

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
 Data File : BP024325.D
 Acq On : 17 Apr 2025 13:59
 Operator : RC/JU
 Sample : Q1791-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 279312RE

Quant Time: Apr 17 14:36:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

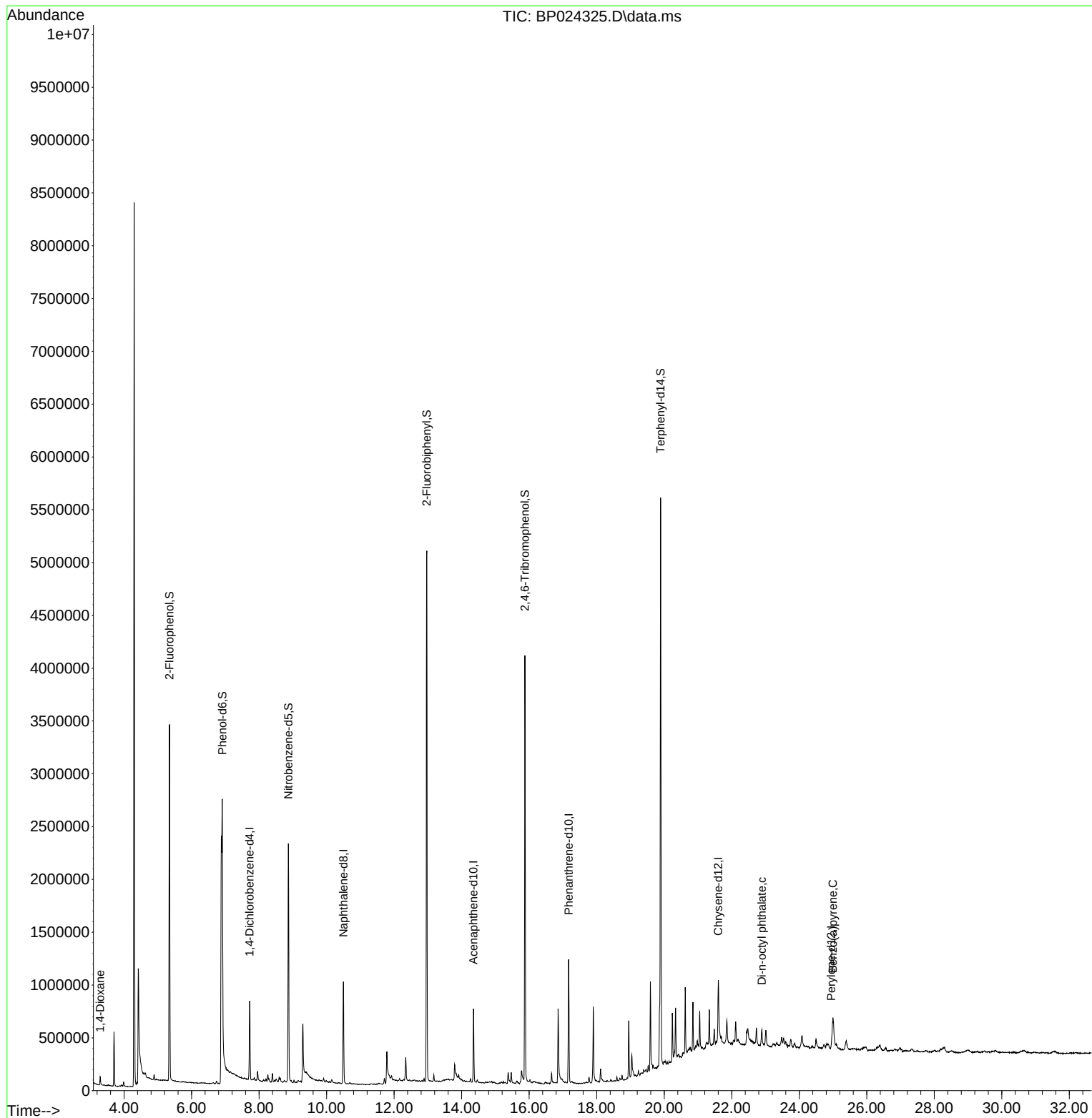
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	201644	20.000	ng	0.00
21) Naphthalene-d8	10.498	136	765076	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	192702	20.000	ng	-0.02
64) Phenanthrene-d10	17.169	188	634491	20.000	ng	-0.01
76) Chrysene-d12	21.604	240	157516	20.000	ng	#-0.02
86) Perylene-d12	24.945	264	6720	20.000	ng	#-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1532667	125.677	ng	0.00
7) Phenol-d6	6.910	99	1156387	69.250	ng	0.00
23) Nitrobenzene-d5	8.869	82	1302741	97.093	ng	-0.01
42) 2,4,6-Tribromophenol	15.875	330	781173	292.998	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	2646388	210.268	ng	-0.01
79) Terphenyl-d14	19.892	244	2537810	324.748	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	51821	10.046	ng	96
85) Di-n-octyl phthalate	22.892	149	24375	2.385	ng	# 6
90) Benzo(a)pyrene	24.998	252	12800	36.839	ng	# 1

