

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
 Data File : BP019933.D
 Acq On : 29 Feb 2024 12:54
 Operator : MA/JU
 Sample : P1538-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20241097-COMPOSITE-35N-N-4-02

Quant Time: Feb 29 13:24:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 29 12:18:35 2024
 Response via : Initial Calibration

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

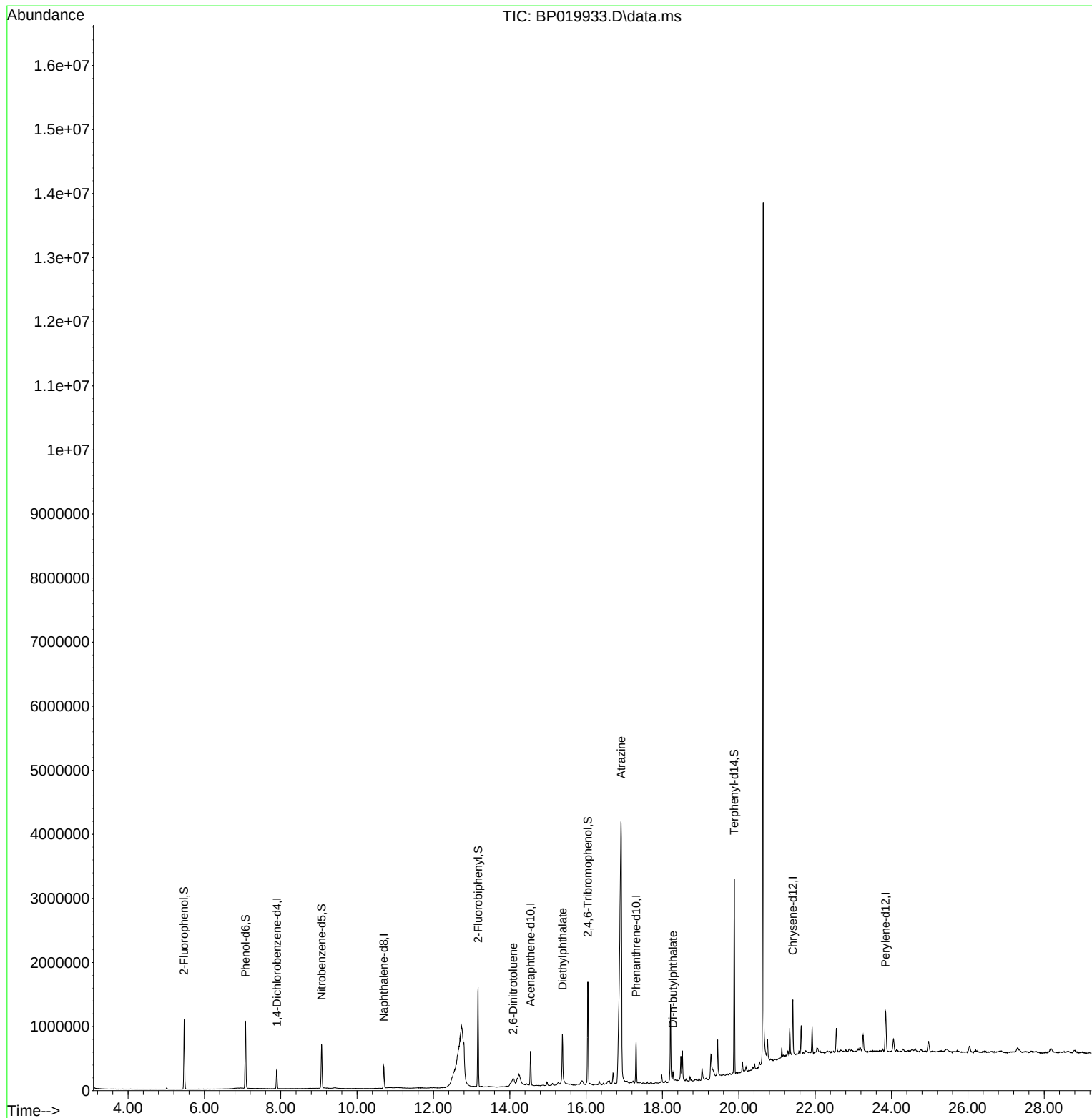
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	76299	20.000	ng	-0.01
21) Naphthalene-d8	10.699	136	279562	20.000	ng	-0.02
39) Acenaphthene-d10	14.545	164	188194	20.000	ng	-0.01
64) Phenanthrene-d10	17.310	188	406877	20.000	ng	-0.01
76) Chrysene-d12	21.416	240	423293	20.000	ng	-0.01
86) Perylene-d12	23.845	264	546010	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	456000	98.096	ng	-0.01
7) Phenol-d6	7.075	99	601472	86.906	ng	-0.01
23) Nitrobenzene-d5	9.069	82	406246	58.666	ng	-0.02
42) 2,4,6-Tribromophenol	16.045	330	339831	105.313	ng	-0.02
45) 2-Fluorobiphenyl	13.169	172	820322	58.894	ng	-0.01
79) Terphenyl-d14	19.881	244	1504801	56.032	ng	-0.01
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.093	165	53606	16.213	ng	# 44
60) Diethylphthalate	15.381	149	738049	48.628	ng	99
69) Atrazine	16.916	200	20799	4.258	ng	# 61
74) Di-n-butylphthalate	18.275	149	108192	4.406	ng	98

