

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
 Data File : BP024369.D
 Acq On : 21 Apr 2025 19:40
 Operator : RC/JU
 Sample : Q1832-24
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-04

Quant Time: Apr 22 01:02:34 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	7.722	152	215414	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	828037	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	527974	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1176005	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1338502	20.000	ng	0.00
86) Perylene-d12	24.933	264	1475855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1355084	104.012	ng	0.00
7) Phenol-d6	6.911	99	1616136	90.595	ng	0.00
23) Nitrobenzene-d5	8.869	82	1142521	78.678	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	1010270	138.302	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2481683	71.968	ng	0.00
79) Terphenyl-d14	19.875	244	5744457	86.505	ng	0.00

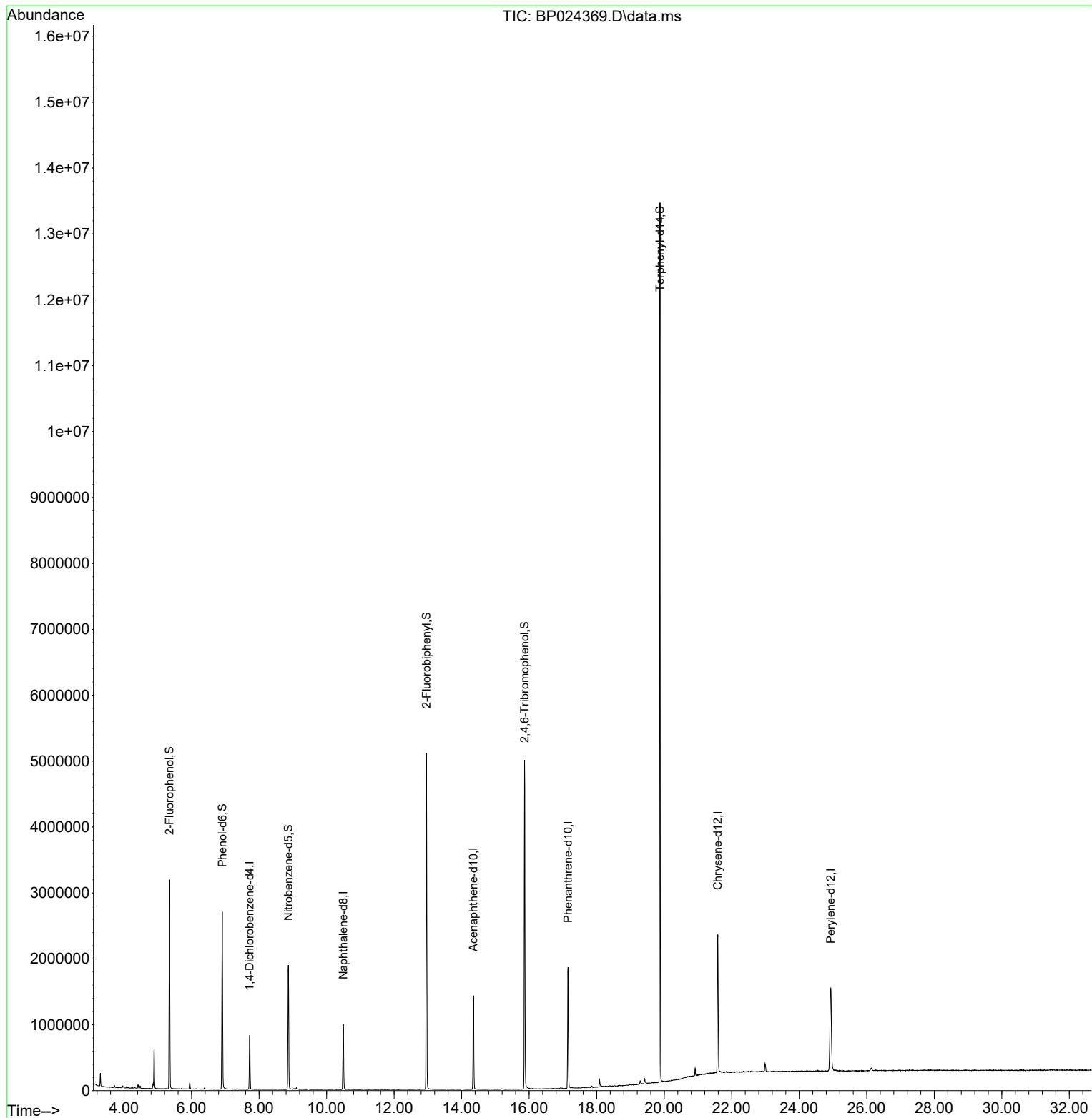
Target Compounds	Qvalue
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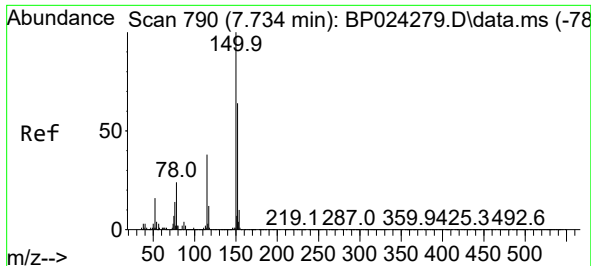
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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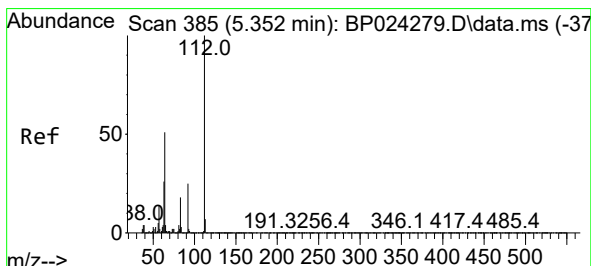
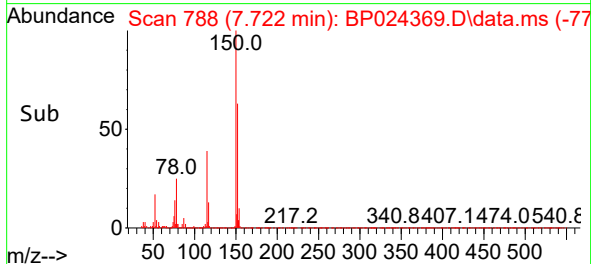
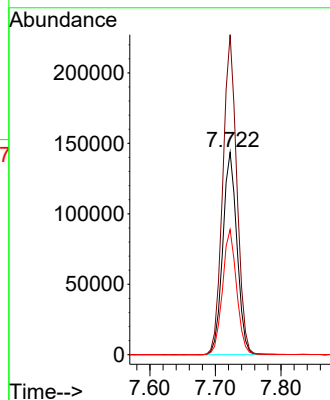
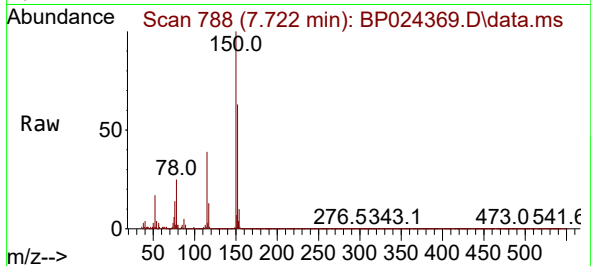




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 7
 Delta R.T. 0.000 min
 Lab File: BP024369.D
 Acq: 21 Apr 2025 19:40

