

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024387.D
Acq On : 22 Apr 2025 20:49
Operator : RC/JU
Sample : Q1842-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-12

Quant Time: Apr 23 02:31:30 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	167835	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	636957	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	356624	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	683856	20.000	ng	0.00
76) Chrysene-d12	21.580	240	754660	20.000	ng	-0.01
86) Perylene-d12	24.927	264	525349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1336215	131.639	ng	0.00
7) Phenol-d6	6.905	99	1597852	114.962	ng	0.00
23) Nitrobenzene-d5	8.869	82	1029507	92.163	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	707896	143.471	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2137571	91.773	ng	0.00
79) Terphenyl-d14	19.863	244	3604012	96.260	ng	-0.01

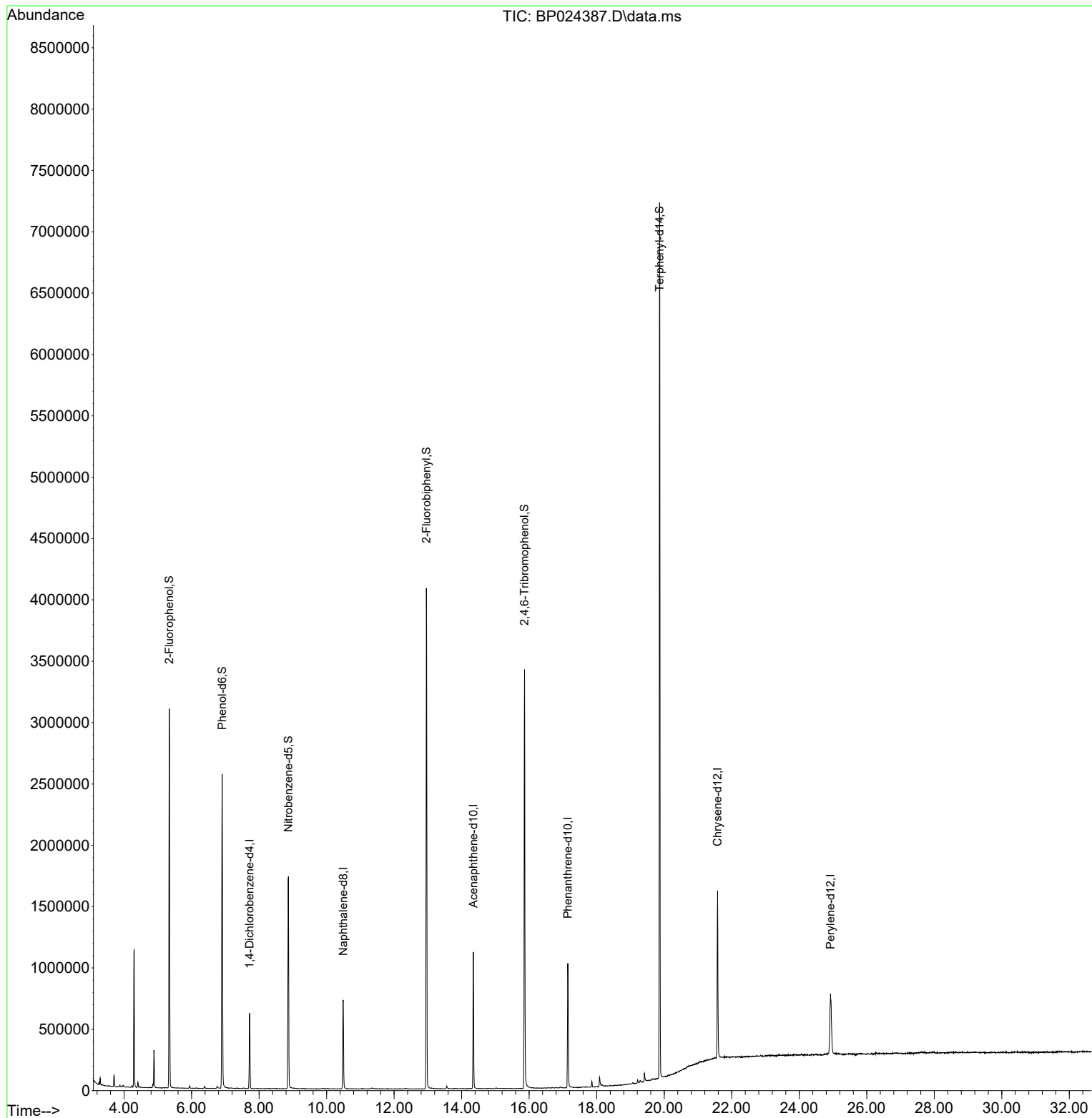
Target Compounds	Qvalue

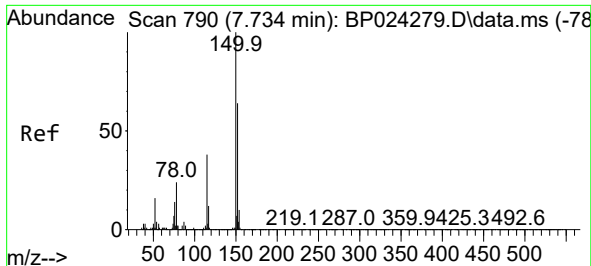
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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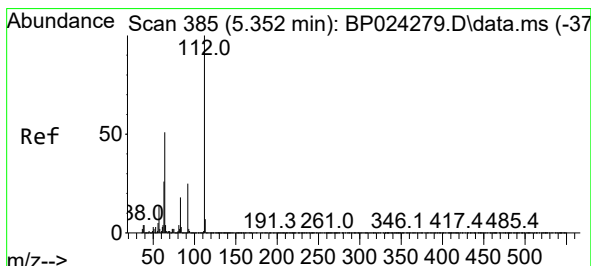
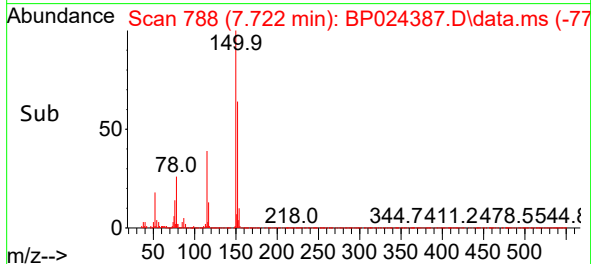
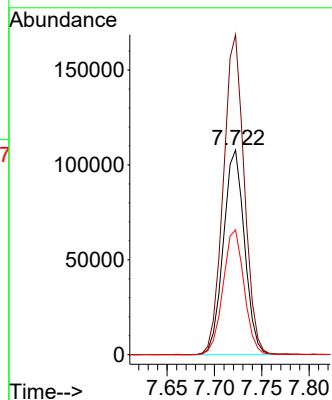
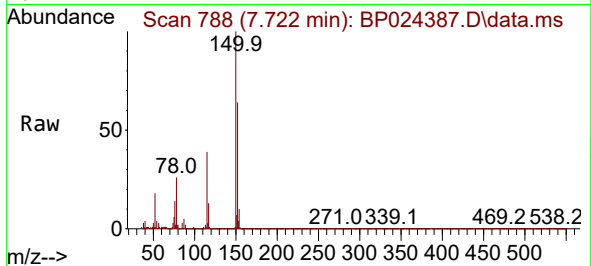




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024387.D
Acq: 22 Apr 2025 20:49

