

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
 Data File : BP024123.D
 Acq On : 27 Feb 2025 17:13
 Operator : RC/JU
 Sample : Q1427-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-227

Quant Time: Feb 27 17:38:05 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)

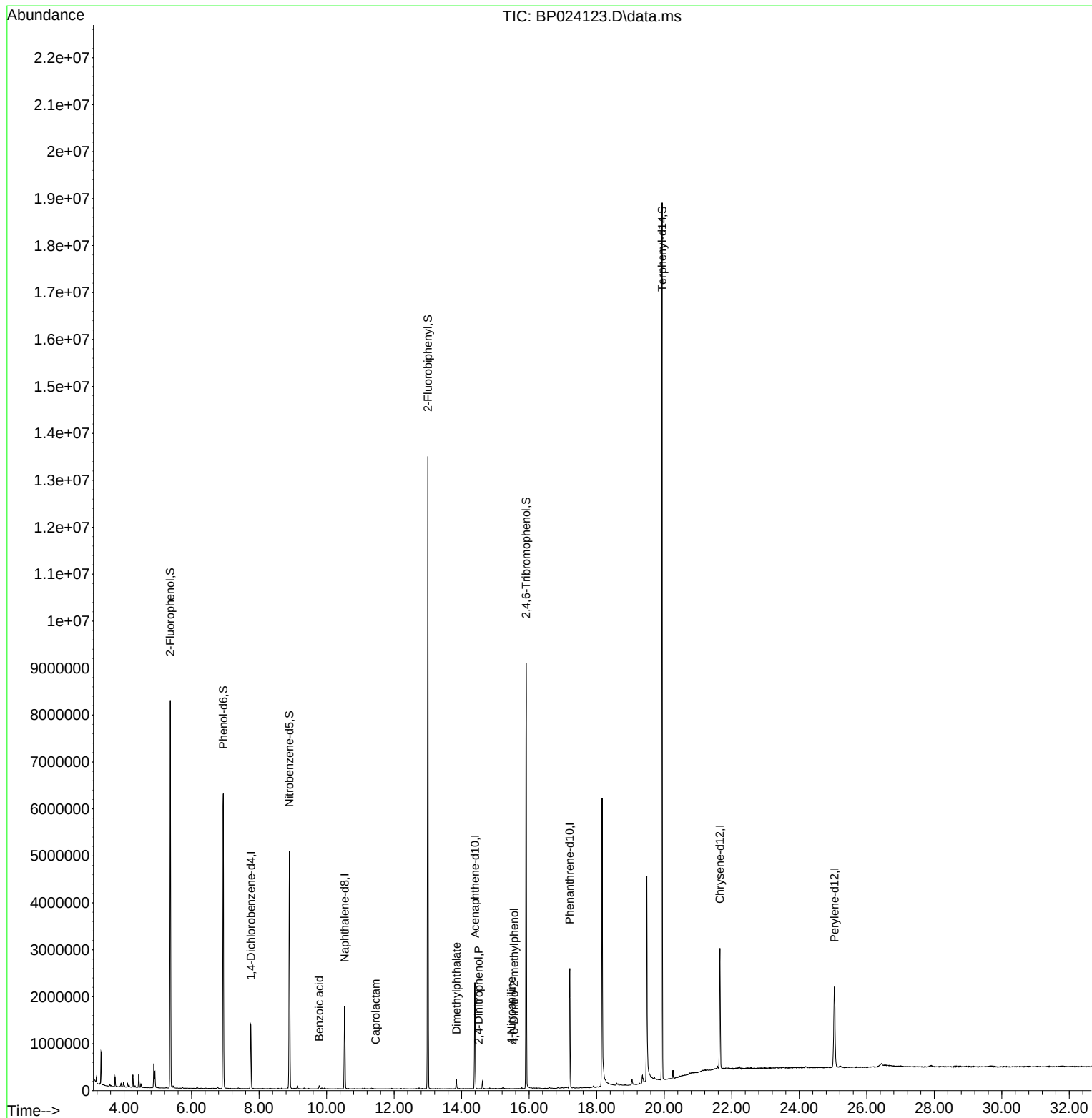
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	401591	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1517718	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	831962	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1540525	20.000	ng	0.02
76) Chrysene-d12	21.651	240	1624574	20.000	ng	0.00
86) Perylene-d12	25.044	264	1802525	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	3705852	143.989	ng	0.00
7) Phenol-d6	6.940	99	3957947	119.651	ng	0.00
23) Nitrobenzene-d5	8.898	82	3063068	112.593	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	1719455	168.729	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	6268517	105.334	ng	0.00
79) Terphenyl-d14	19.939	244	9243641	112.588	ng	0.02
Target Compounds						
						Qvalue
32) Benzoic acid	9.781	122	29160	8.937	ng	96
35) Caprolactam	11.457	113	113	5.587	ng	# 1
50) Dimethylphthalate	13.845	163	132168	2.252	ng	99
54) 2,4-Dinitrophenol	14.504	184	25	7.782	ng	# 1
62) 4-Nitroaniline	15.474	138	110	3.294	ng	# 19
65) 4,6-Dinitro-2-methylph...	15.557	198	29	6.012	ng	# 1

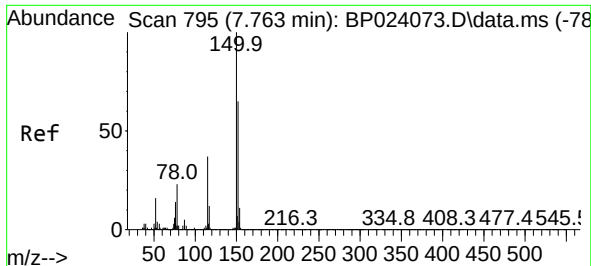
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024123.D
Acq On : 27 Feb 2025 17:13
Operator : RC/JU
Sample : Q1427-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-227

