

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
 Data File : BP024366.D
 Acq On : 21 Apr 2025 17:38
 Operator : RC/JU
 Sample : Q1832-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-01

Quant Time: Apr 21 18:23:09 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	215664	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	814782	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	476274	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	919398	20.000	ng	0.02
76) Chrysene-d12	21.592	240	1005561	20.000	ng	0.00
86) Perylene-d12	24.945	264	1197247	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1230709	94.356	ng	0.00
7) Phenol-d6	6.911	99	1462913	81.911	ng	0.00
23) Nitrobenzene-d5	8.869	82	965238	67.551	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	805826	122.289	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2024571	65.085	ng	0.00
79) Terphenyl-d14	19.886	244	4311167	86.417	ng	0.01

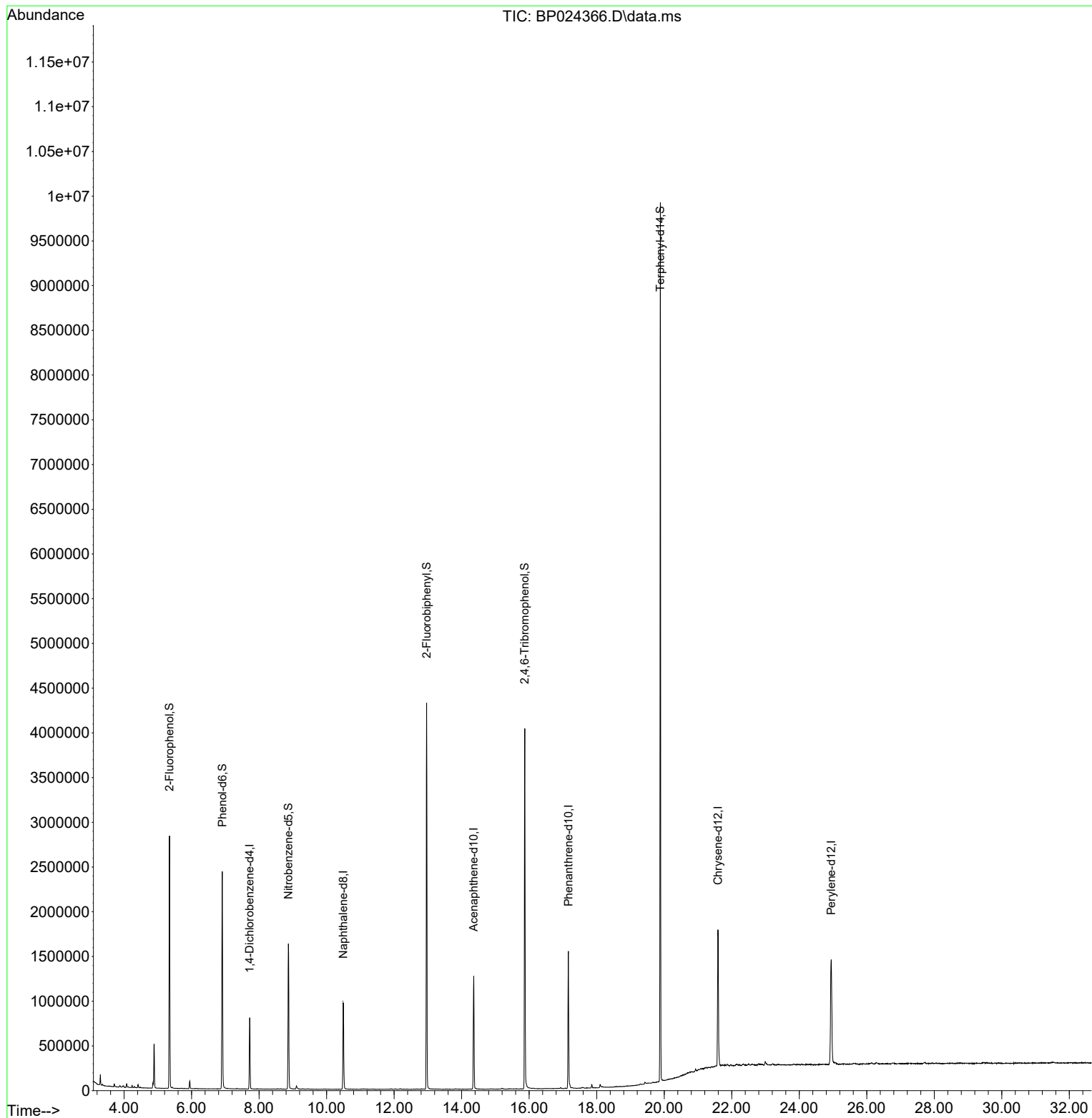
Target Compounds	Qvalue

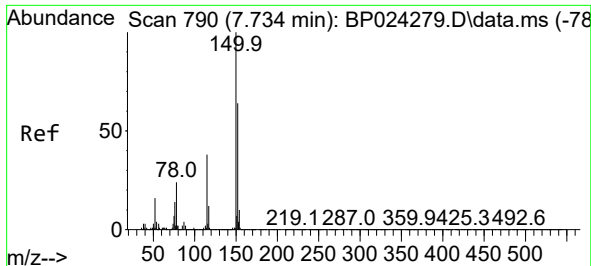
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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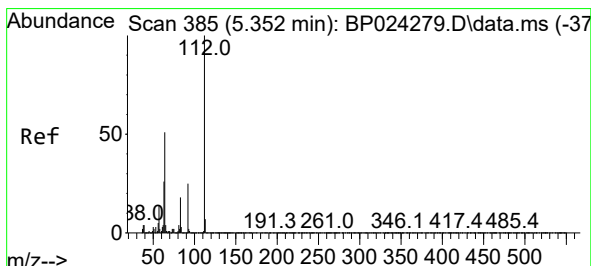
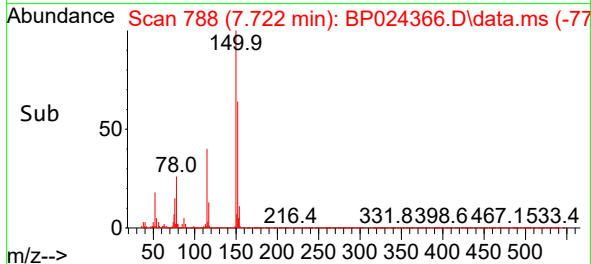
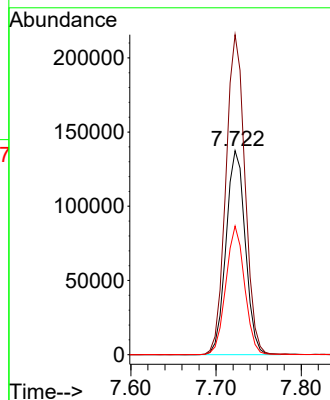
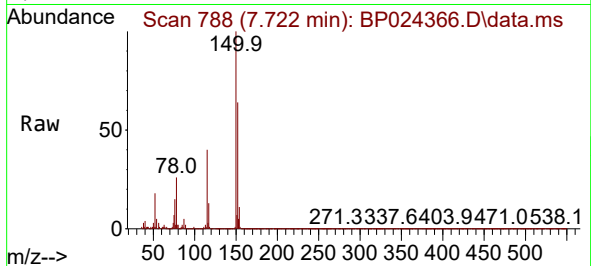




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024366.D
Acq: 21 Apr 2025 17:38