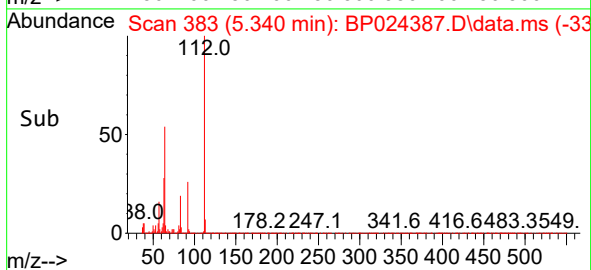
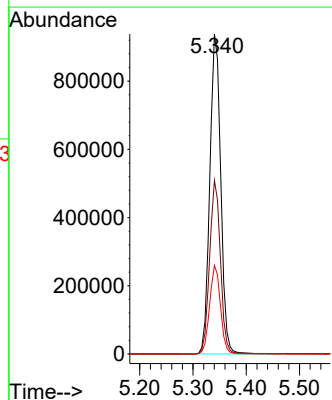
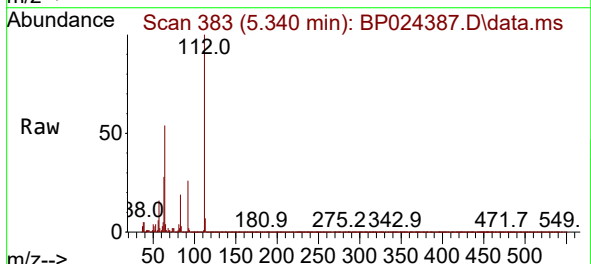
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-12

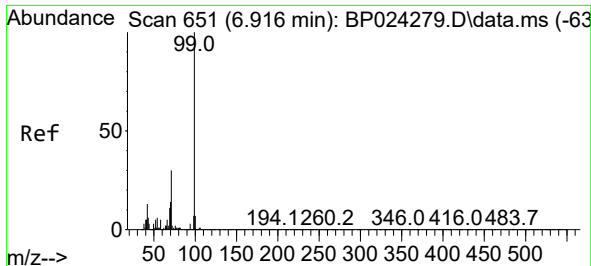
Tgt Ion:152 Resp: 167835
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 61.0 47.7 71.5



#5
2-Fluorophenol
Concen: 131.639 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024387.D
Acq: 22 Apr 2025 20:49

Tgt Ion:112 Resp: 1336215
Ion Ratio Lower Upper
112 100
64 54.3 41.1 61.7
63 27.7 20.6 30.8



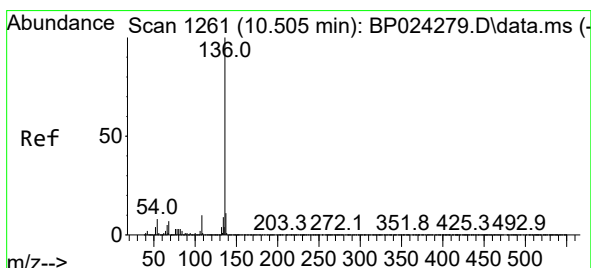
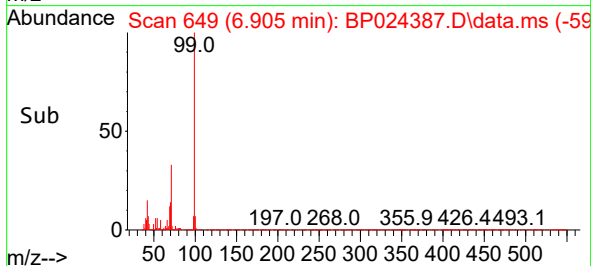
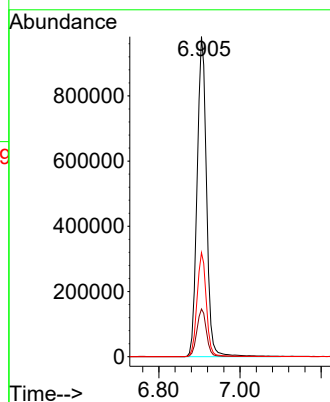
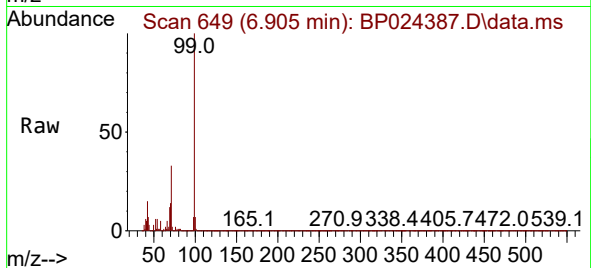


