

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061324\
 Data File : BP020613.D
 Acq On : 13 Jun 2024 15:54
 Operator : MA/JU
 Sample : P2857-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11985

Quant Time: Jun 13 16:26:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	217082	20.000	ng	-0.03
21) Naphthalene-d8	10.510	136	850988	20.000	ng	-0.02
39) Acenaphthene-d10	14.369	164	539354	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1117836	20.000	ng	-0.02
76) Chrysene-d12	21.639	240	1032311	20.000	ng	-0.03
86) Perylene-d12	24.986	264	1198420	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	1323679	109.175	ng	-0.01
7) Phenol-d6	6.928	99	1838237	107.509	ng	0.00
23) Nitrobenzene-d5	8.887	82	1164173	74.886	ng	-0.04
42) 2,4,6-Tribromophenol	15.887	330	741989	132.558	ng	-0.02
45) 2-Fluorobiphenyl	12.981	172	2812077	77.723	ng	-0.02
79) Terphenyl-d14	19.910	244	4434363	71.509	ng	-0.04

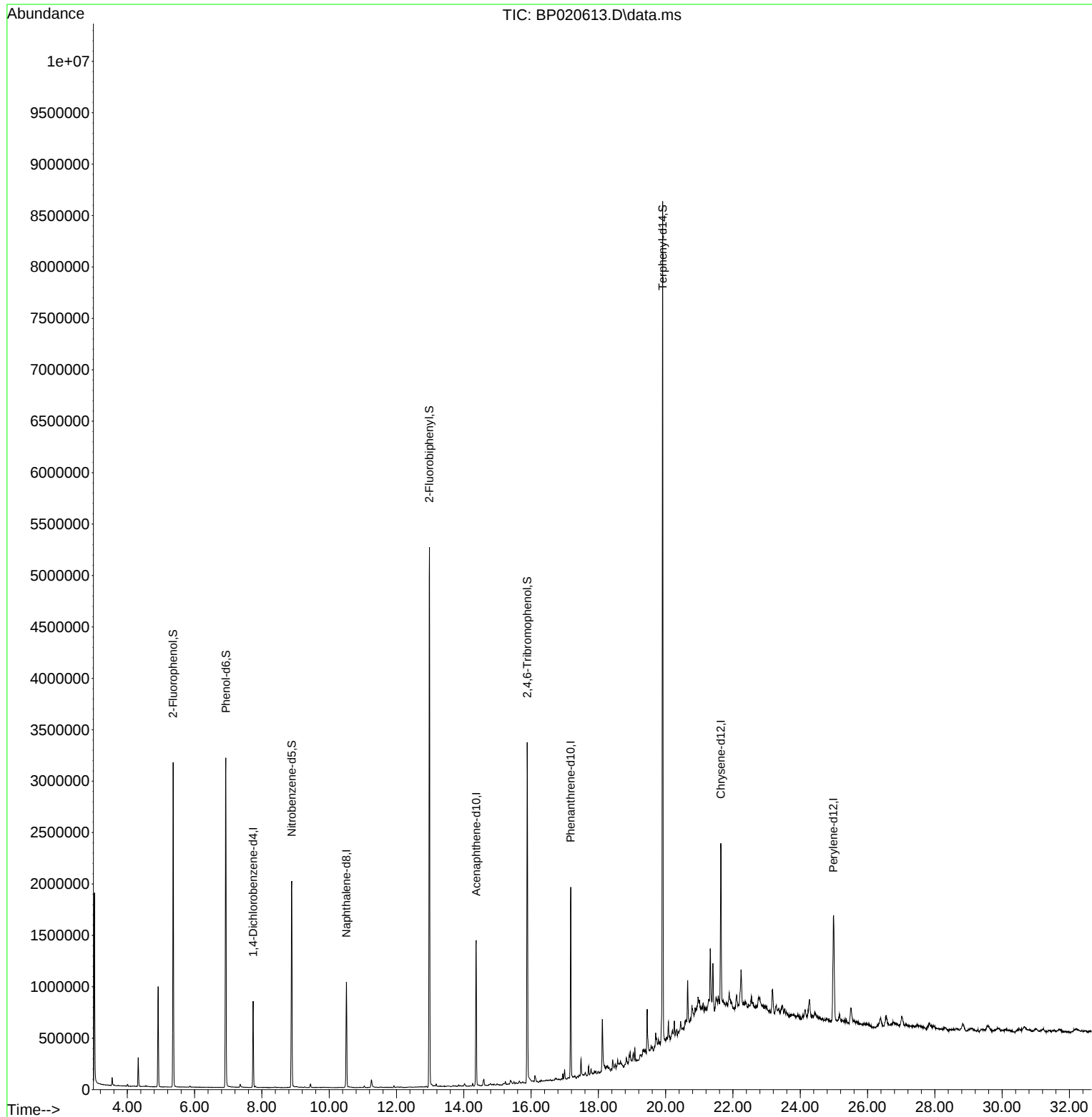
Target Compounds	Qvalue

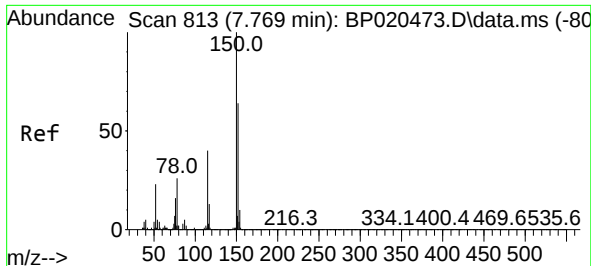
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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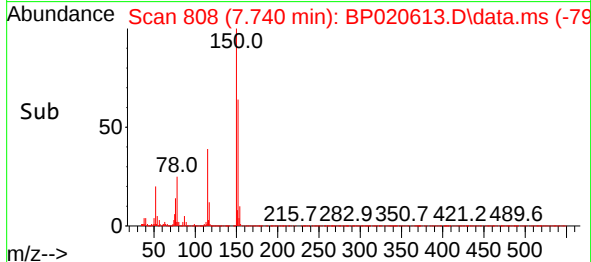
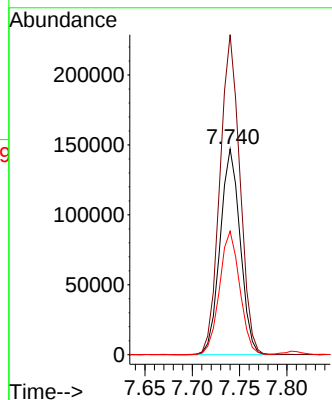
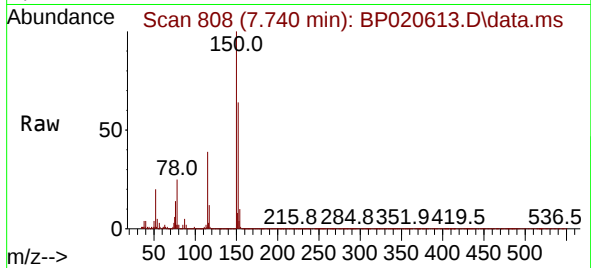




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.029 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

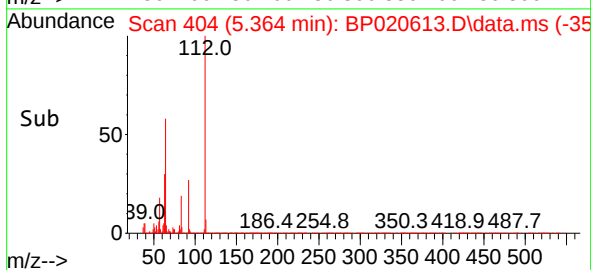
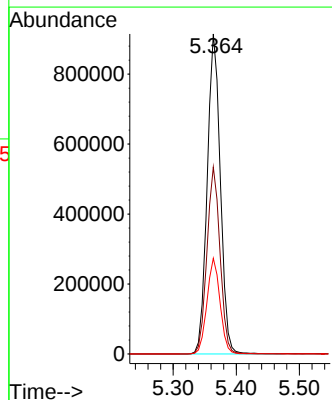
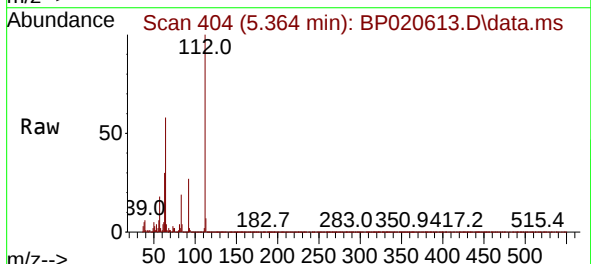
Instrument :
BNA_P
ClientSampleId :
72-11985

