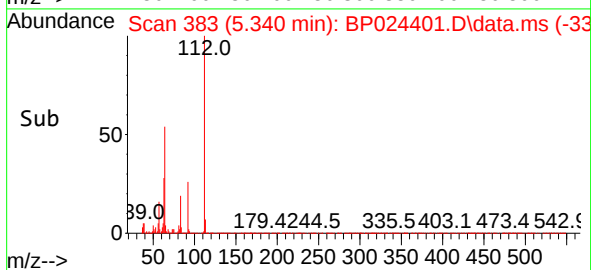
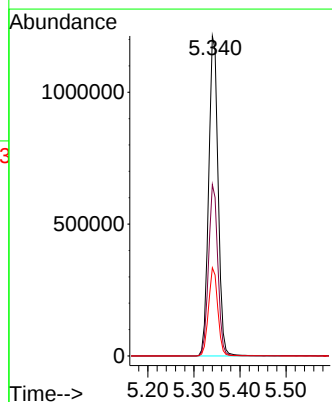
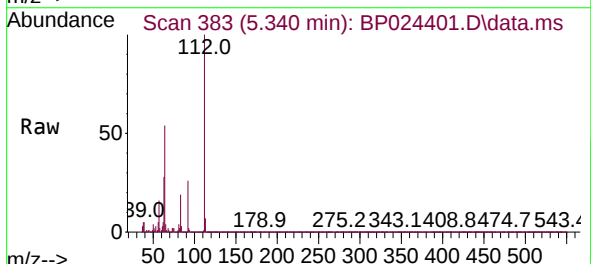
Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-PILE-N-C-LOT

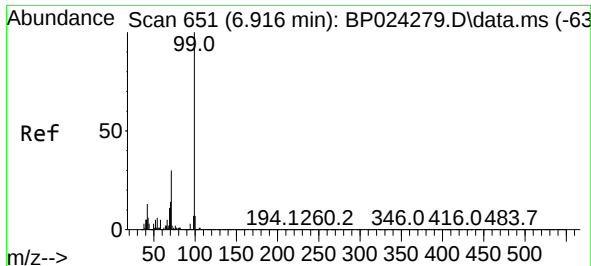
Tgt Ion:152 Resp: 192934
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.9 187.3
 115 60.0 47.7 71.5



#5
 2-Fluorophenol
 Concen: 149.055 ng
 RT: 5.340 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: BP024401.D
 Acq: 23 Apr 2025 18:16

Tgt Ion:112 Resp: 1739259
 Ion Ratio Lower Upper
 112 100
 64 53.5 41.1 61.7
 63 27.5 20.6 30.8

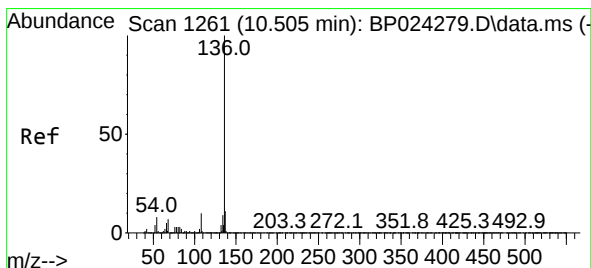
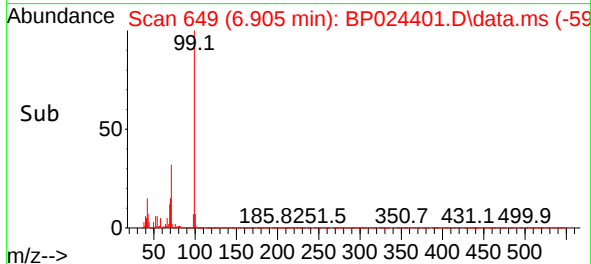
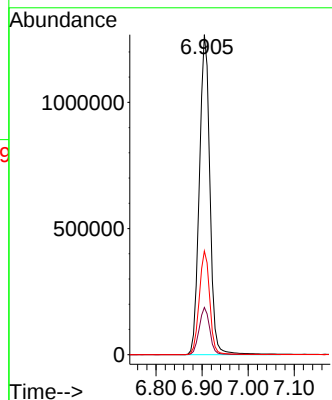
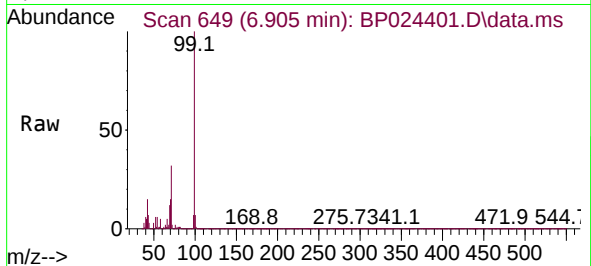




