

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
 Data File : BP019802.D
 Acq On : 21 Feb 2024 11:43
 Operator : MA/JU
 Sample : PB159144BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159144BL

Quant Time: Feb 21 12:07:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	71307	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	251918	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	159565	20.000	ng	-0.01
64) Phenanthrene-d10	17.286	188	388730	20.000	ng	0.00
76) Chrysene-d12	21.380	240	432120	20.000	ng	#-0.01
86) Perylene-d12	23.798	264	497111	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	529546	119.706	ng	0.00
7) Phenol-d6	7.069	99	646962	108.463	ng	0.00
23) Nitrobenzene-d5	9.063	82	455652	78.375	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	363620	156.076	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1039465	80.532	ng	0.00
79) Terphenyl-d14	19.857	244	2160790	82.234	ng	0.00

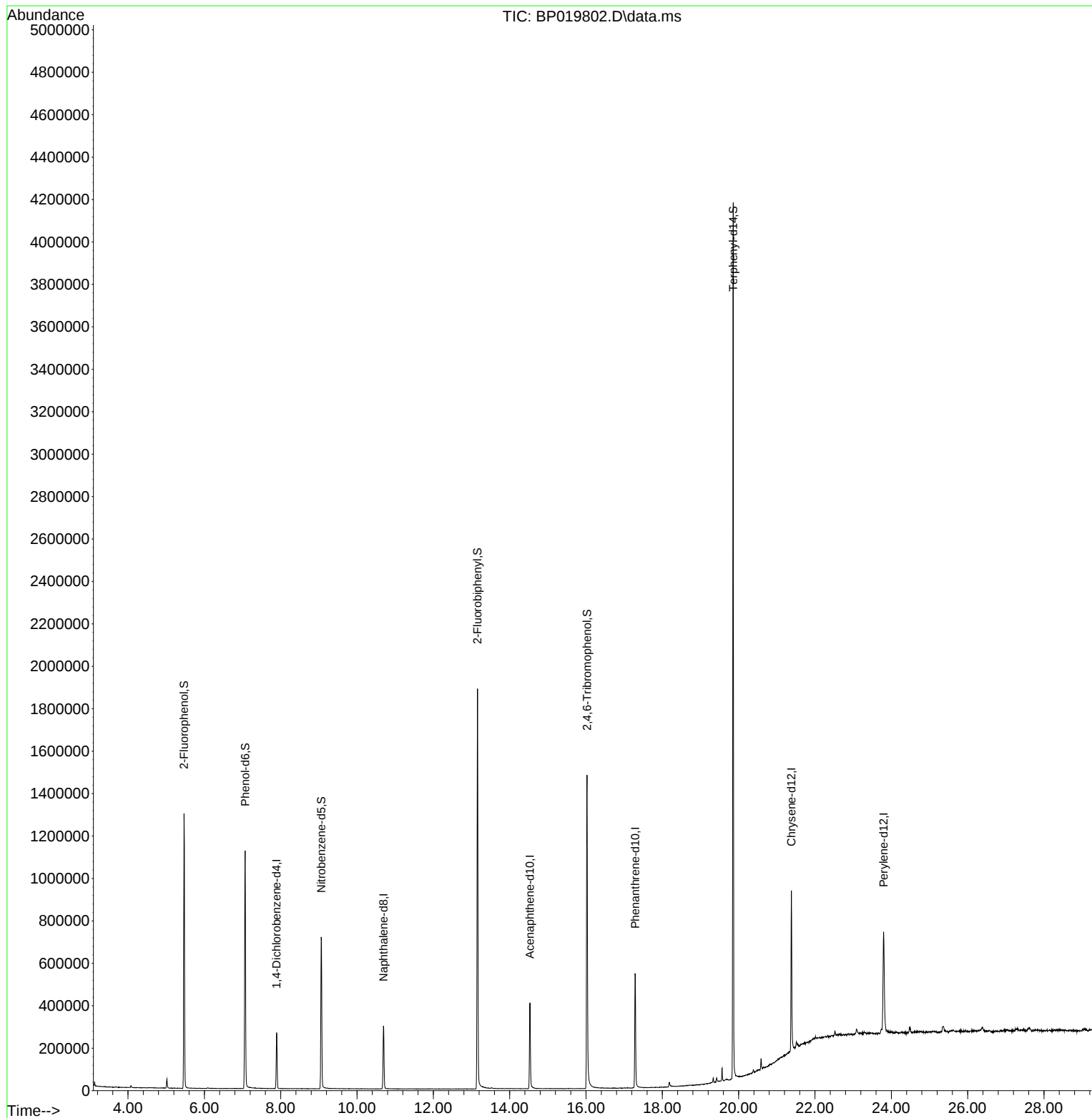
Target Compounds	Qvalue

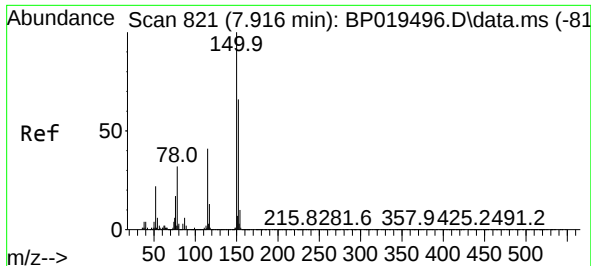
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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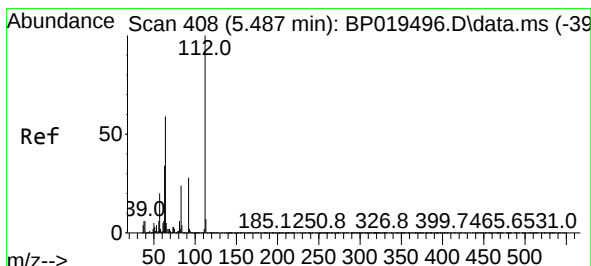
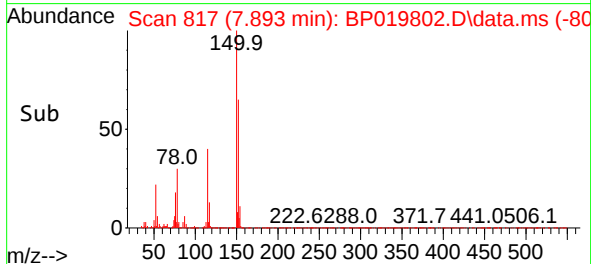
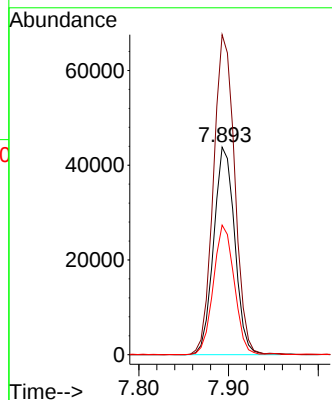
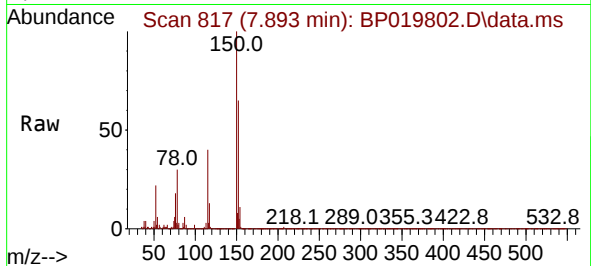




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019802.D
Acq: 21 Feb 2024 11:43

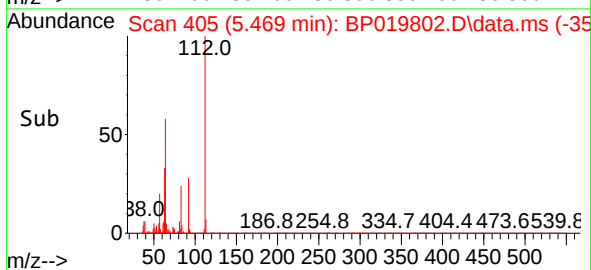
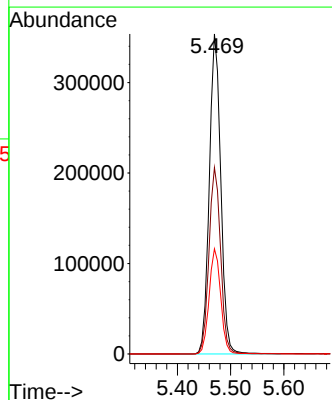
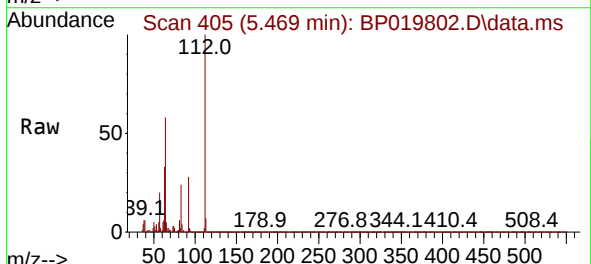
Instrument :
BNA_P
ClientSampleId :
PB159144BL