Quant Time: Feb 27 17:38:05 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

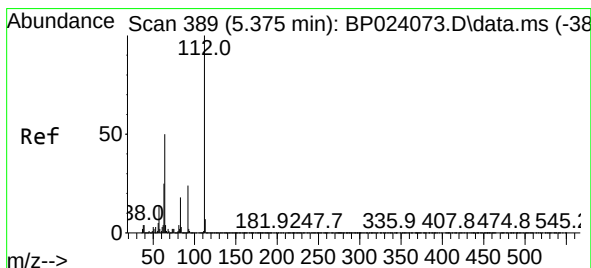
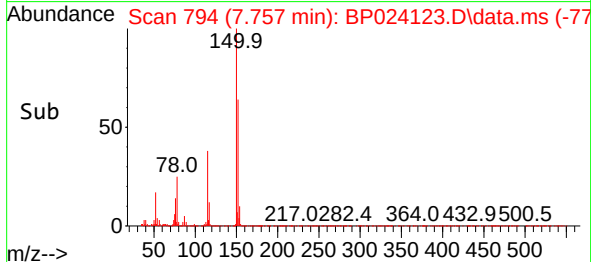
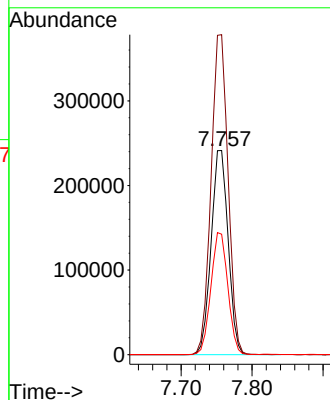
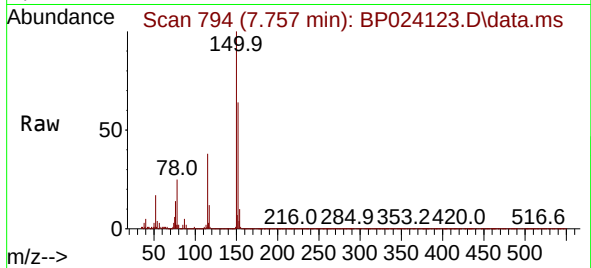




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BP024123.D
 Acq: 27 Feb 2025 17:13

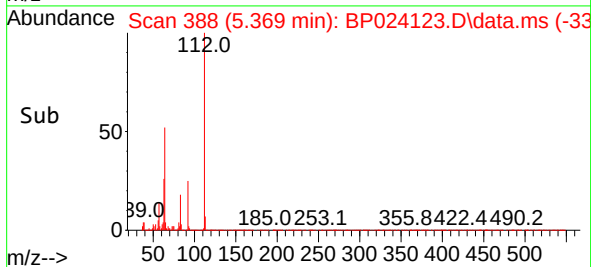
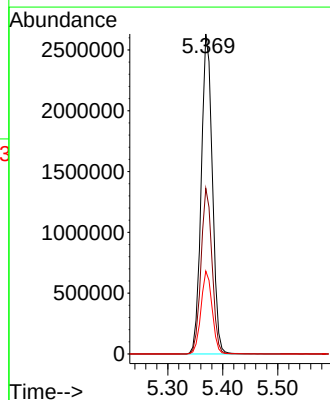
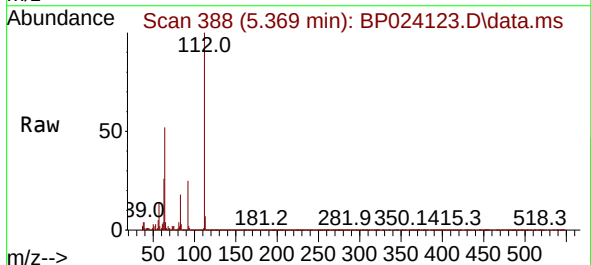
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-227

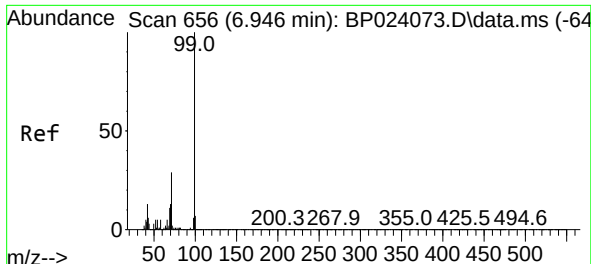
Tgt Ion:152 Resp: 401591
 Ion Ratio Lower Upper
 152 100
 150 156.7 122.4 183.6
 115 59.0 45.0 67.6



#5
 2-Fluorophenol
 Concen: 143.989 ng
 RT: 5.369 min Scan# 388
 Delta R.T. -0.006 min
 Lab File: BP024123.D
 Acq: 27 Feb 2025 17:13

Tgt Ion:112 Resp: 3705852
 Ion Ratio Lower Upper
 112 100
 64 51.7 39.6 59.4
 63 25.9 20.3 30.5



