

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
 Data File : BP024367.D
 Acq On : 21 Apr 2025 18:19
 Operator : RC/JU
 Sample : Q1832-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-02

Quant Time: Apr 22 01:02:01 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	209162	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	782392	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	462954	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	953384	20.000	ng	0.00
76) Chrysene-d12	21.598	240	1142305	20.000	ng	0.00
86) Perylene-d12	24.939	264	1232821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1357106	107.281	ng	0.00
7) Phenol-d6	6.911	99	1654274	95.505	ng	0.00
23) Nitrobenzene-d5	8.869	82	1070137	77.992	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	884985	138.166	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2314732	76.554	ng	0.00
79) Terphenyl-d14	19.869	244	5055584	89.208	ng	0.00

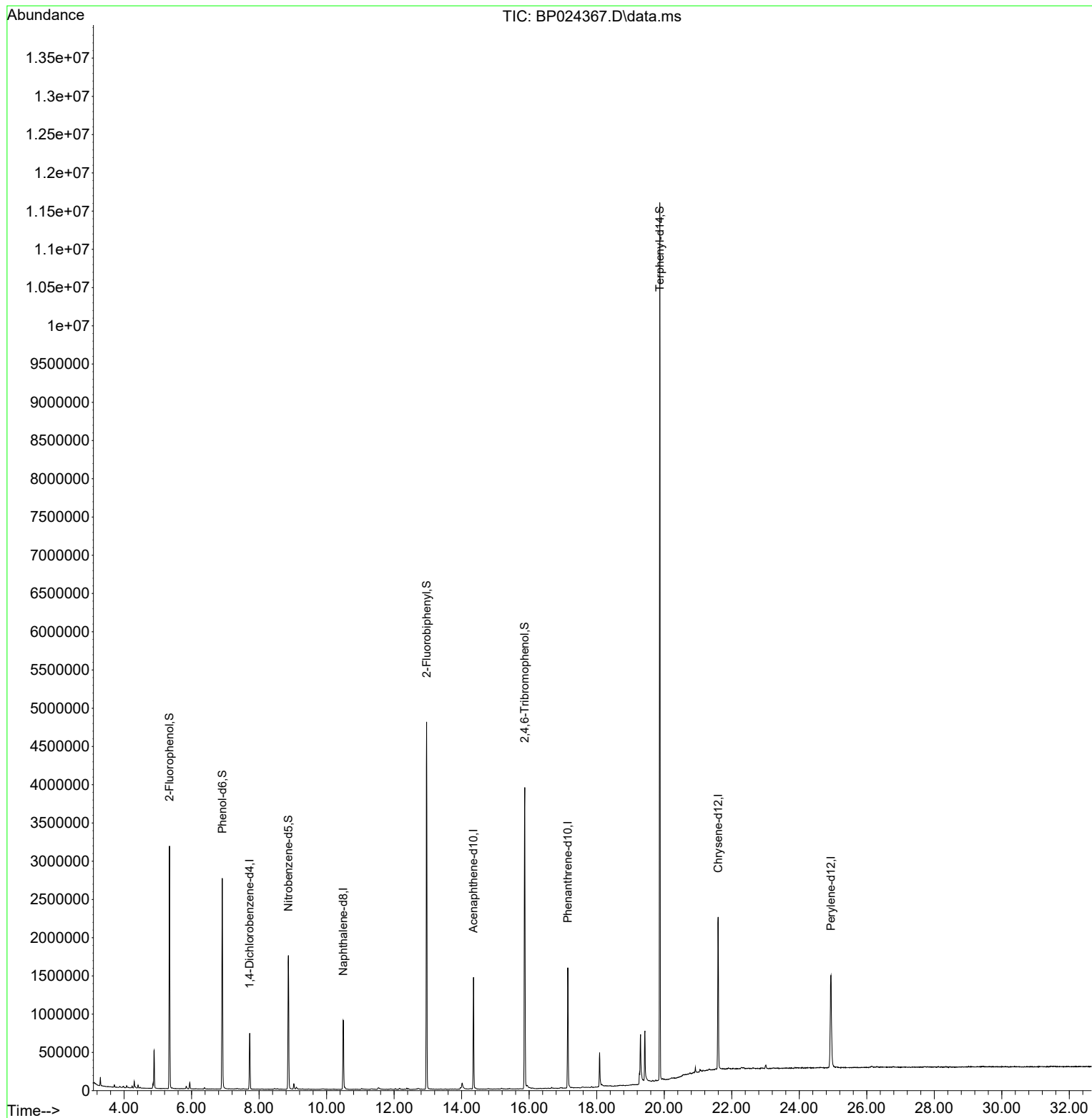
Target Compounds	Qvalue

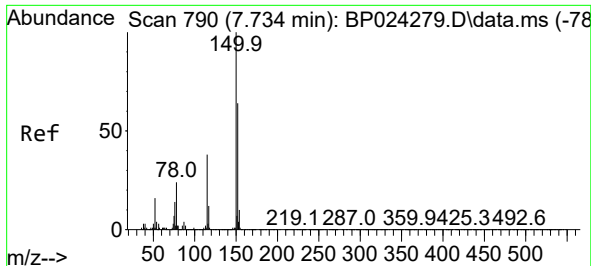
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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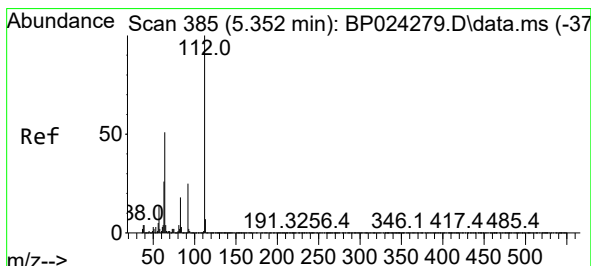
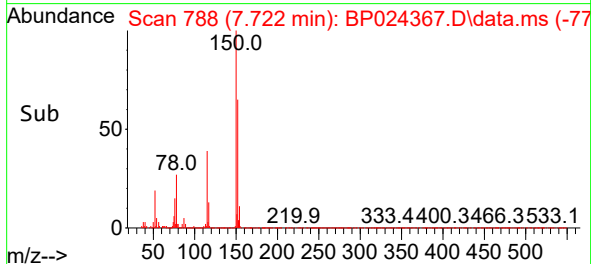
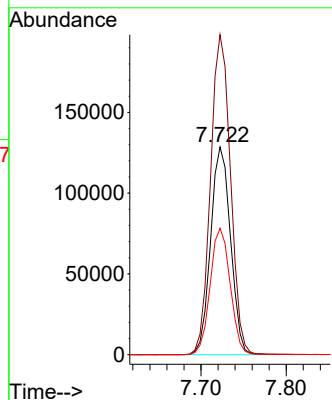
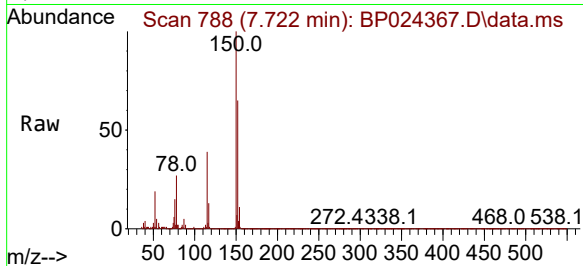




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024367.D
Acq: 21 Apr 2025 18:19