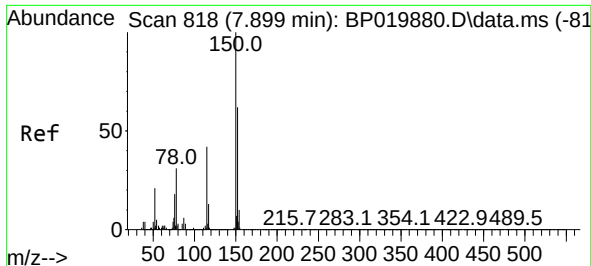
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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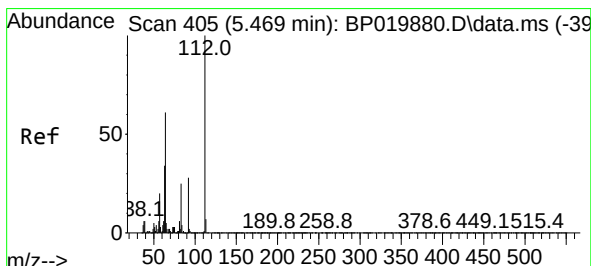
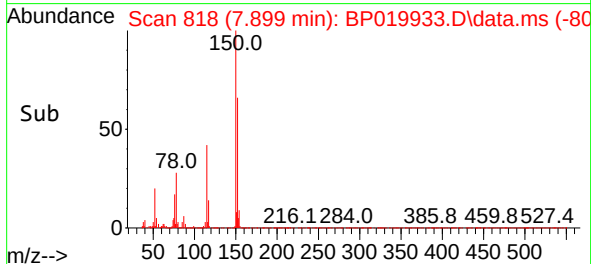
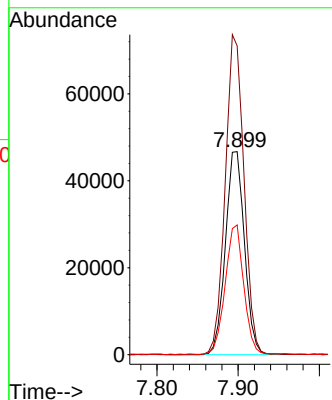
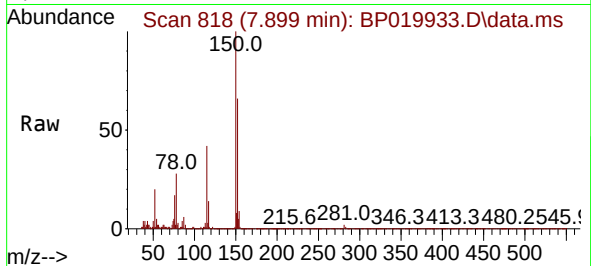




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.011 min
Lab File: BP019933.D
Acq: 29 Feb 2024 12:54

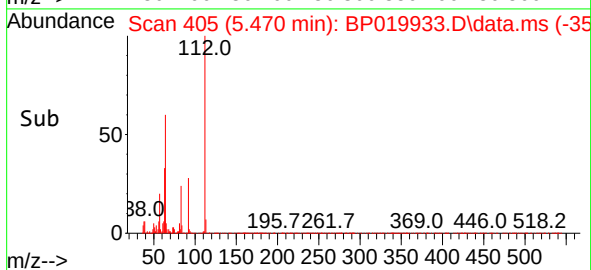
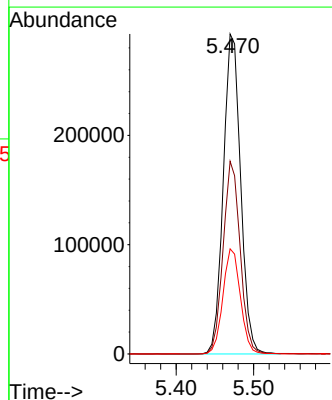
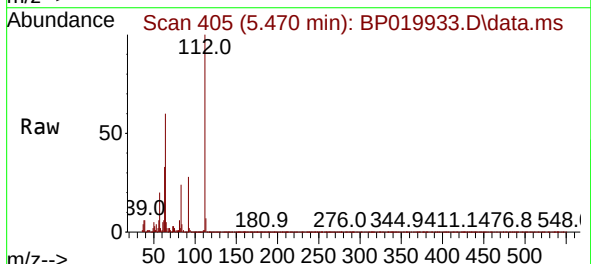
Instrument :
BNA_P
ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

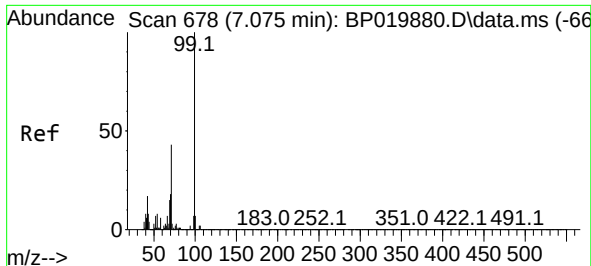
Tgt Ion:152 Resp: 76299
Ion Ratio Lower Upper
152 100
150 152.1 128.6 192.8
115 63.9 53.4 80.2