#7
Phenol-d6
Concen: 114.962 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024387.D
Acq: 22 Apr 2025 20:49

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-12

Tgt Ion: 99 Resp: 1597852

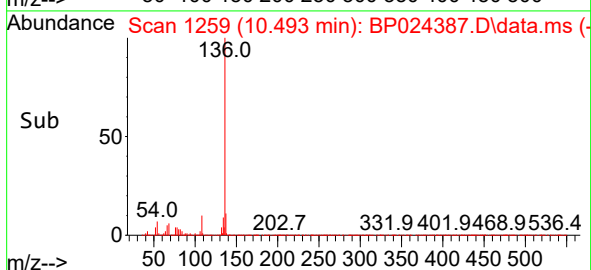
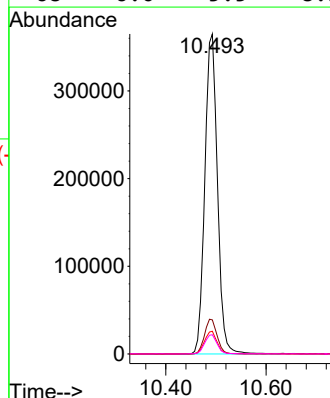
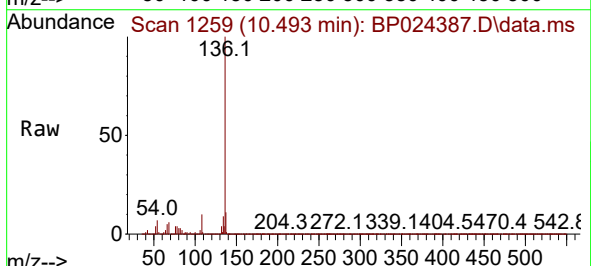
Ion	Ratio	Lower	Upper
99	100		
42	14.9	10.6	16.0
71	32.5	23.7	35.5

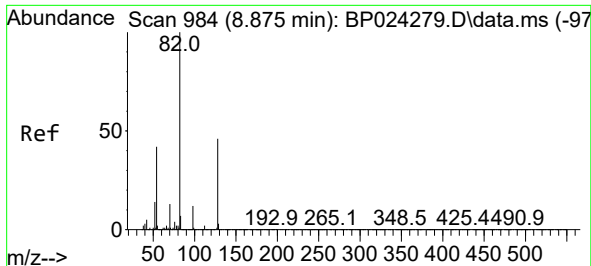


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024387.D
Acq: 22 Apr 2025 20:49