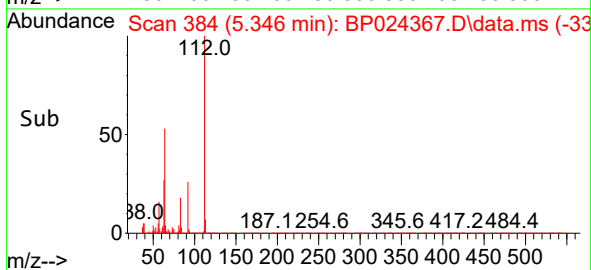
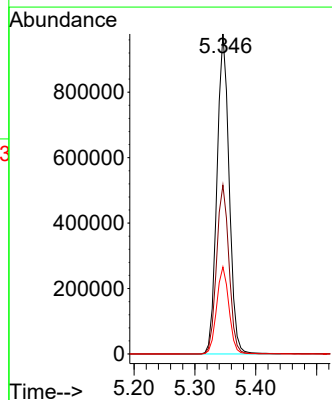
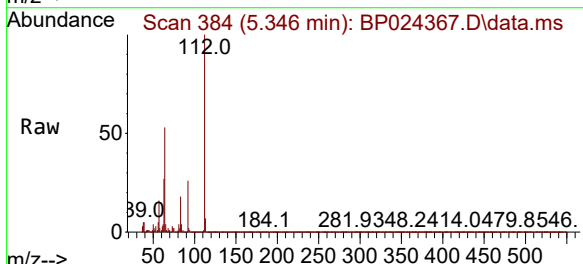
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-02

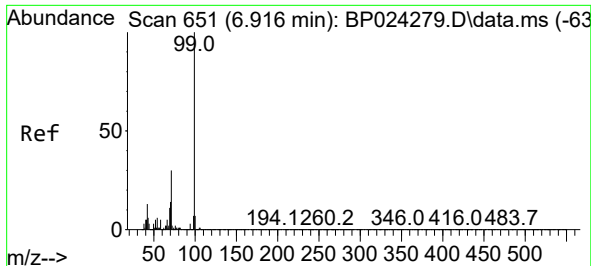
Tgt Ion:152 Resp: 209162
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 60.8 47.7 71.5



#5
2-Fluorophenol
Concen: 107.281 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024367.D
Acq: 21 Apr 2025 18:19

Tgt Ion:112 Resp: 1357106
Ion Ratio Lower Upper
112 100
64 52.7 41.1 61.7
63 27.2 20.6 30.8

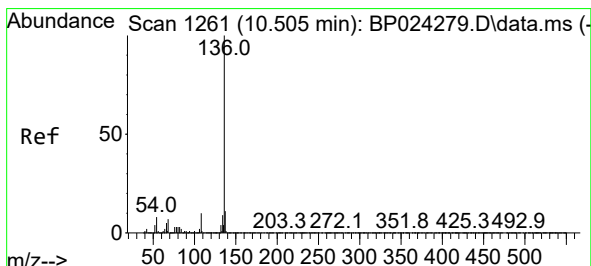
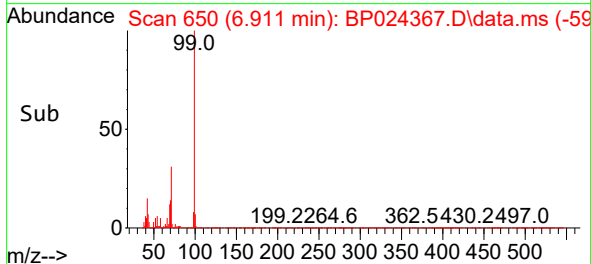
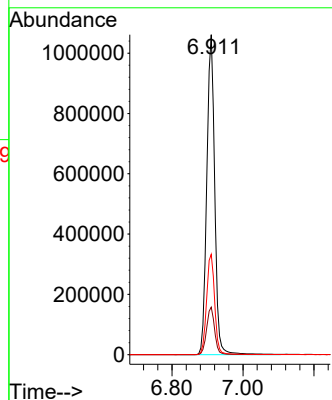
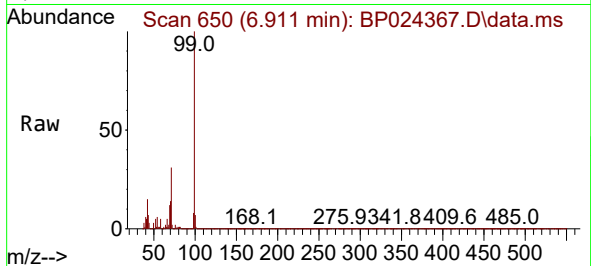




