

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)

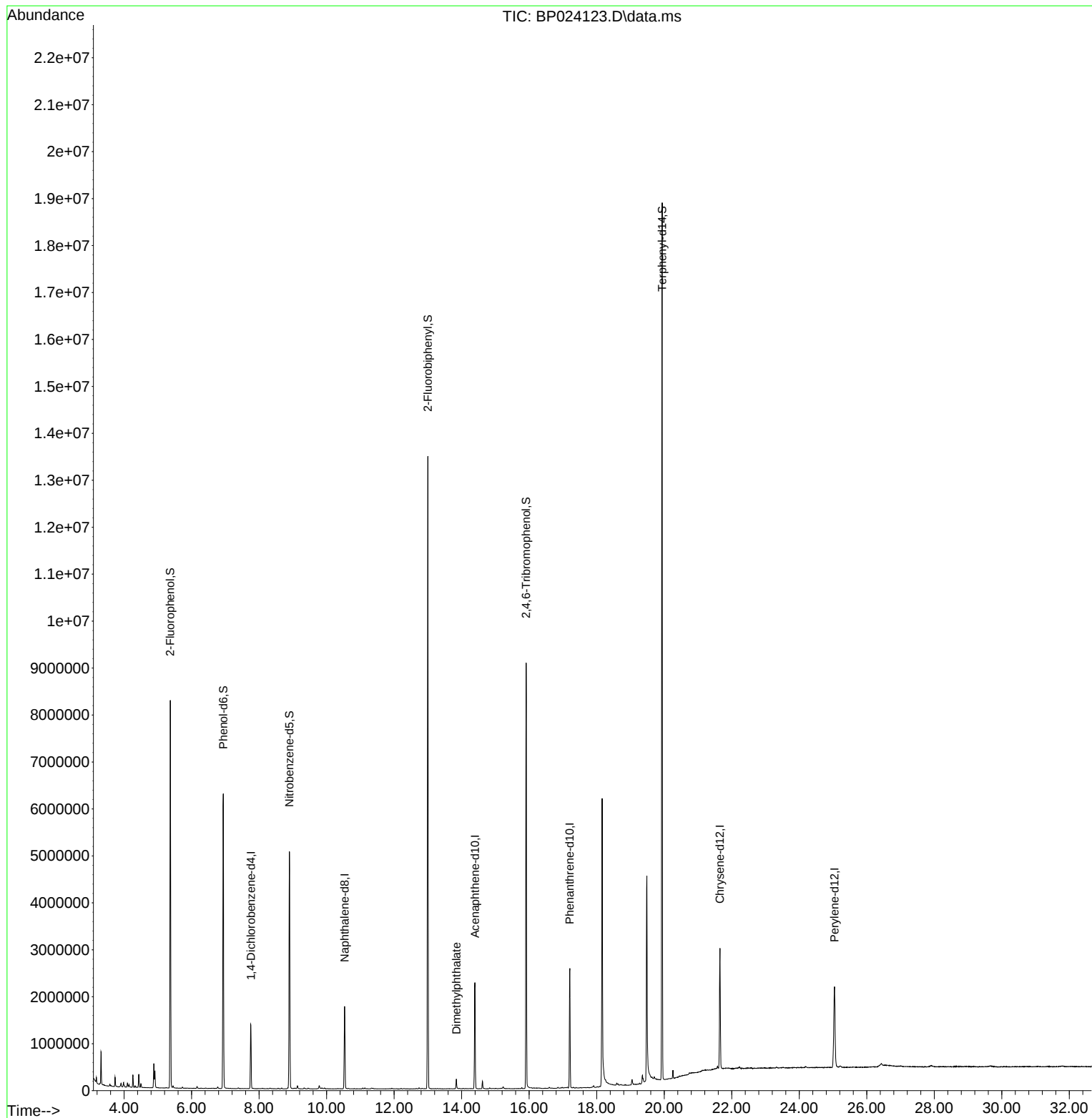
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	401591	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1517718	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	831962	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1540525	20.000	ng	0.02
76) Chrysene-d12	21.651	240	1624574	20.000	ng	0.00
86) Perylene-d12	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						
50) Dimethylphthalate	13.845	163	132168	2.252	ng	Qvalue 99