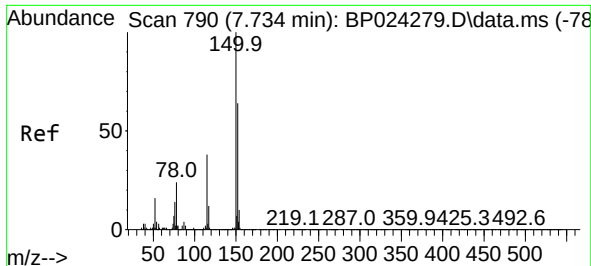
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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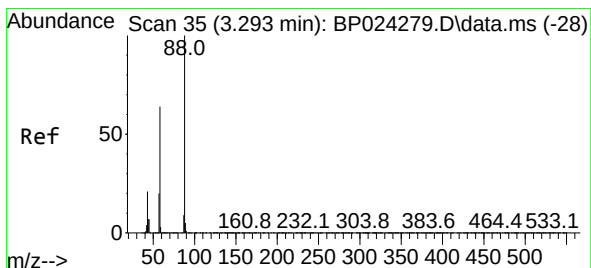
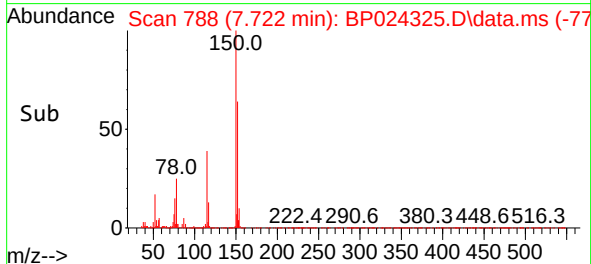
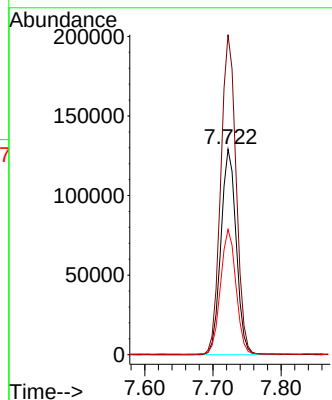
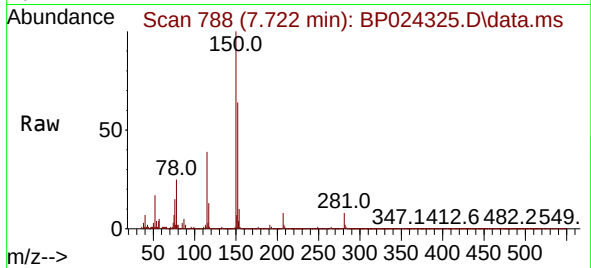




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP024325.D
 Acq: 17 Apr 2025 13:59

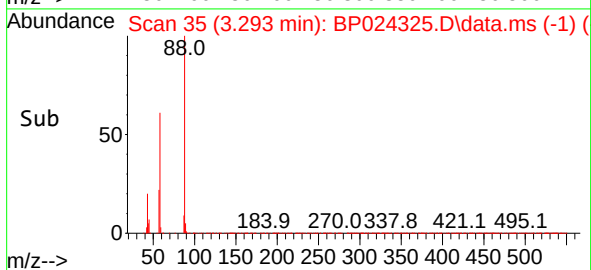
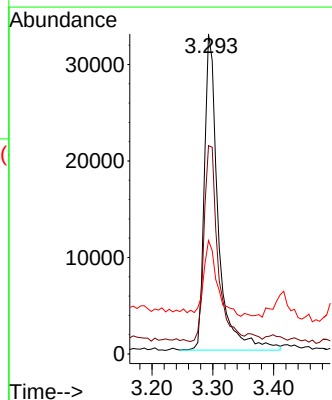
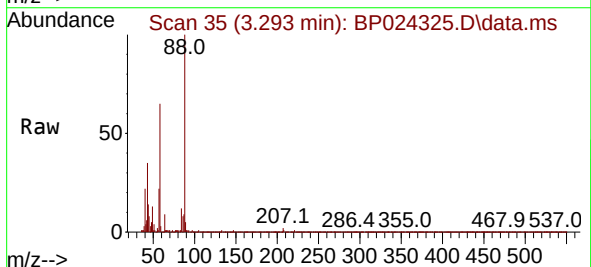
Instrument :
 BNA_P
 ClientSampleId :
 279312RE

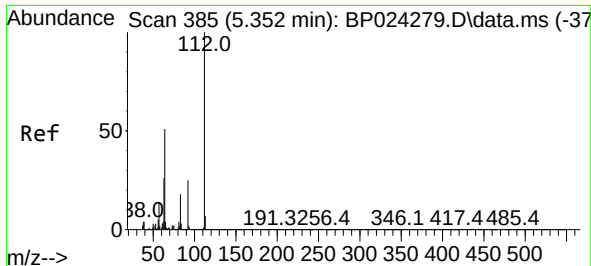
Tgt Ion:152 Resp: 201644
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.9 187.3
 115 61.0 47.7 71.5