#5
2-Fluorophenol
Concen: 98.096 ng
RT: 5.470 min Scan# 405
Delta R.T. -0.012 min
Lab File: BP019933.D
Acq: 29 Feb 2024 12:54

Tgt Ion:112 Resp: 456000
Ion Ratio Lower Upper
112 100
64 60.2 49.0 73.6
63 32.9 27.6 41.4

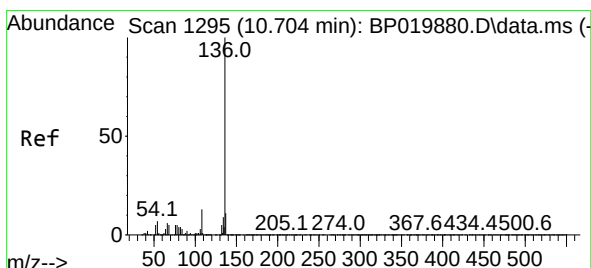
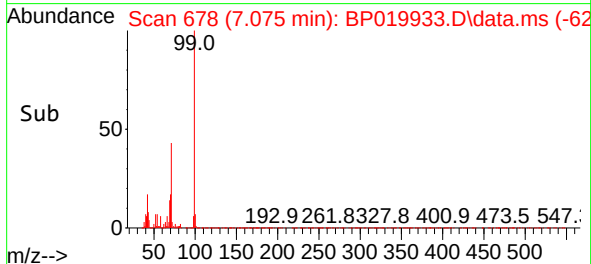
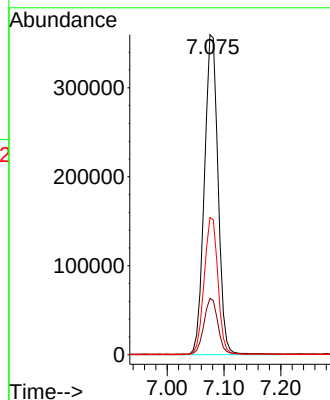
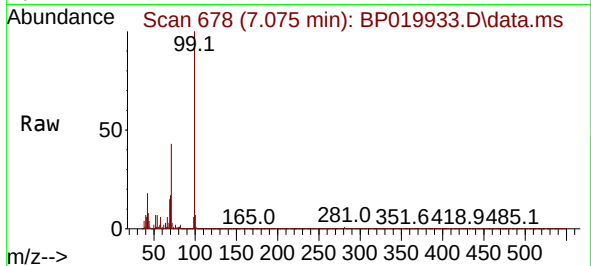




#7
Phenol-d6
Concen: 86.906 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019933.D
Acq: 29 Feb 2024 12:54

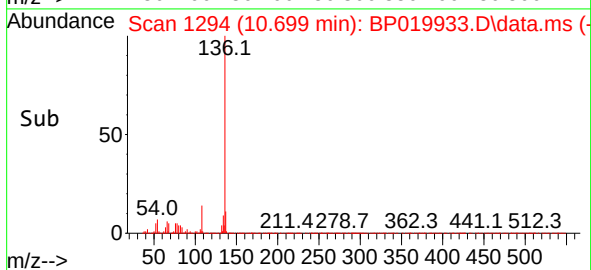
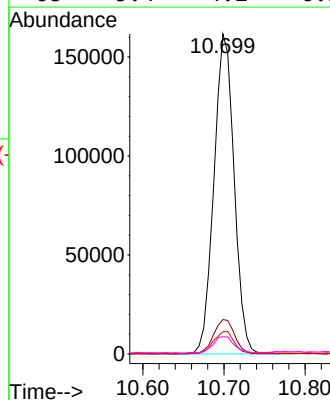
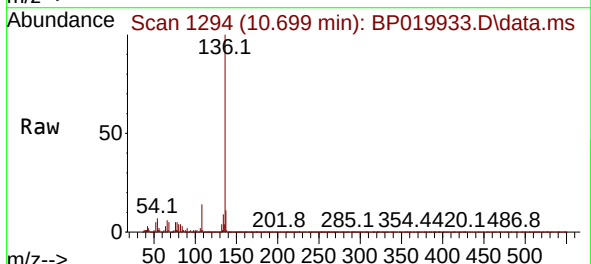
Instrument :
BNA_P
ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

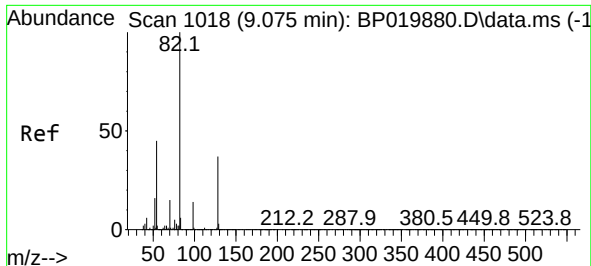
Tgt Ion: 99 Resp: 601472
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.8
71 42.9 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.018 min
Lab File: BP019933.D
Acq: 29 Feb 2024 12:54

Tgt Ion:136 Resp: 279562
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.0 6.0 9.0
68 5.4 4.2 6.2