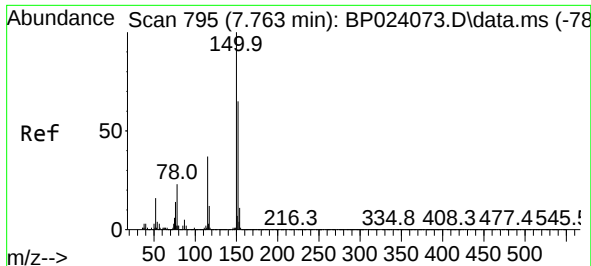
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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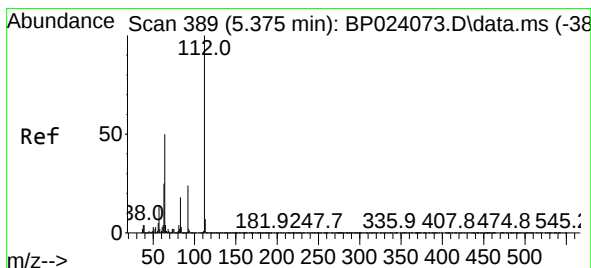
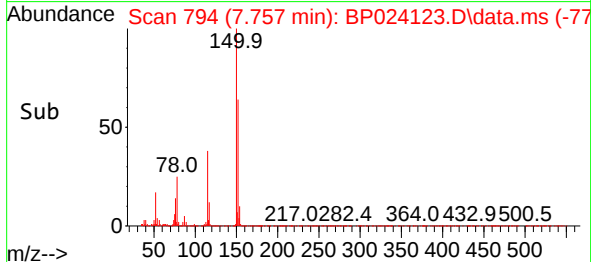
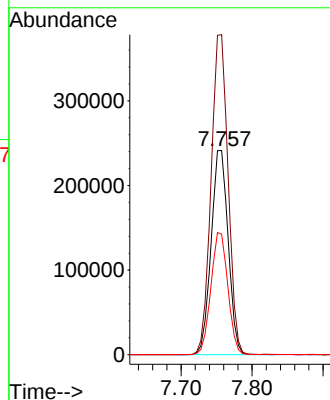
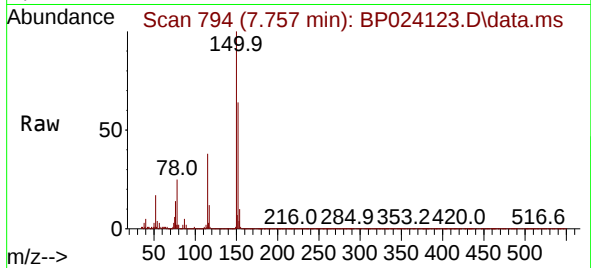




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BP024123.D
 Acq: 27 Feb 2025 17:13

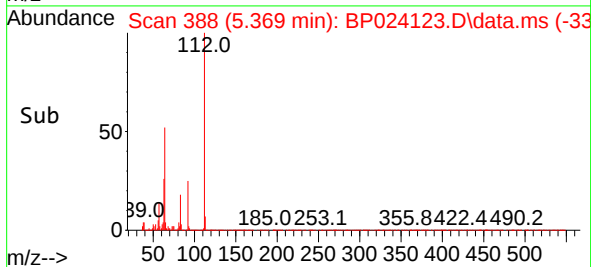
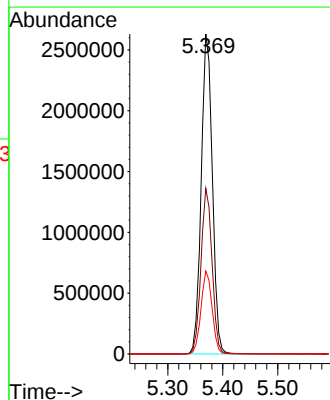
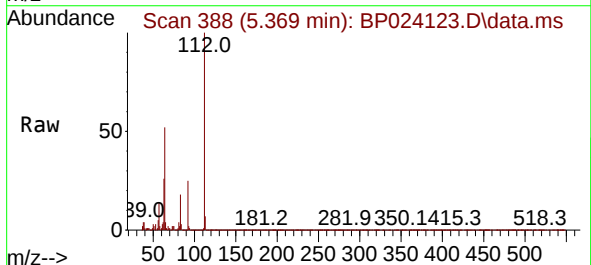
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-227