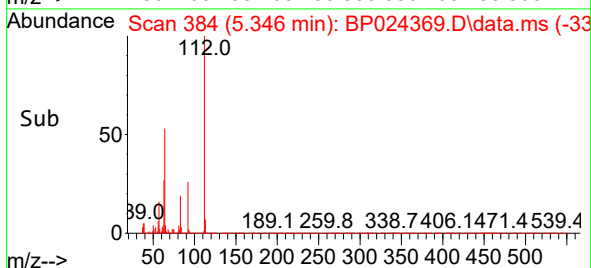
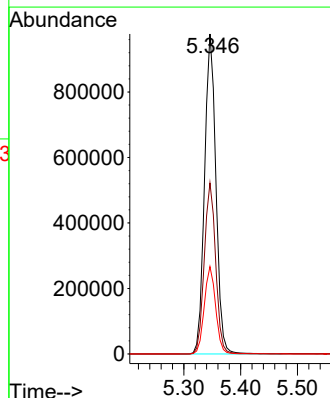
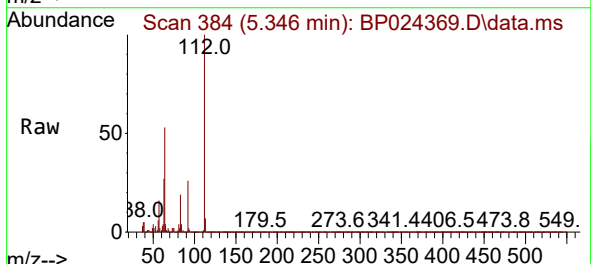
Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-04

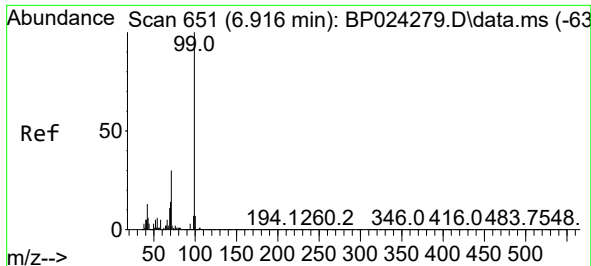
Tgt Ion:152 Resp: 215414
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.9 187.3
 115 61.8 47.7 71.5



#5
 2-Fluorophenol
 Concen: 104.012 ng
 RT: 5.346 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: BP024369.D
 Acq: 21 Apr 2025 19:40

Tgt Ion:112 Resp: 1355084
 Ion Ratio Lower Upper
 112 100
 64 53.5 41.1 61.7
 63 27.3 20.6 30.8





#7

Phenol-d6

Concen: 90.595 ng

RT: 6.911 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP024369.D

Acq: 21 Apr 2025 19:40

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04

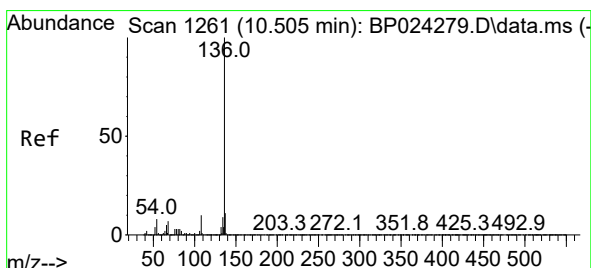
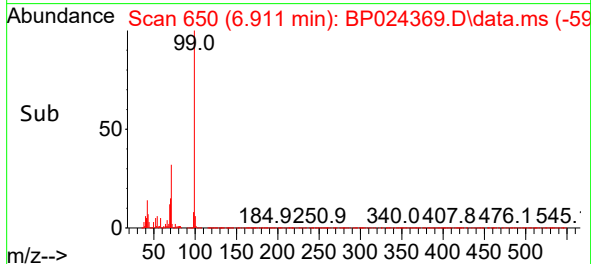
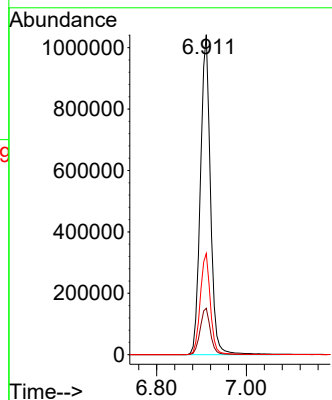
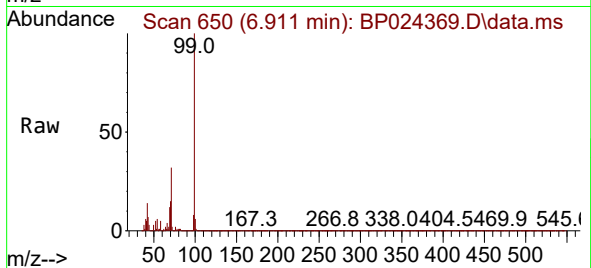
Tgt Ion: 99 Resp: 1616136