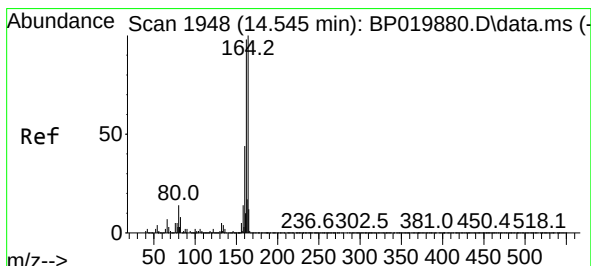
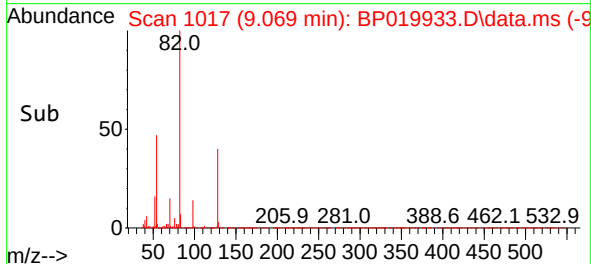
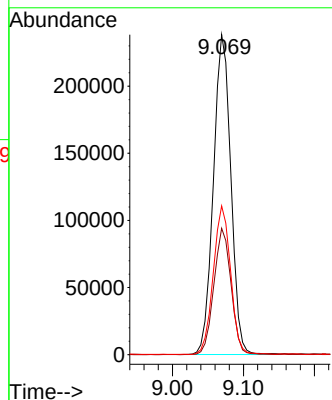
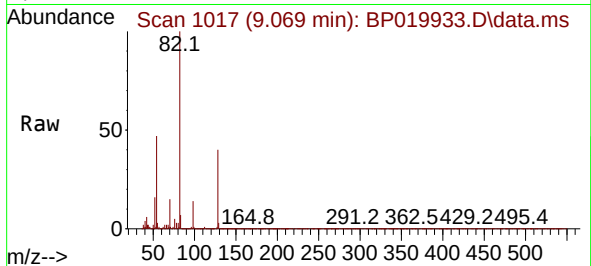




#23
Nitrobenzene-d5
Concen: 58.666 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP019933.D
Acq: 29 Feb 2024 12:54

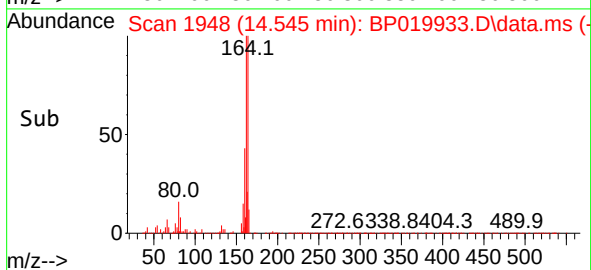
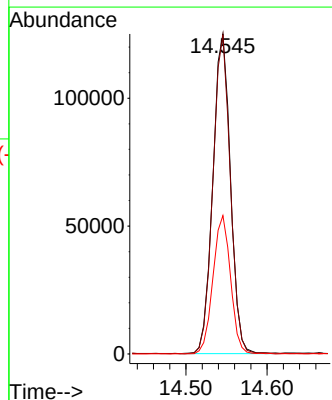
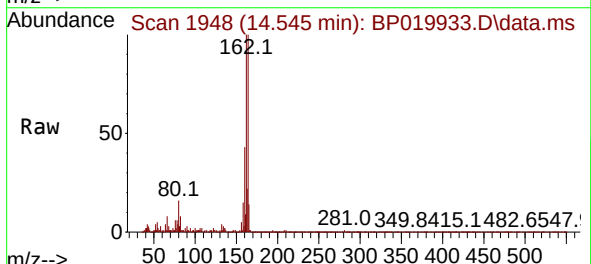
Instrument :
BNA_P
ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

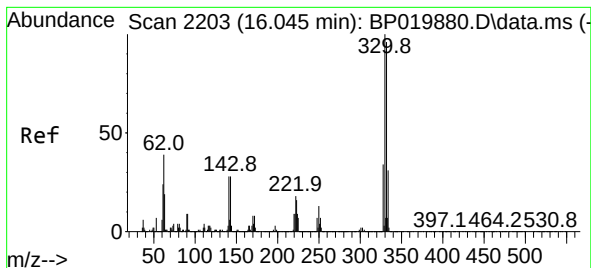
Tgt Ion: 82 Resp: 406246
Ion Ratio Lower Upper
82 100
128 39.5 29.6 44.4
54 46.5 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP019933.D
Acq: 29 Feb 2024 12:54

Tgt Ion: 164 Resp: 188194
Ion Ratio Lower Upper
164 100
162 99.6 78.1 117.1
160 43.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 105.313 ng

RT: 16.045 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP019933.D

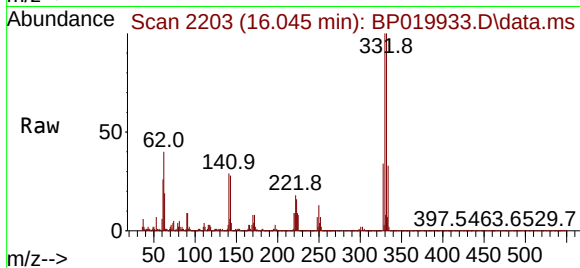
Acq: 29 Feb 2024 12:54

Instrument :

BNA_P

ClientSampleId :