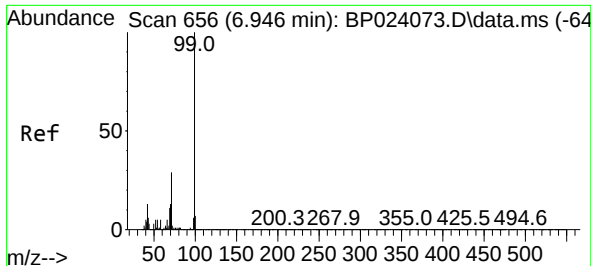
Tgt Ion:152 Resp: 401591
 Ion Ratio Lower Upper
 152 100
 150 156.7 122.4 183.6
 115 59.0 45.0 67.6



#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

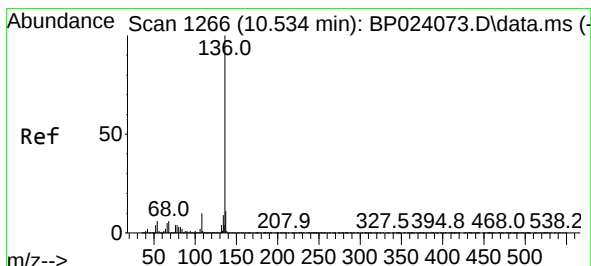
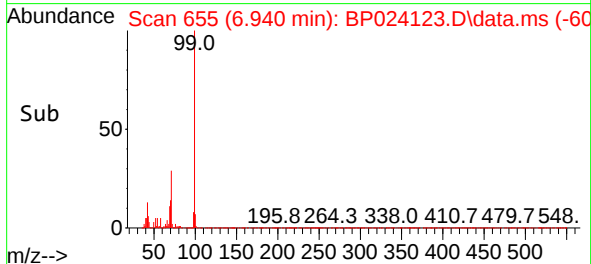
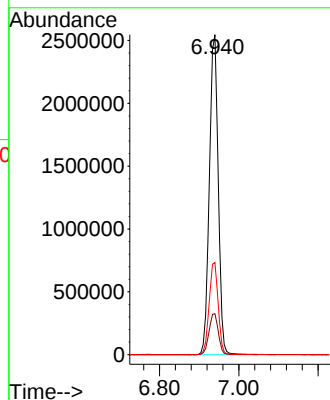
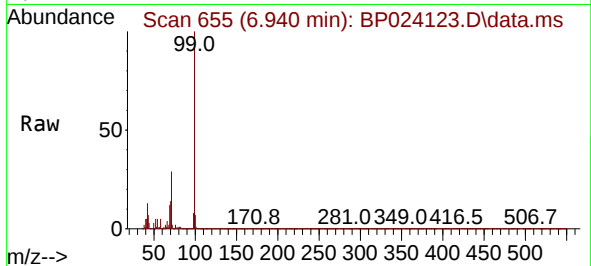




#7
Phenol-d6
Concen: 119.651 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

