

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
 Data File : BP024246.D
 Acq On : 10 Apr 2025 10:27
 Operator : RC/JU
 Sample : PB167518BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167518BL

Quant Time: Apr 10 11:29:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	279744	20.000	ng	-0.02
21) Naphthalene-d8	10.528	136	1127548	20.000	ng	-0.02
39) Acenaphthene-d10	14.387	164	674843	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1292039	20.000	ng	-0.02
76) Chrysene-d12	21.621	240	1334330	20.000	ng	-0.04
86) Perylene-d12	24.986	264	1503669	20.000	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2662955	151.954	ng	-0.01
7) Phenol-d6	6.934	99	3335740	142.339	ng	-0.02
23) Nitrobenzene-d5	8.899	82	1951169	97.634	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	1351320	158.969	ng	-0.02
45) 2-Fluorobiphenyl	12.998	172	4408592	96.327	ng	-0.02
79) Terphenyl-d14	19.898	244	6462663	99.978	ng	-0.02

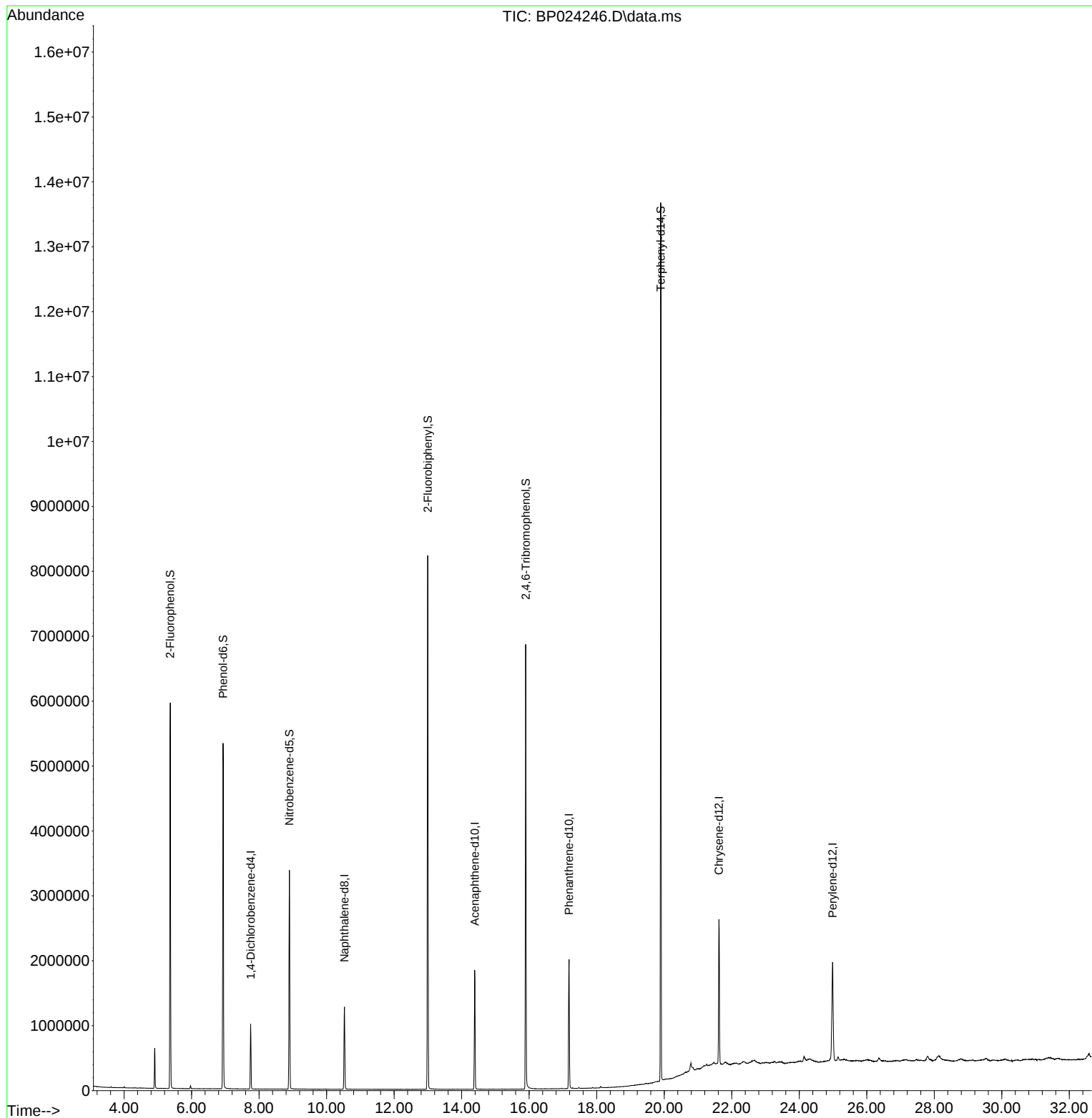
Target Compounds	Qvalue

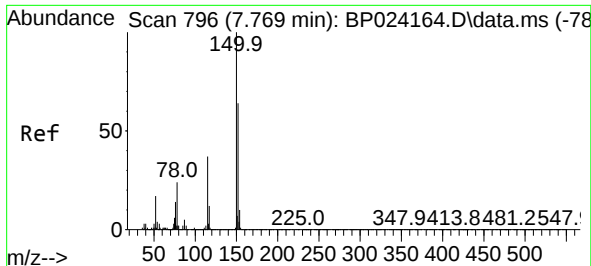
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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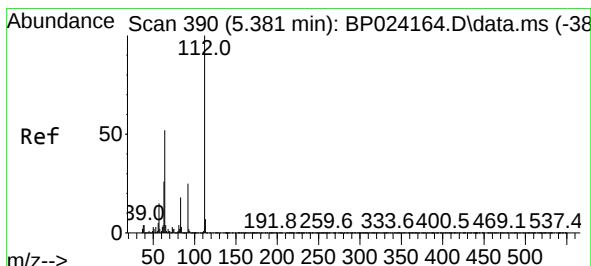
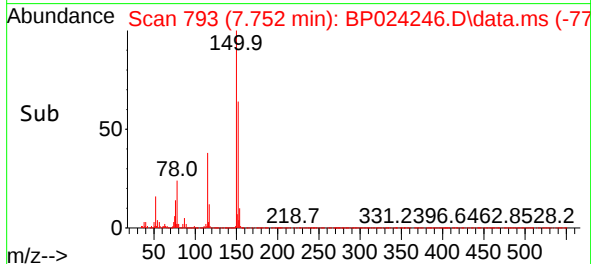
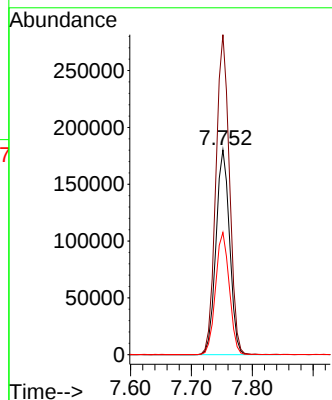
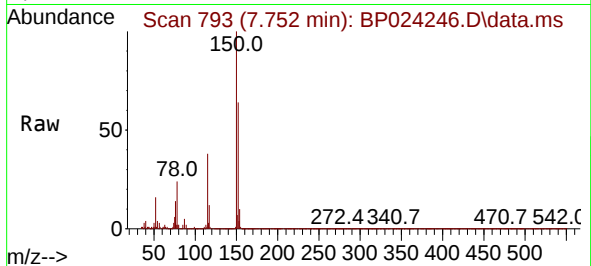




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 796
Delta R.T. -0.017 min
Lab File: BP024246.D
Acq: 10 Apr 2025 10:27