Tgt Ion:152 Resp: 71307
Ion Ratio Lower Upper
152 100
150 154.2 121.8 182.8
115 62.4 49.9 74.9



#5
2-Fluorophenol
Concen: 119.706 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019802.D
Acq: 21 Feb 2024 11:43

Tgt Ion:112 Resp: 529546
Ion Ratio Lower Upper
112 100
64 58.3 47.4 71.0
63 32.8 27.0 40.6

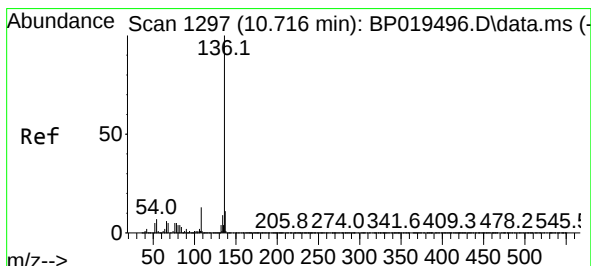
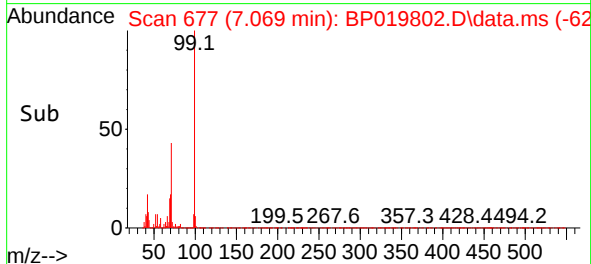
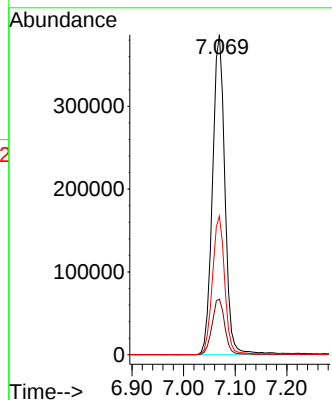
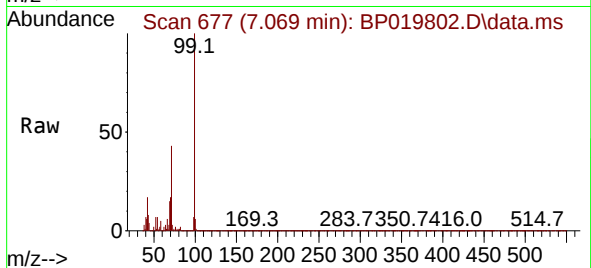




#7
Phenol-d6
Concen: 108.463 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019802.D
Acq: 21 Feb 2024 11:43

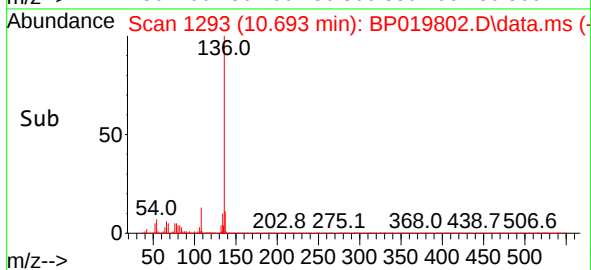
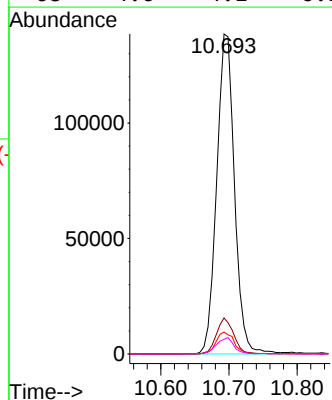
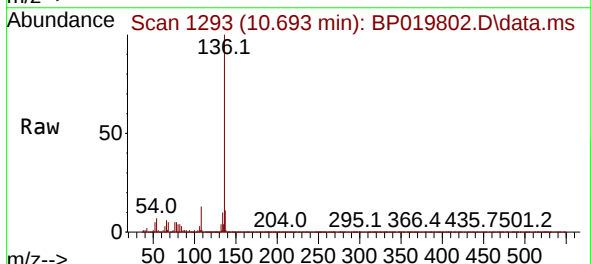
Instrument :
BNA_P
ClientSampleId :
PB159144BL

