

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
 Data File : BP024141.D
 Acq On : 28 Feb 2025 19:02
 Operator : RC/JU
 Sample : Q1420-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2-WC

Quant Time: Feb 28 22:03:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

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

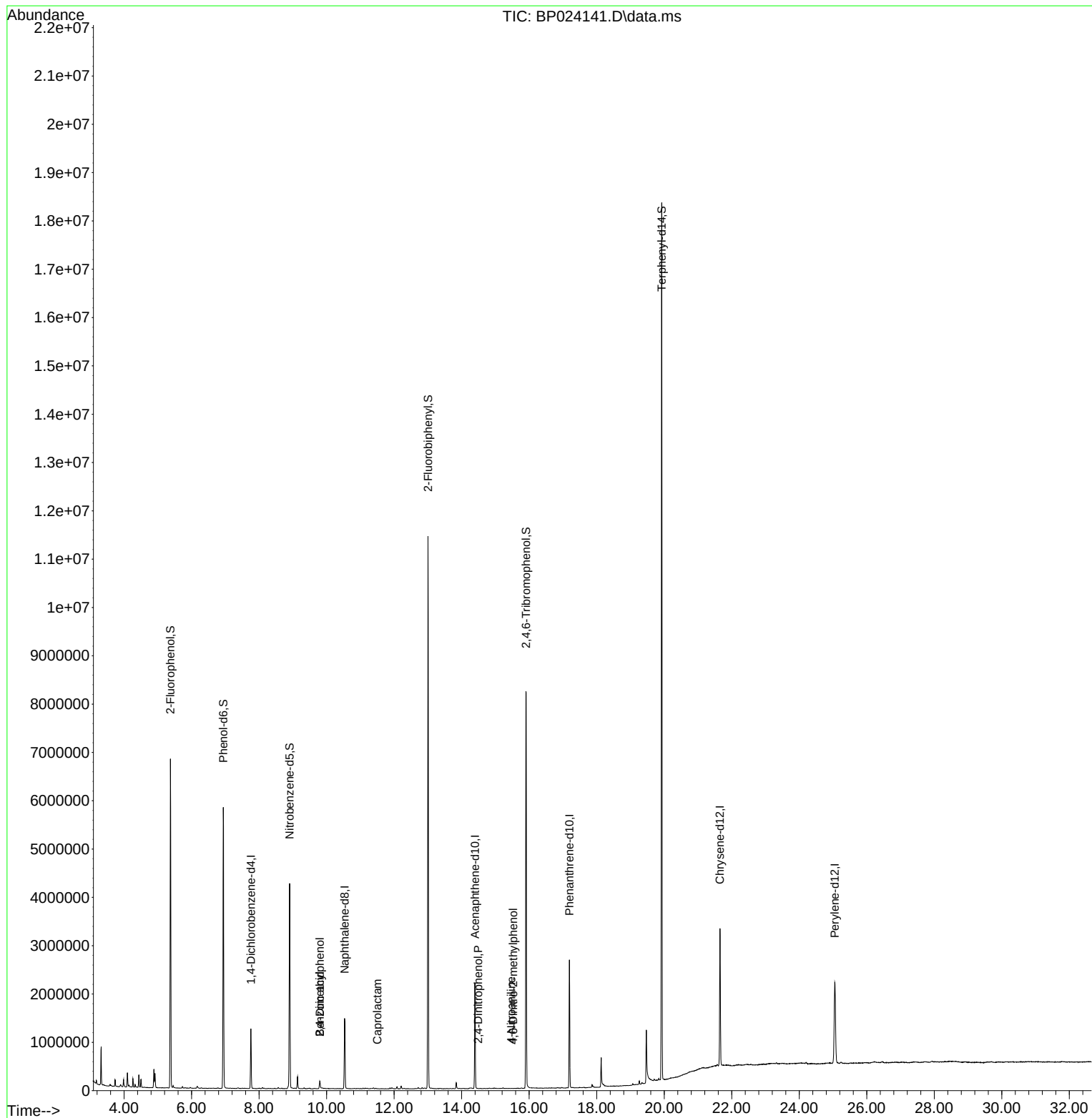
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	334203	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1290905	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	753717	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1496760	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1675635	20.000	ng	0.00
86) Perylene-d12	25.051	264	1812918	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3084080	143.993	ng	0.00
7) Phenol-d6	6.940	99	3486045	126.635	ng	0.00
23) Nitrobenzene-d5	8.904	82	2473880	106.913	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1685691	182.588	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	5378655	99.764	ng	0.00
79) Terphenyl-d14	19.927	244	8981894	106.067	ng	0.01
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	9.799	122	74763	5.429	ng	# 5
32) Benzoic acid	9.799	122	74763	11.855	ng	# 97
35) Caprolactam	11.498	113	130	5.592	ng	# 1
54) 2,4-Dinitrophenol	14.492	184	19	7.782	ng	# 43
62) 4-Nitroaniline	15.469	138	160	3.298	ng	# 58
65) 4,6-Dinitro-2-methylph...	15.528	198	16	6.010	ng	# 1

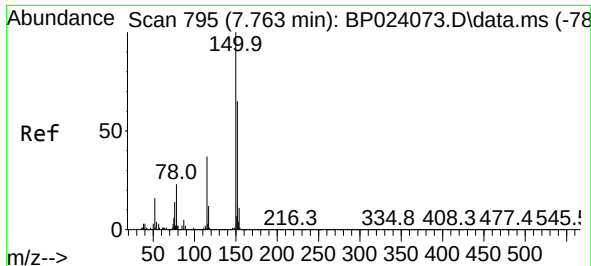
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
Data File : BP024141.D
Acq On : 28 Feb 2025 19:02
Operator : RC/JU
Sample : Q1420-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2-WC