#7
Phenol-d6
Concen: 95.505 ng
RT: 6.911 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024367.D
Acq: 21 Apr 2025 18:19

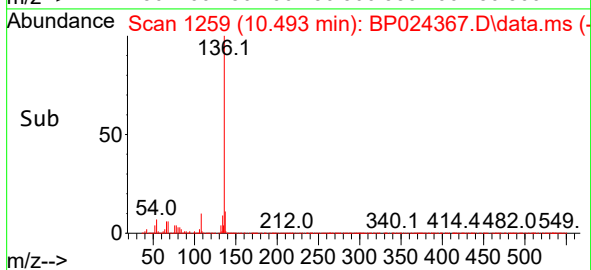
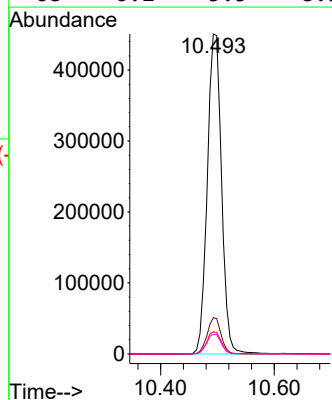
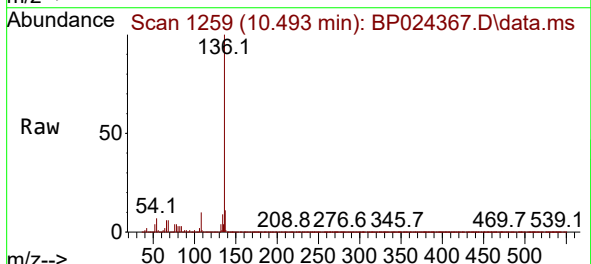
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-02

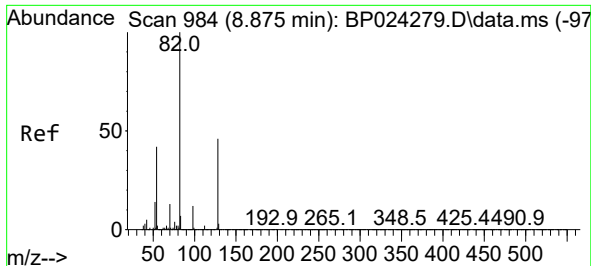
Tgt Ion: 99 Resp: 1654274
Ion Ratio Lower Upper
99 100
42 14.8 10.6 16.0
71 31.3 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024367.D
Acq: 21 Apr 2025 18:19

Tgt Ion: 136 Resp: 782392
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 6.9 6.0 9.0
68 6.2 5.5 8.3