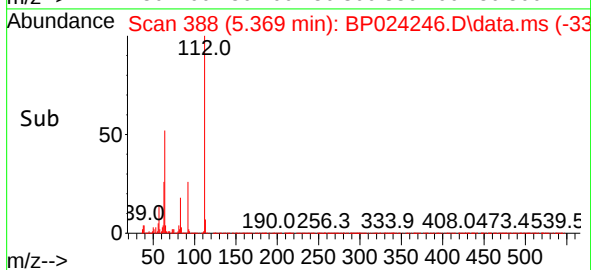
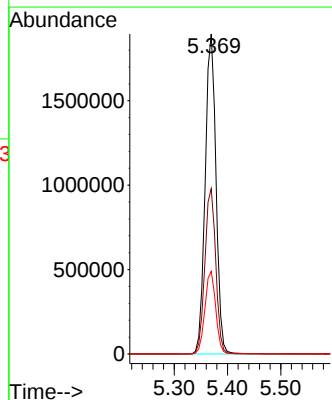
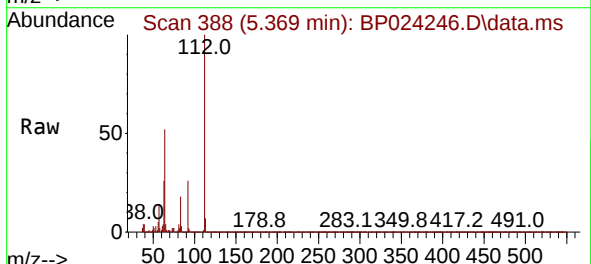
Instrument :
BNA_P
ClientSampleId :
PB167518BL

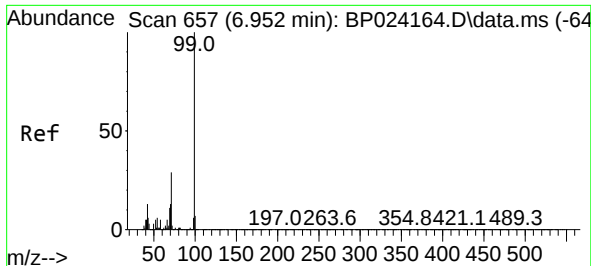
Tgt Ion:152 Resp: 279744
Ion Ratio Lower Upper
152 100
150 156.2 125.5 188.3
115 59.7 46.3 69.5



#5
2-Fluorophenol
Concen: 151.954 ng
RT: 5.369 min Scan# 388
Delta R.T. -0.012 min
Lab File: BP024246.D
Acq: 10 Apr 2025 10:27

Tgt Ion:112 Resp: 2662955
Ion Ratio Lower Upper
112 100
64 51.6 41.3 61.9
63 25.9 20.6 31.0

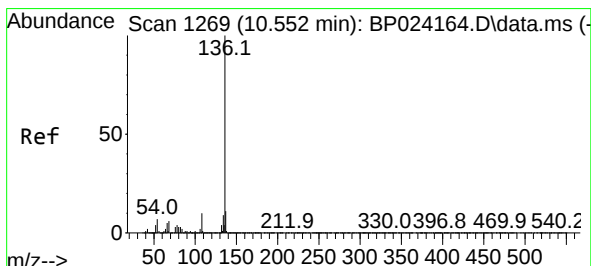
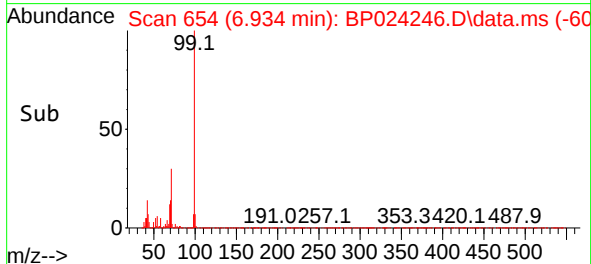
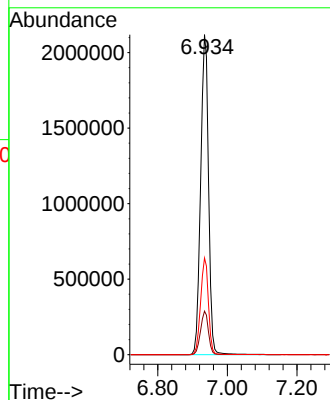
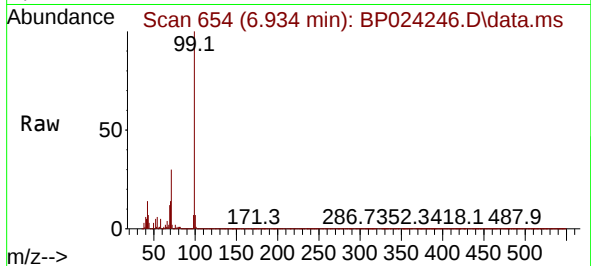