Quant Time: Feb 28 22:03:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

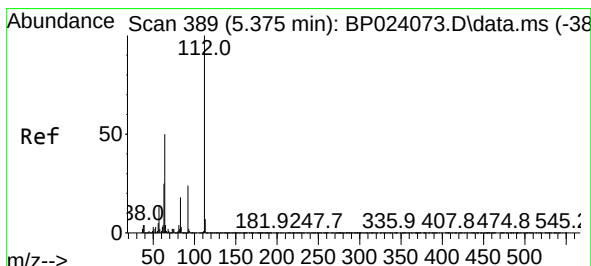
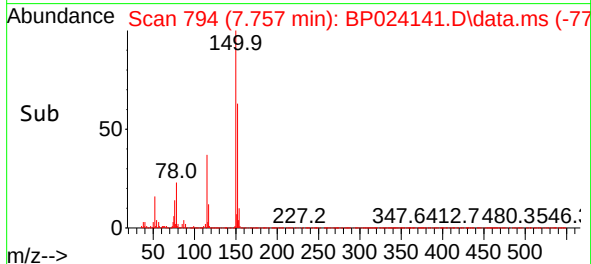
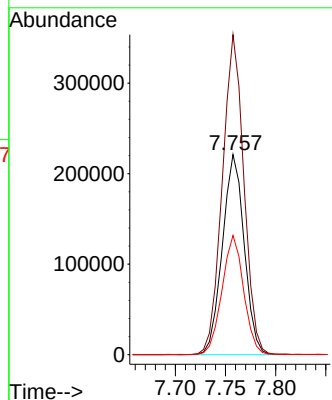
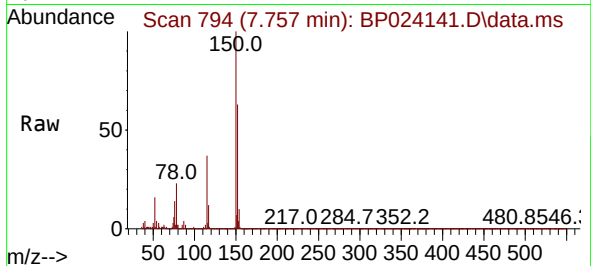




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024141.D
Acq: 28 Feb 2025 19:02

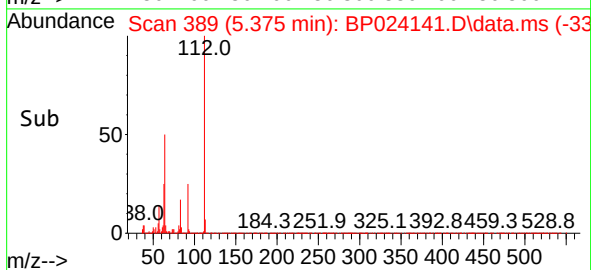
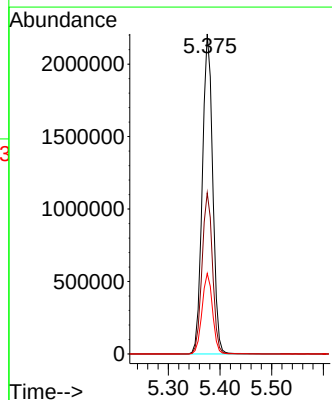
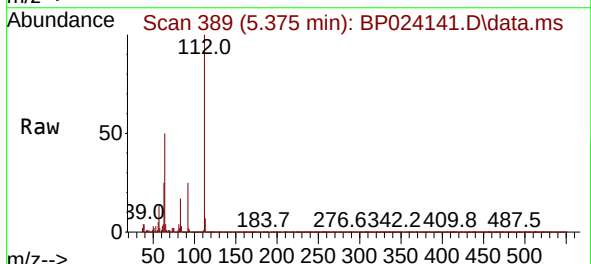
Instrument :
BNA_P
ClientSampleId :
TP-2-WC

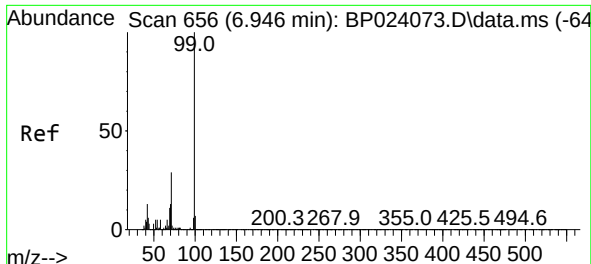
Tgt Ion:152 Resp: 334203
Ion Ratio Lower Upper
152 100
150 159.9 122.4 183.6
115 59.6 45.0 67.6



#5
2-Fluorophenol
Concen: 143.993 ng
RT: 5.375 min Scan# 389
Delta R.T. -0.000 min
Lab File: BP024141.D
Acq: 28 Feb 2025 19:02

Tgt Ion:112 Resp: 3084080
Ion Ratio Lower Upper
112 100
64 50.4 39.6 59.4
63 25.2 20.3 30.5

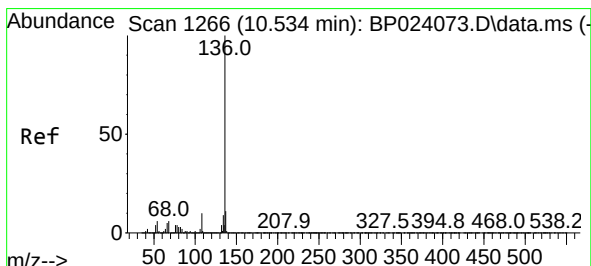
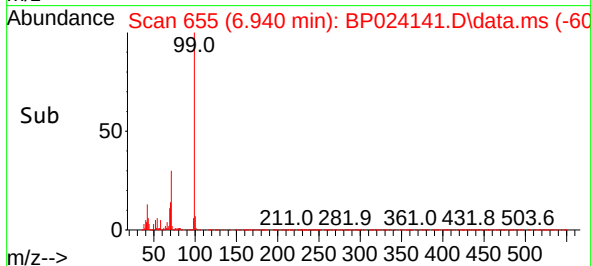
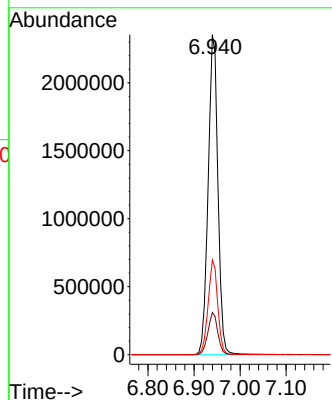
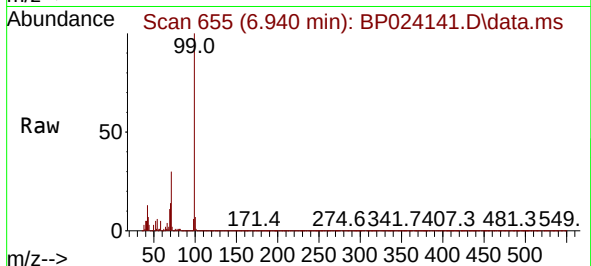