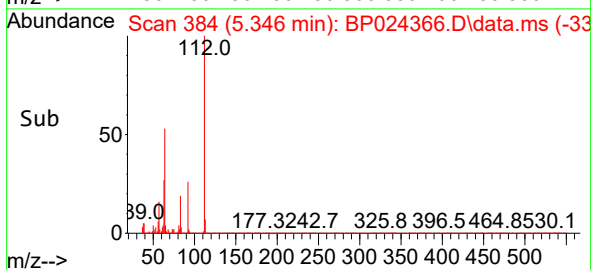
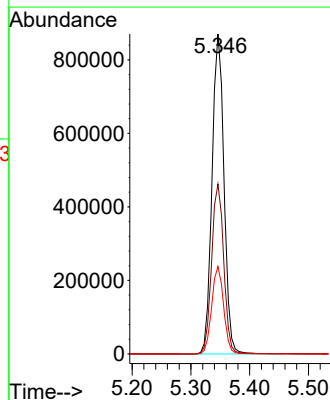
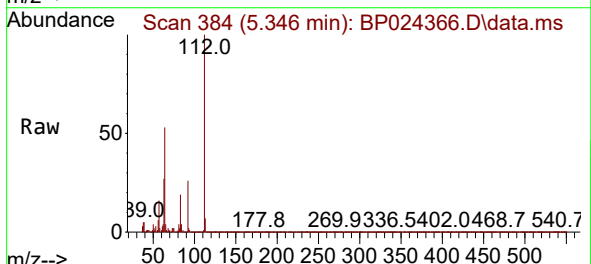
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-01

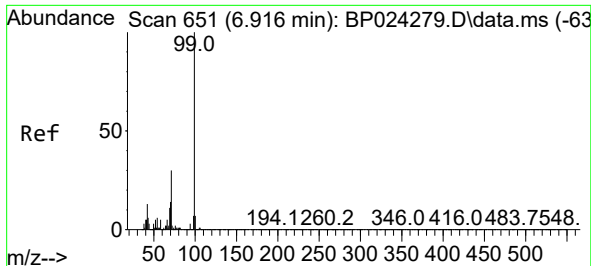
Tgt Ion:152 Resp: 215664
Ion Ratio Lower Upper
152 100
150 156.8 124.9 187.3
115 63.1 47.7 71.5



#5
2-Fluorophenol
Concen: 94.356 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024366.D
Acq: 21 Apr 2025 17:38

Tgt Ion:112 Resp: 1230709
Ion Ratio Lower Upper
112 100
64 53.1 41.1 61.7
63 27.3 20.6 30.8

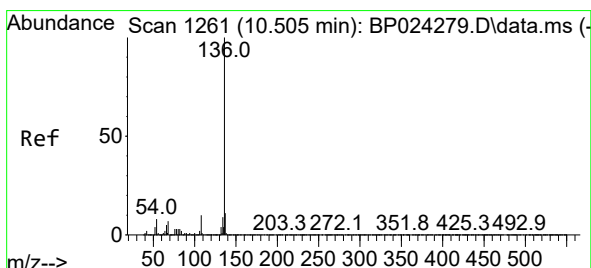
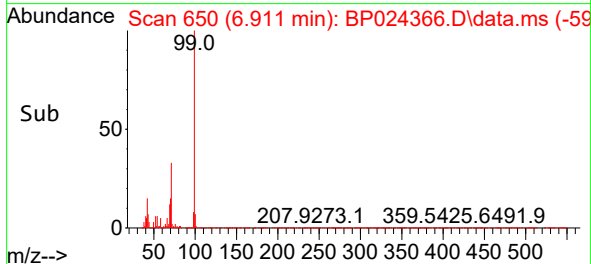
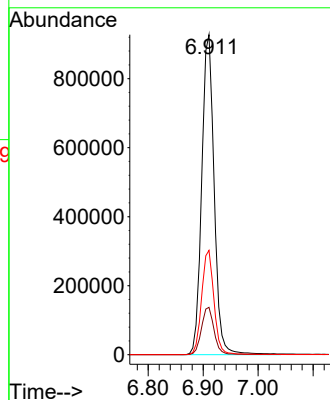
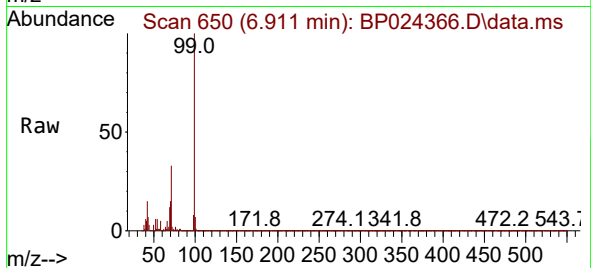