20241097-COMPOSITE-35N-N-4-02



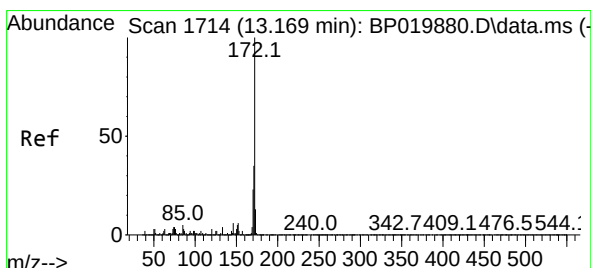
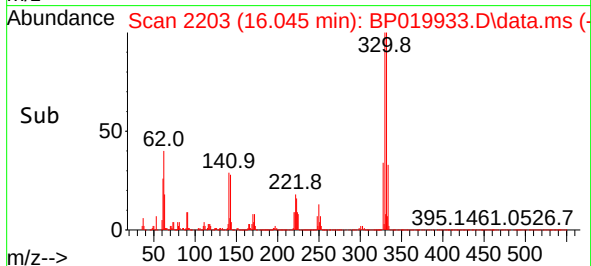
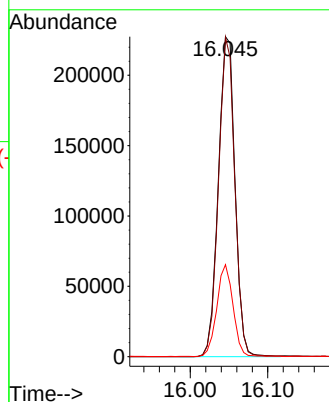
Tgt Ion:330 Resp: 339831

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

141 27.8 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 58.894 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019933.D

Acq: 29 Feb 2024 12:54

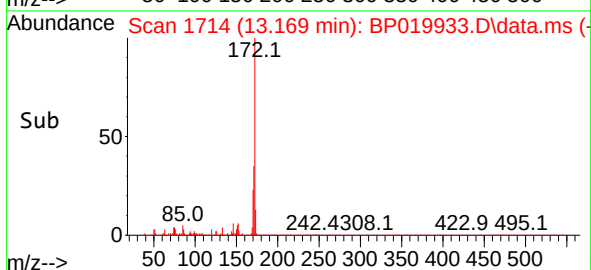
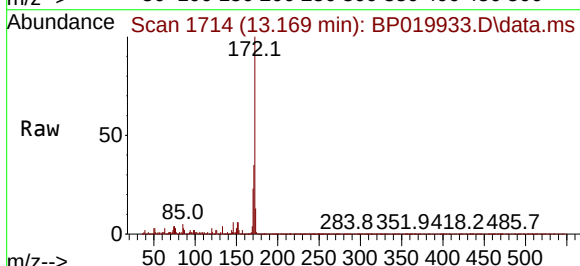
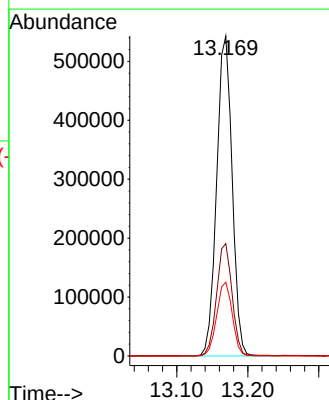
Tgt Ion:172 Resp: 820322

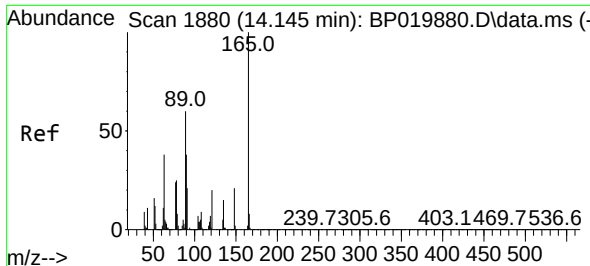
Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.6

170 23.0 18.4 27.6

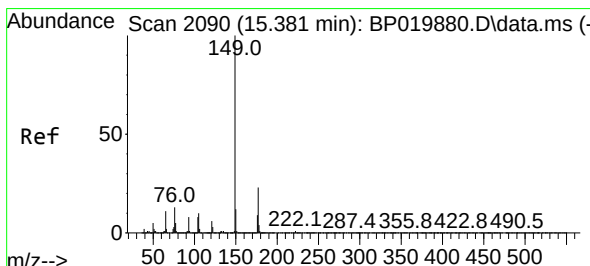
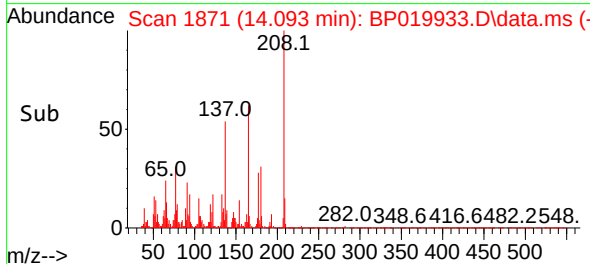
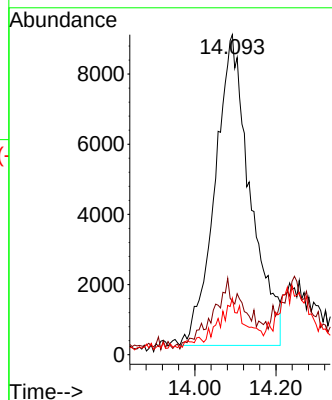
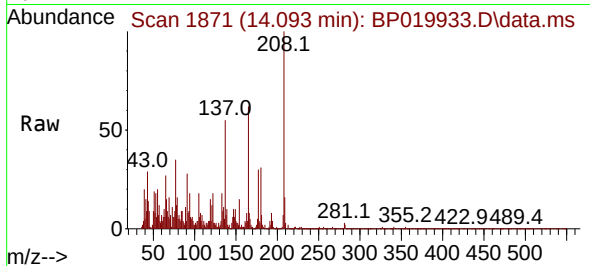