#7
Phenol-d6
Concen: 126.635 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024141.D
Acq: 28 Feb 2025 19:02

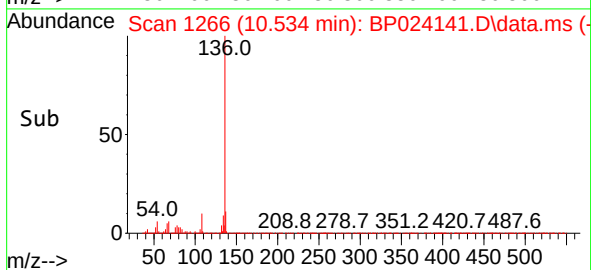
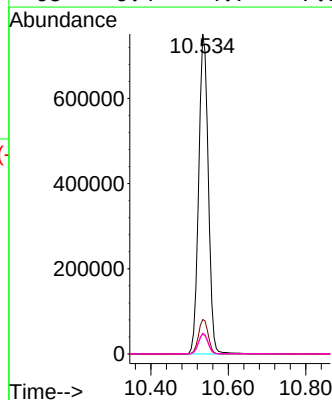
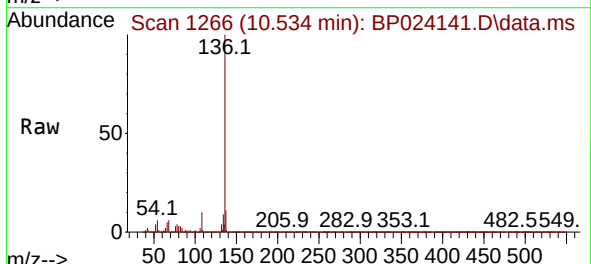
Instrument :
BNA_P
ClientSampleId :
TP-2-WC

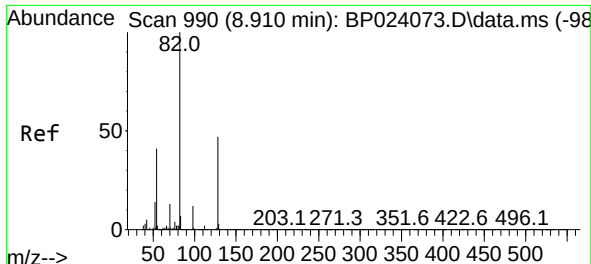
Tgt Ion: 99 Resp: 3486045
Ion Ratio Lower Upper
99 100
42 13.2 10.3 15.5
71 29.6 22.9 34.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BP024141.D
Acq: 28 Feb 2025 19:02

Tgt Ion:136 Resp: 1290905
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.5 4.9 7.3
68 6.4 4.7 7.1

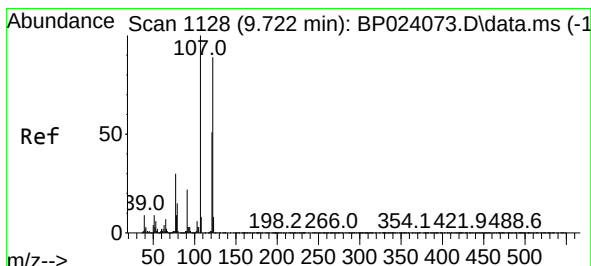
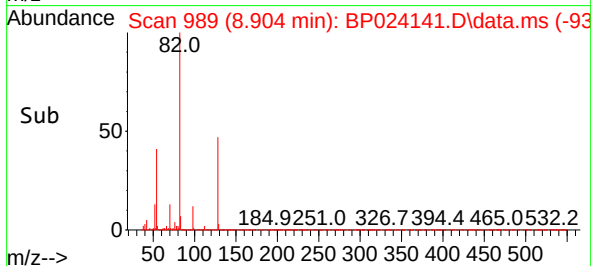
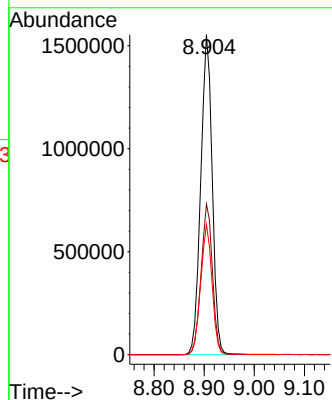
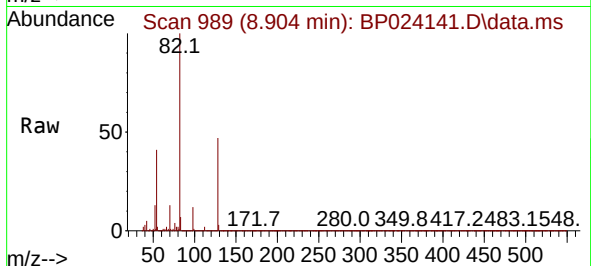