#7
Phenol-d6
Concen: 142.339 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP024246.D
Acq: 10 Apr 2025 10:27

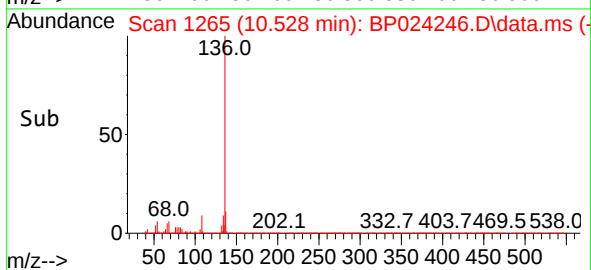
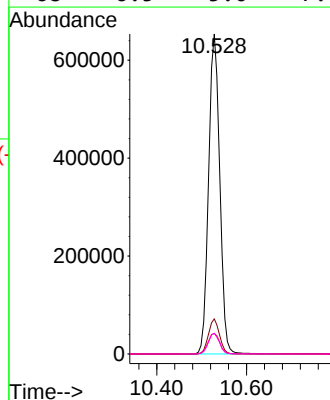
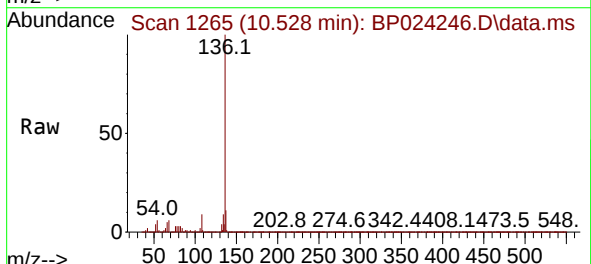
Instrument :
BNA_P
ClientSampleId :
PB167518BL

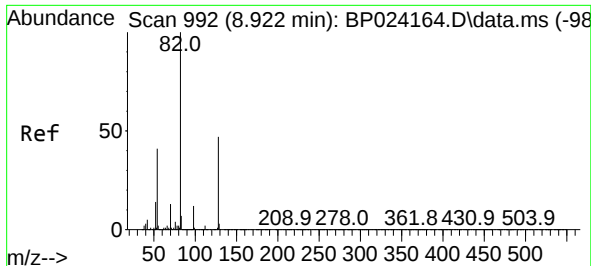
Tgt Ion: 99 Resp: 3335740
Ion Ratio Lower Upper
99 100
42 13.6 10.6 16.0
71 30.2 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1265
Delta R.T. -0.024 min
Lab File: BP024246.D
Acq: 10 Apr 2025 10:27

Tgt Ion: 136 Resp: 1127548
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.4 5.3 7.9
68 6.5 5.0 7.4