#7
Phenol-d6
Concen: 81.911 ng
RT: 6.911 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024366.D
Acq: 21 Apr 2025 17:38

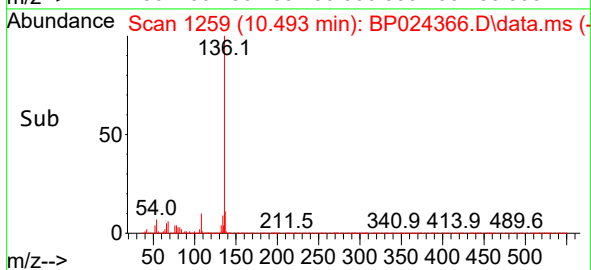
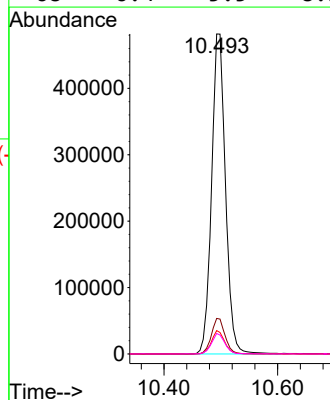
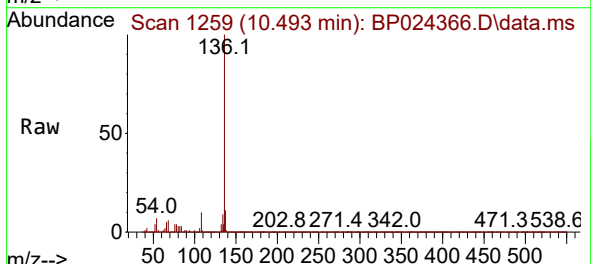
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-01

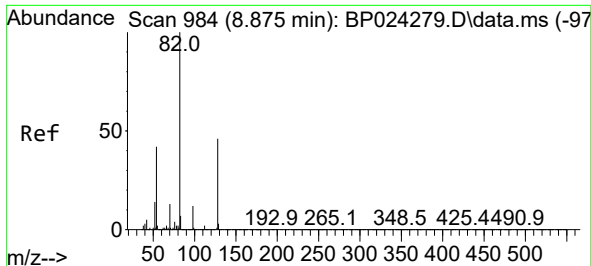
Tgt Ion: 99 Resp: 1462913
Ion Ratio Lower Upper
99 100
42 14.8 10.6 16.0
71 32.6 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024366.D
Acq: 21 Apr 2025 17:38

Tgt Ion: 136 Resp: 814782
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.3 6.0 9.0
68 6.4 5.5 8.3