#2
 1,4-Dioxane
 Concen: 10.046 ng
 RT: 3.293 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: BP024325.D
 Acq: 17 Apr 2025 13:59

Tgt Ion: 88 Resp: 51821
 Ion Ratio Lower Upper
 88 100
 58 61.4 51.4 77.2
 43 23.0 17.1 25.7

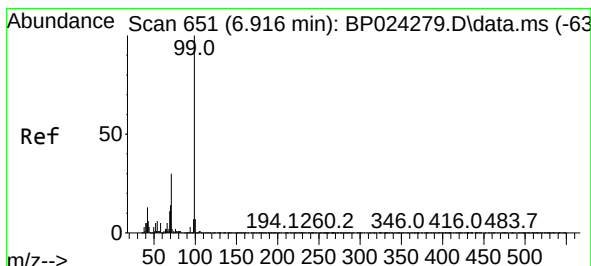
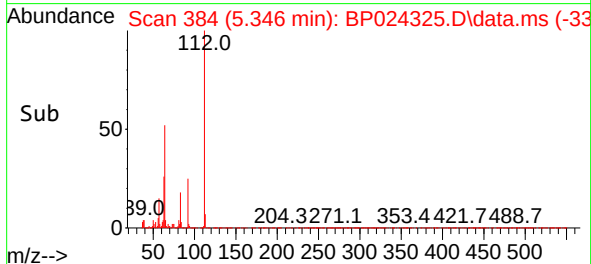
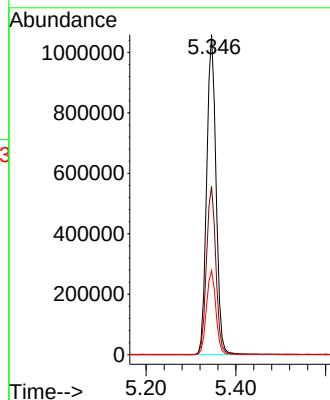
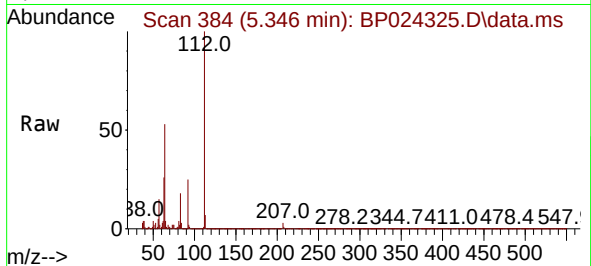




#5
2-Fluorophenol
Concen: 125.677 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.006 min
Lab File: BP024325.D
Acq: 17 Apr 2025 13:59

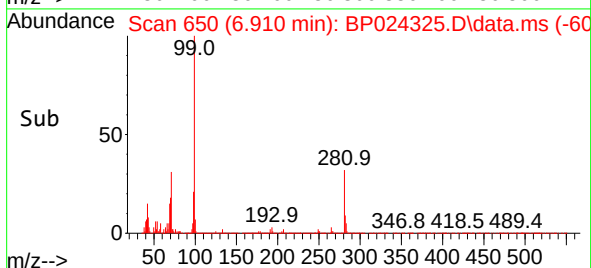
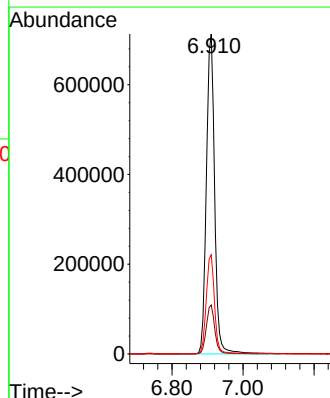
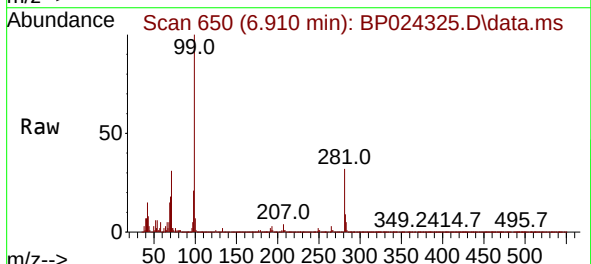
Instrument :
BNA_P
ClientSampleId :
279312RE

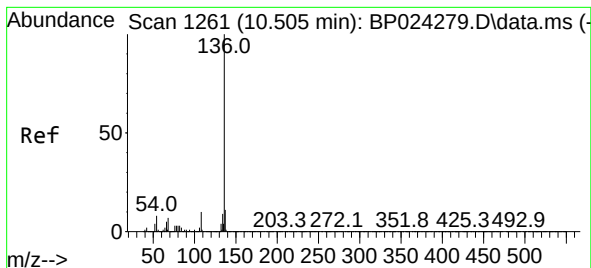
Tgt Ion:112 Resp: 1532667
Ion Ratio Lower Upper
112 100
64 52.6 41.1 61.7
63 26.3 20.6 30.8