Ion Ratio Lower Upper

99 100

42 14.5 10.6 16.0

71 31.6 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: BP024369.D

Acq: 21 Apr 2025 19:40

Tgt Ion:136 Resp: 828037

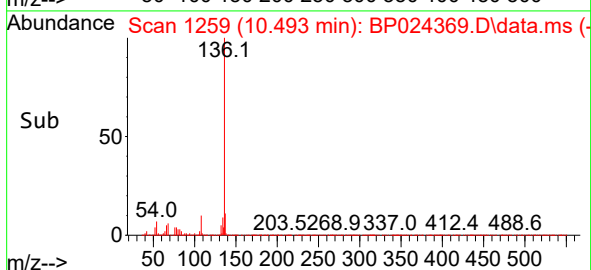
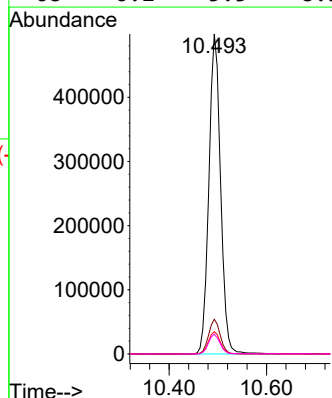
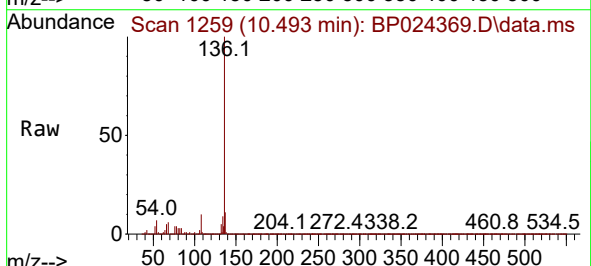
Ion Ratio Lower Upper