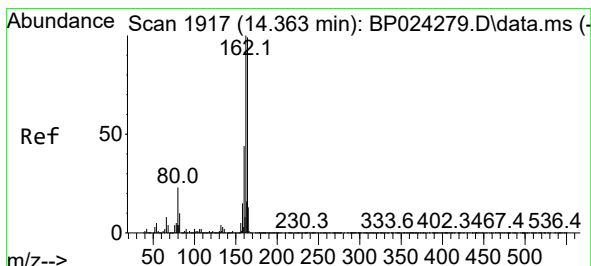
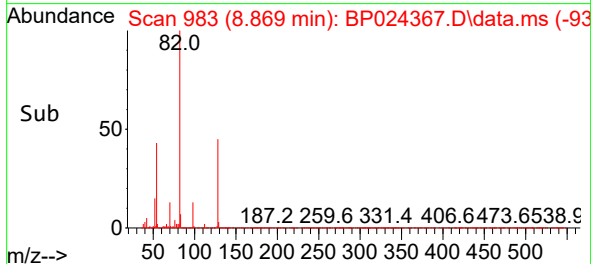
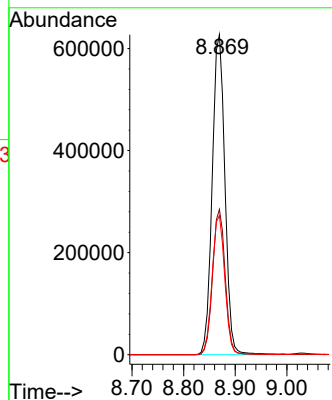
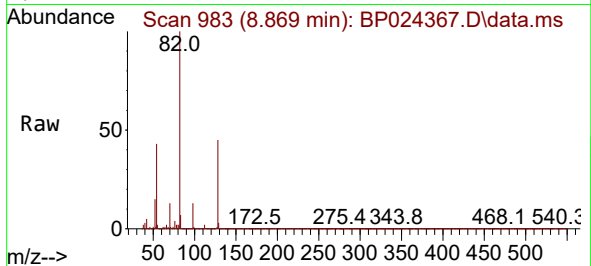




#23
Nitrobenzene-d5
Concen: 77.992 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024367.D
Acq: 21 Apr 2025 18:19

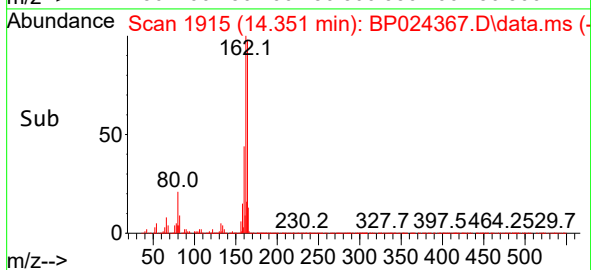
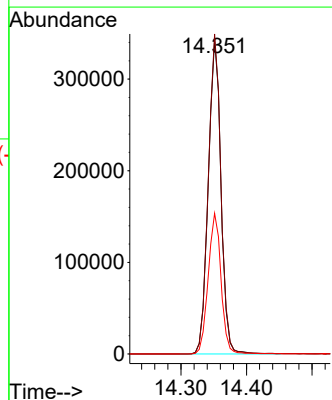
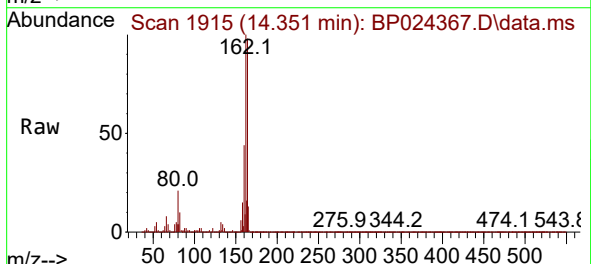
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-02

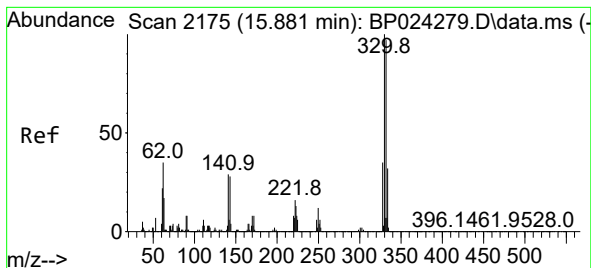
Tgt Ion: 82 Resp: 1070137
Ion Ratio Lower Upper
82 100
128 45.4 36.5 54.7
54 43.4 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024367.D
Acq: 21 Apr 2025 18:19

Tgt Ion: 164 Resp: 462954
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 44.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 138.166 ng