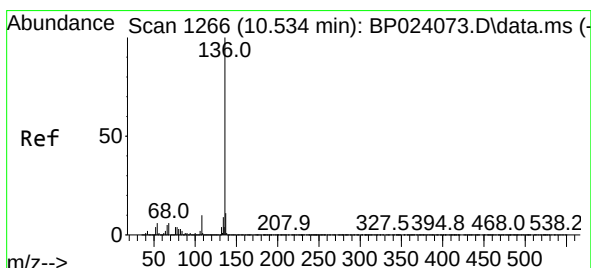
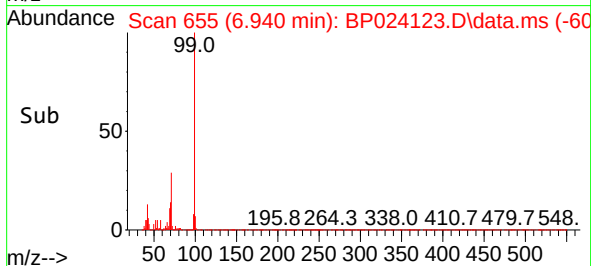
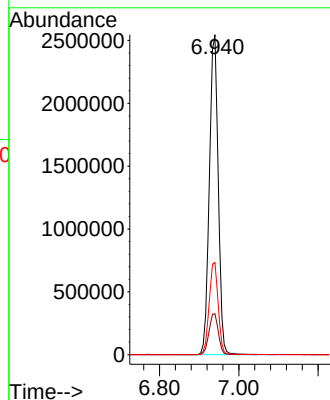
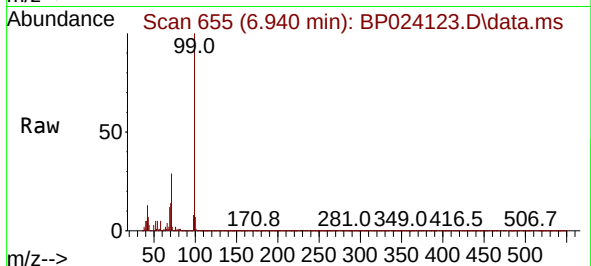


#7
Phenol-d6
Concen: 119.651 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

Instrument :
BNA_P
ClientSampleId :
VNJ-227

Tgt Ion: 99 Resp: 3957947

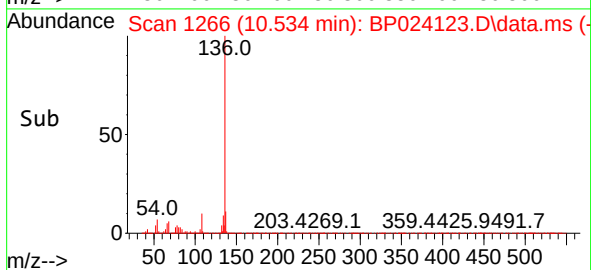
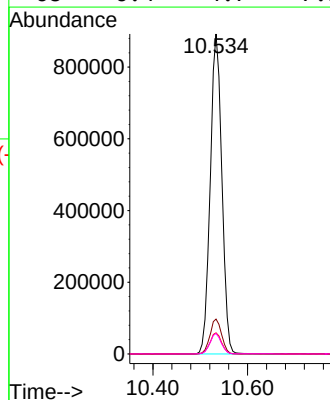
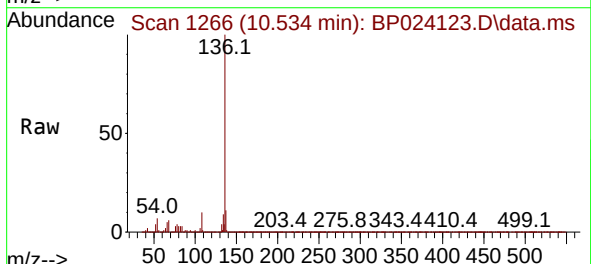
Ion	Ratio	Lower	Upper
99	100		
42	12.8	10.3	15.5
71	28.8	22.9	34.3

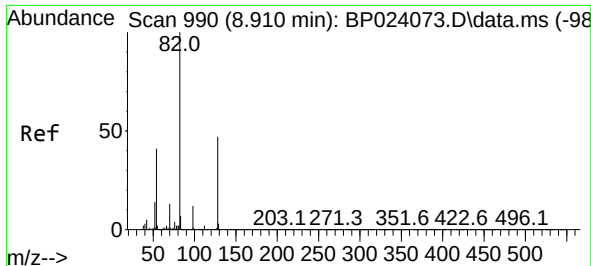


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

Tgt Ion:136 Resp: 1517718

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.6	4.9	7.3
68	6.4	4.7	7.1

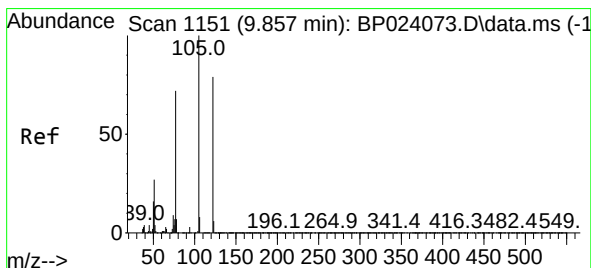
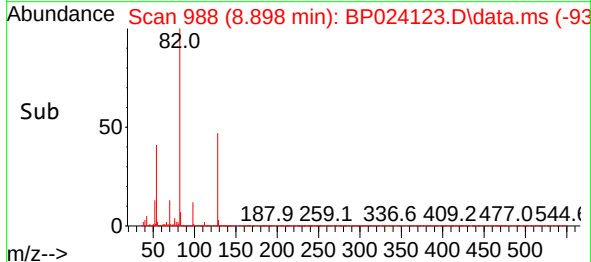
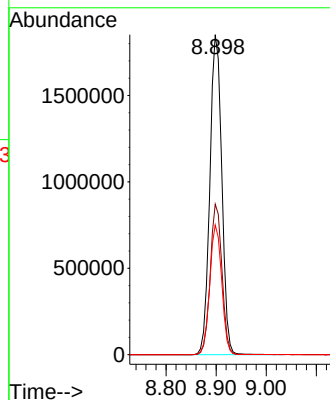
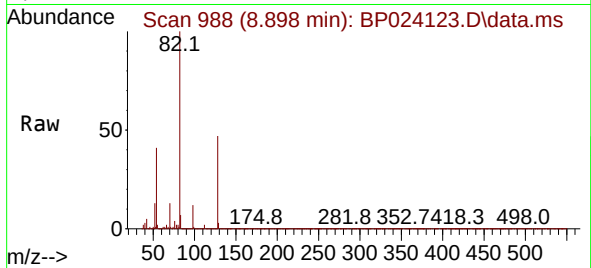