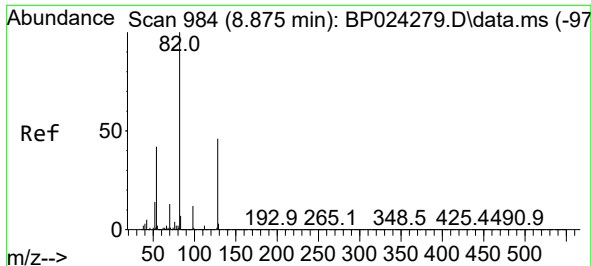
136 100

137 10.8 9.2 13.8

54 7.0 6.0 9.0

68 6.2 5.5 8.3

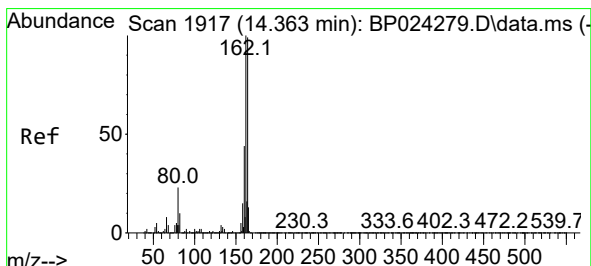
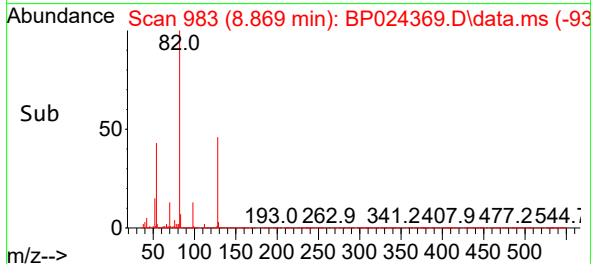
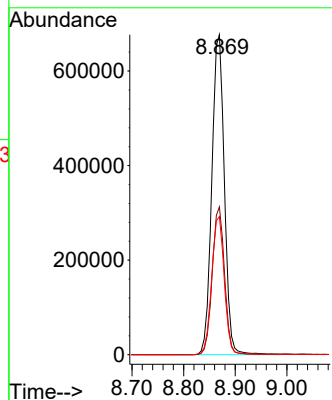
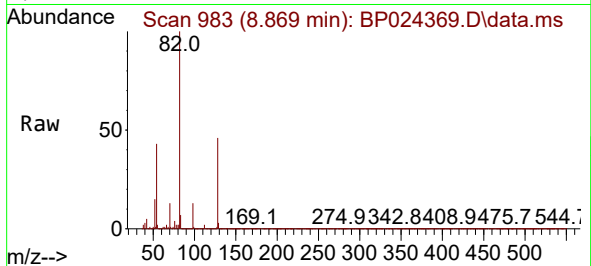




#23
Nitrobenzene-d5
Concen: 78.678 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024369.D
Acq: 21 Apr 2025 19:40

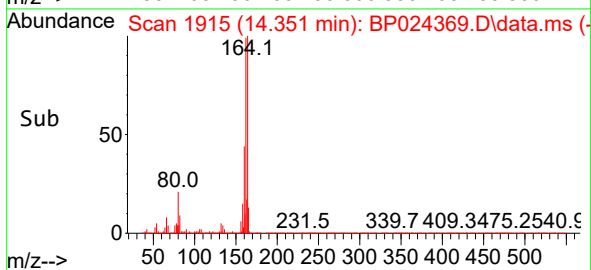
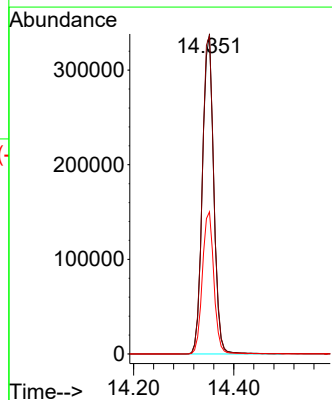
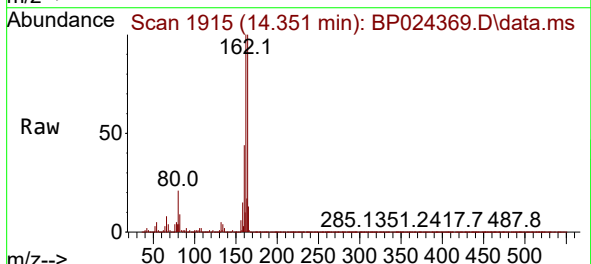
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04

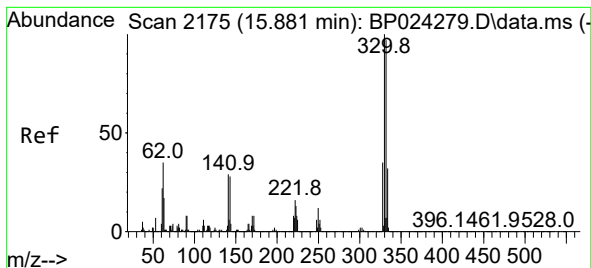
Tgt Ion: 82 Resp: 1142521
Ion Ratio Lower Upper
82 100
128 46.2 36.5 54.7
54 43.2 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024369.D
Acq: 21 Apr 2025 19:40

Tgt Ion: 164 Resp: 527974
Ion Ratio Lower Upper
164 100
162 99.5 80.6 120.8
160 44.4 35.3 52.9