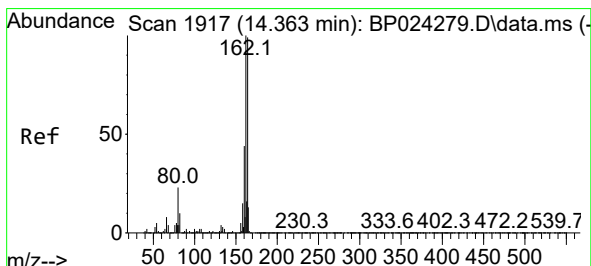
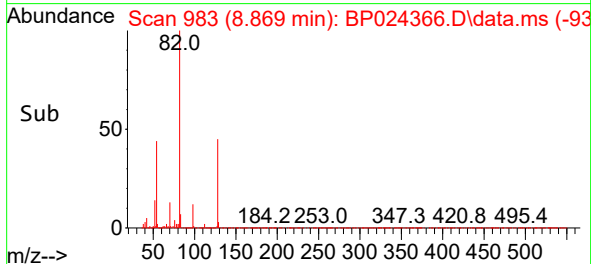
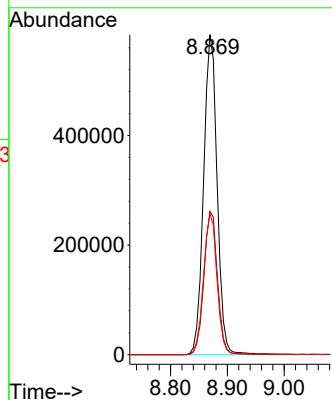
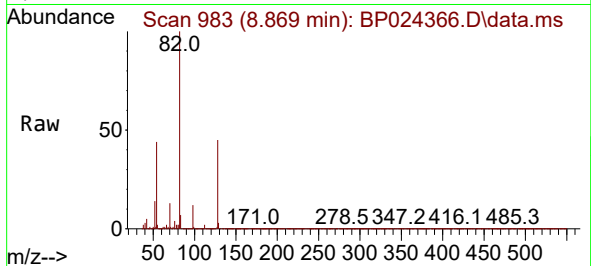




#23
Nitrobenzene-d5
Concen: 67.551 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024366.D
Acq: 21 Apr 2025 17:38

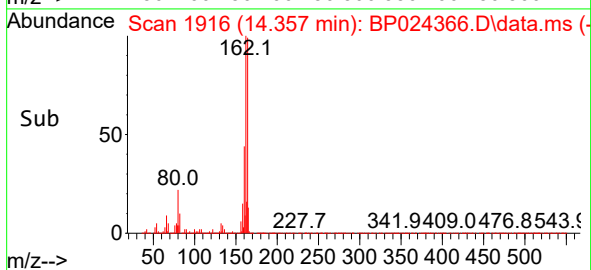
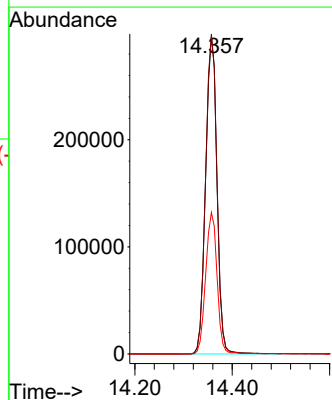
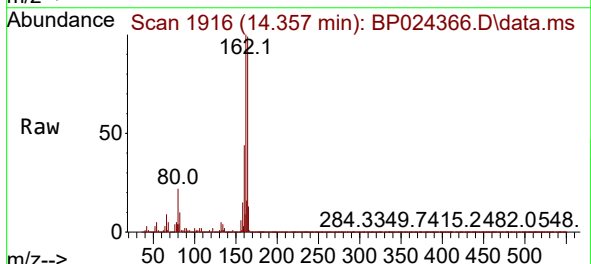
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-01

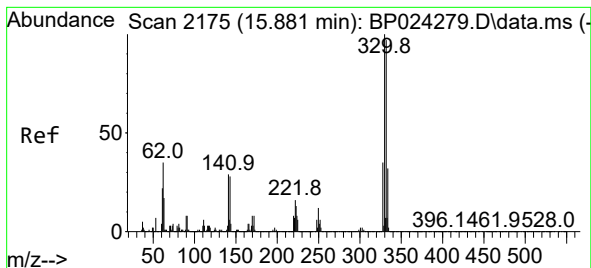
Tgt Ion: 82 Resp: 965238
Ion Ratio Lower Upper
82 100
128 44.8 36.5 54.7
54 44.1 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.357 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP024366.D
Acq: 21 Apr 2025 17:38