Tgt Ion:136 Resp: 636957

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.1	6.0	9.0
68	6.0	5.5	8.3

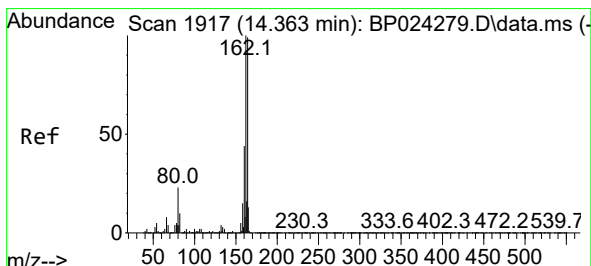
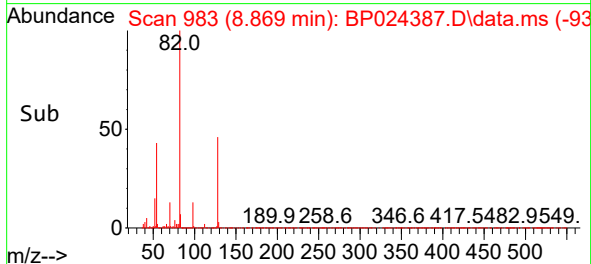
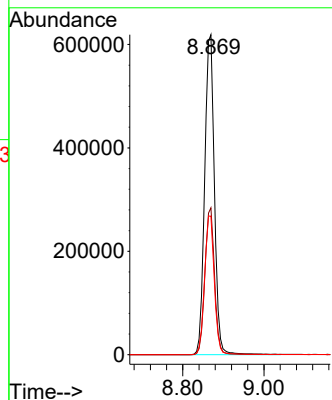
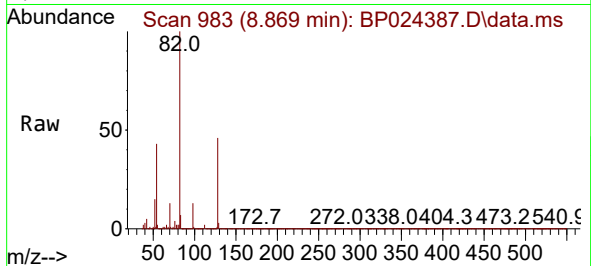




#23
Nitrobenzene-d5
Concen: 92.163 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024387.D
Acq: 22 Apr 2025 20:49

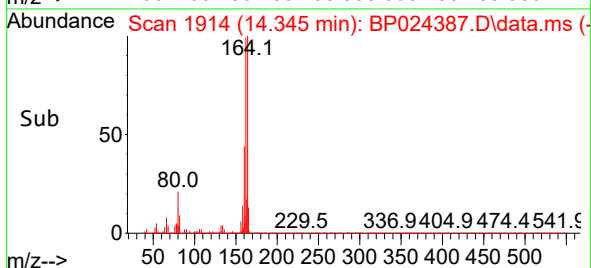
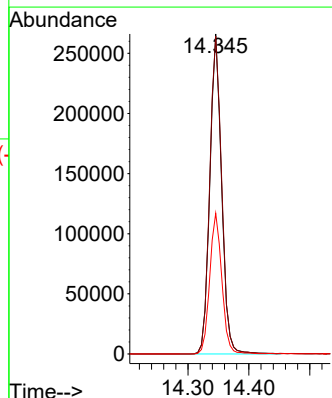
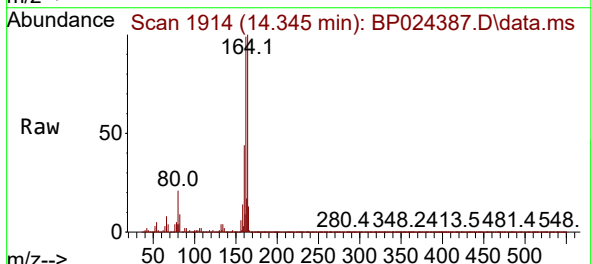
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-12

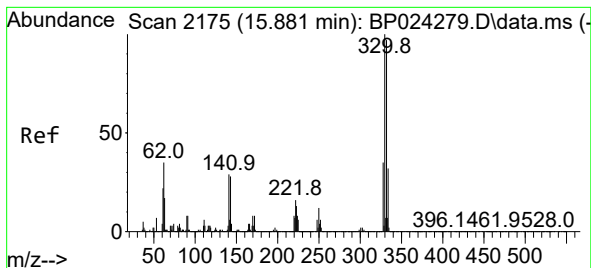
Tgt Ion: 82 Resp: 1029507
Ion Ratio Lower Upper
82 100
128 45.9 36.5 54.7
54 43.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024387.D
Acq: 22 Apr 2025 20:49

Tgt Ion:164 Resp: 356624
Ion Ratio Lower Upper
164 100
162 99.4 80.6 120.8
160 44.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 143.471 ng