#23
Nitrobenzene-d5
Concen: 106.913 ng
RT: 8.904 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024141.D
Acq: 28 Feb 2025 19:02

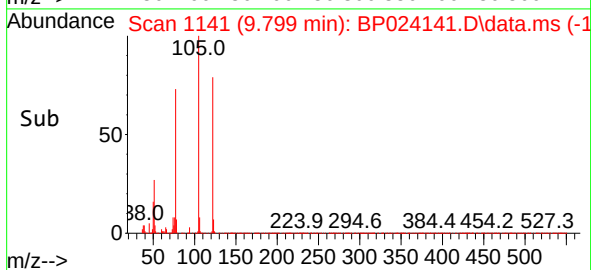
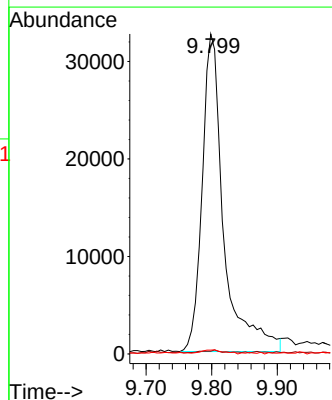
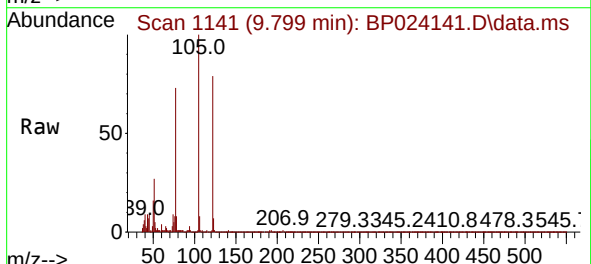
Instrument :
BNA_P
ClientSampleId :
TP-2-WC

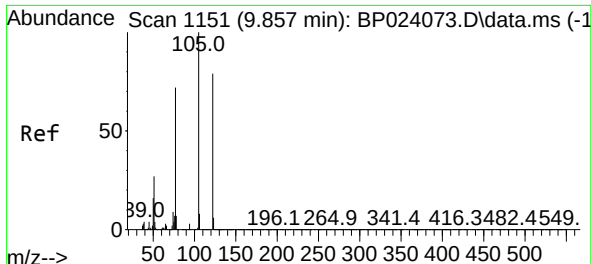
Tgt Ion: 82 Resp: 2473880
Ion Ratio Lower Upper
82 100
128 47.1 37.4 56.2
54 40.7 32.4 48.6



#27
2,4-Dimethylphenol
Concen: 5.429 ng
RT: 9.799 min Scan# 1141
Delta R.T. 0.076 min
Lab File: BP024141.D
Acq: 28 Feb 2025 19:02

Tgt Ion: 122 Resp: 74763
Ion Ratio Lower Upper
122 100
107 0.9 89.8 134.8#
121 1.2 45.9 68.9#

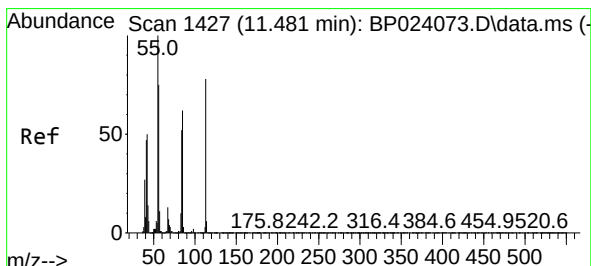
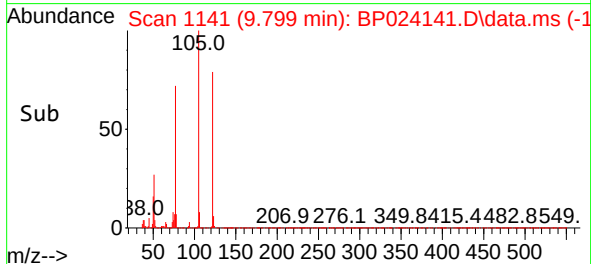
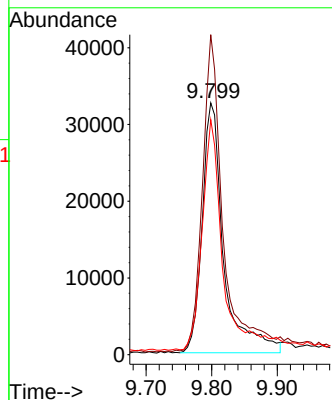
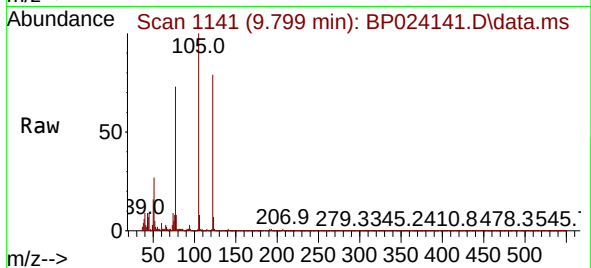




#32
Benzoic acid
Concen: 11.855 ng
RT: 9.799 min Scan# 1151
Delta R.T. -0.058 min
Lab File: BP024141.D
Acq: 28 Feb 2025 19:02