#23
Nitrobenzene-d5
Concen: 112.593 ng
RT: 8.898 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

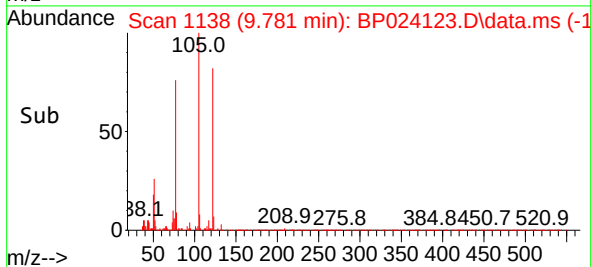
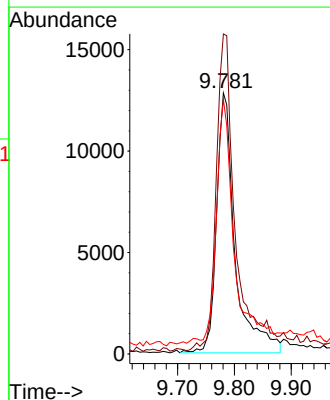
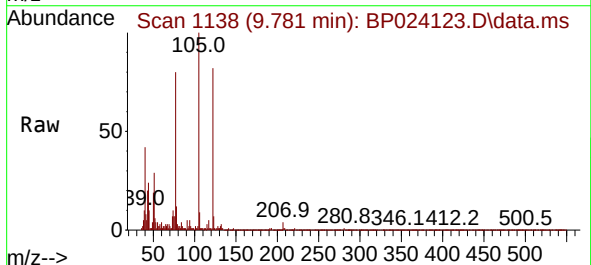
Instrument :
BNA_P
ClientSampleId :
VNJ-227

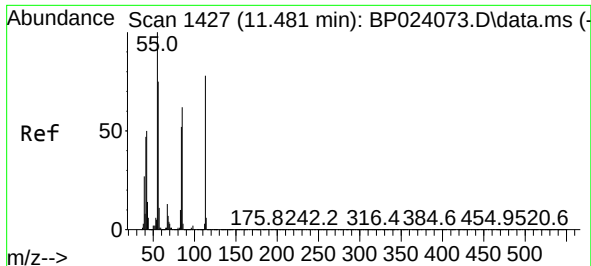
Tgt Ion: 82 Resp: 3063068
Ion Ratio Lower Upper
82 100
128 47.1 37.4 56.2
54 40.6 32.4 48.6



#32
Benzoic acid
Concen: 8.937 ng
RT: 9.781 min Scan# 1138
Delta R.T. -0.076 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

Tgt Ion:122 Resp: 29160
Ion Ratio Lower Upper
122 100
105 122.6 103.7 143.7
77 97.6 69.9 109.9

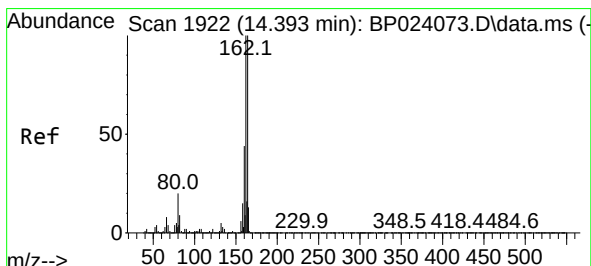
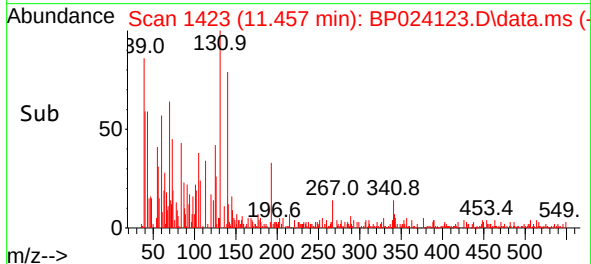
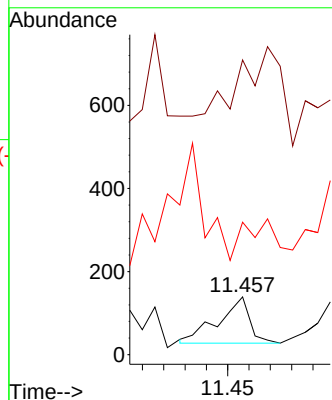
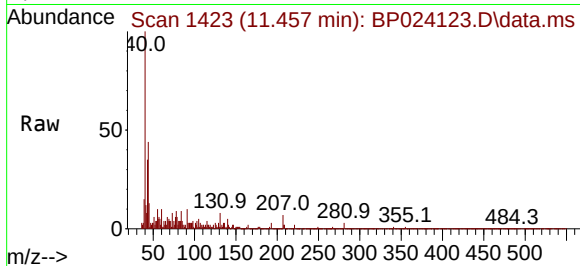




#35
Caprolactam
Concen: 5.587 ng
RT: 11.457 min Scan# 1427
Delta R.T. -0.024 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