RT: 15.863 min Scan# 2175

Delta R.T. 0.000 min

Lab File: BP024387.D

Acq: 22 Apr 2025 20:49

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-12

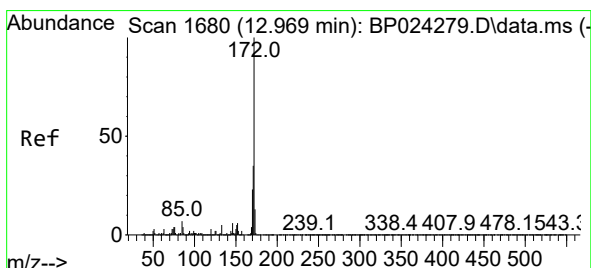
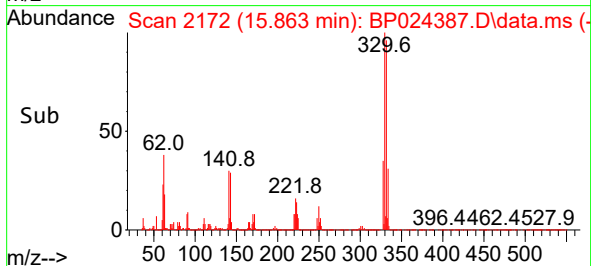
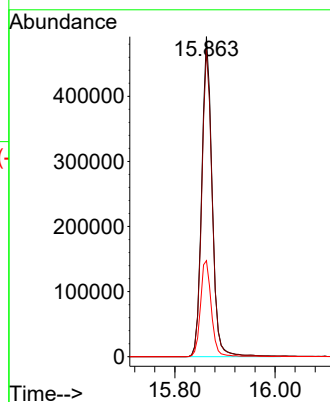
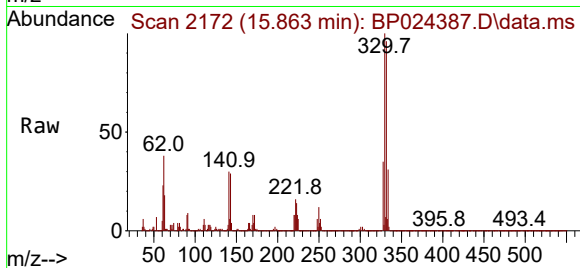
Tgt Ion:330 Resp: 707896

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 31.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 91.773 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP024387.D

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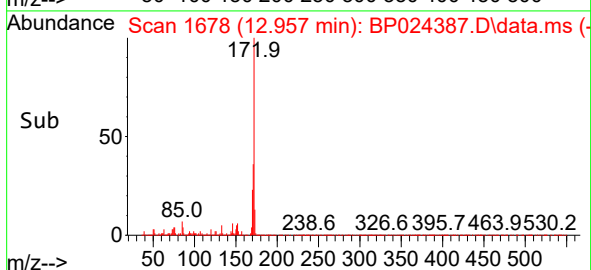
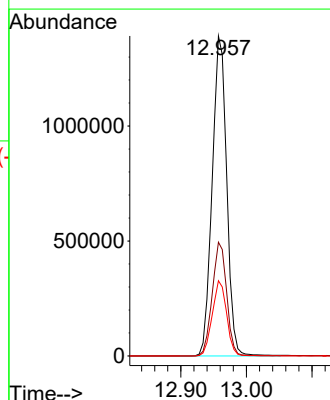
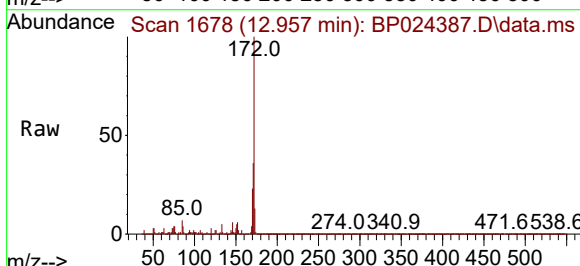
Tgt Ion:172 Resp: 2137571