Tgt Ion:152 Resp: 217082
Ion Ratio Lower Upper
152 100
150 155.5 124.2 186.2
115 60.0 49.5 74.3



#5
2-Fluorophenol
Concen: 109.175 ng
RT: 5.364 min Scan# 404
Delta R.T. -0.012 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

Tgt Ion:112 Resp: 1323679
Ion Ratio Lower Upper
112 100
64 58.4 50.1 75.1
63 29.9 25.7 38.5

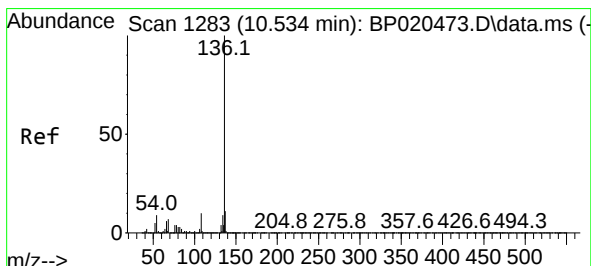
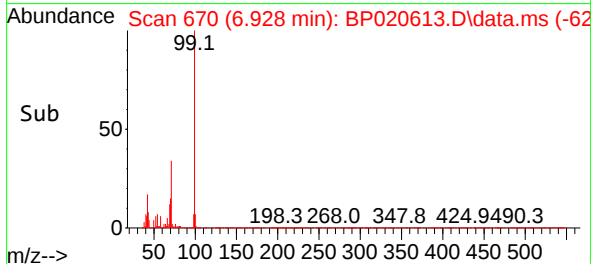
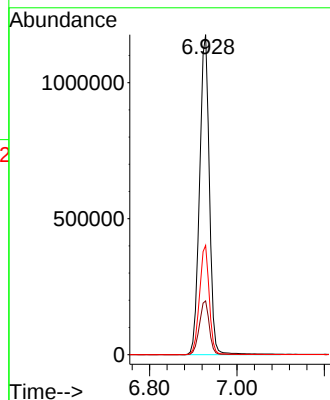
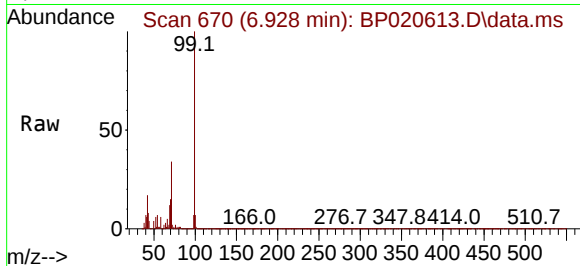




#7
Phenol-d6
Concen: 107.509 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

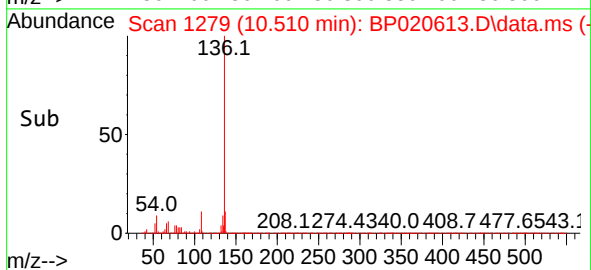
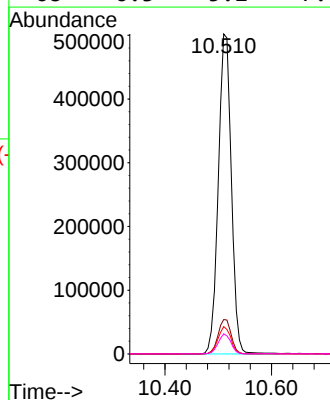
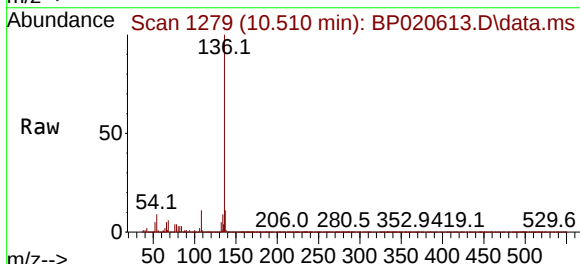
Instrument :
BNA_P
ClientSampleId :
72-11985