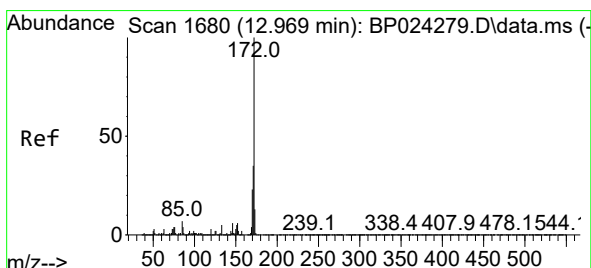
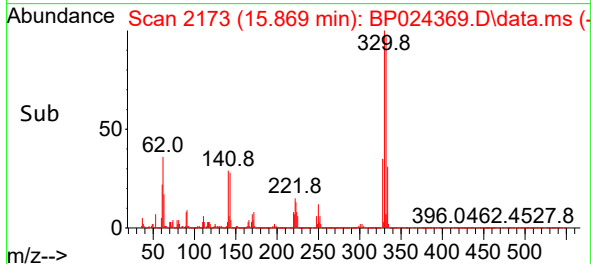
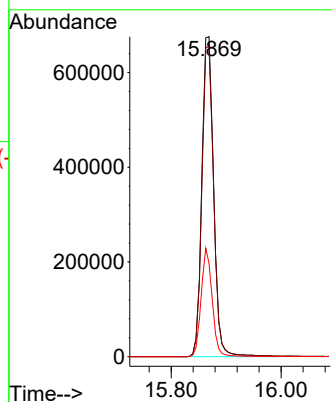
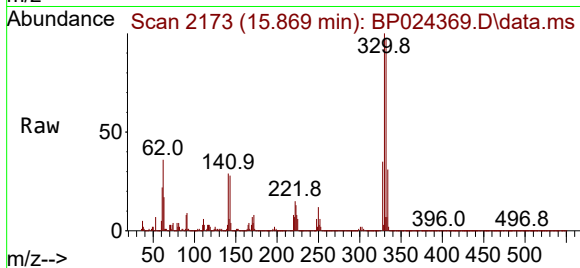




#42
2,4,6-Tribromophenol
Concen: 138.302 ng
RT: 15.869 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP024369.D
Acq: 21 Apr 2025 19:40

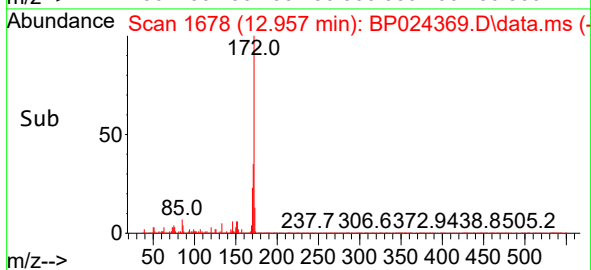
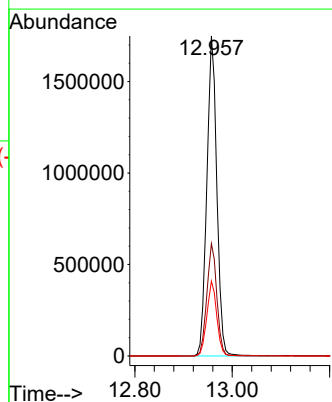
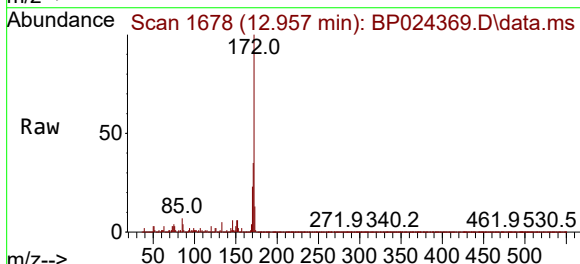
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PL-714-COMP-04