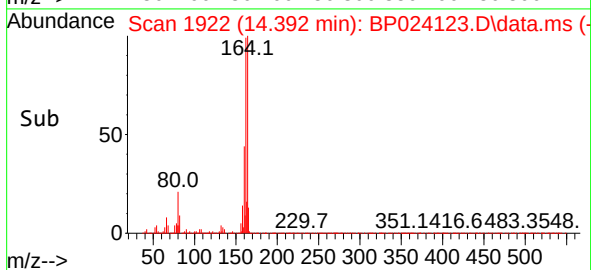
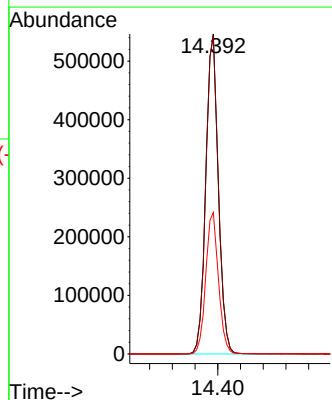
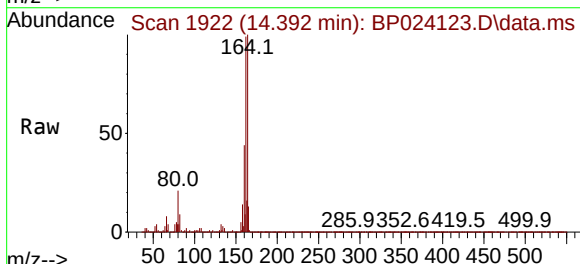
Instrument :
BNA_P
ClientSampleId :
VNJ-227

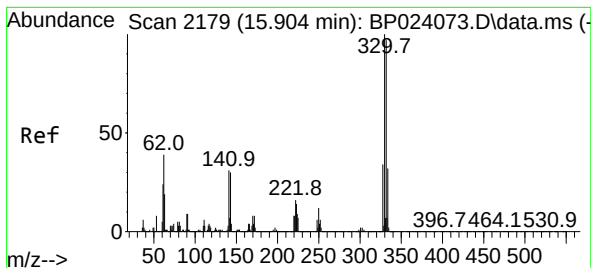
Tgt Ion:113 Resp: 113
Ion Ratio Lower Upper
113 100
55 510.1 108.8 148.8#
56 229.5 76.5 116.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

Tgt Ion:164 Resp: 831962
Ion Ratio Lower Upper
164 100
162 99.3 80.1 120.1
160 44.2 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 168.729 ng

RT: 15.910 min Scan# 2179

Delta R.T. 0.005 min

Lab File: BP024123.D

Acq: 27 Feb 2025 17:13

Instrument :

BNA_P

ClientSampleId :

VNJ-227

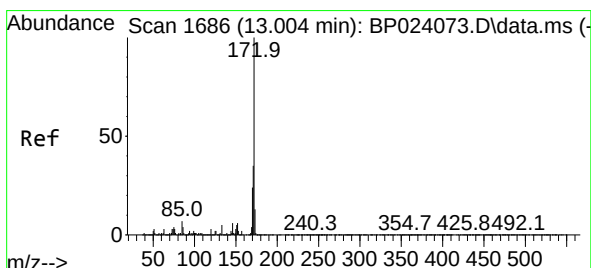
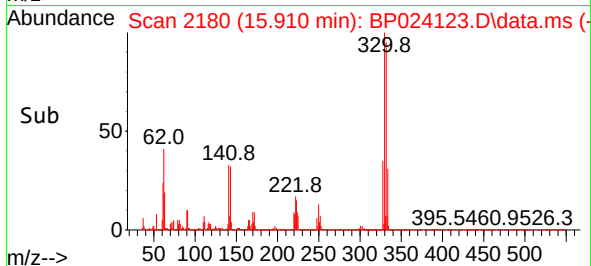
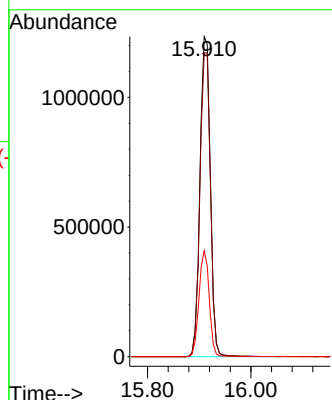
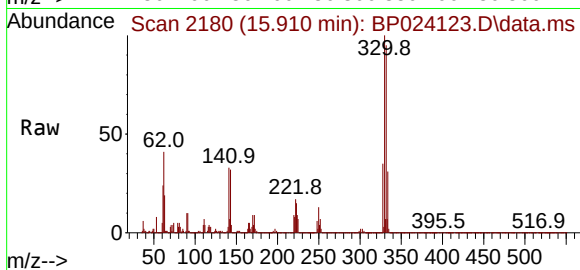
Tgt Ion:330 Resp: 1719455

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.4

141 32.7 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 105.334 ng

RT: 12.998 min Scan# 1685

Delta R.T. -0.006 min

Lab File: BP024123.D

Acq: 27 Feb 2025 17:13

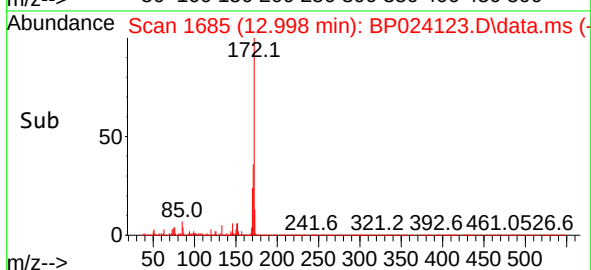
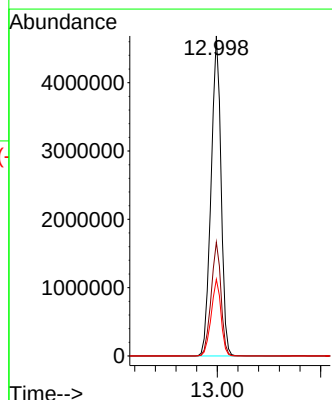
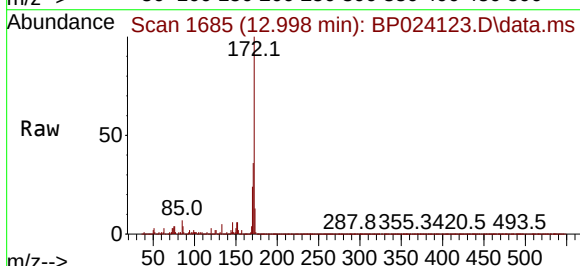
Tgt Ion:172 Resp: 6268517