Tgt Ion: 164 Resp: 476274
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 122.289 ng

RT: 15.869 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BP024366.D

Acq: 21 Apr 2025 17:38

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-01

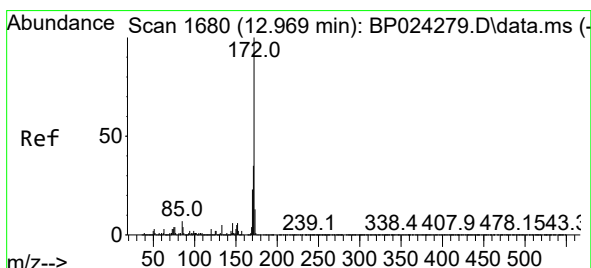
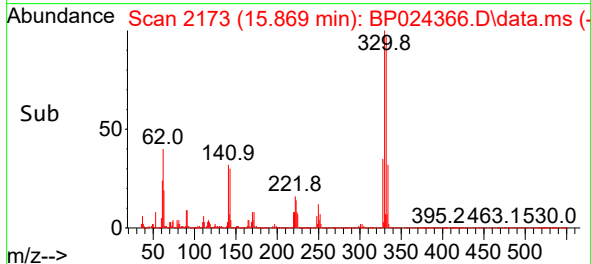
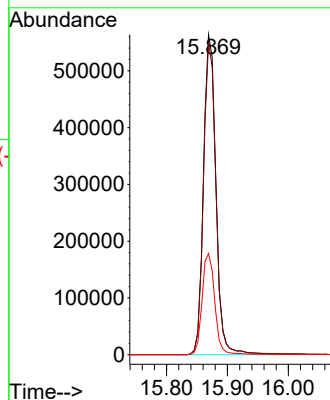
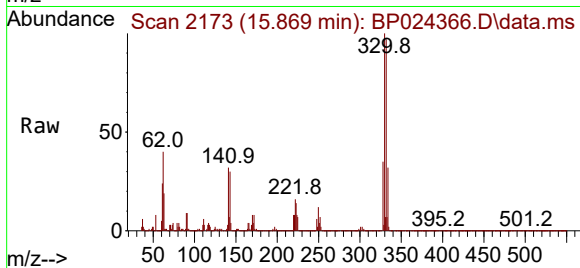
Tgt Ion:330 Resp: 805826

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 32.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 65.085 ng

RT: 12.963 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BP024366.D

Acq: 21 Apr 2025 17:38

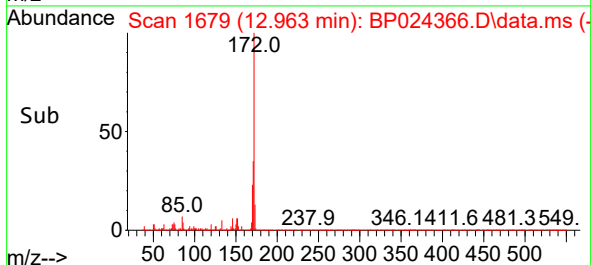
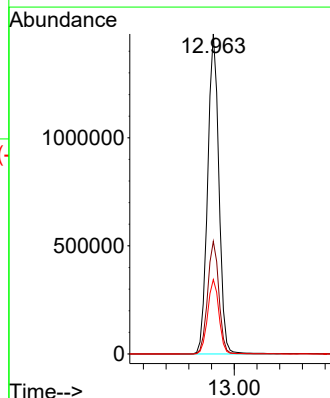
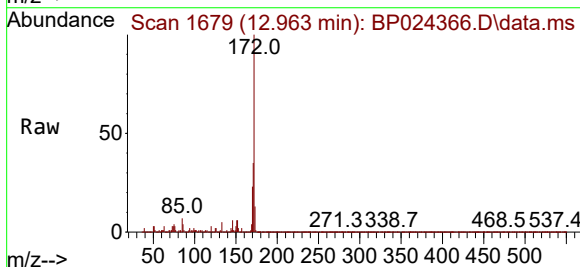
Tgt Ion:172 Resp: 2024571