#51
2,6-Dinitrotoluene
Concen: 16.213 ng
RT: 14.093 min Scan# 1880
Delta R.T. -0.065 min
Lab File: BP019933.D
Acq: 29 Feb 2024 12:54

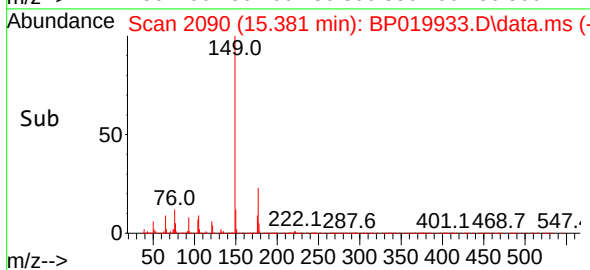
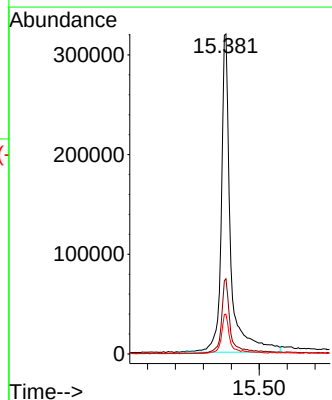
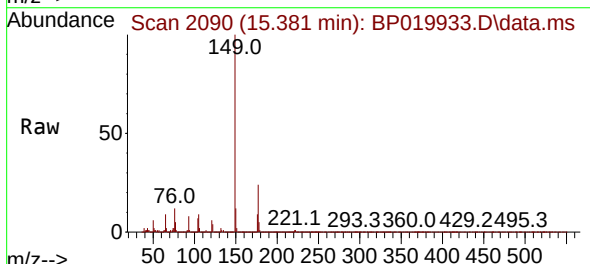
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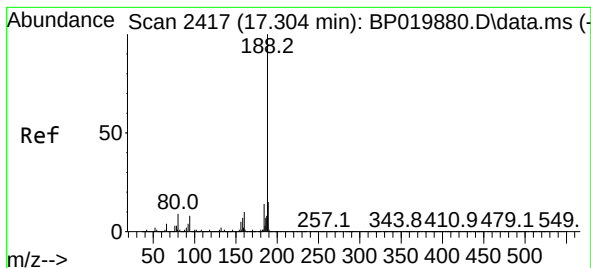
Tgt Ion:165 Resp: 53606
Ion Ratio Lower Upper
165 100
63 16.6 46.9 70.3#
89 17.7 48.3 72.5#



#60
Diethylphthalate
Concen: 48.628 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BP019933.D
Acq: 29 Feb 2024 12:54

Tgt Ion:149 Resp: 738049
Ion Ratio Lower Upper
149 100
177 23.5 18.4 27.6
150 12.4 9.9 14.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019933.D

Acq: 29 Feb 2024 12:54

Instrument :

BNA_P

ClientSampleId :

20241097-COMPOSITE-35N-N-4-02

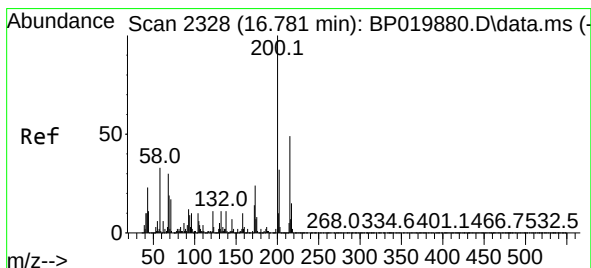
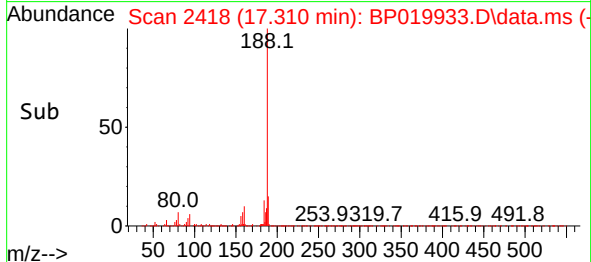
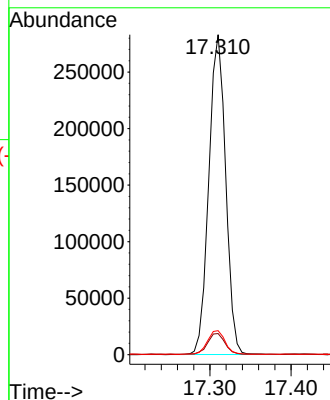
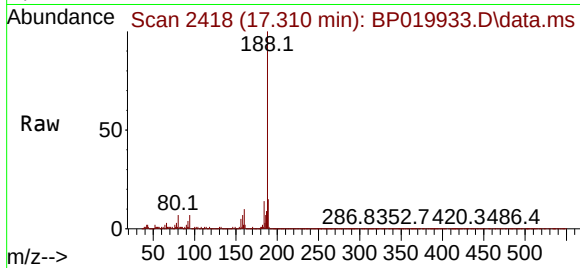
Tgt Ion:188 Resp: 406877