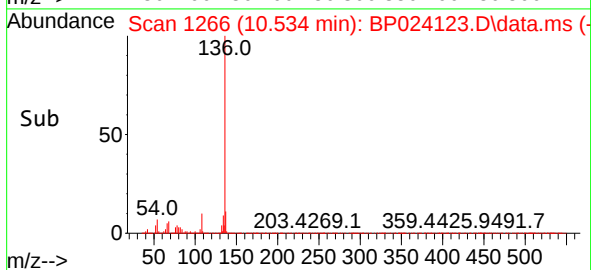
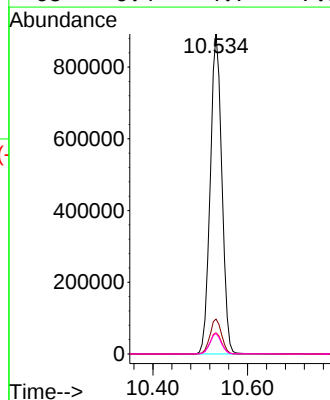
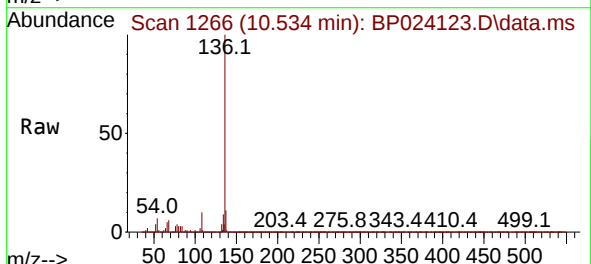
Instrument :
BNA_P
ClientSampleId :
VNJ-227

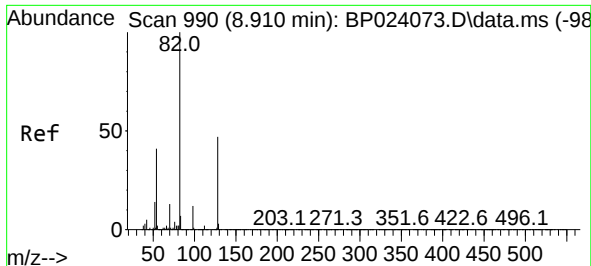
Tgt Ion: 99 Resp: 3957947
Ion Ratio Lower Upper
99 100
42 12.8 10.3 15.5
71 28.8 22.9 34.3



#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

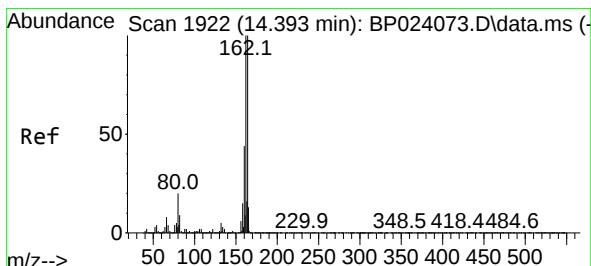
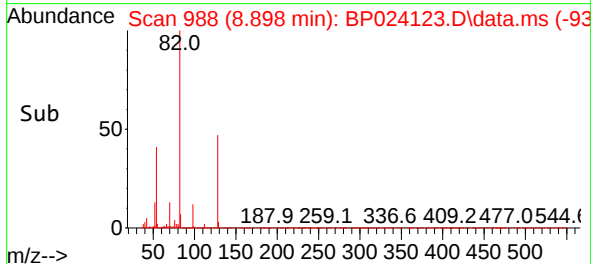
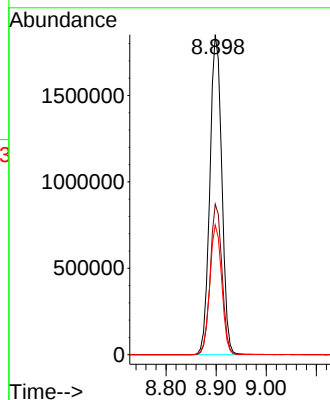
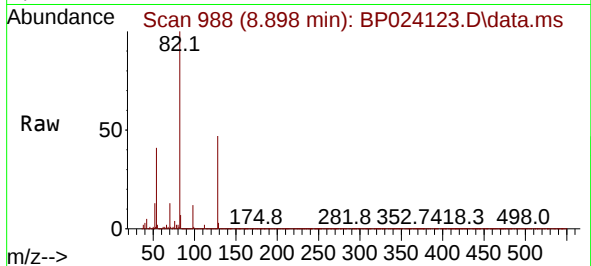