#7
Phenol-d6
Concen: 69.250 ng
RT: 6.910 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP024325.D
Acq: 17 Apr 2025 13:59

Tgt Ion: 99 Resp: 1156387
Ion Ratio Lower Upper
99 100
42 15.3 10.6 16.0
71 31.0 23.7 35.5

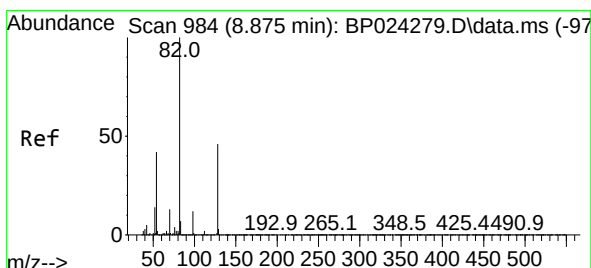
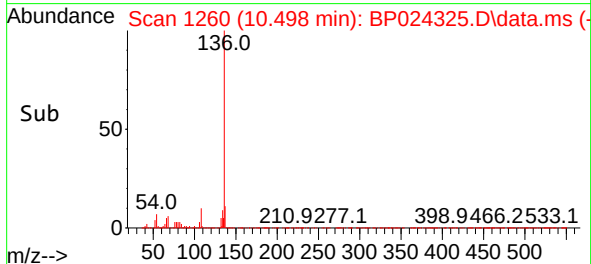
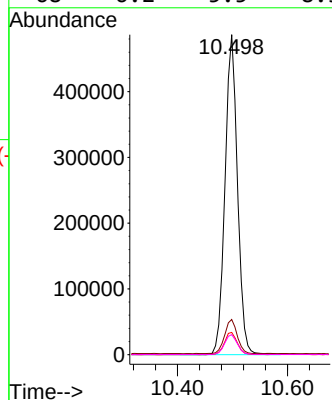
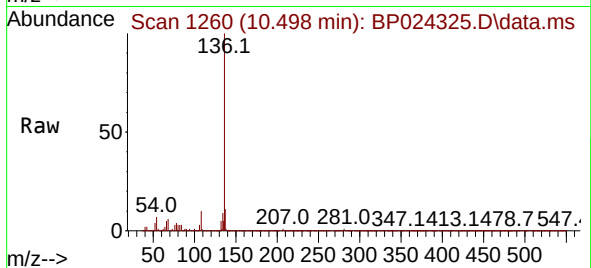




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024325.D
Acq: 17 Apr 2025 13:59

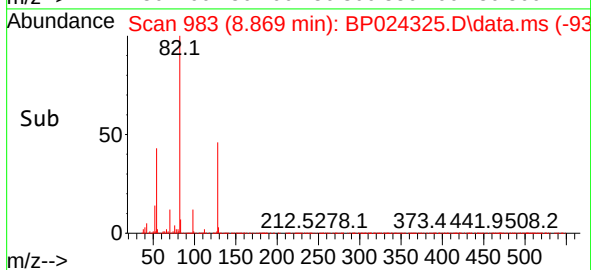
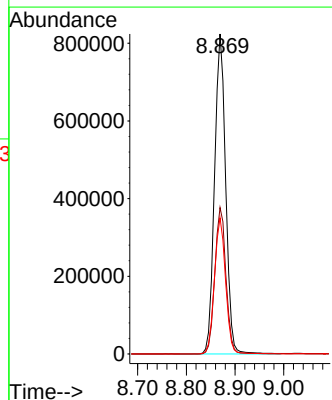
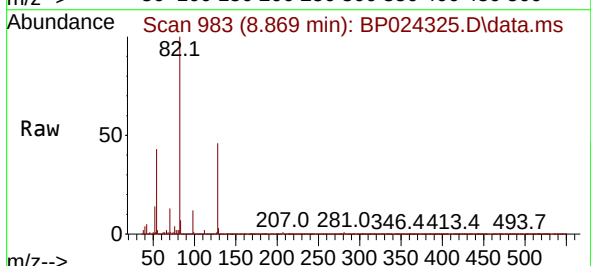
Instrument :
BNA_P
ClientSampleId :
279312RE

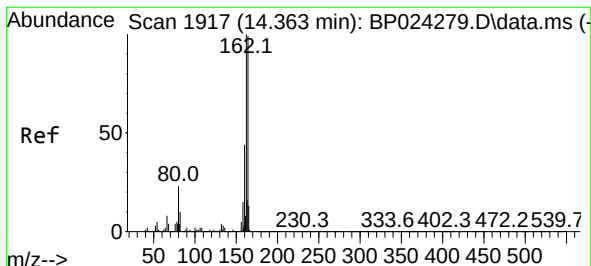
Tgt Ion:	136	Resp:	765076
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.0	6.0	9.0
68	6.2	5.5	8.3



#23
Nitrobenzene-d5
Concen: 97.093 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP024325.D
Acq: 17 Apr 2025 13:59

Tgt Ion:	82	Resp:	1302741
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.5	54.7
54	42.5	33.4	50.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.351 min Scan# 1915