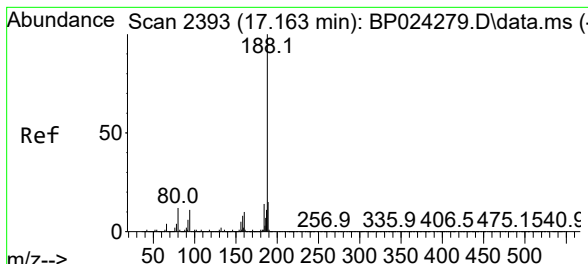
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.2 18.6 27.8

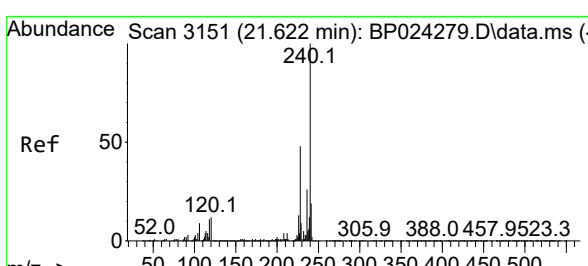
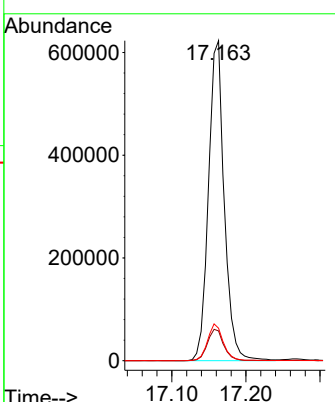
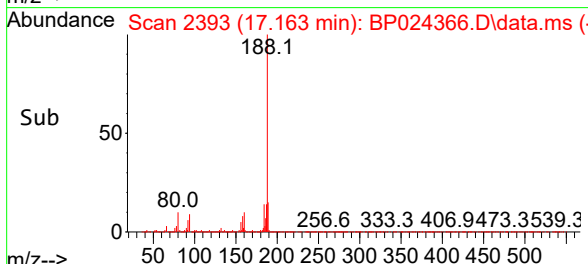
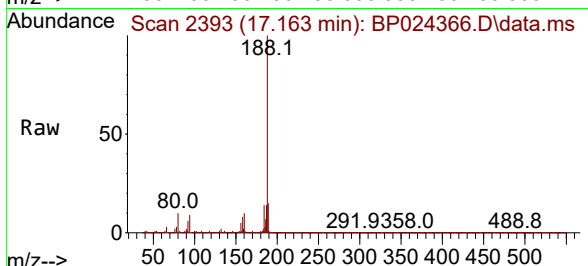




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.163 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BP024366.D
 Acq: 21 Apr 2025 17:38