#23
 Nitrobenzene-d5
 Concen: 112.593 ng
 RT: 8.898 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BP024123.D
 Acq: 27 Feb 2025 17:13

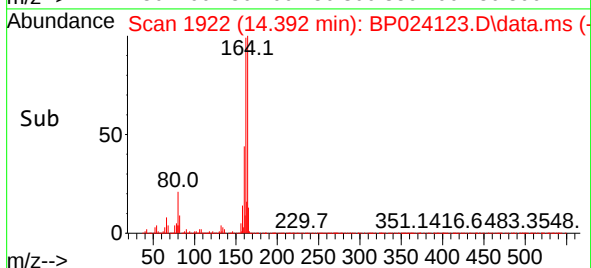
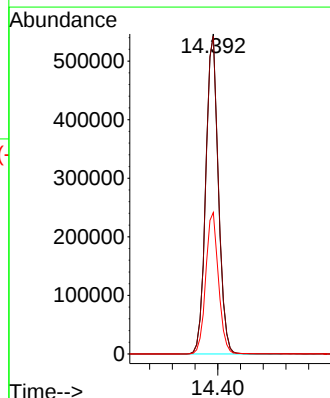
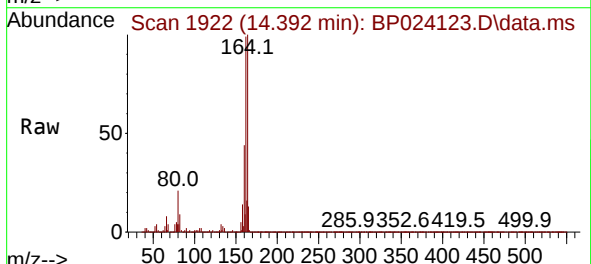
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-227

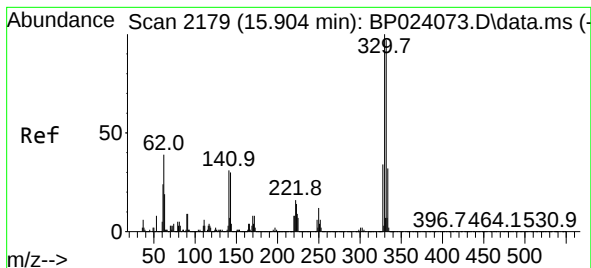
Tgt Ion: 82 Resp: 3063068
 Ion Ratio Lower Upper
 82 100
 128 47.1 37.4 56.2
 54 40.6 32.4 48.6



#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# 21

Delta R.T. 0.005 min

Lab File: BP024123.D

Acq: 27 Feb 2025 17:13

Instrument :

BNA_P

ClientSampleId :

VNJ-227

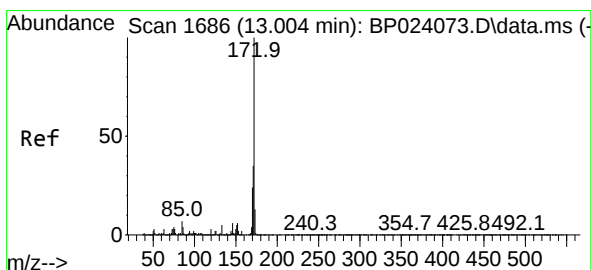
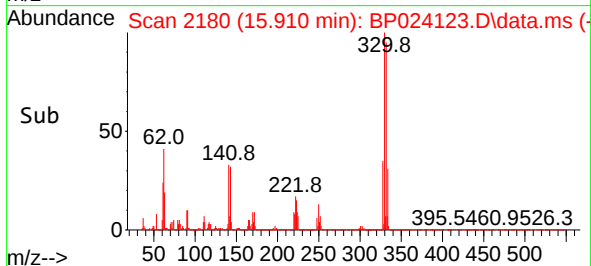
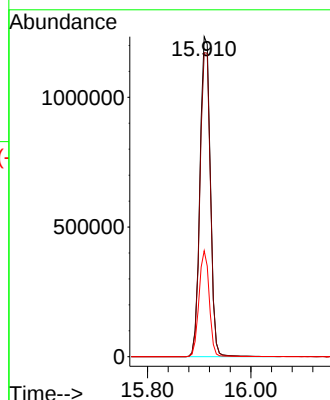
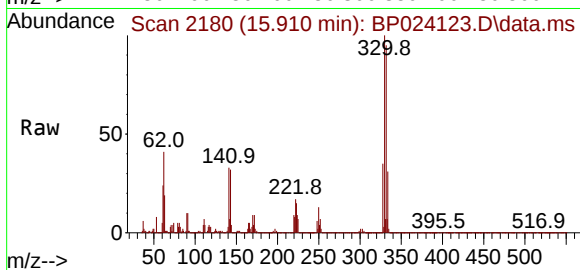
Tgt Ion:330 Resp: 1719455