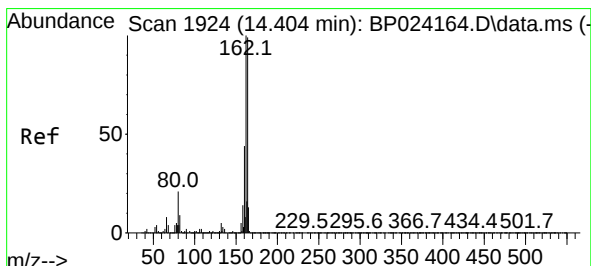
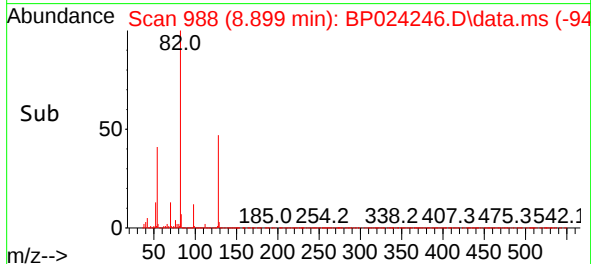
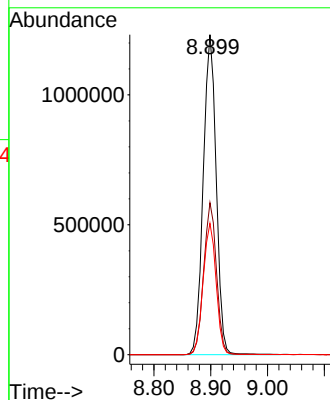
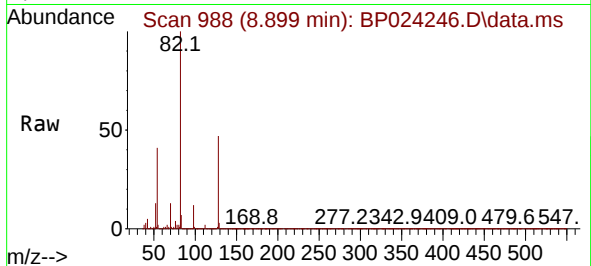




#23
Nitrobenzene-d5
Concen: 97.634 ng
RT: 8.899 min Scan# 91
Delta R.T. -0.024 min
Lab File: BP024246.D
Acq: 10 Apr 2025 10:27

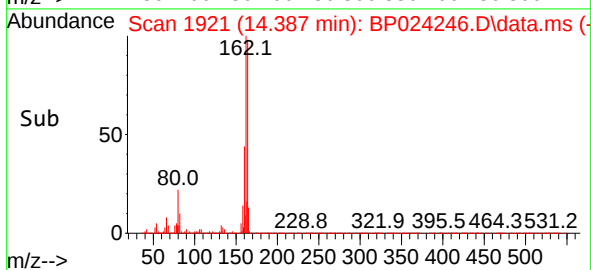
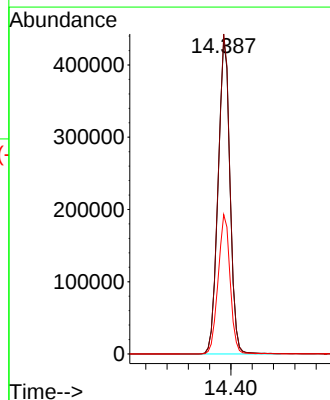
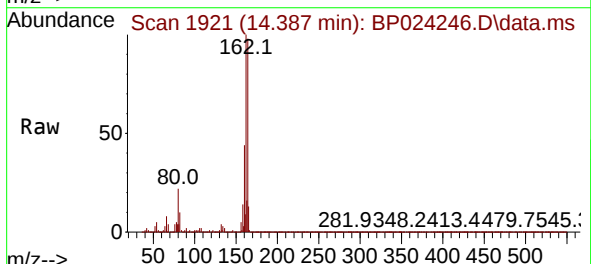
Instrument :
BNA_P
ClientSampleId :
PB167518BL

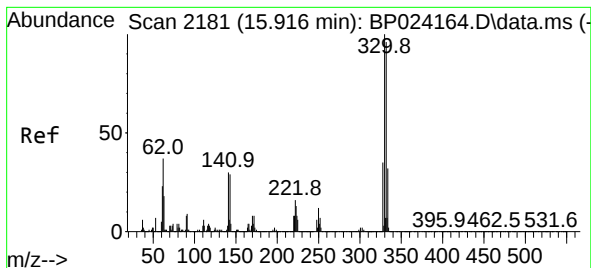
Tgt Ion: 82 Resp: 1951169
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.0
54 41.1 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1921
Delta R.T. -0.018 min
Lab File: BP024246.D
Acq: 10 Apr 2025 10:27