Ion Ratio Lower Upper

188 100

94 6.6 6.2 9.4

80 7.5 7.0 10.4



#69

Atrazine

Concen: 4.258 ng

RT: 16.916 min Scan# 2351

Delta R.T. 0.118 min

Lab File: BP019933.D

Acq: 29 Feb 2024 12:54

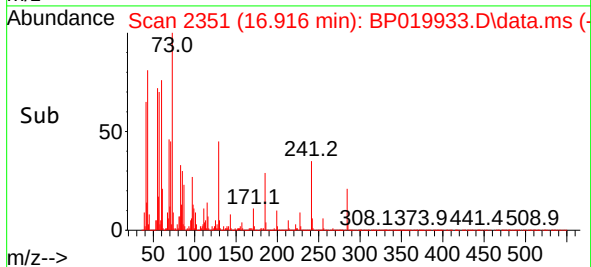
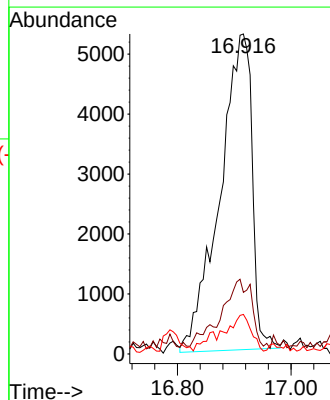
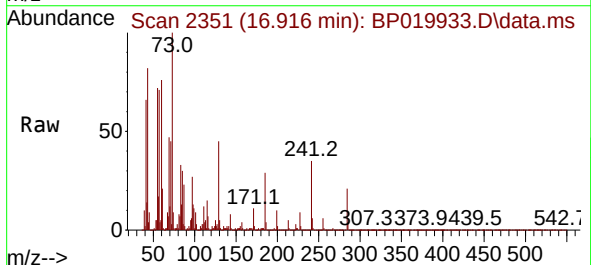
Tgt Ion:200 Resp: 20799

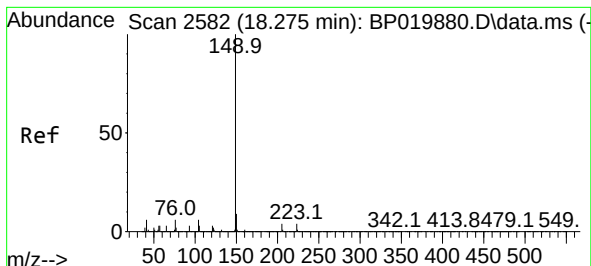
Ion Ratio Lower Upper

200 100

173 19.2 4.1 44.1

215 12.4 29.1 69.1#





#74

Di-n-butylphthalate

Concen: 4.406 ng

RT: 18.275 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019933.D

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Instrument :

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ClientSampleId :

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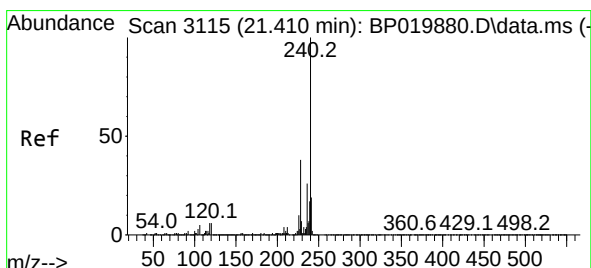
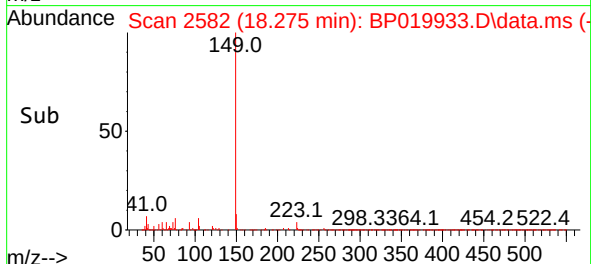
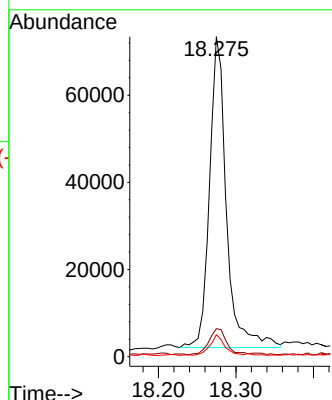
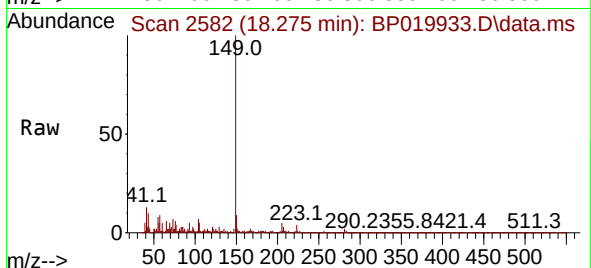
Tgt Ion:149 Resp: 108192