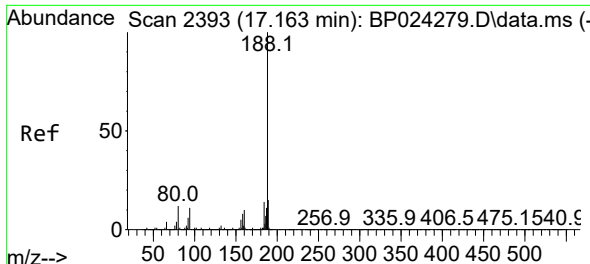
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.5 18.6 27.8

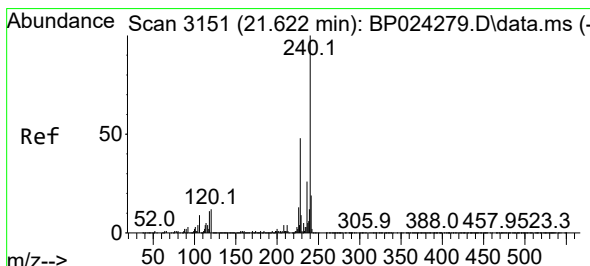
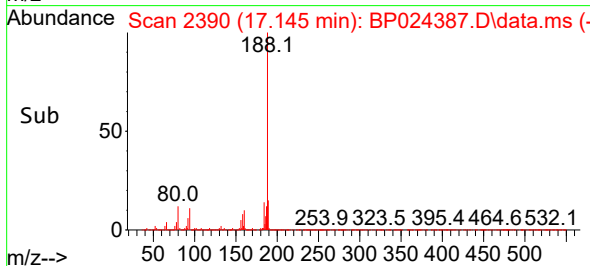
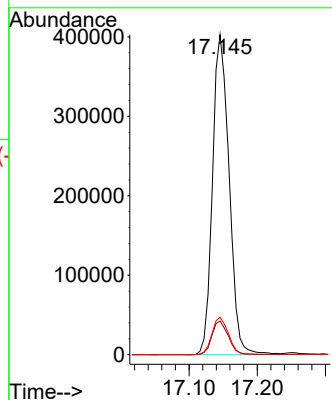
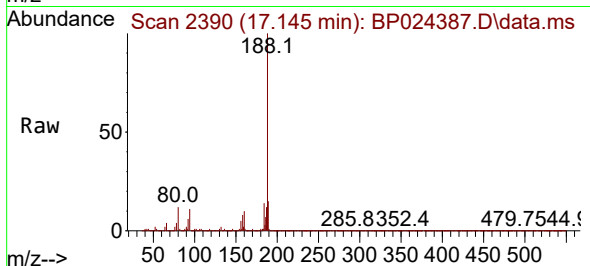




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024387.D
Acq: 22 Apr 2025 20:49