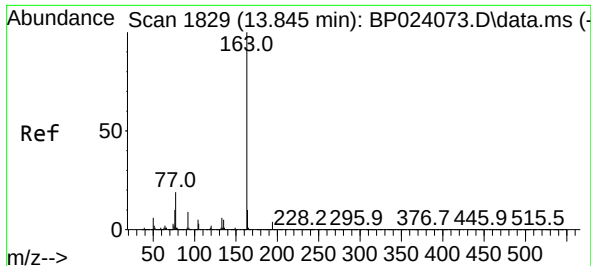
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 24.0 19.0 28.6

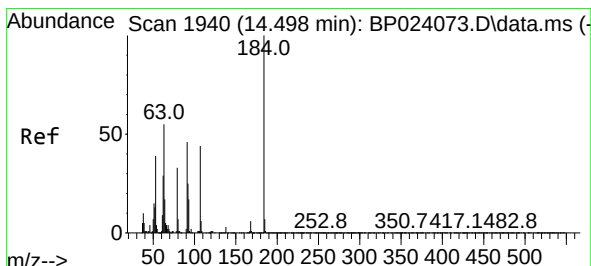
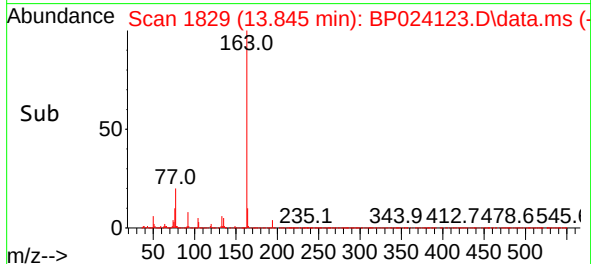
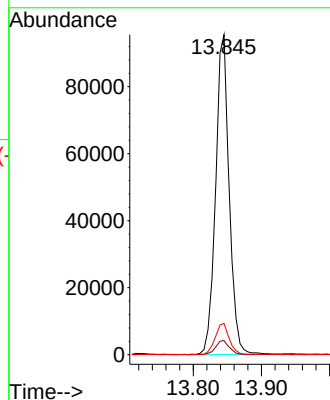
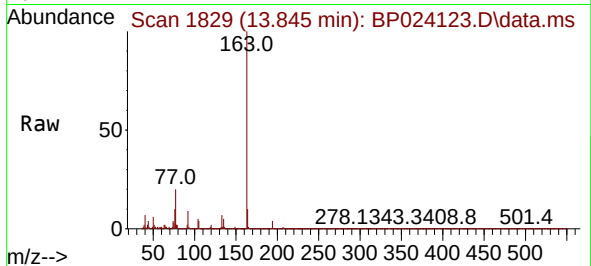




#50
Dimethylphthalate
Concen: 2.252 ng
RT: 13.845 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

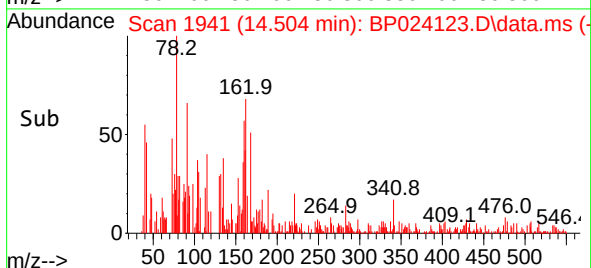
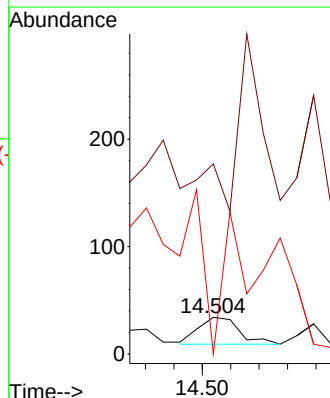
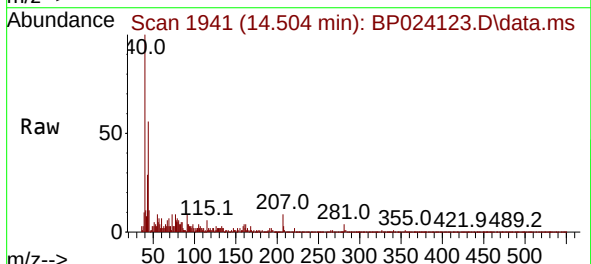
Instrument :
BNA_P
ClientSampleId :
VNJ-227

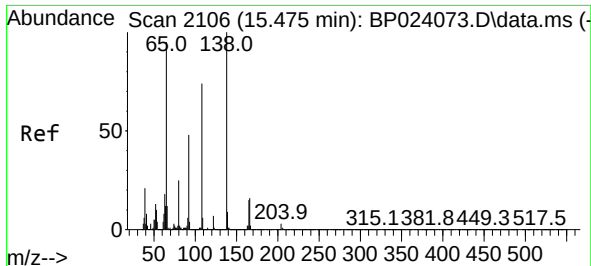
Tgt Ion:163 Resp: 132168
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.7 8.1 12.1



#54
2,4-Dinitrophenol
Concen: 7.782 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

Tgt Ion:184 Resp: 25
Ion Ratio Lower Upper
184 100
63 520.6 49.4 74.0#
154 0.0 49.2 73.8#