Tgt Ion:164 Resp: 674843
Ion Ratio Lower Upper
164 100
162 101.8 80.6 121.0
160 44.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 158.969 ng

RT: 15.898 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024246.D

Acq: 10 Apr 2025 10:27

Instrument :

BNA_P

ClientSampleId :

PB167518BL

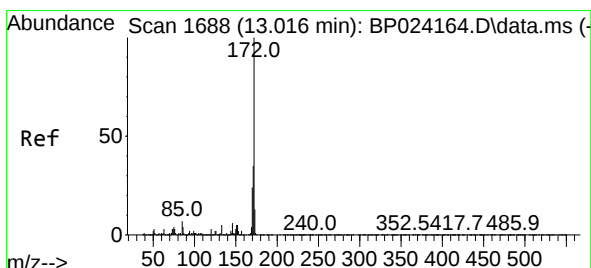
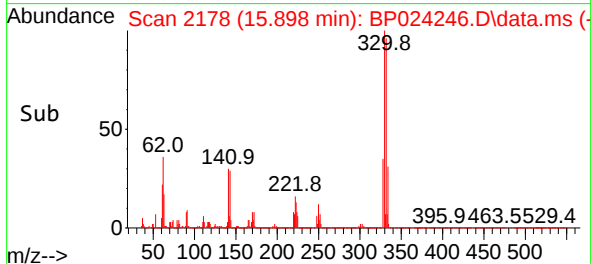
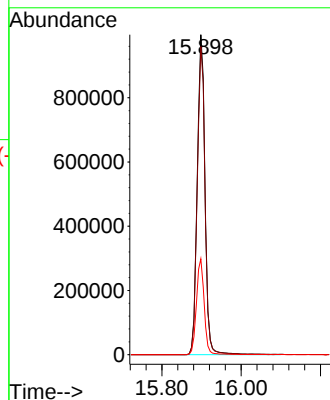
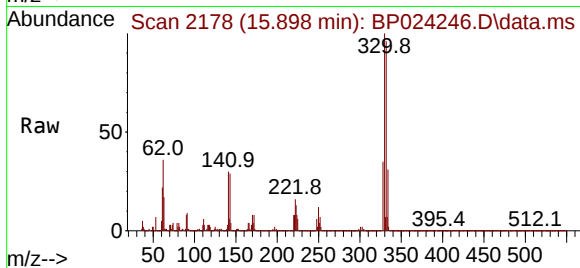
Tgt Ion:330 Resp: 1351320

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 29.9 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 96.327 ng

RT: 12.998 min Scan# 1685

Delta R.T. -0.018 min

Lab File: BP024246.D

Acq: 10 Apr 2025 10:27

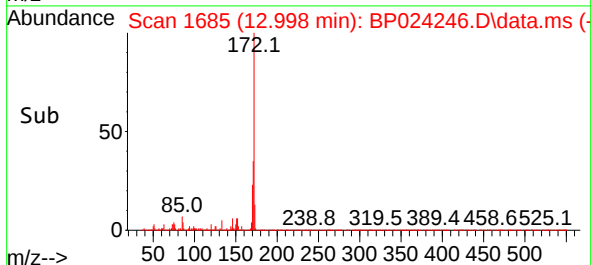
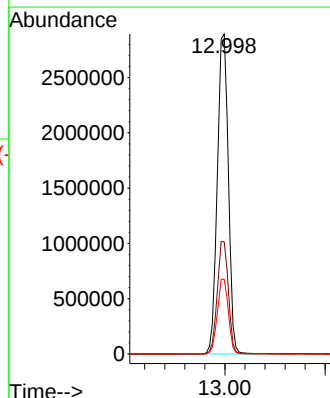
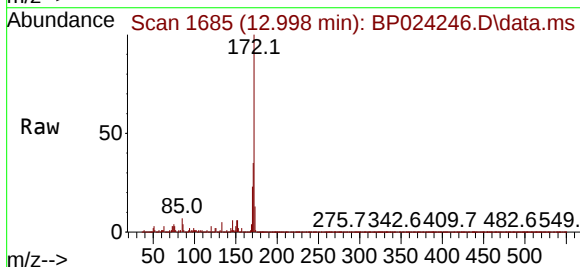
Tgt Ion:172 Resp: 4408592