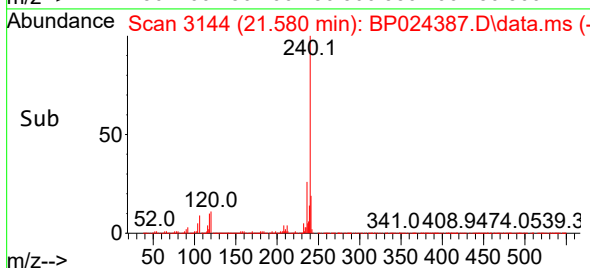
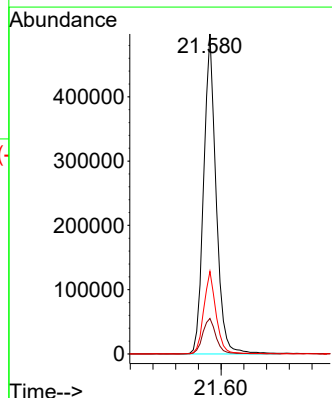
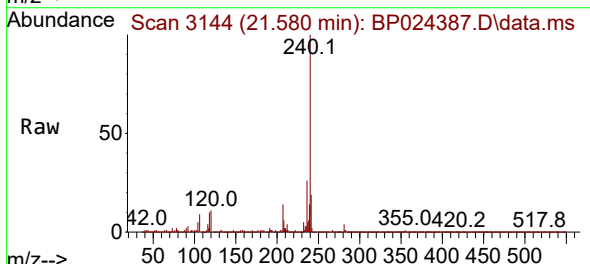
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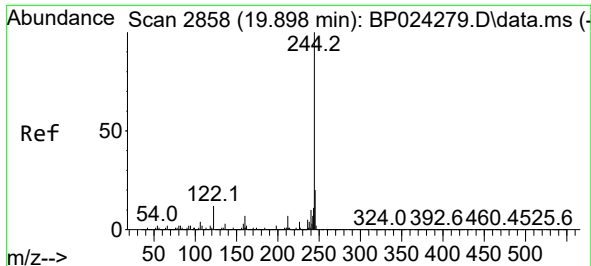
Tgt Ion:188 Resp: 683856
Ion Ratio Lower Upper
188 100
94 10.5 8.6 13.0
80 11.6 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024387.D
Acq: 22 Apr 2025 20:49

Tgt Ion:240 Resp: 754660
Ion Ratio Lower Upper
240 100
120 11.1 9.8 14.8
236 25.8 20.9 31.3

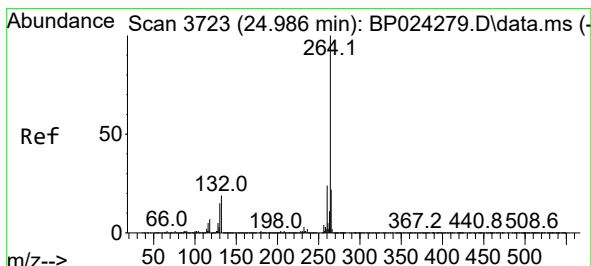
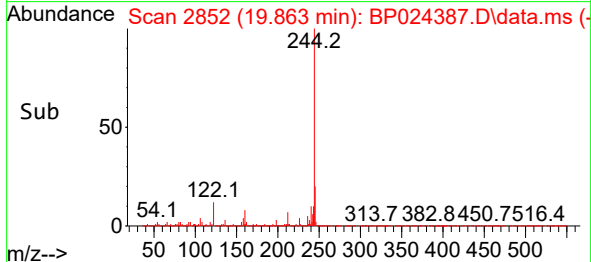
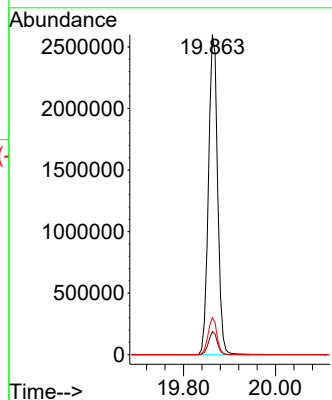
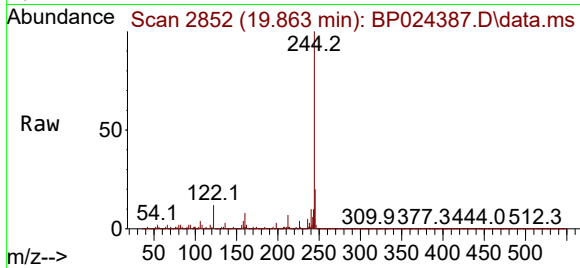




#79
 Terphenyl-d14
 Concen: 96.260 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024387.D
 Acq: 22 Apr 2025 20:49

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-12

Tgt Ion:244 Resp: 3604012
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.6 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: BP024387.D
 Acq: 22 Apr 2025 20:49

Tgt Ion:264 Resp: 525349
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 22.1 17.8 26.6