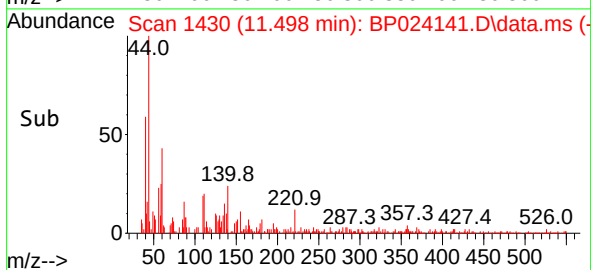
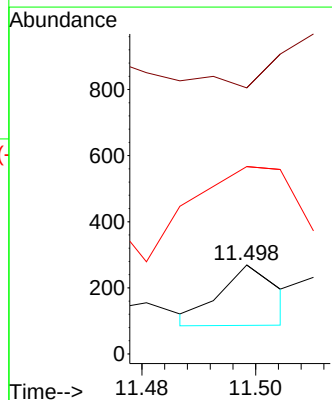
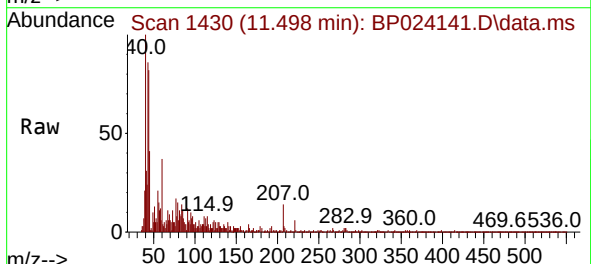
Instrument :
BNA_P
ClientSampleId :
TP-2-WC

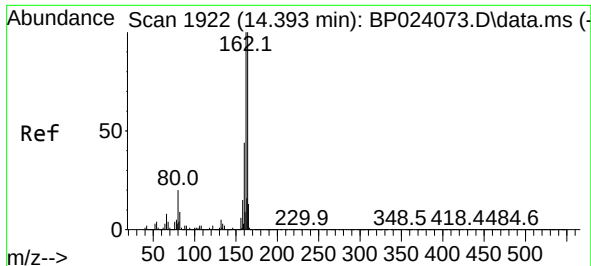
Tgt Ion:	122	Resp:	74763
Ion	Ratio	Lower	Upper
122	100		
105	127.1	103.7	143.7
77	93.3	69.9	109.9



#35
Caprolactam
Concen: 5.592 ng
RT: 11.498 min Scan# 1430
Delta R.T. 0.017 min
Lab File: BP024141.D
Acq: 28 Feb 2025 19:02

Tgt Ion:	113	Resp:	130
Ion	Ratio	Lower	Upper
113	100		
55	299.3	108.8	148.8#
56	210.8	76.5	116.5#

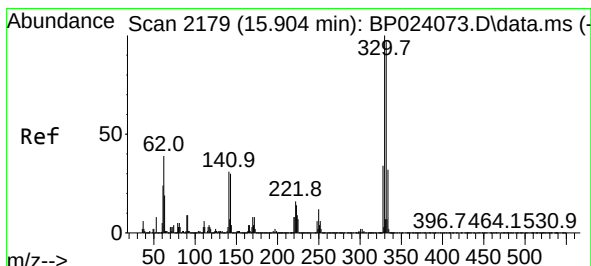
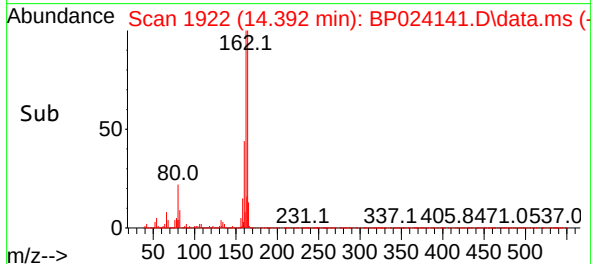
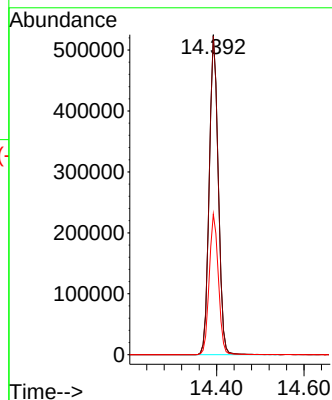
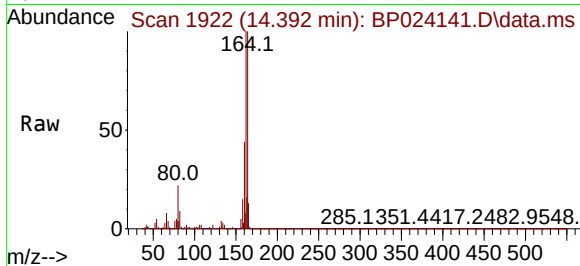




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP024141.D
Acq: 28 Feb 2025 19:02

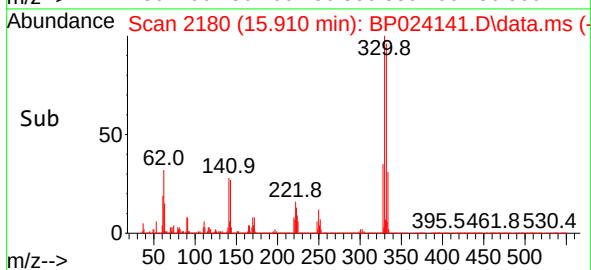
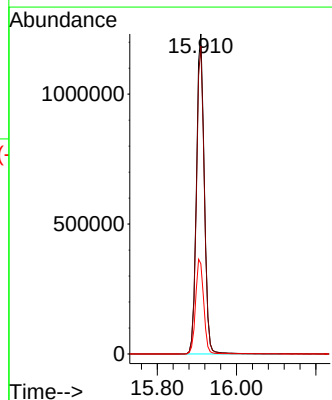
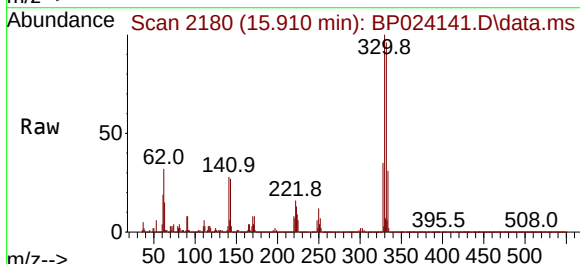
Instrument :
BNA_P
ClientSampleId :
TP-2-WC