Delta R.T. -0.018 min

Lab File: BP024325.D

Acq: 17 Apr 2025 13:59

Instrument :

BNA_P

ClientSampleId :

279312RE

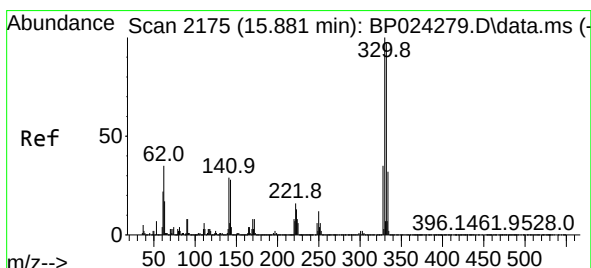
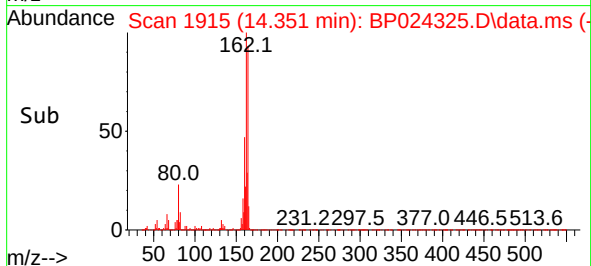
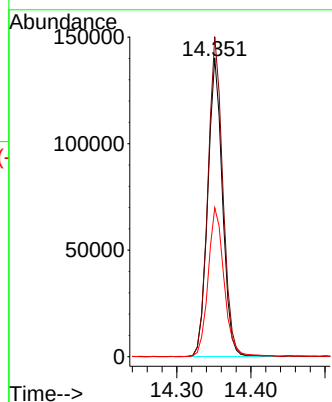
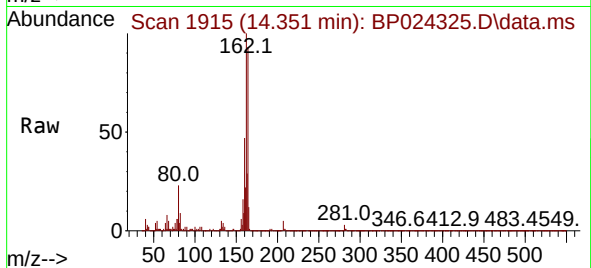
Tgt Ion:164 Resp: 192702

Ion Ratio Lower Upper

164 100

162 107.1 80.6 120.8

160 49.8 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 292.998 ng

RT: 15.875 min Scan# 2174

Delta R.T. -0.018 min

Lab File: BP024325.D

Acq: 17 Apr 2025 13:59

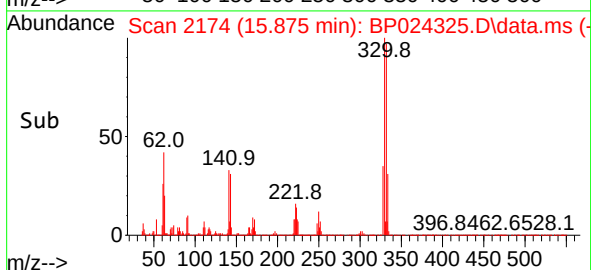
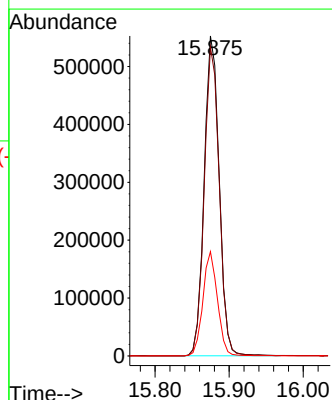
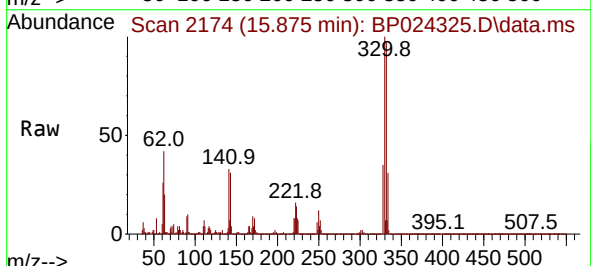
Tgt Ion:330 Resp: 781173

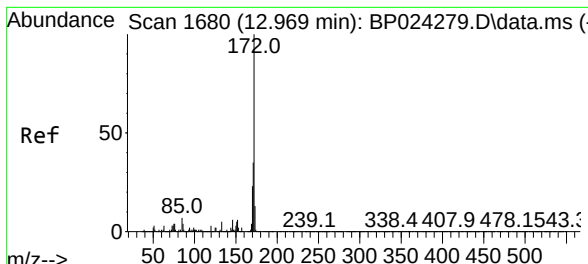
Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 31.6 24.7 37.1