RT: 15.869 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024367.D

Acq: 21 Apr 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-02

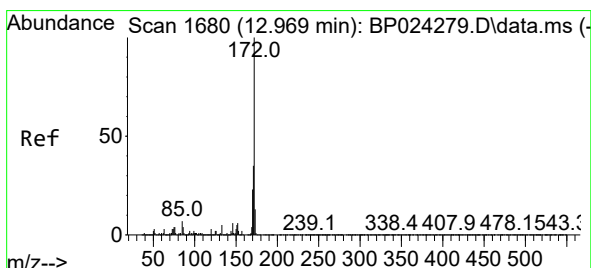
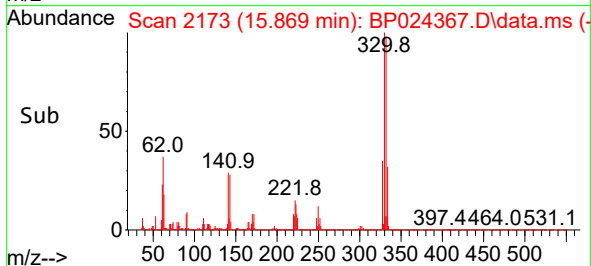
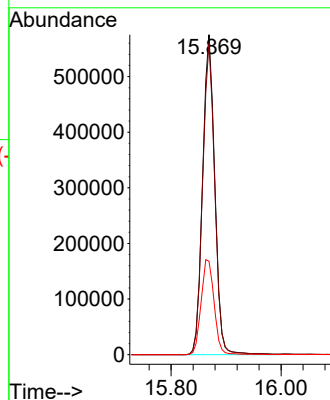
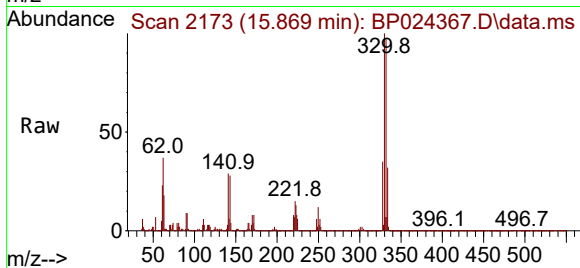
Tgt Ion:330 Resp: 884985

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 31.7 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 76.554 ng

RT: 12.963 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BP024367.D

Acq: 21 Apr 2025 18:19

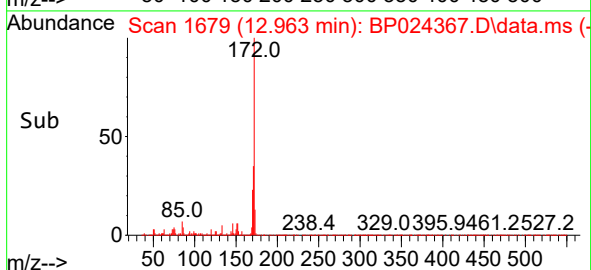
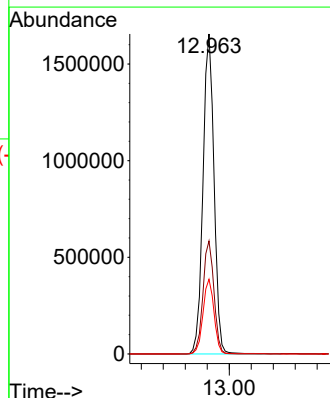
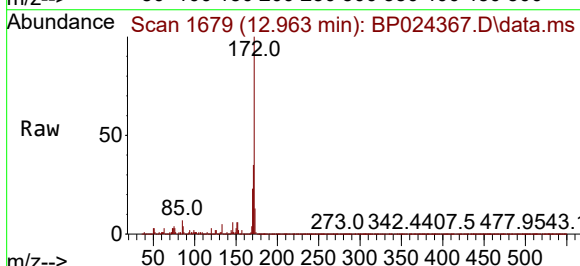
Tgt Ion:172 Resp: 2314732