Tgt Ion: 99 Resp: 646962
Ion Ratio Lower Upper
99 100
42 17.3 14.7 22.1
71 43.3 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019802.D
Acq: 21 Feb 2024 11:43

Tgt Ion: 136 Resp: 251918
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.9 5.3 7.9
68 4.6 4.1 6.1

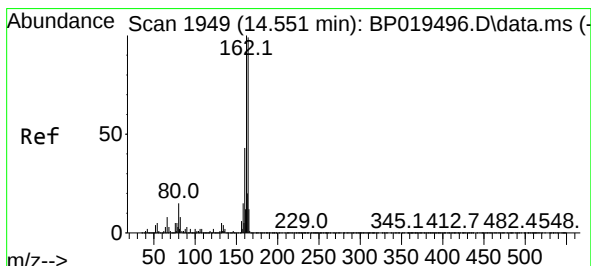
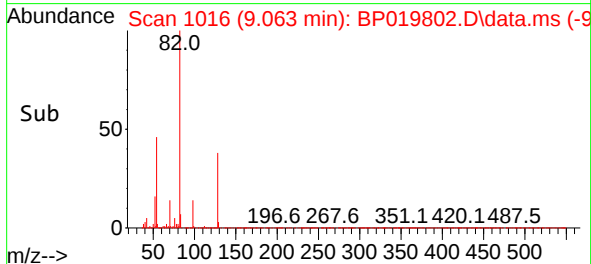
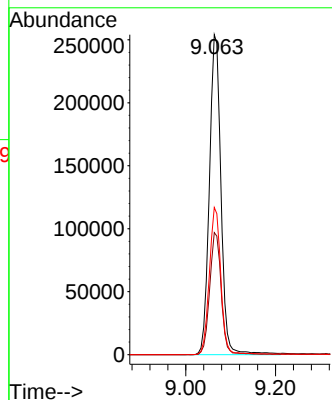
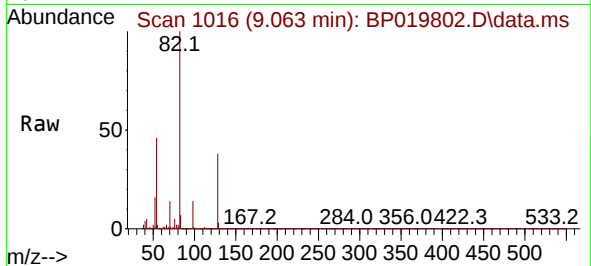




#23
Nitrobenzene-d5
Concen: 78.375 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019802.D
Acq: 21 Feb 2024 11:43

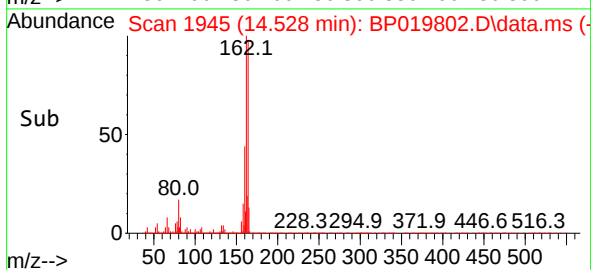
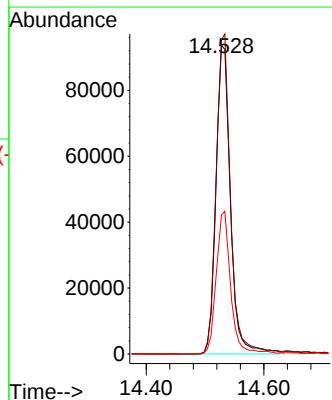
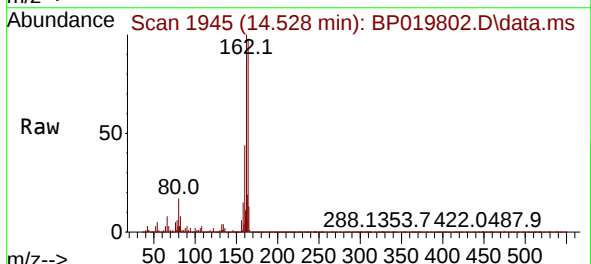
Instrument :
BNA_P
ClientSampleId :
PB159144BL