#7
Phenol-d6
Concen: 126.154 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024401.D
Acq: 23 Apr 2025 18:16

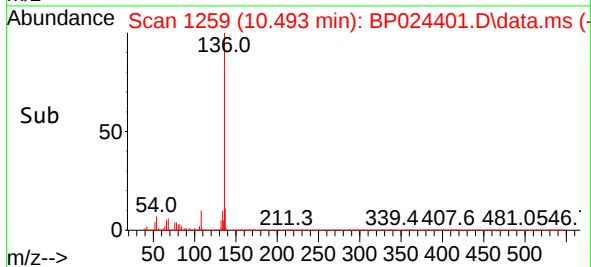
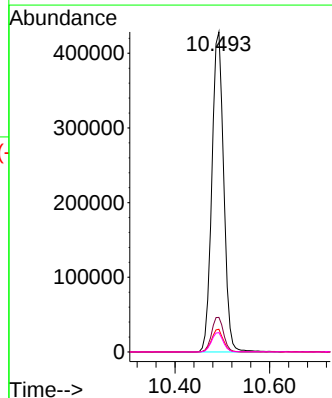
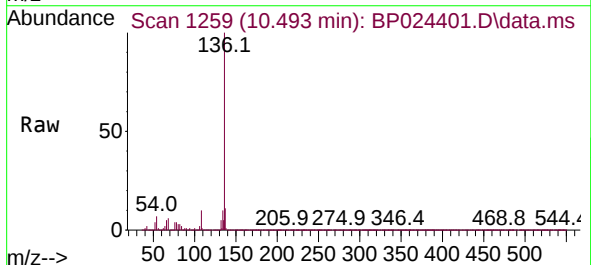
Instrument :
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ClientSampleId :
CONCRETE-PILE-N-C-LOT

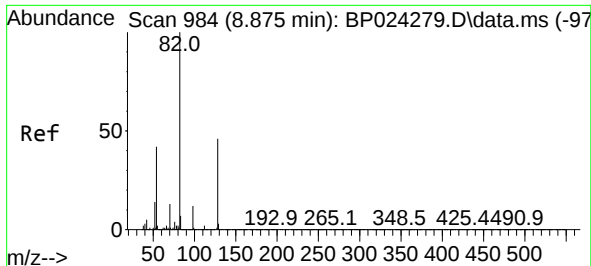
Tgt Ion: 99 Resp: 2015619
Ion Ratio Lower Upper
99 100
42 14.7 10.6 16.0
71 32.4 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024401.D
Acq: 23 Apr 2025 18:16

Tgt Ion:136 Resp: 743118
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.1 6.0 9.0
68 6.0 5.5 8.3