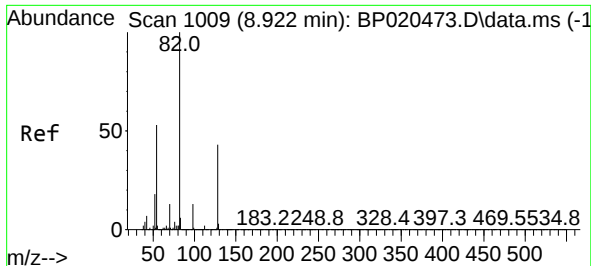
Tgt Ion: 99 Resp: 1838237
Ion Ratio Lower Upper
99 100
42 16.8 15.0 22.4
71 34.2 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.024 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

Tgt Ion:136 Resp: 850988
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.6 7.4 11.0
68 6.3 5.2 7.8

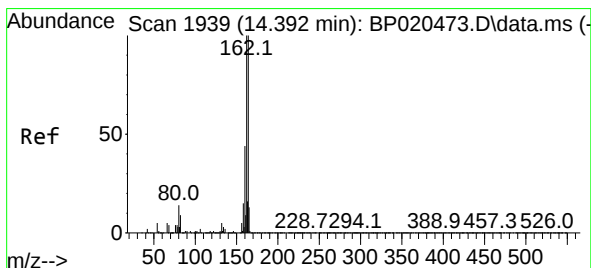
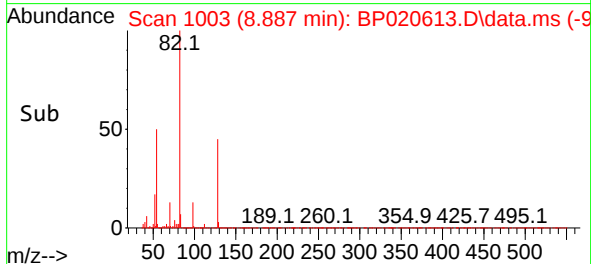
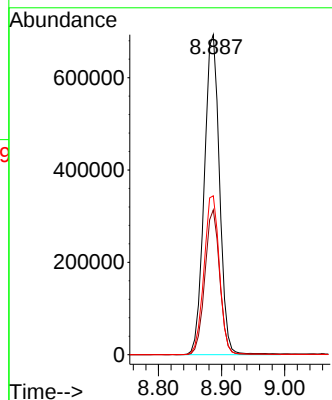
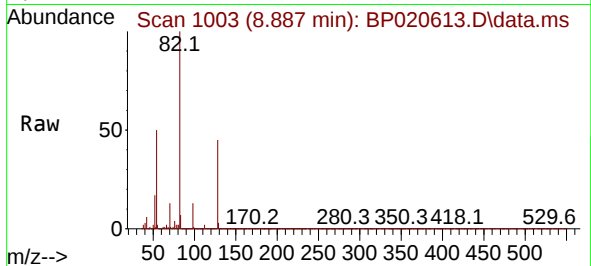




#23
Nitrobenzene-d5
Concen: 74.886 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.035 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

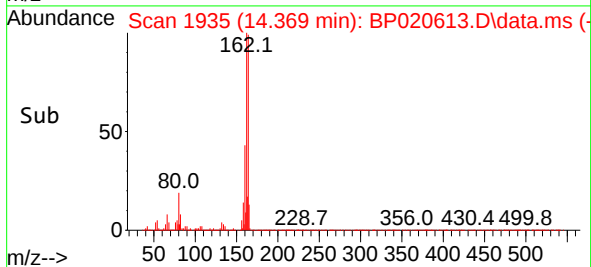
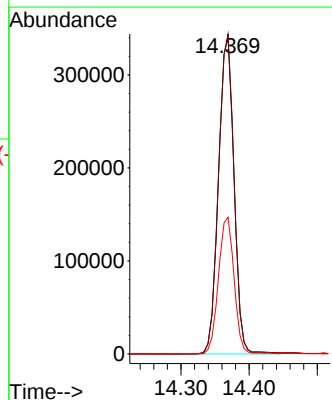
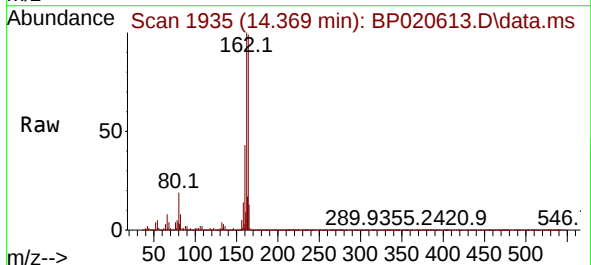
Instrument :
BNA_P
ClientSampleId :
72-11985