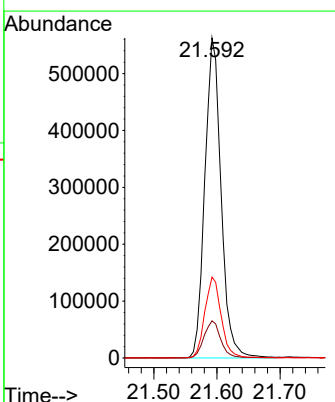
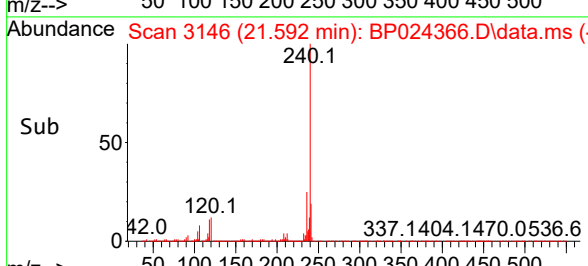
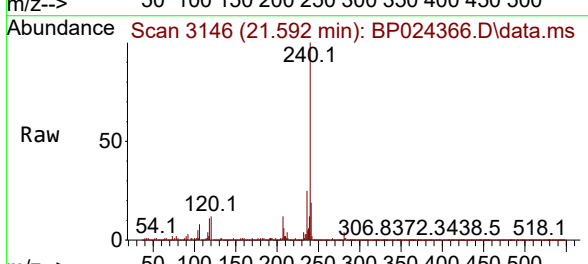
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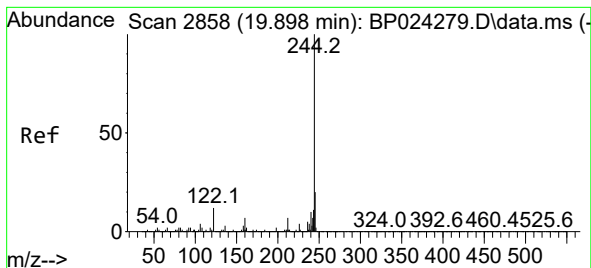
Tgt Ion:	188	Resp:	919398
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.6	13.0
80	10.1	9.8	14.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.592 min Scan# 3146
 Delta R.T. 0.000 min
 Lab File: BP024366.D
 Acq: 21 Apr 2025 17:38

Tgt Ion:	240	Resp:	1005561
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.8	14.8
236	25.3	20.9	31.3





#79

Terphenyl-d14

Concen: 86.417 ng

RT: 19.886 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024366.D

Acq: 21 Apr 2025 17:38

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-01

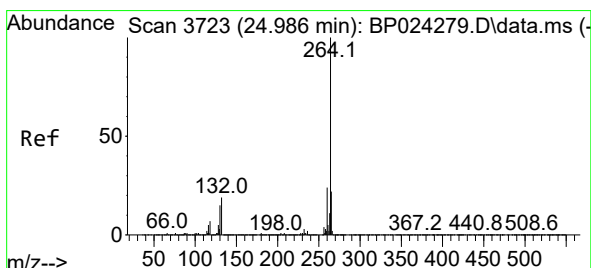
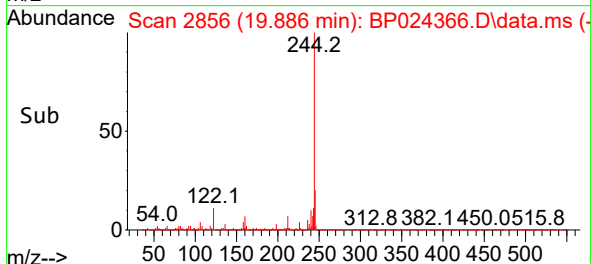
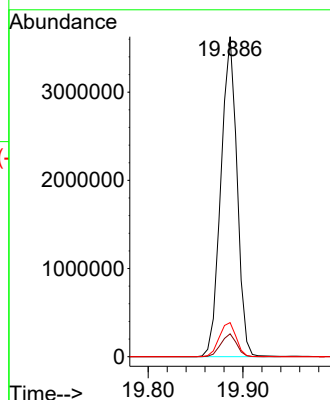
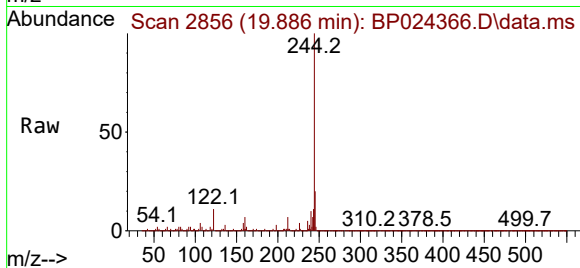
Tgt Ion:244 Resp: 4311167

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.7 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. 0.012 min

Lab File: BP024366.D

Acq: 21 Apr 2025 17:38

Tgt Ion:264 Resp: 1197247

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.4 17.8 26.6