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

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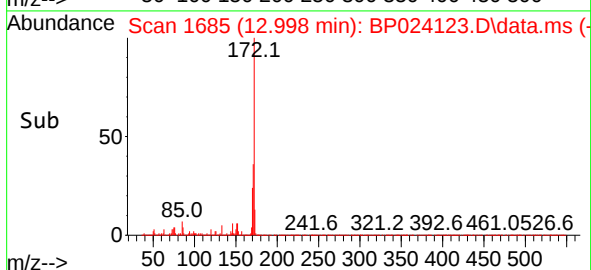
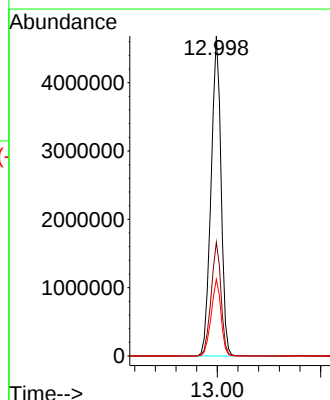
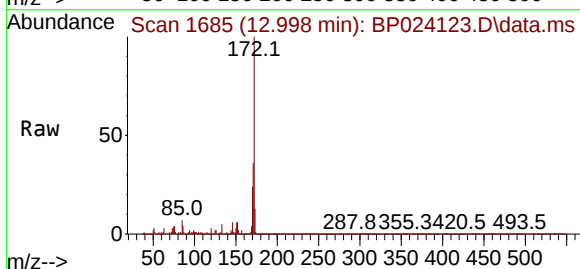
Tgt Ion:172 Resp: 6268517

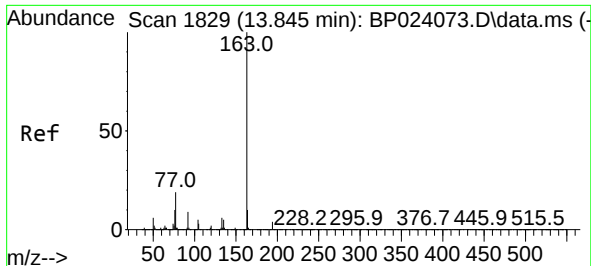
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 24.0 19.0 28.6

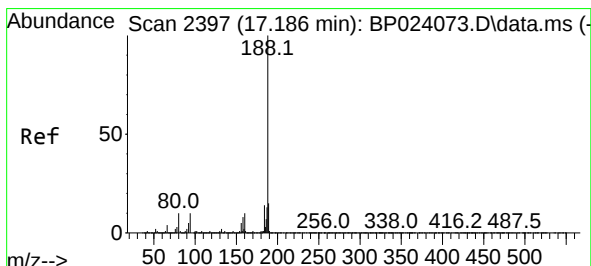
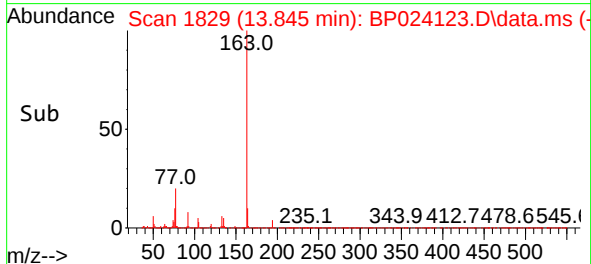
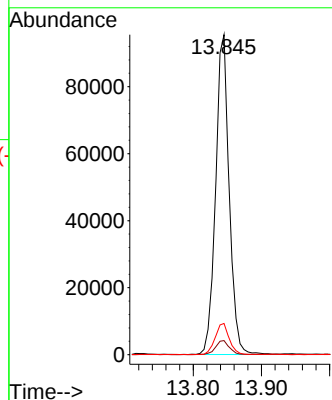
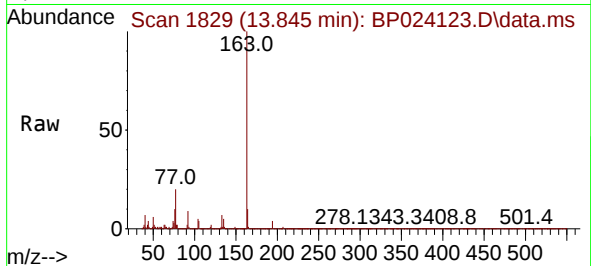