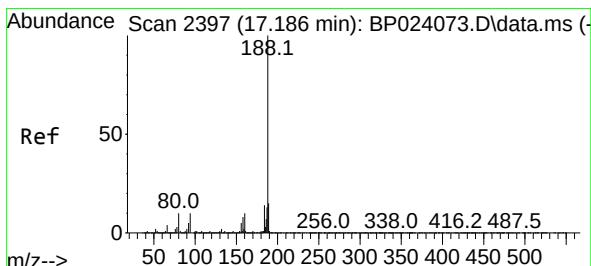
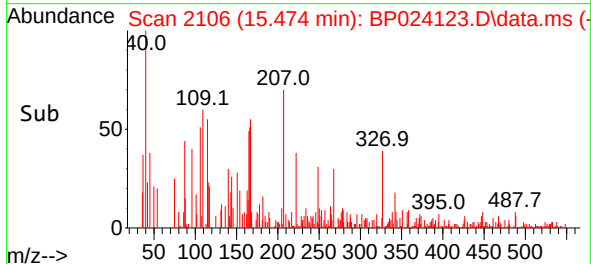
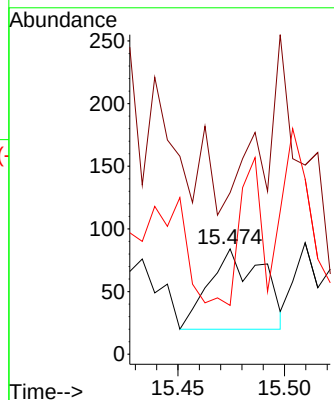
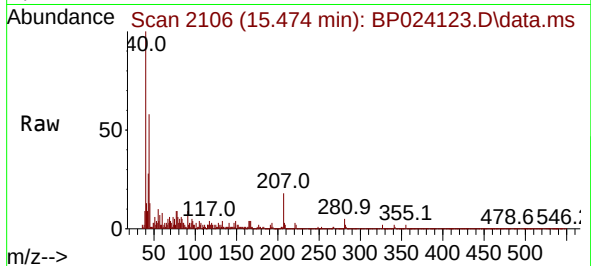




#62
4-Nitroaniline
Concen: 3.294 ng
RT: 15.474 min Scan# 2106
Delta R.T. -0.001 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

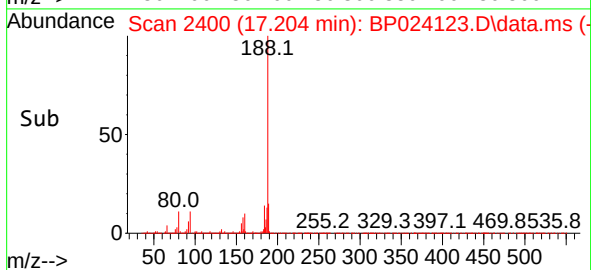
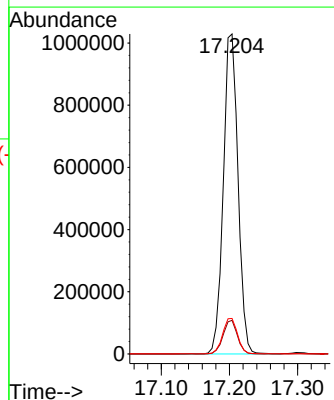
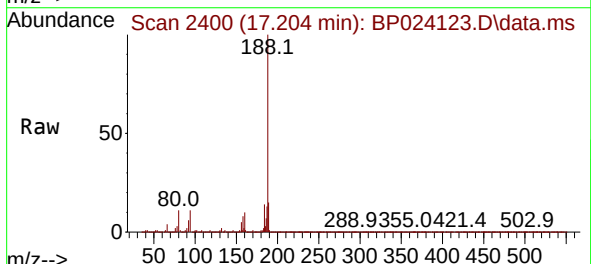
Instrument :
BNA_P
ClientSampleId :
VNJ-227

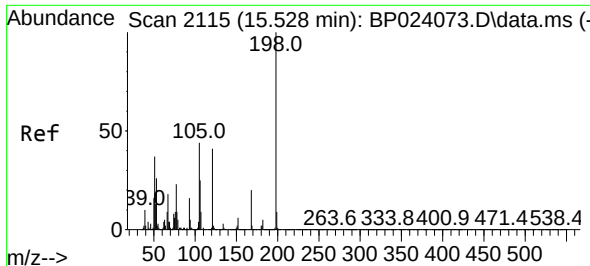
Tgt Ion:138 Resp: 110
Ion Ratio Lower Upper
138 100
92 153.6 28.3 68.3#
108 46.4 54.0 94.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. 0.017 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

Tgt Ion:188 Resp: 1540525
Ion Ratio Lower Upper
188 100
94 10.5 7.6 11.4
80 11.1 8.2 12.2

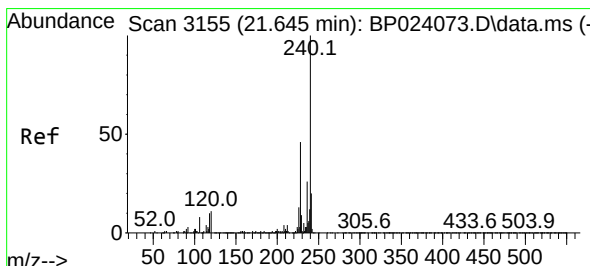
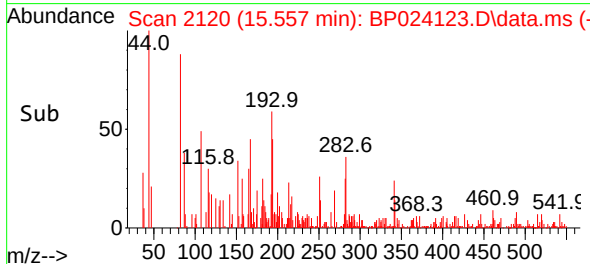
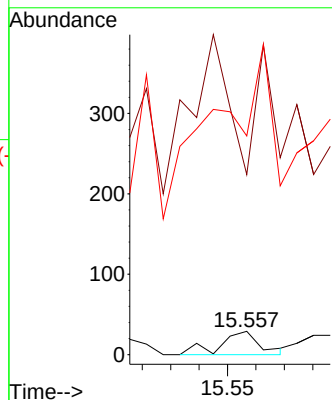
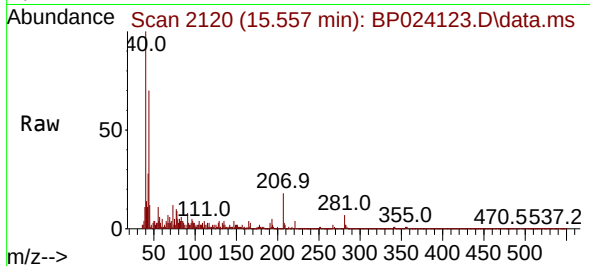