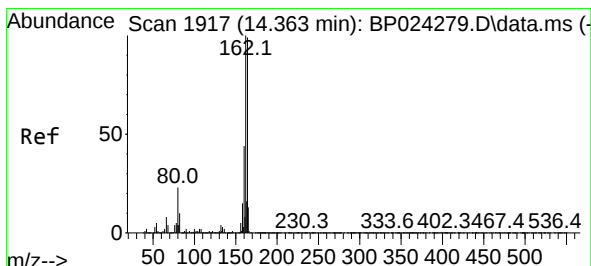
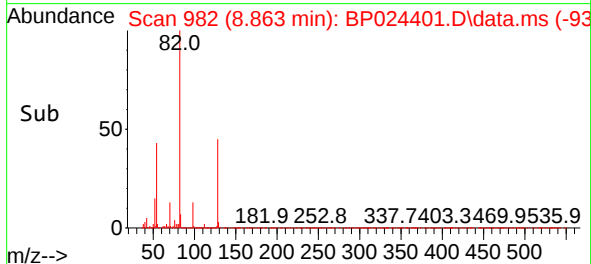
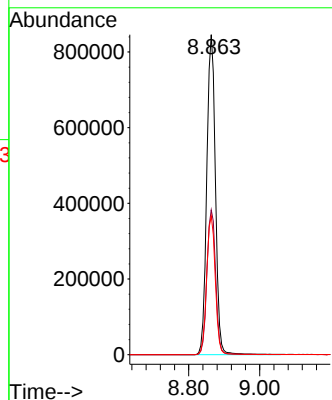
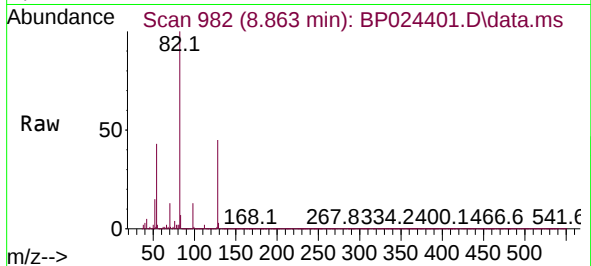




#23
Nitrobenzene-d5
Concen: 110.040 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024401.D
Acq: 23 Apr 2025 18:16

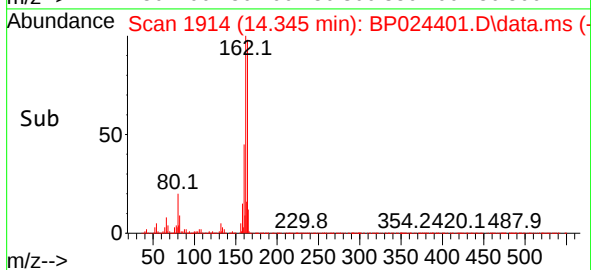
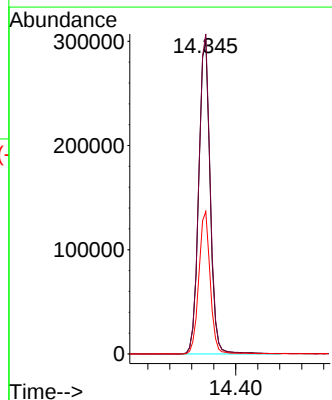
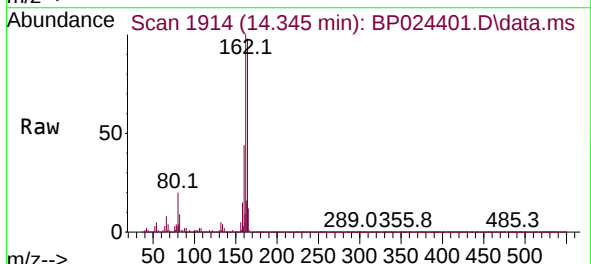
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

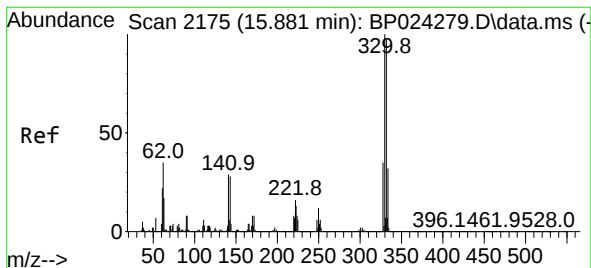
Tgt Ion: 82 Resp: 1434077
Ion Ratio Lower Upper
82 100
128 45.3 36.5 54.7
54 43.4 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024401.D
Acq: 23 Apr 2025 18:16