#50
Dimethylphthalate
Concen: 2.252 ng
RT: 13.845 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

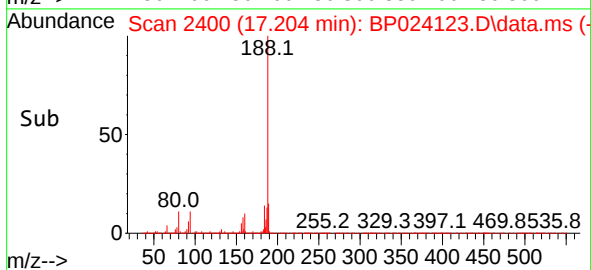
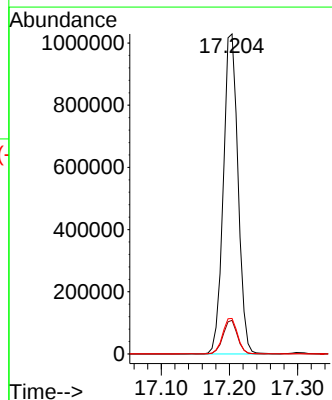
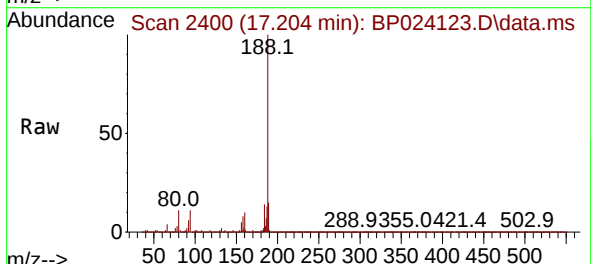
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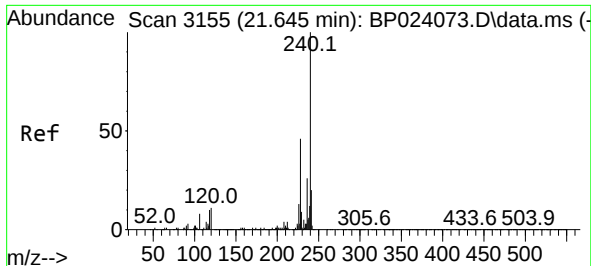
Tgt Ion:163 Resp: 132168
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.7 8.1 12.1