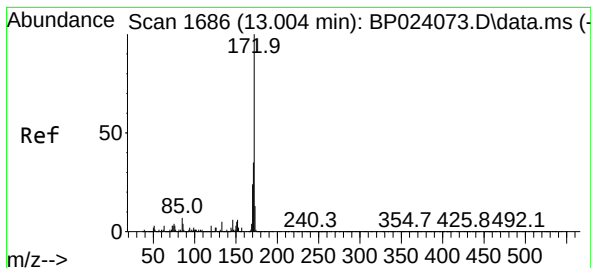
Tgt Ion:164 Resp: 753717
Ion Ratio Lower Upper
164 100
162 99.6 80.1 120.1
160 43.9 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 182.588 ng
RT: 15.910 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP024141.D
Acq: 28 Feb 2025 19:02

Tgt Ion:330 Resp: 1685691
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 30.6 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 99.764 ng

RT: 13.004 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024141.D

Acq: 28 Feb 2025 19:02

Instrument :

BNA_P

ClientSampleId :

TP-2-WC

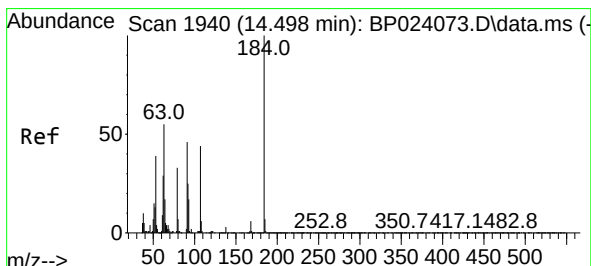
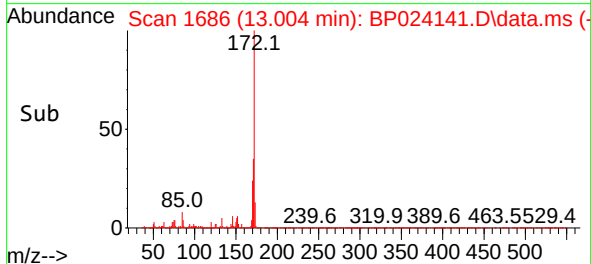
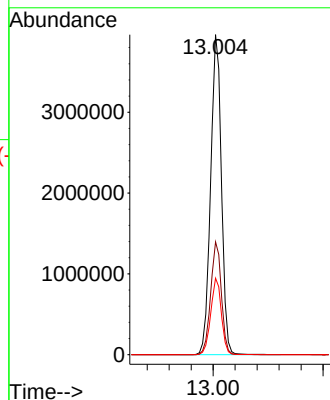
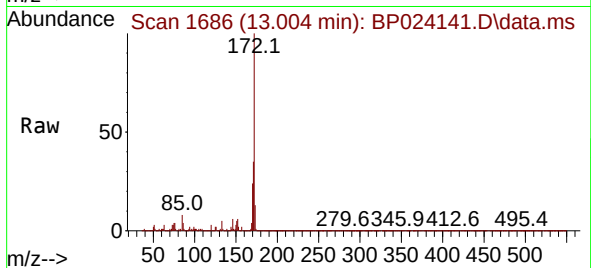
Tgt Ion:172 Resp: 5378655

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.9 19.0 28.6



#54

2,4-Dinitrophenol

Concen: 7.782 ng

RT: 14.492 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BP024141.D

Acq: 28 Feb 2025 19:02

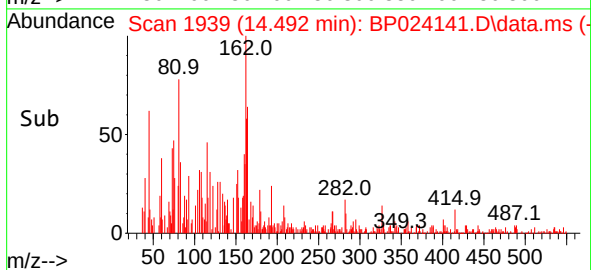
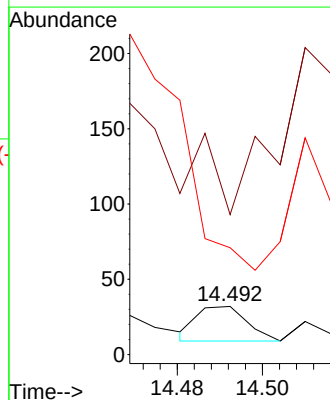
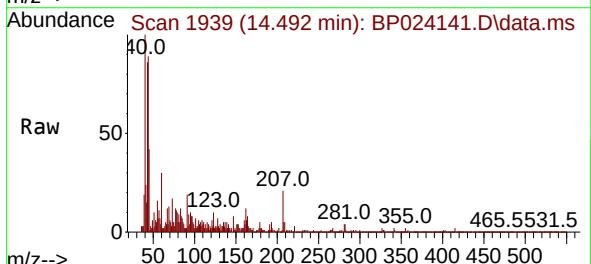
Tgt Ion:184 Resp: 19