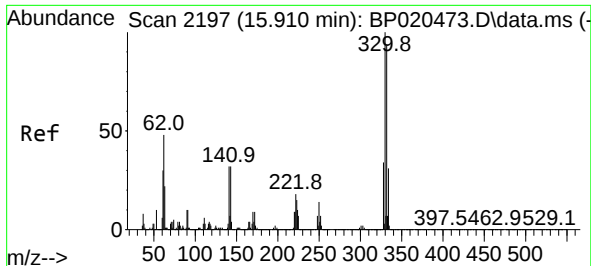
Tgt Ion: 82 Resp: 1164173
Ion Ratio Lower Upper
82 100
128 45.2 34.2 51.4
54 49.7 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1935
Delta R.T. -0.023 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

Tgt Ion:164 Resp: 539354
Ion Ratio Lower Upper
164 100
162 101.2 80.3 120.5
160 43.2 35.4 53.2

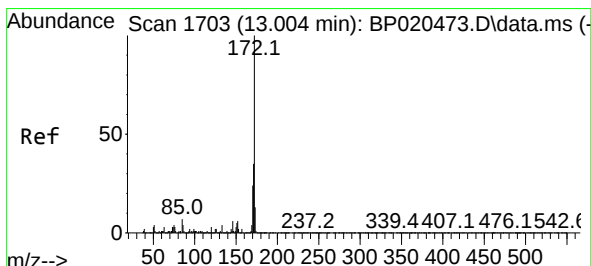
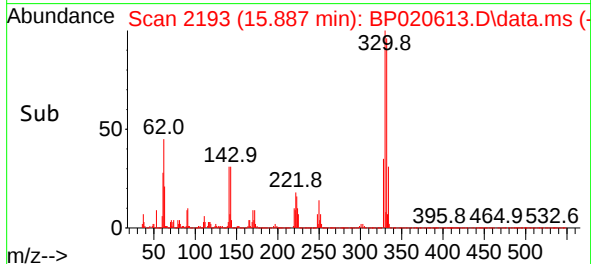
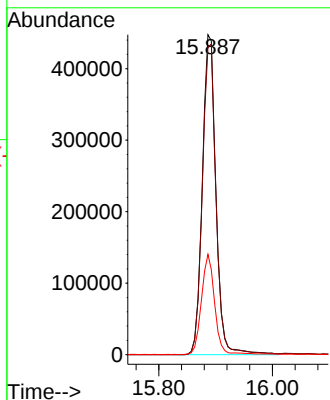
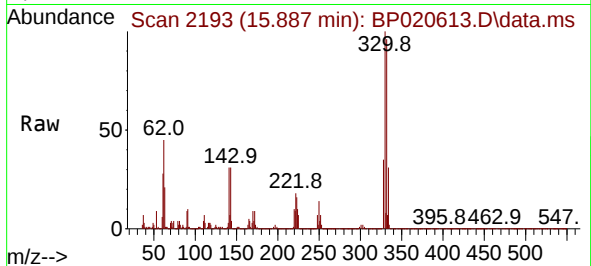




#42
2,4,6-Tribromophenol
Concen: 132.558 ng
RT: 15.887 min Scan# 2197
Delta R.T. -0.023 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

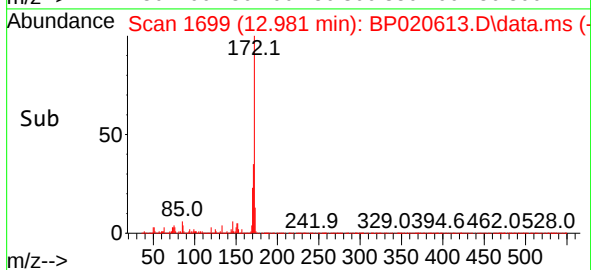
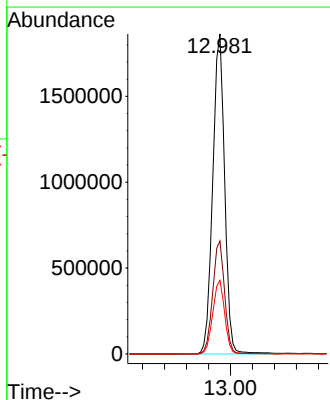
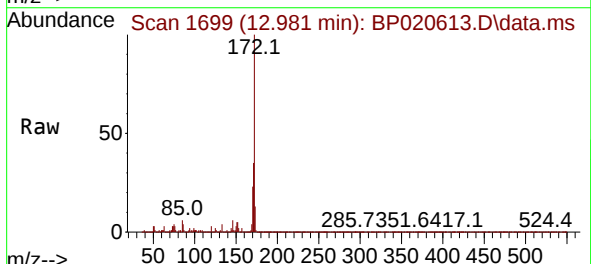
Instrument :
BNA_P
ClientSampleId :
72-11985