Tgt Ion:164 Resp: 434048
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 45.4 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 166.121 ng

RT: 15.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024401.D

Acq: 23 Apr 2025 18:16

Instrument :

BNA_P

ClientSampleId :

CONCRETE-PILE-N-C-LOT

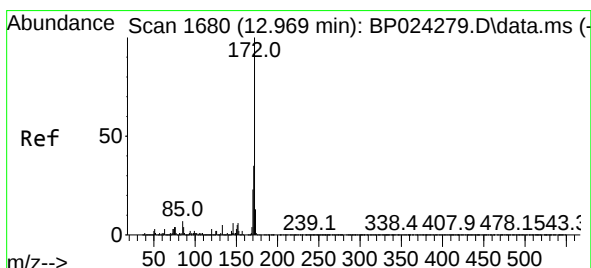
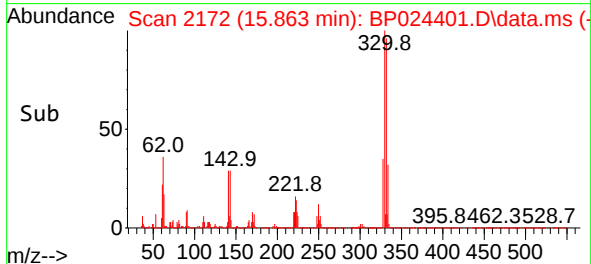
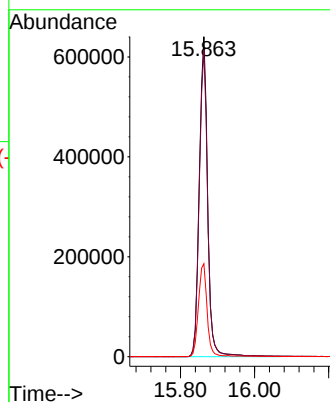
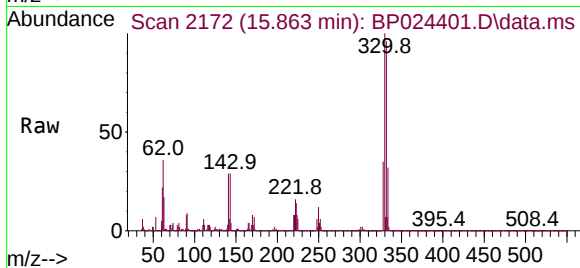
Tgt Ion:330 Resp: 997606

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 30.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 110.152 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

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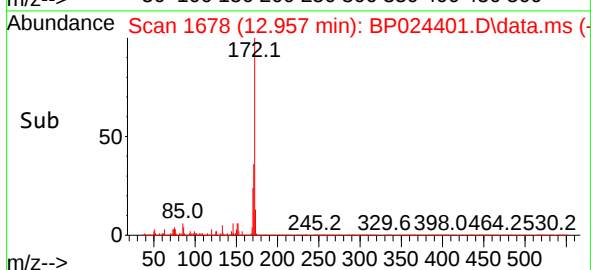
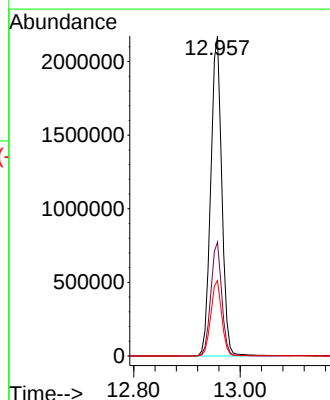
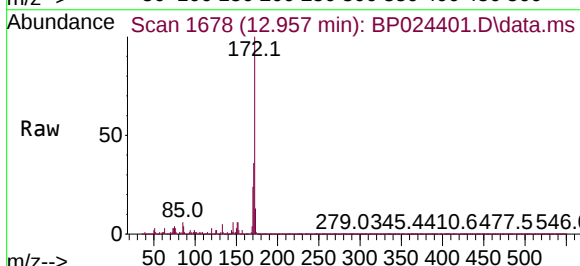
Tgt Ion:172 Resp: 3122650