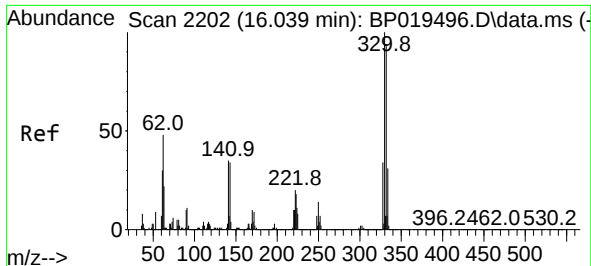
Tgt Ion: 82 Resp: 455652
Ion Ratio Lower Upper
82 100
128 38.2 29.7 44.5
54 46.0 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019802.D
Acq: 21 Feb 2024 11:43

Tgt Ion: 164 Resp: 159565
Ion Ratio Lower Upper
164 100
162 101.9 81.2 121.8
160 45.1 35.1 52.7

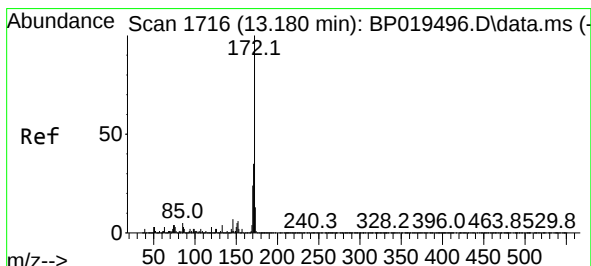
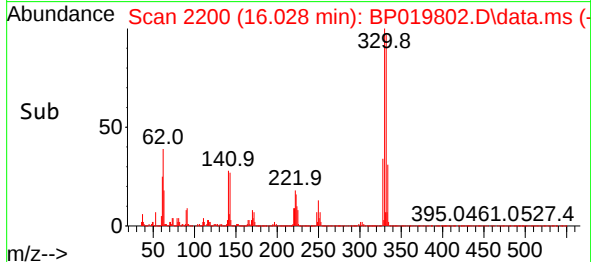
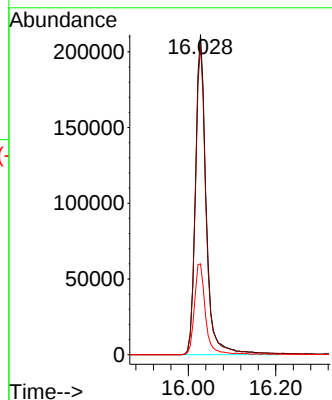
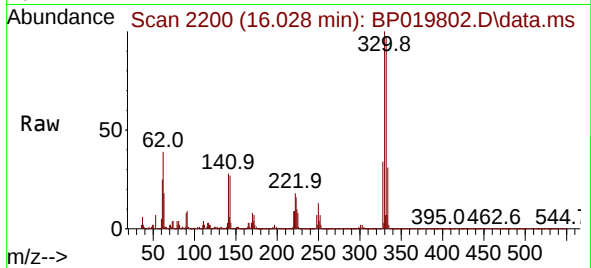




#42
2,4,6-Tribromophenol
Concen: 156.076 ng
RT: 16.028 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019802.D
Acq: 21 Feb 2024 11:43