#65
4,6-Dinitro-2-methylphenol
Concen: 6.012 ng
RT: 15.557 min Scan# 2115
Delta R.T. 0.029 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

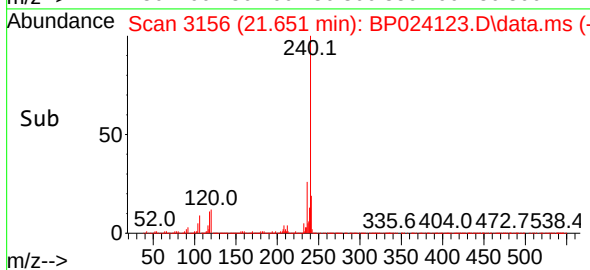
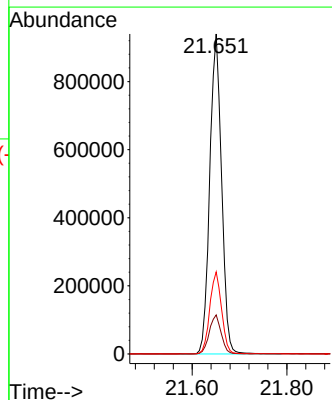
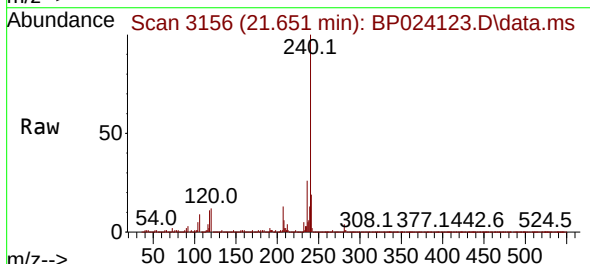
Instrument :
BNA_P
ClientSampleId :
VNJ-227

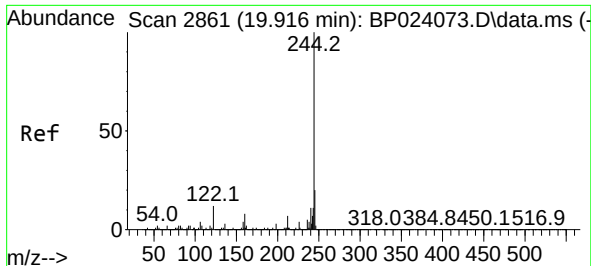
Tgt Ion:198 Resp: 29
Ion Ratio Lower Upper
198 100
51 772.4 18.7 58.7#
105 937.9 24.7 64.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3156
Delta R.T. 0.005 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

Tgt Ion:240 Resp: 1624574
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.7 20.7 31.1

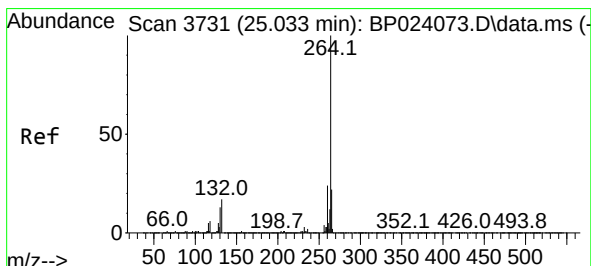
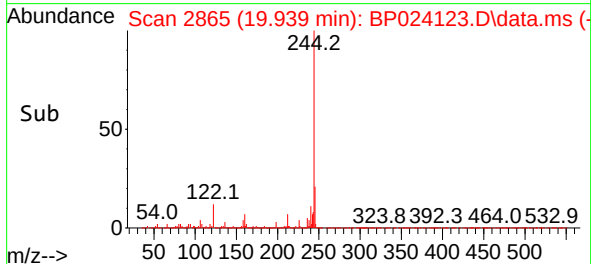
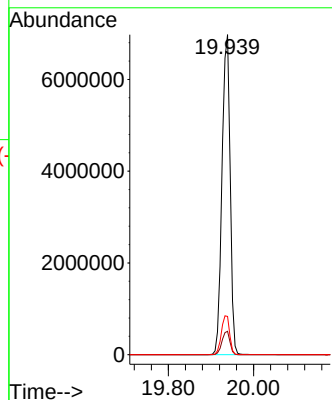
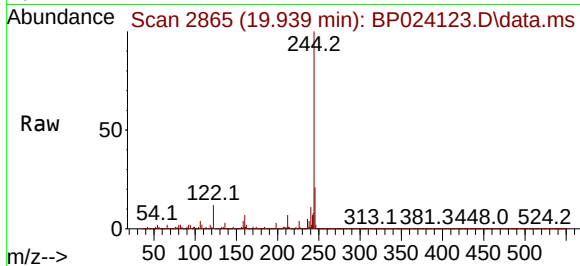




#79
 Terphenyl-d14
 Concen: 112.588 ng
 RT: 19.939 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BP024123.D
 Acq: 27 Feb 2025 17:13

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-227

Tgt Ion:244 Resp: 9243641
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.9 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.044 min Scan# 3733
 Delta R.T. 0.011 min
 Lab File: BP024123.D
 Acq: 27 Feb 2025 17:13

Tgt Ion:264 Resp: 1802525
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 22.1 17.8 26.8