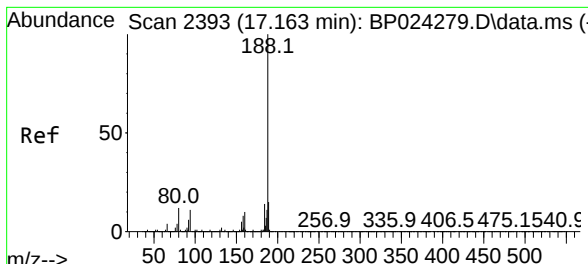
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.5 18.6 27.8

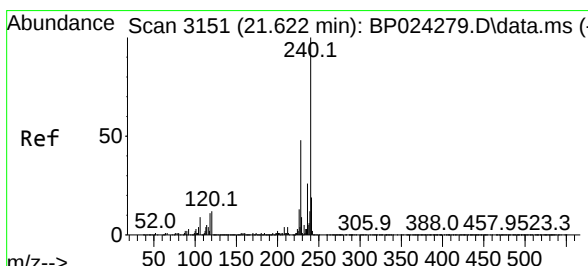
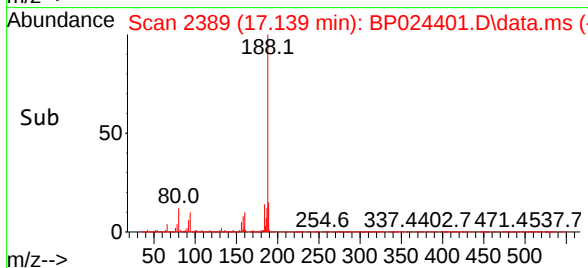
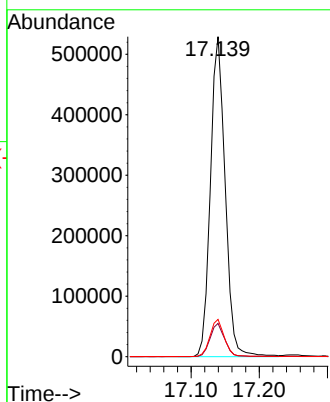
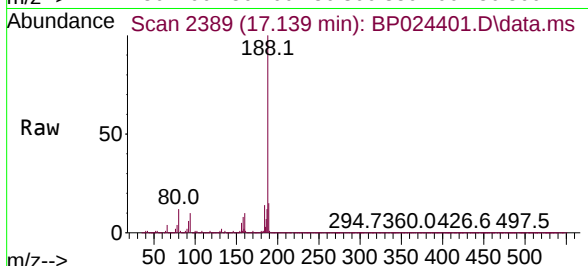




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.139 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024401.D
 Acq: 23 Apr 2025 18:16