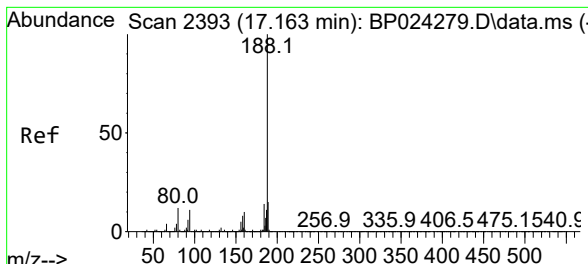
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.4 18.6 27.8

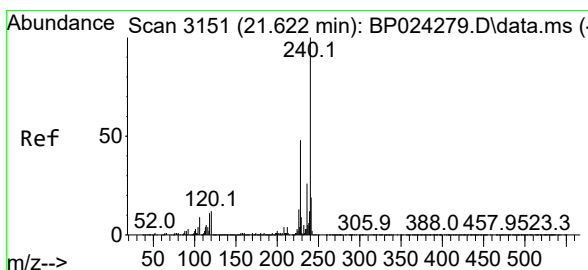
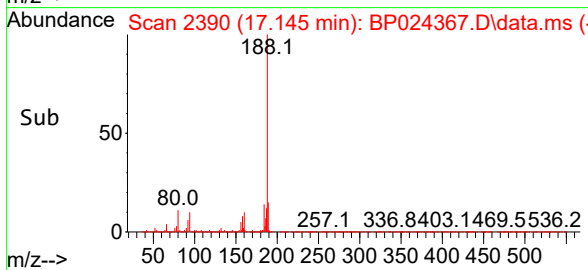
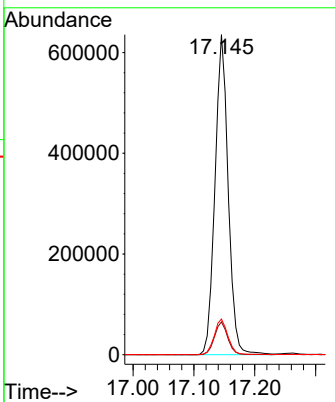
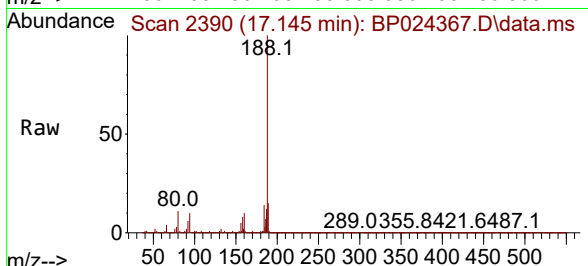




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024367.D
Acq: 21 Apr 2025 18:19