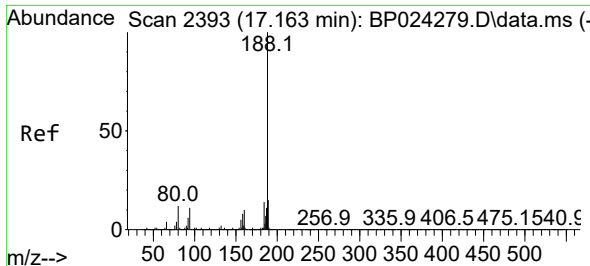
Tgt Ion: 330 Resp: 1010270
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.9 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 71.968 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024369.D
Acq: 21 Apr 2025 19:40

Tgt Ion: 172 Resp: 2481683
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.4 18.6 27.8

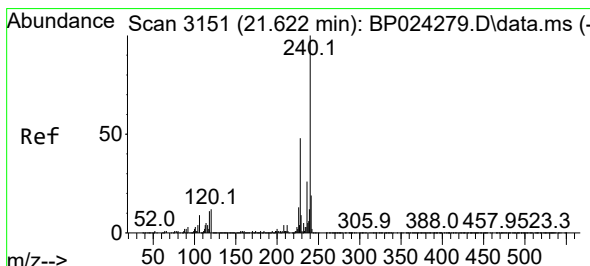
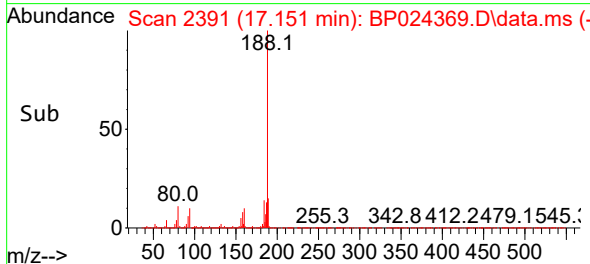
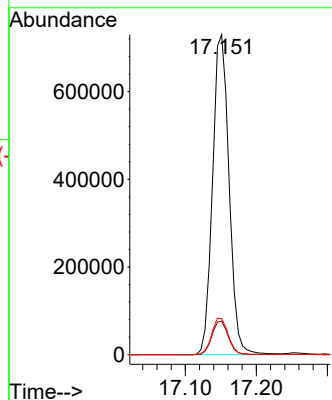
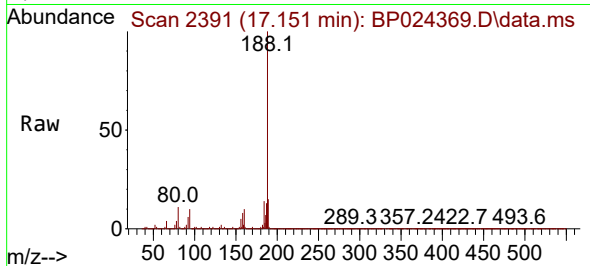




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024369.D
Acq: 21 Apr 2025 19:40