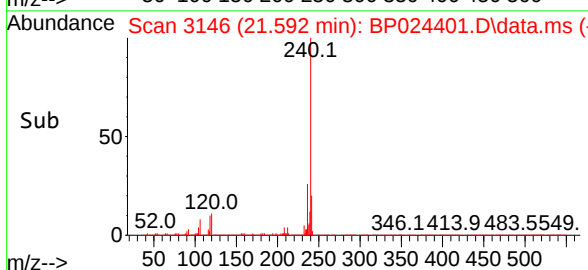
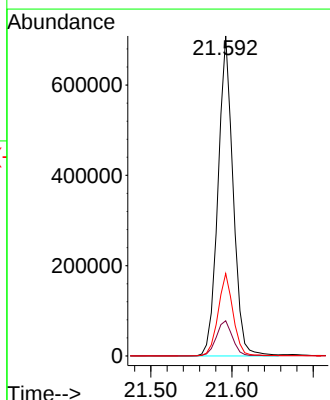
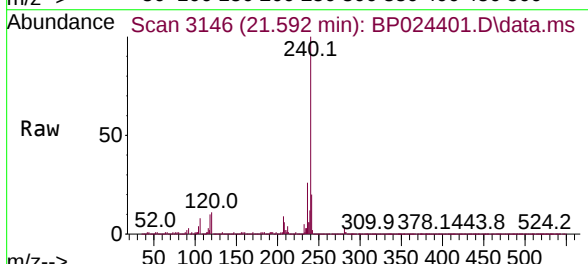
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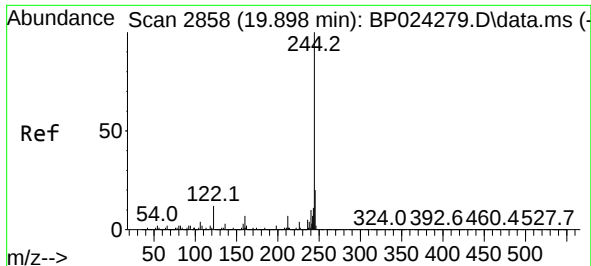
Tgt Ion:	188	Resp:	797905
Ion Ratio	Lower	Upper	
188	100		
94	10.4	8.6	13.0
80	11.7	9.8	14.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.592 min Scan# 3146
 Delta R.T. 0.000 min
 Lab File: BP024401.D
 Acq: 23 Apr 2025 18:16

Tgt Ion:	240	Resp:	916549
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.8	14.8
236	25.7	20.9	31.3

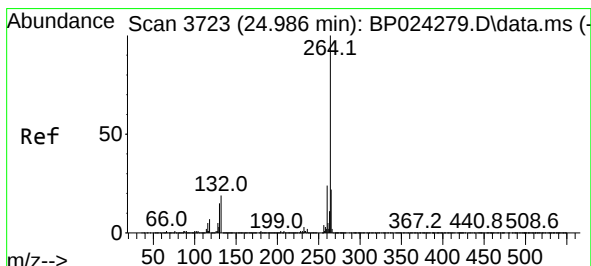
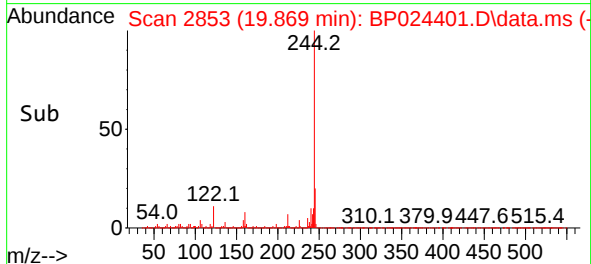
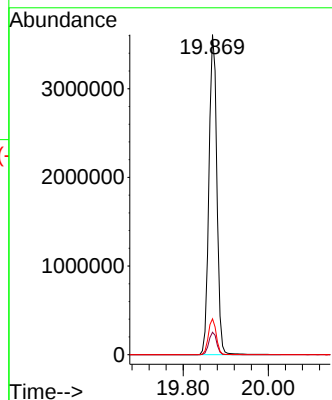
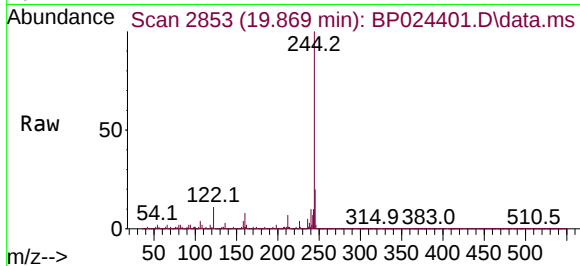




#79
 Terphenyl-d14
 Concen: 102.227 ng
 RT: 19.869 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024401.D
 Acq: 23 Apr 2025 18:16

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Tgt Ion:244 Resp: 4648436
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.2 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.927 min Scan# 3713
 Delta R.T. -0.006 min
 Lab File: BP024401.D
 Acq: 23 Apr 2025 18:16

Tgt Ion:264 Resp: 1141150
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 22.2 17.8 26.6