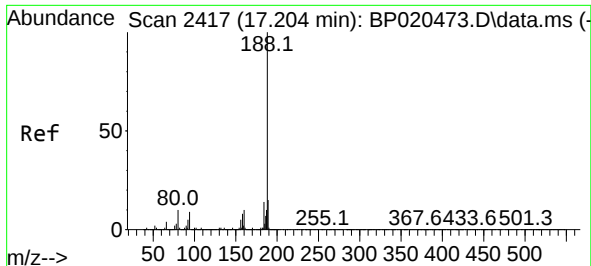
Tgt Ion:330 Resp: 741989
Ion Ratio Lower Upper
330 100
332 97.5 76.6 114.8
141 30.5 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 77.723 ng
RT: 12.981 min Scan# 1699
Delta R.T. -0.024 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

Tgt Ion:172 Resp: 2812077
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.0 18.9 28.3

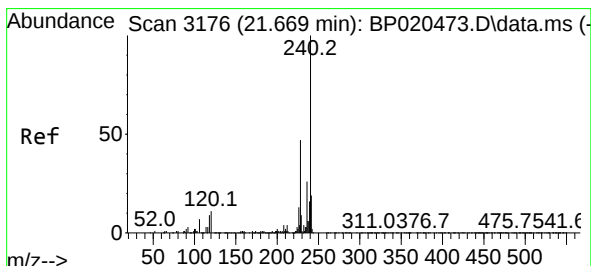
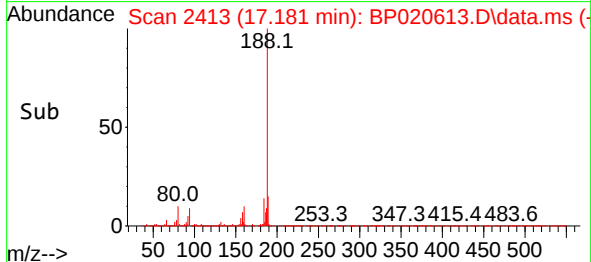
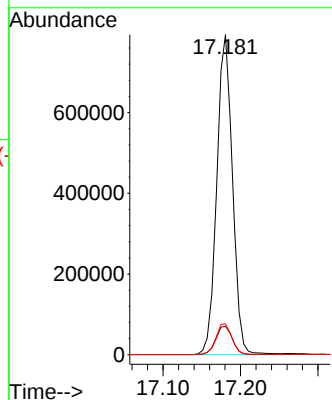
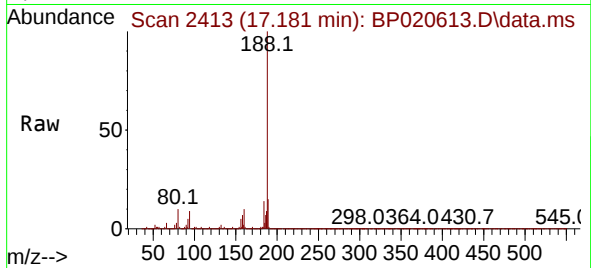




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2417
Delta R.T. -0.024 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