Ion Ratio Lower Upper

149 100

150 8.7 7.3 10.9

104 6.8 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BP019933.D

Acq: 29 Feb 2024 12:54

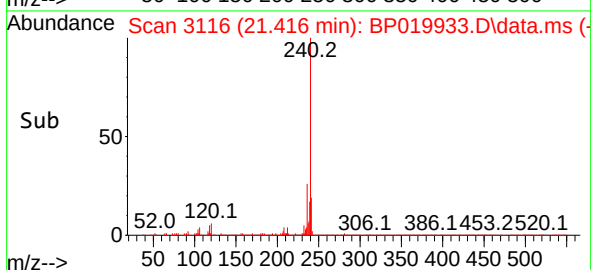
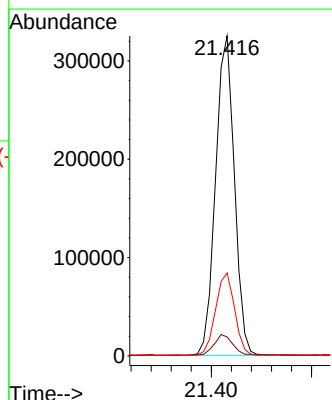
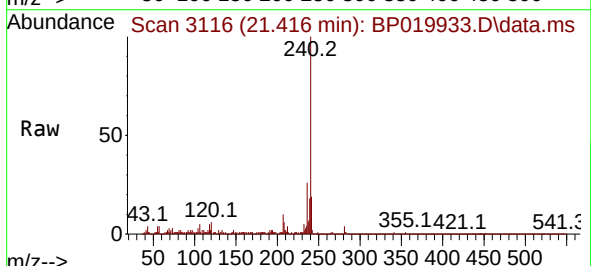
Tgt Ion:240 Resp: 423293

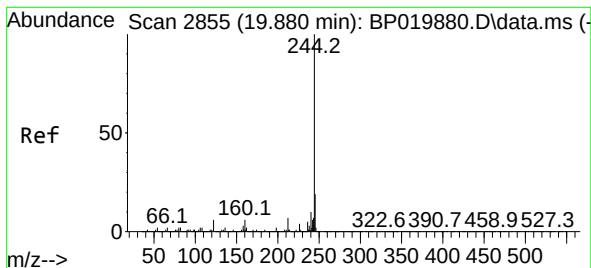
Ion Ratio Lower Upper

240 100

120 5.9 5.1 7.7

236 26.0 20.5 30.7





#79

Terphenyl-d14

Concen: 56.032 ng

RT: 19.881 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019933.D

Acq: 29 Feb 2024 12:54

Instrument :

BNA_P

ClientSampleId :

20241097-COMPOSITE-35N-N-4-02

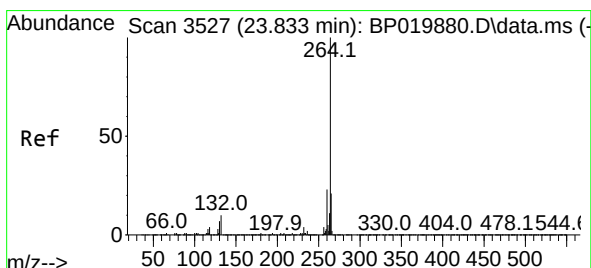
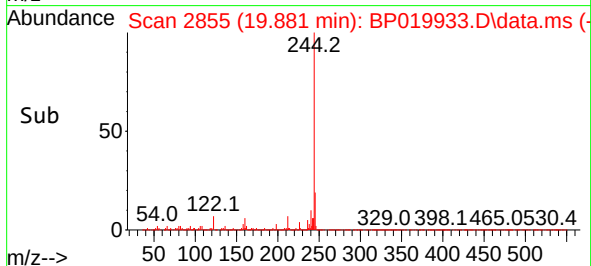
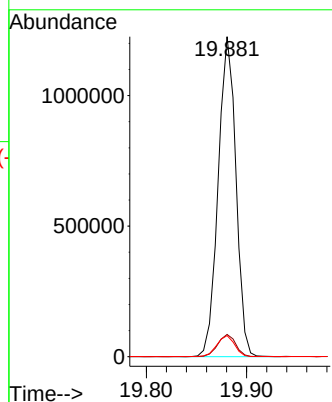
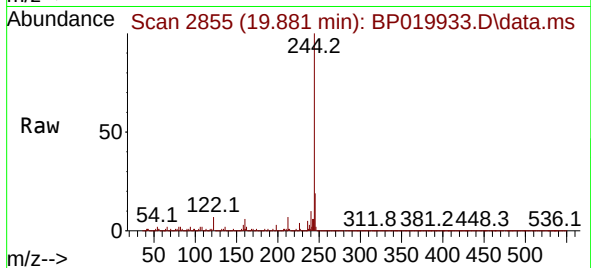
Tgt Ion:244 Resp: 1504801

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 6.6 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.845 min Scan# 3529

Delta R.T. -0.023 min

Lab File: BP019933.D

Acq: 29 Feb 2024 12:54

Tgt Ion:264 Resp: 546010

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.2 17.4 26.2