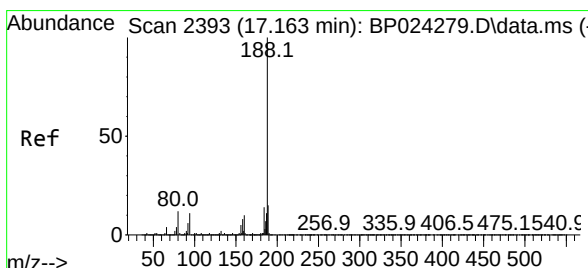
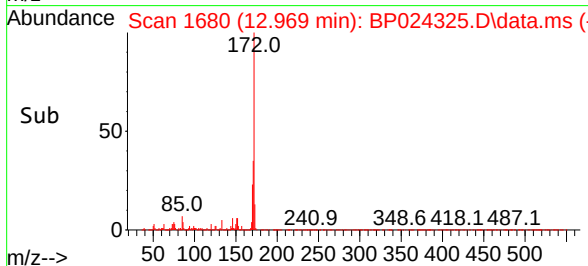
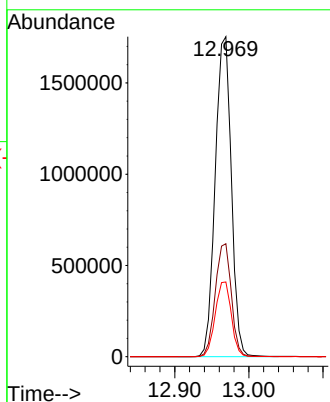
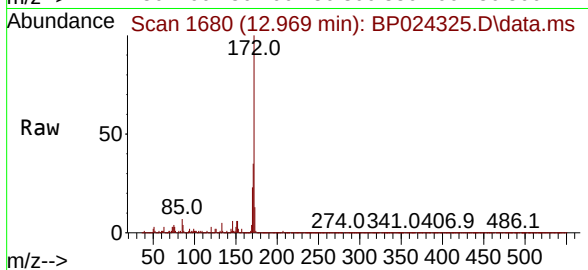




#45
2-Fluorobiphenyl
Concen: 210.268 ng
RT: 12.969 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024325.D
Acq: 17 Apr 2025 13:59

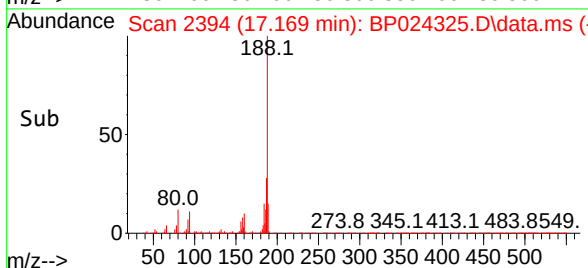
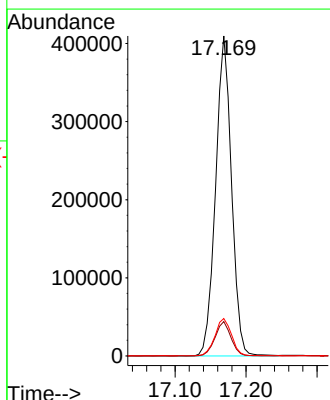
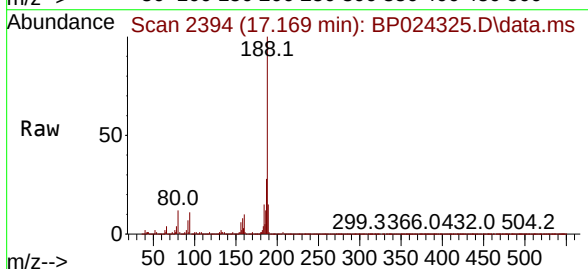
Instrument :
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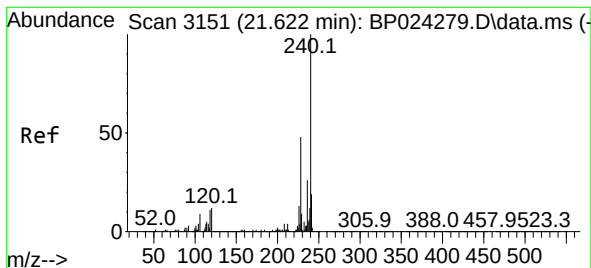
Tgt Ion:172 Resp: 2646388
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.4 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2394
Delta R.T. -0.012 min
Lab File: BP024325.D
Acq: 17 Apr 2025 13:59

Tgt Ion:188 Resp: 634491
Ion Ratio Lower Upper
188 100
94 10.8 8.6 13.0
80 11.7 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP024325.D

Acq: 17 Apr 2025 13:59

Instrument :

BNA_P

ClientSampleId :