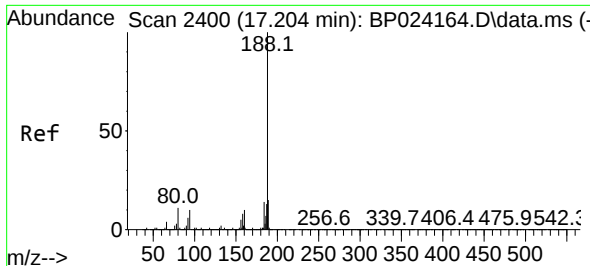
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.3 19.0 28.4

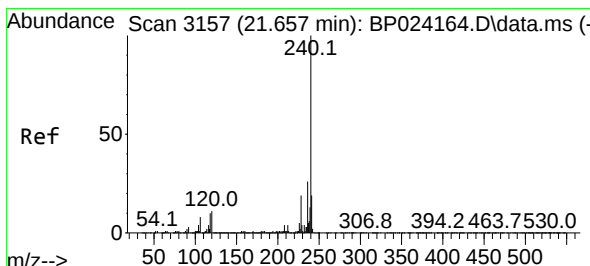
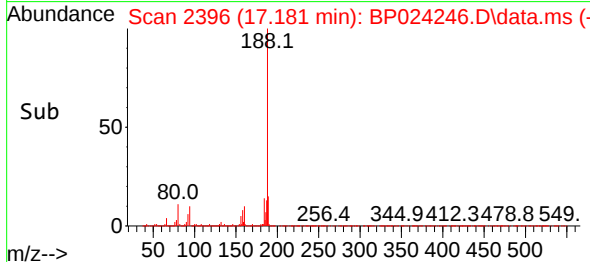
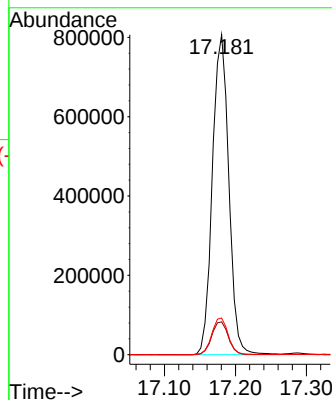
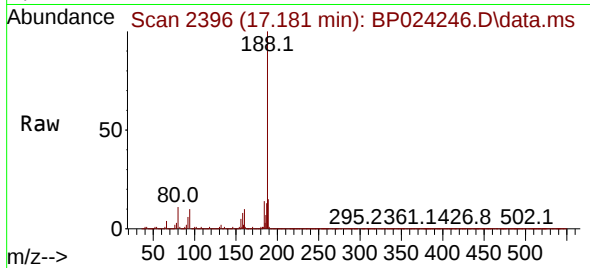




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP024246.D
Acq: 10 Apr 2025 10:27