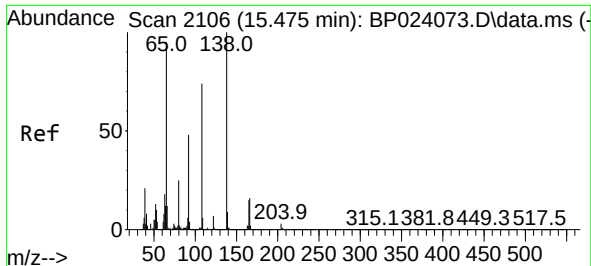
Ion Ratio Lower Upper

184 100

63 119.2 49.4 74.0#

154 91.0 49.2 73.8#

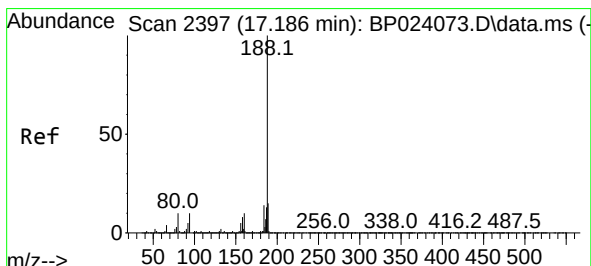
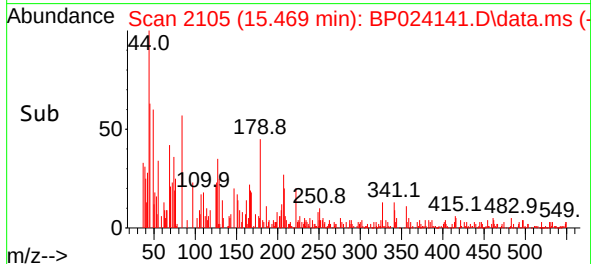
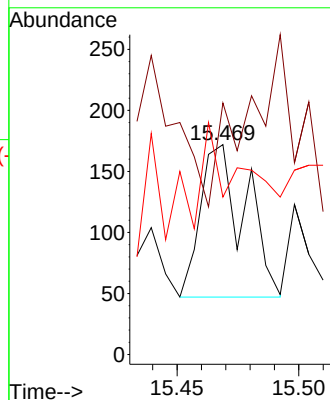
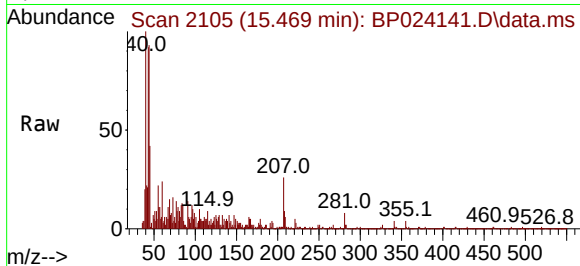




#62
4-Nitroaniline
Concen: 3.298 ng
RT: 15.469 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP024141.D
Acq: 28 Feb 2025 19:02

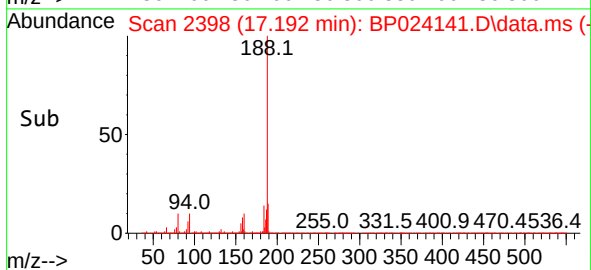
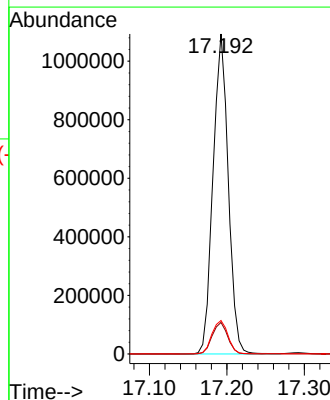
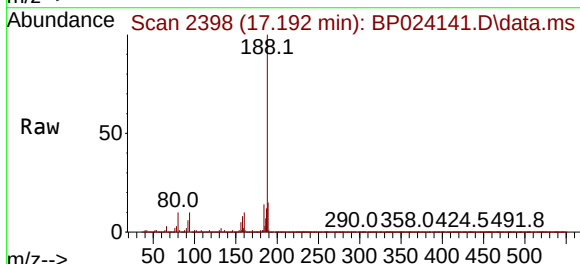
Instrument :
BNA_P
ClientSampleId :
TP-2-WC

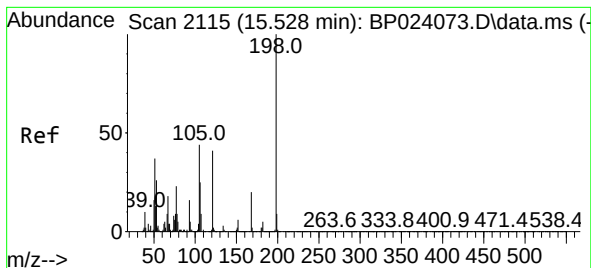
Tgt Ion:138 Resp: 160
Ion Ratio Lower Upper
138 100
92 119.8 28.3 68.3#
108 75.0 54.0 94.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. 0.006 min
Lab File: BP024141.D
Acq: 28 Feb 2025 19:02

Tgt Ion:188 Resp: 1496760
Ion Ratio Lower Upper
188 100
94 9.9 7.6 11.4
80 10.5 8.2 12.2

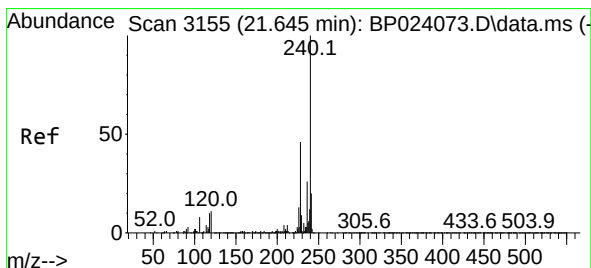
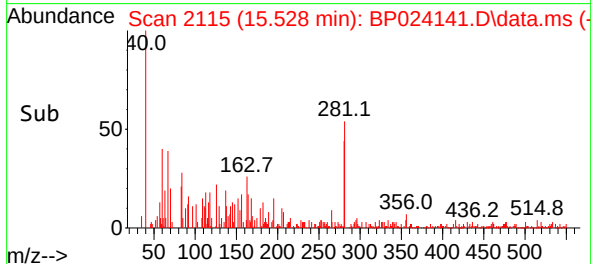
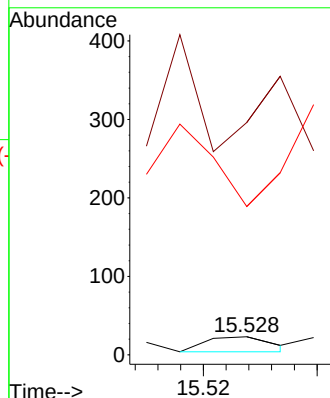
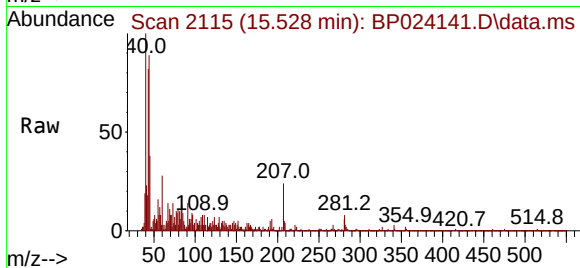