#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

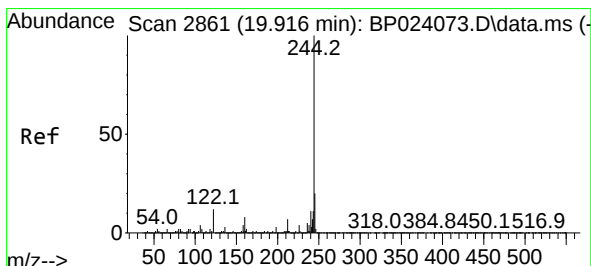
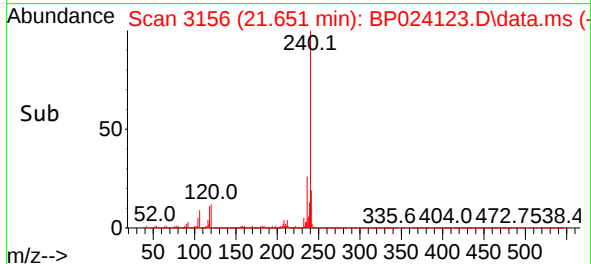
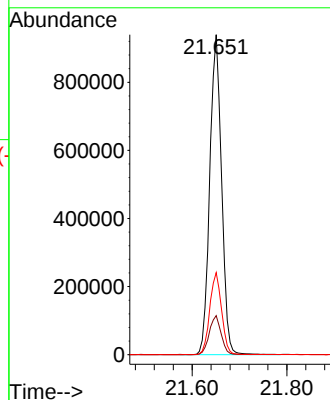
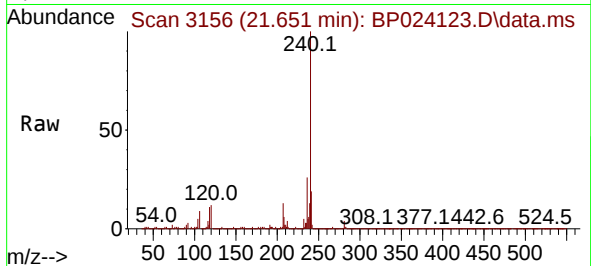




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3155
Delta R.T. 0.005 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

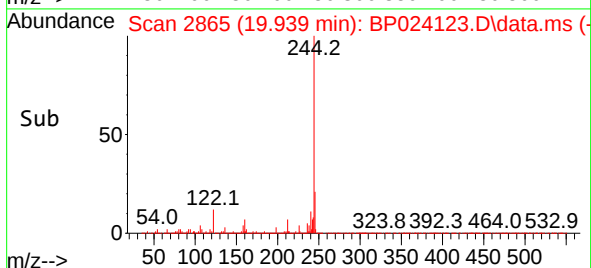
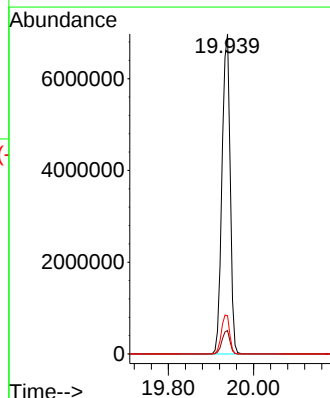
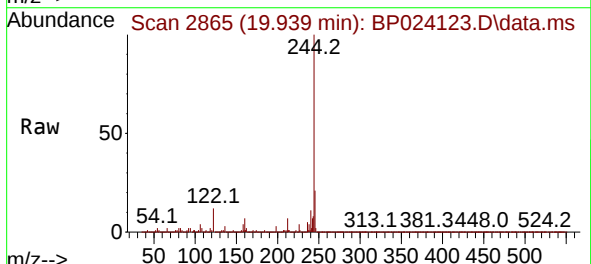
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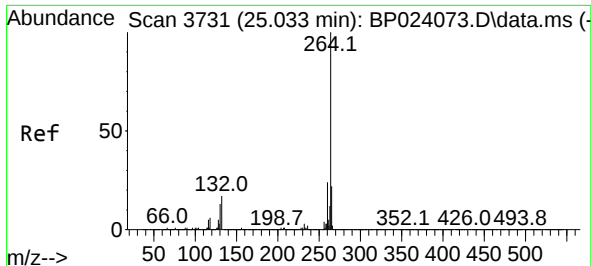
Tgt Ion:240 Resp: 1624574
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 112.588 ng
RT: 19.939 min Scan# 2865
Delta R.T. 0.023 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

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# 31
Delta R.T. 0.011 min
Lab File: BP024123.D
Acq: 27 Feb 2025 17:13

Instrument :
BNA_P
ClientSampleId :
VNJ-227

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