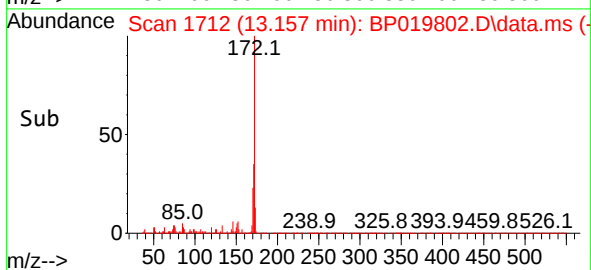
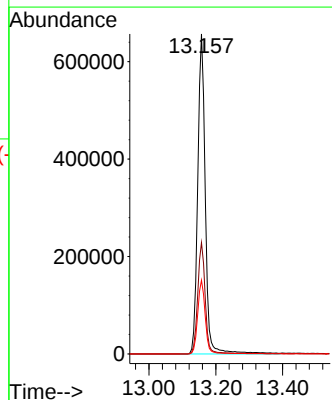
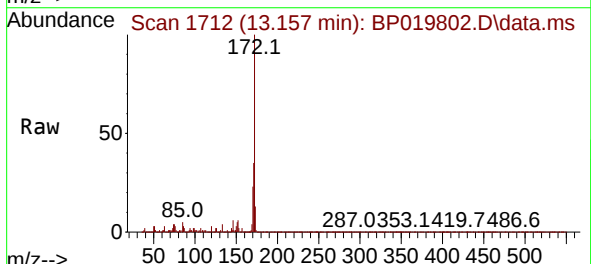
Instrument :
BNA_P
ClientSampleId :
PB159144BL

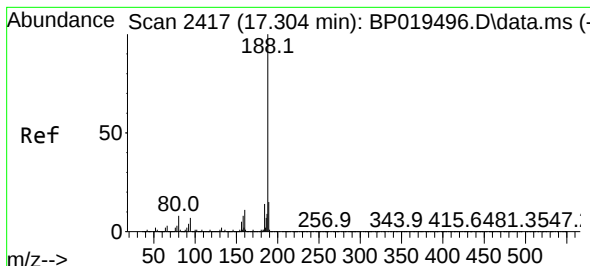
Tgt Ion:330 Resp: 363620
Ion Ratio Lower Upper
330 100
332 95.4 77.2 115.8
141 28.7 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 80.532 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP019802.D
Acq: 21 Feb 2024 11:43

Tgt Ion:172 Resp: 1039465
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BP019802.D

Acq: 21 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB159144BL

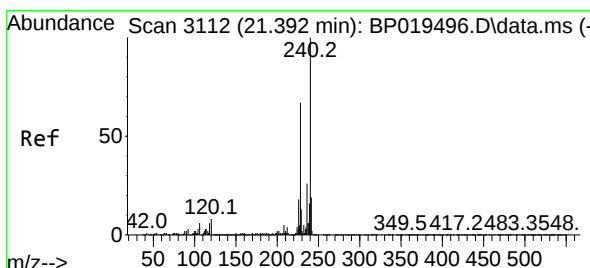
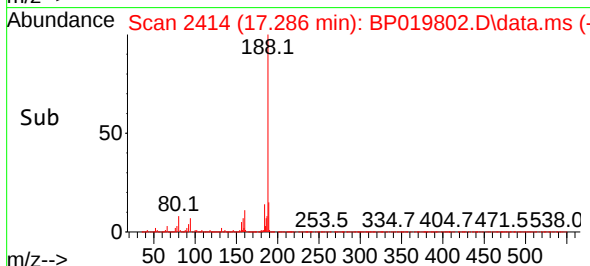
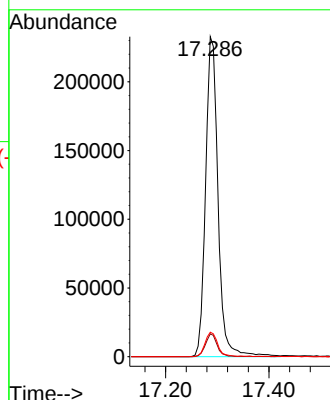
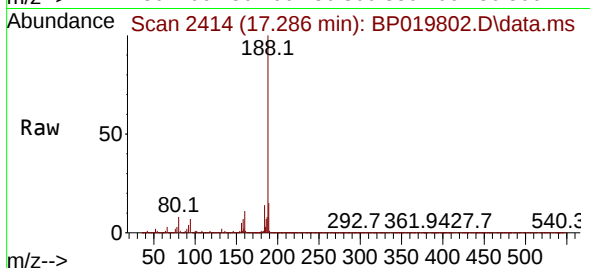
Tgt Ion:188 Resp: 388730

Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 7.6 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019802.D