#65
4,6-Dinitro-2-methylphenol
Concen: 6.010 ng
RT: 15.528 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BP024141.D
Acq: 28 Feb 2025 19:02

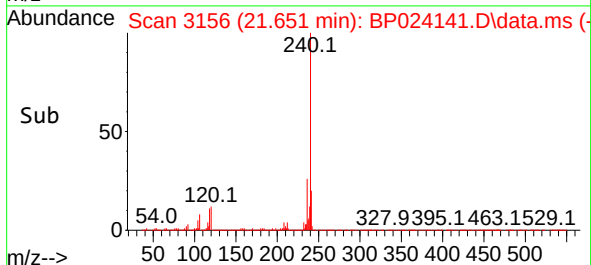
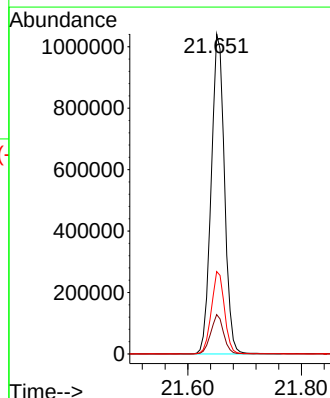
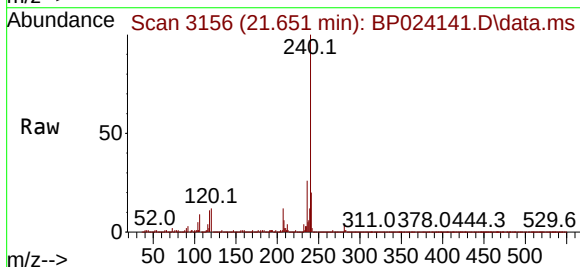
Instrument :
BNA_P
ClientSampleId :
TP-2-WC

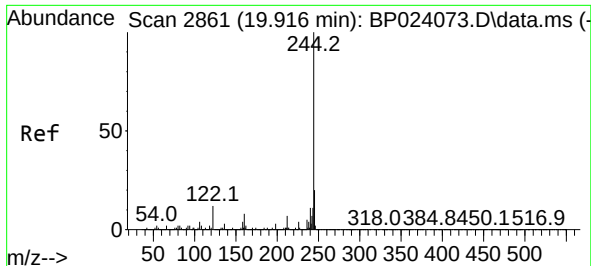
Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 1287.0 18.7 58.7#
105 821.7 24.7 64.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3156
Delta R.T. 0.006 min
Lab File: BP024141.D
Acq: 28 Feb 2025 19:02

Tgt Ion:240 Resp: 1675635
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 106.067 ng

RT: 19.927 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024141.D

Acq: 28 Feb 2025 19:02

Instrument :

BNA_P

ClientSampleId :

TP-2-WC

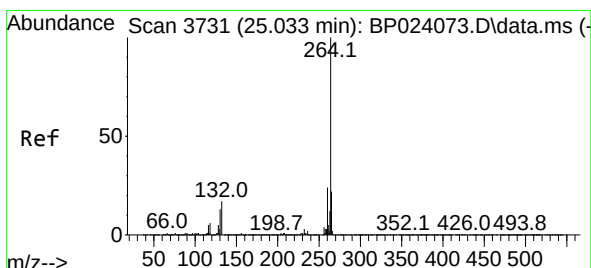
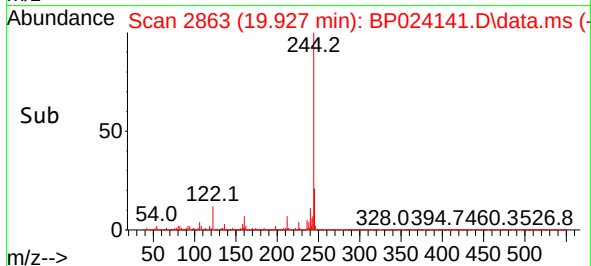
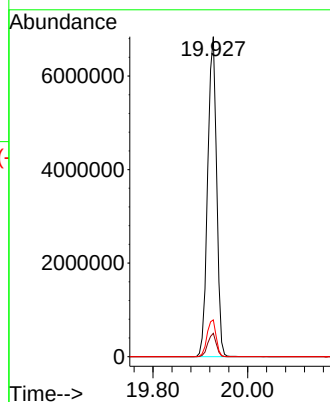
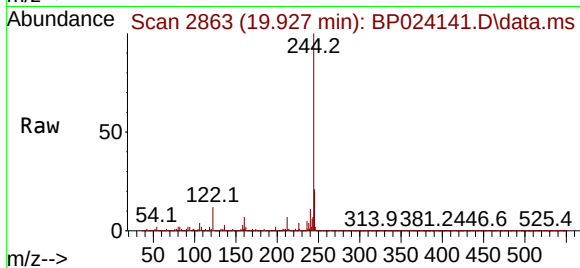
Tgt Ion:244 Resp: 8981894

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.5 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.051 min Scan# 3734

Delta R.T. 0.018 min

Lab File: BP024141.D

Acq: 28 Feb 2025 19:02

Tgt Ion:264 Resp: 1812918

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.1 17.8 26.8