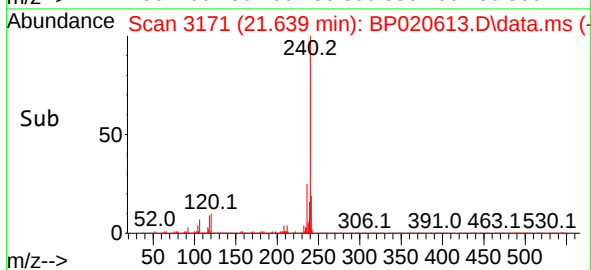
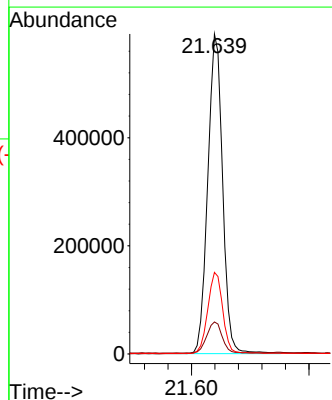
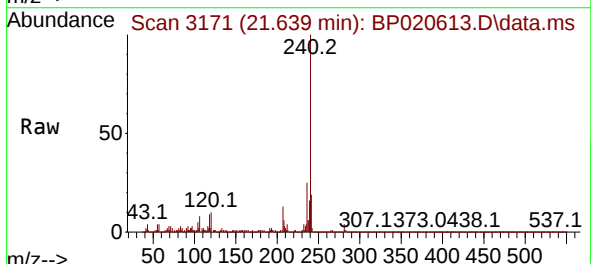
Instrument :
BNA_P
ClientSampleId :
72-11985

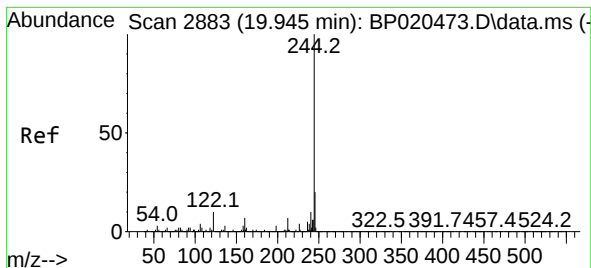
Tgt Ion:188 Resp: 1117836
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3171
Delta R.T. -0.029 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

Tgt Ion:240 Resp: 1032311
Ion Ratio Lower Upper
240 100
120 10.0 8.5 12.7
236 25.5 20.5 30.7





#79

Terphenyl-d14

Concen: 71.509 ng

RT: 19.910 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP020613.D

Acq: 13 Jun 2024 15:54

Instrument :

BNA_P

ClientSampleId :

72-11985

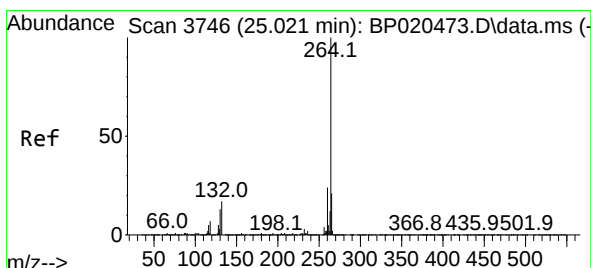
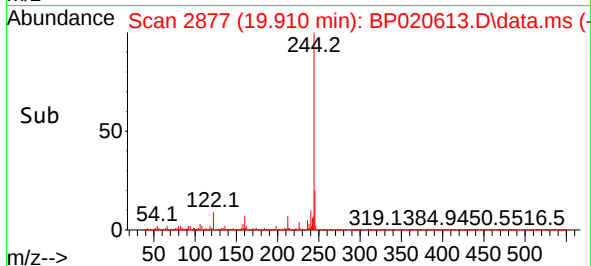
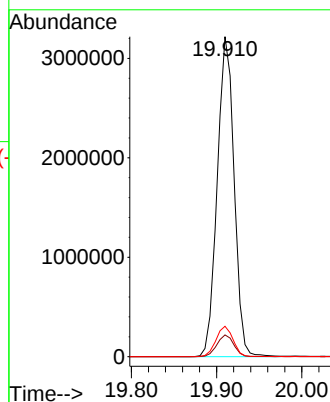
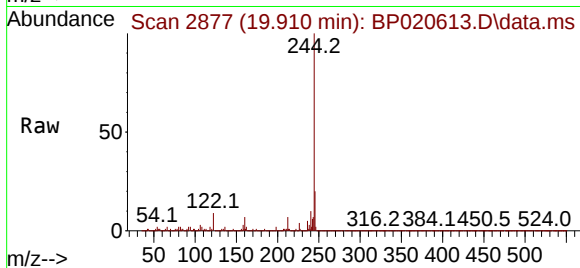
Tgt Ion:244 Resp: 4434363

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 9.5 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 3740

Delta R.T. -0.035 min

Lab File: BP020613.D

Acq: 13 Jun 2024 15:54

Tgt Ion:264 Resp: 1198420

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 22.6 17.4 26.0