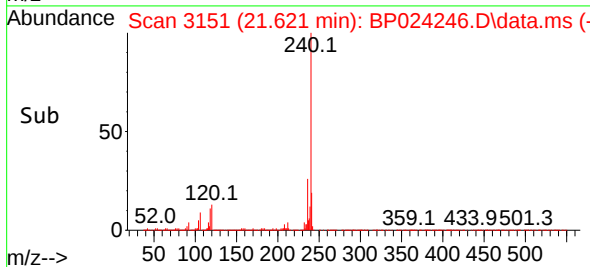
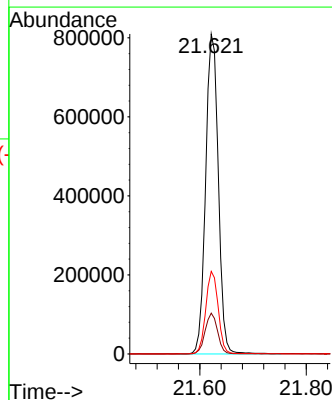
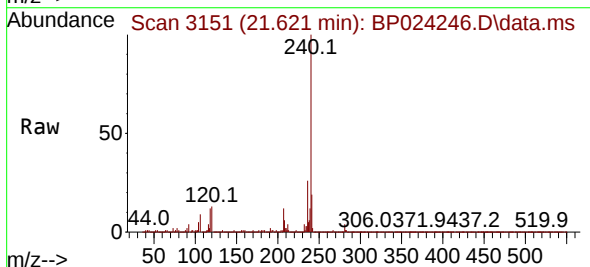
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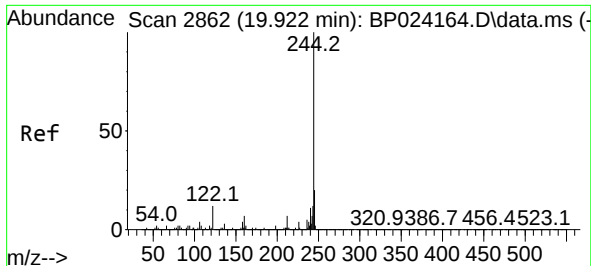
Tgt Ion:188 Resp: 1292039
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 11.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.621 min Scan# 3151
Delta R.T. -0.035 min
Lab File: BP024246.D
Acq: 10 Apr 2025 10:27

Tgt Ion:240 Resp: 1334330
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 25.8 20.4 30.6

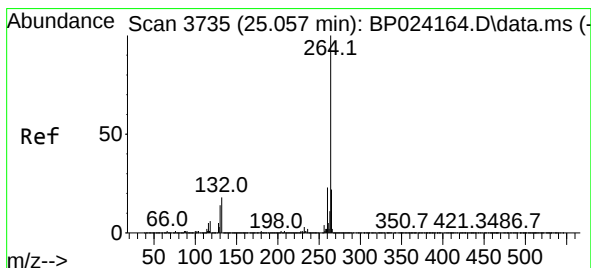
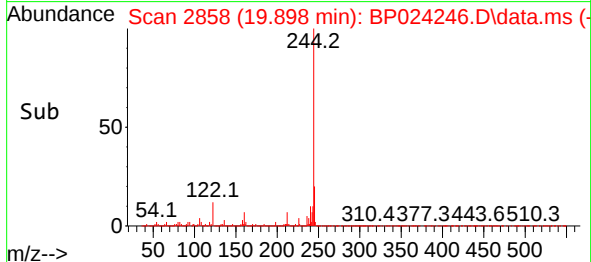
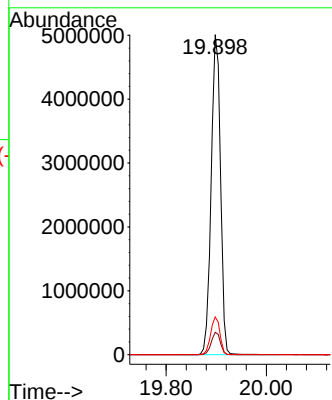
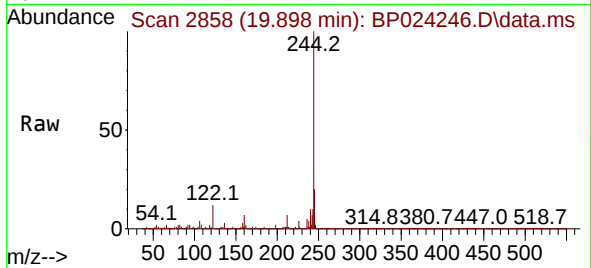




#79
 Terphenyl-d14
 Concen: 99.978 ng
 RT: 19.898 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BP024246.D
 Acq: 10 Apr 2025 10:27

Instrument :
 BNA_P
 ClientSampleId :
 PB167518BL

Tgt Ion:244 Resp: 6462663
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.986 min Scan# 3723
 Delta R.T. -0.071 min
 Lab File: BP024246.D
 Acq: 10 Apr 2025 10:27

Tgt Ion:264 Resp: 1503669
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 22.4 17.7 26.5