279312RE

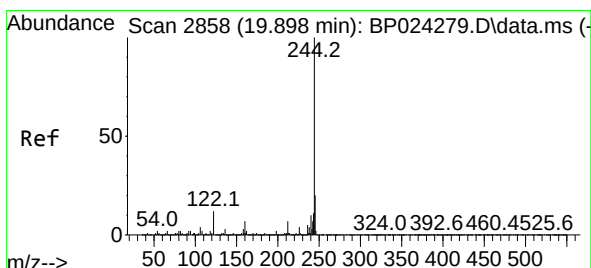
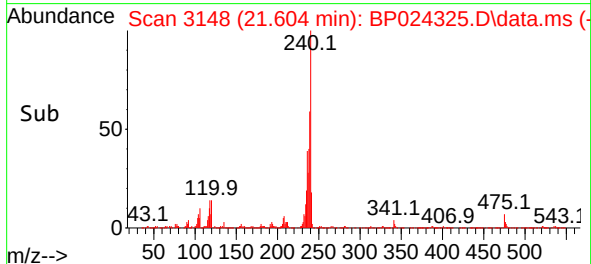
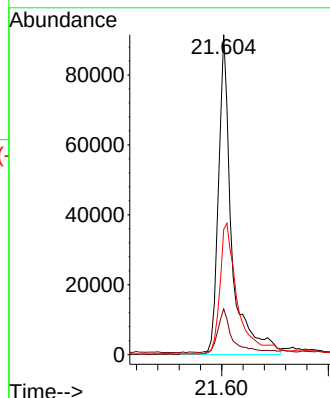
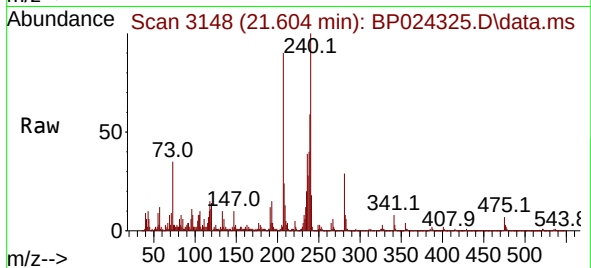
Tgt Ion:240 Resp: 157516

Ion Ratio Lower Upper

240 100

120 14.3 9.8 14.8

236 39.1 20.9 31.3#



#79

Terphenyl-d14

Concen: 324.748 ng

RT: 19.892 min Scan# 2857

Delta R.T. -0.029 min

Lab File: BP024325.D

Acq: 17 Apr 2025 13:59

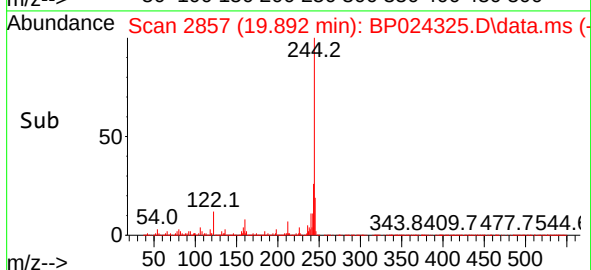
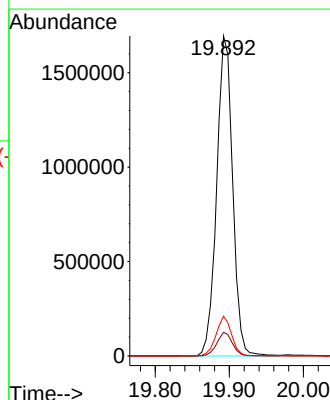
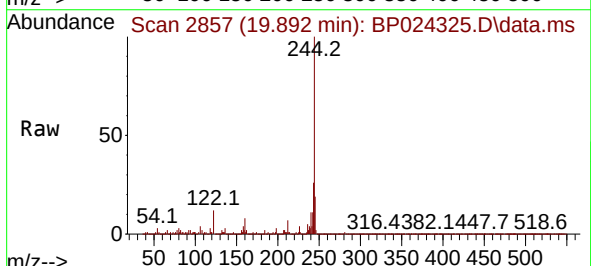
Tgt Ion:244 Resp: 2537810

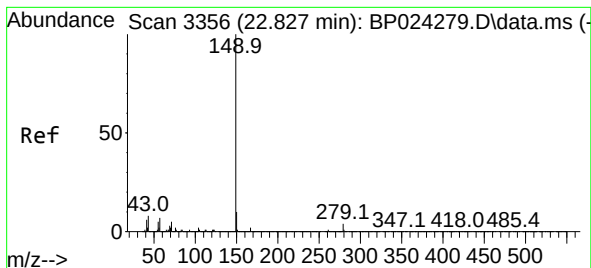
Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 12.4 9.4 14.0





#85

Di-n-octyl phthalate

Concen: 2.385 ng

RT: 22.892 min Scan# 31

Delta R.T. 0.059 min

Lab File: BP024325.D

Acq: 17 Apr 2025 13:59

Instrument :

BNA_P

ClientSampleId :