Acq: 21 Feb 2024 11:43

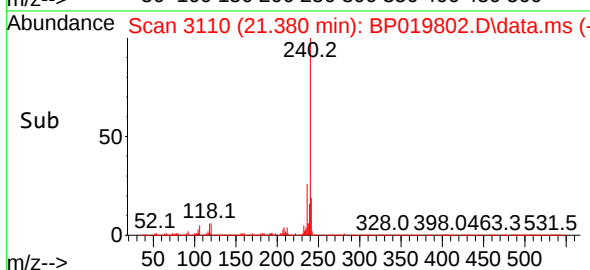
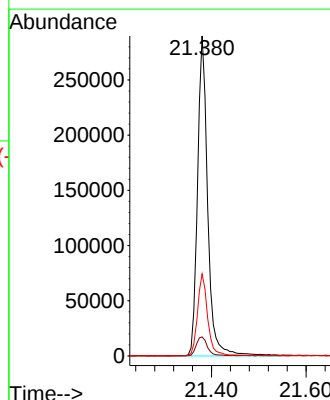
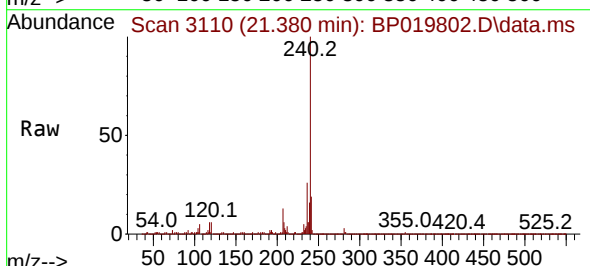
Tgt Ion:240 Resp: 432120

Ion Ratio Lower Upper

240 100

120 5.9 6.1 9.1#

236 25.7 20.7 31.1



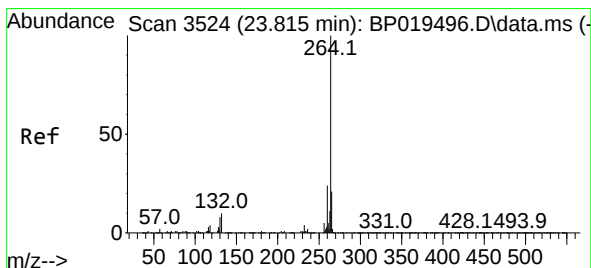
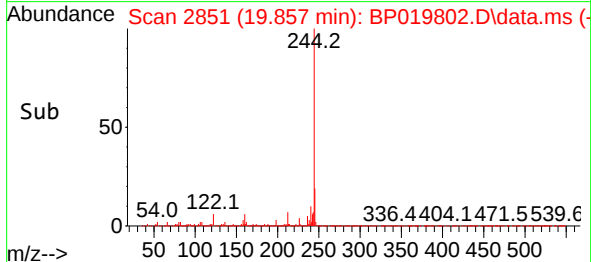
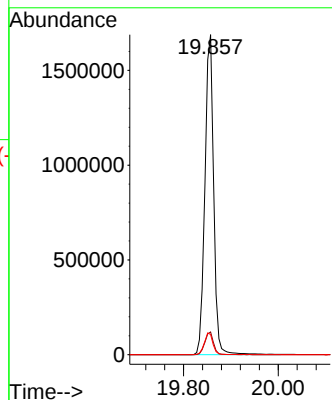
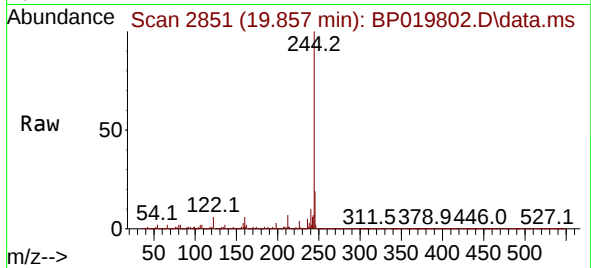


#79
 Terphenyl-d14
 Concen: 82.234 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019802.D
 Acq: 21 Feb 2024 11:43

Instrument :
 BNA_P
 ClientSampleId :
 PB159144BL

Tgt Ion:244 Resp: 2160790

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	6.3	5.9	8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.798 min Scan# 3521
 Delta R.T. -0.012 min
 Lab File: BP019802.D
 Acq: 21 Feb 2024 11:43

Tgt Ion:264 Resp: 497111

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.2	17.0	25.4