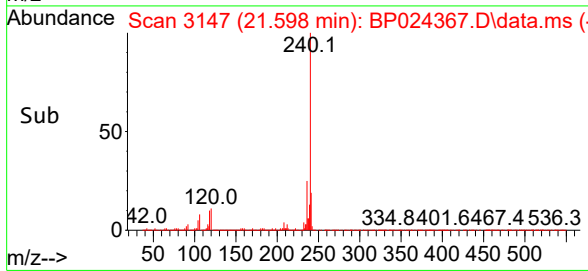
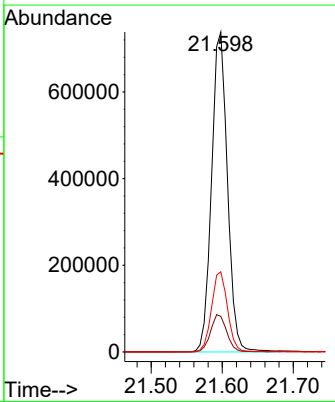
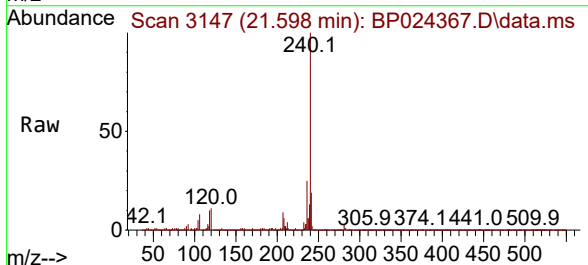
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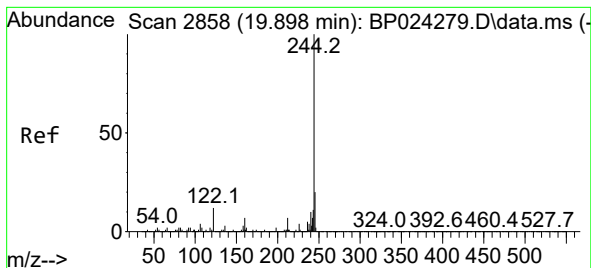
Tgt Ion:	188	Resp:	953384
Ion Ratio	Lower	Upper	
188	100		
94	10.3	8.6	13.0
80	11.1	9.8	14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024367.D
Acq: 21 Apr 2025 18:19

Tgt Ion:	240	Resp:	1142305
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.8	14.8
236	25.0	20.9	31.3





#79

Terphenyl-d14

Concen: 89.208 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024367.D

Acq: 21 Apr 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-02

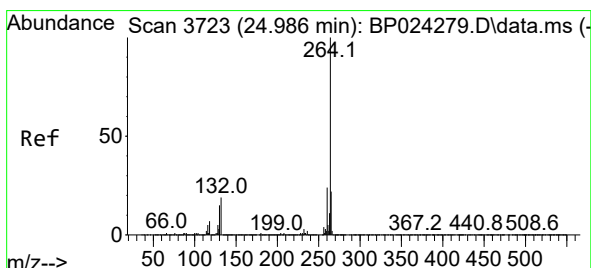
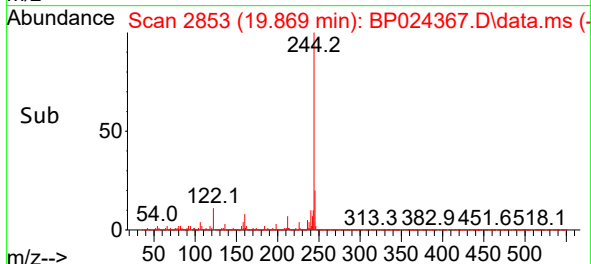
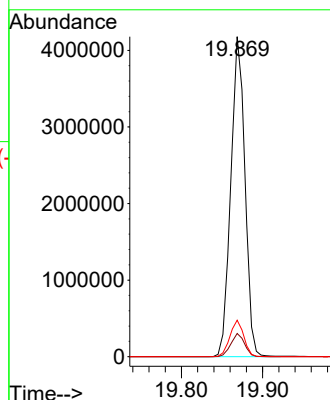
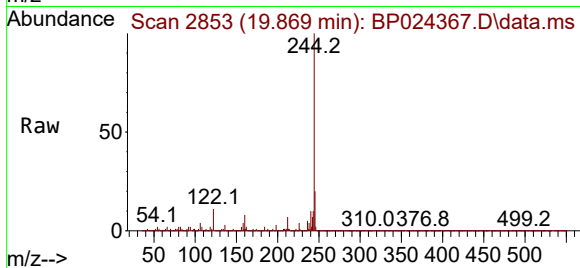
Tgt Ion:244 Resp: 5055584

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.4 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.939 min Scan# 3715

Delta R.T. 0.006 min

Lab File: BP024367.D

Acq: 21 Apr 2025 18:19

Tgt Ion:264 Resp: 1232821

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.9 17.8 26.6