279312RE

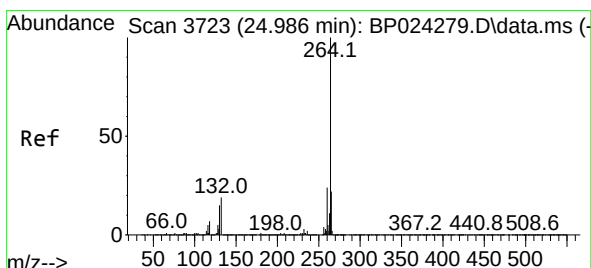
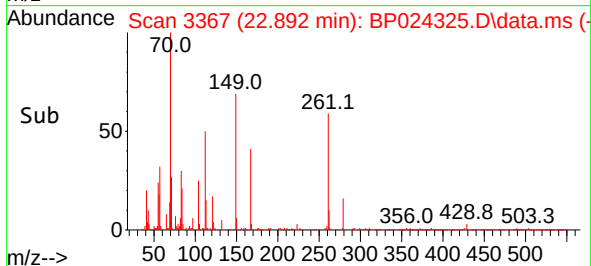
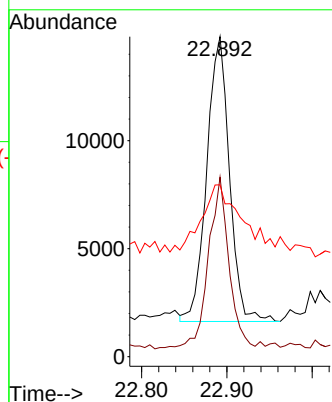
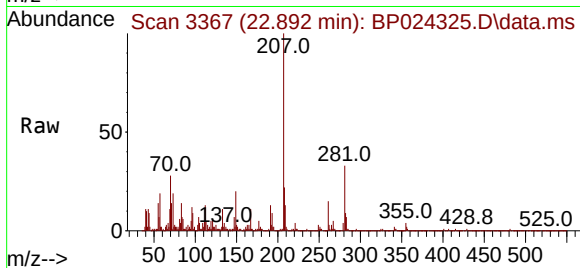
Tgt Ion:149 Resp: 24375

Ion Ratio Lower Upper

149 100

167 53.4 1.2 1.8#

43 37.5 6.0 9.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. -0.041 min

Lab File: BP024325.D

Acq: 17 Apr 2025 13:59

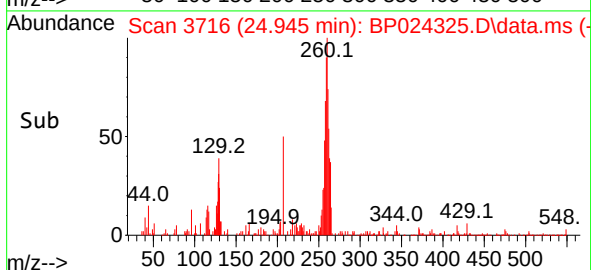
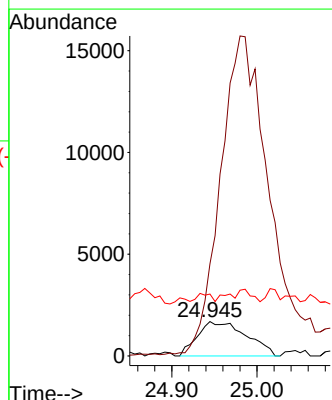
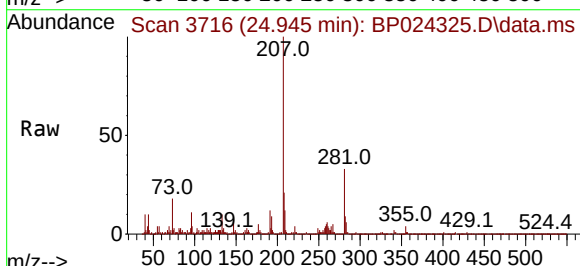
Tgt Ion:264 Resp: 6720

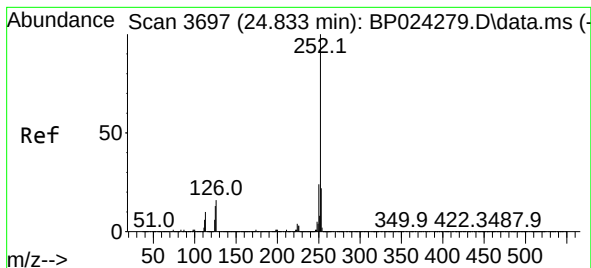
Ion Ratio Lower Upper

264 100

260 267.7 18.9 28.3#

265 179.8 17.8 26.6#





#90

Benzo(a)pyrene

Concen: 36.839 ng

RT: 24.998 min Scan# 31

Delta R.T. 0.165 min

Lab File: BP024325.D

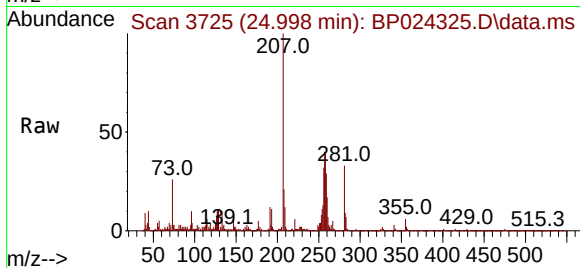
Acq: 17 Apr 2025 13:59

Instrument :

BNA_P

ClientSampleId :

279312RE



Tgt Ion:252 Resp: 12800

Ion Ratio Lower Upper

252 100

253 194.8 17.6 26.4#

125 88.9 10.1 15.1#