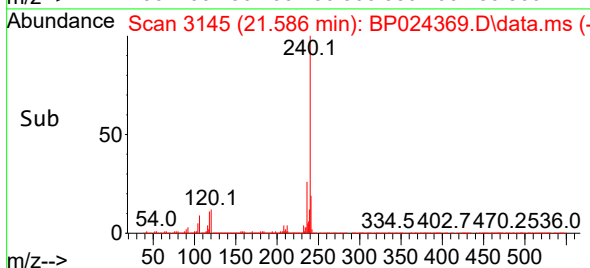
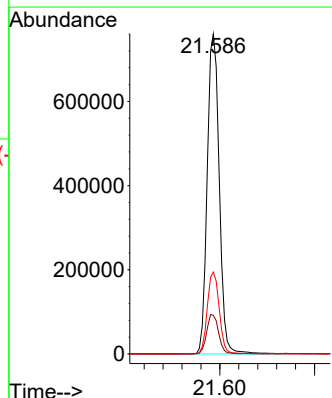
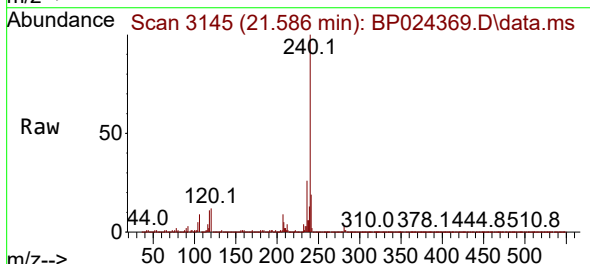
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BNA_P
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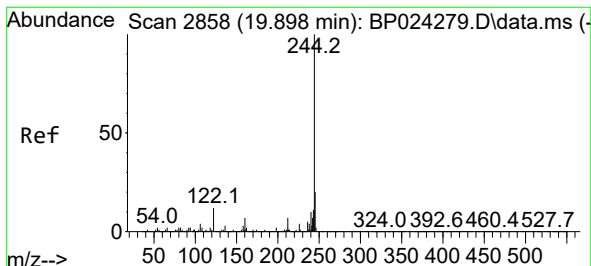
Tgt Ion:188 Resp: 1176005
Ion Ratio Lower Upper
188 100
94 10.5 8.6 13.0
80 11.3 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024369.D
Acq: 21 Apr 2025 19:40

Tgt Ion:240 Resp: 1338502
Ion Ratio Lower Upper
240 100
120 12.1 9.8 14.8
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 86.505 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024369.D

Acq: 21 Apr 2025 19:40

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04

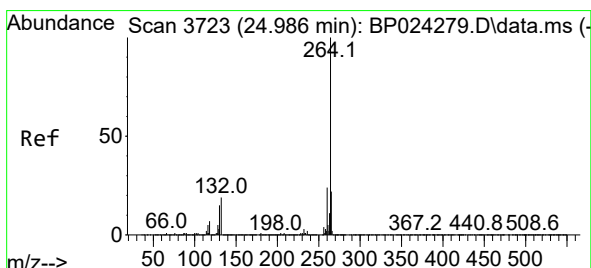
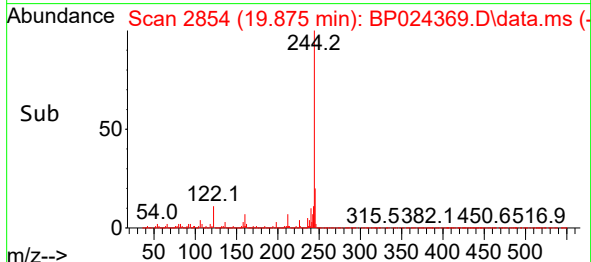
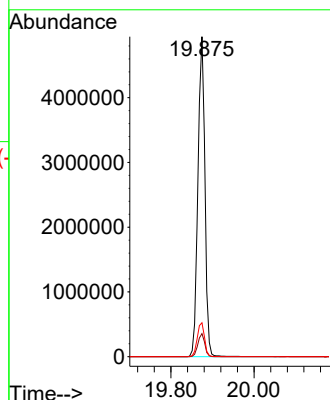
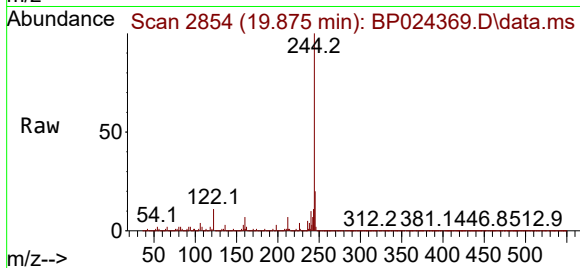
Tgt Ion:244 Resp: 5744457

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.933 min Scan# 3714

Delta R.T. 0.000 min

Lab File: BP024369.D

Acq: 21 Apr 2025 19:40

Tgt Ion:264 Resp: 1475855

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.8 17.8 26.6

