

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
 Data File : BP013935.D
 Acq On : 02 Mar 2023 22:30
 Operator : CG/JU
 Sample : 01749-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CF-12

Quant Time: Mar 03 02:42:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 02 04:26:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	106961	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	424615	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	273815	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	632475	20.000	ng	0.00
76) Chrysene-d12	21.563	240	602786	20.000	ng	# 0.00
86) Perylene-d12	24.110	264	695168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	589897	90.894	ng	0.00
7) Phenol-d6	7.246	99	782966	94.199	ng	0.00
23) Nitrobenzene-d5	9.263	82	497374	63.253	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	368855	92.541	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	1121677	53.806	ng	0.00
79) Terphenyl-d14	20.016	244	1839118	58.702	ng	0.00

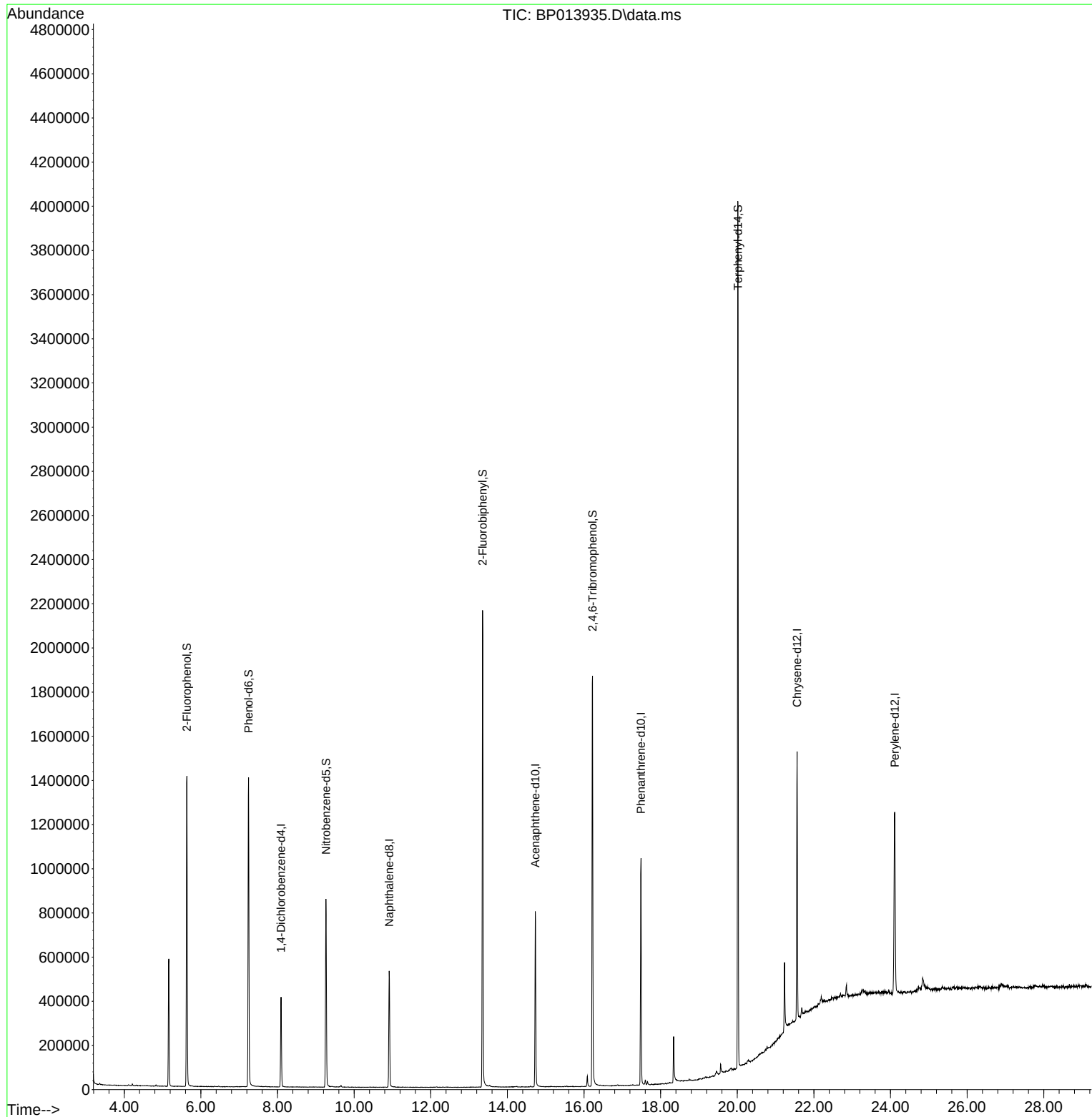
Target Compounds Qvalue

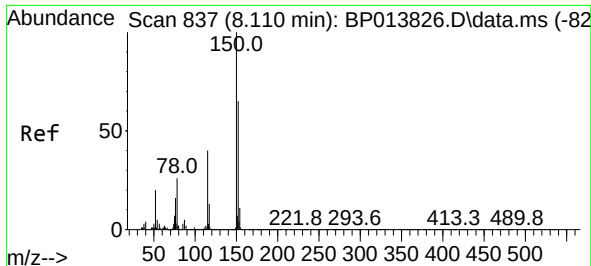
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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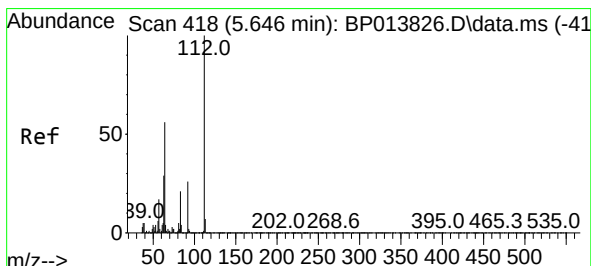
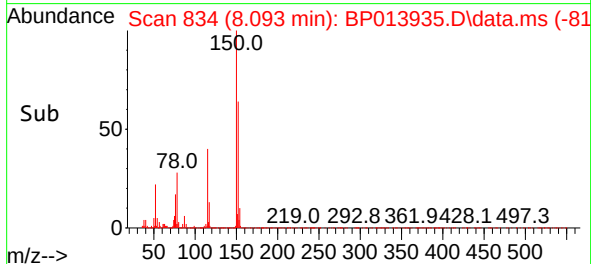
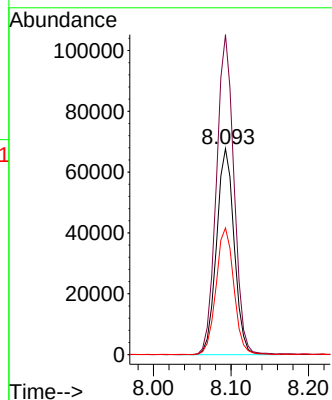
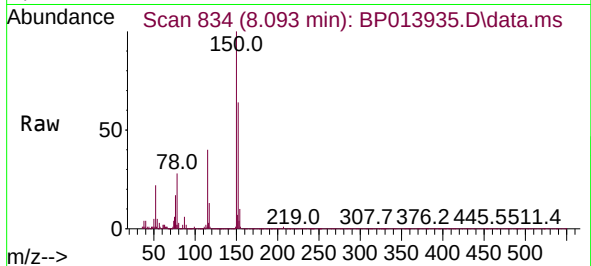




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013935.D
Acq: 02 Mar 2023 22:30

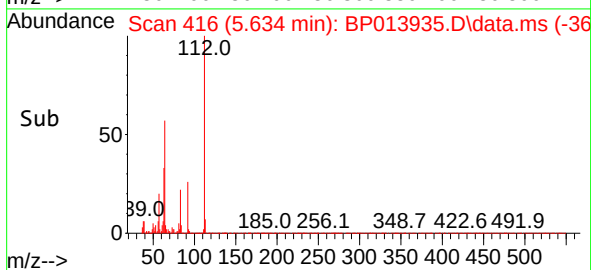
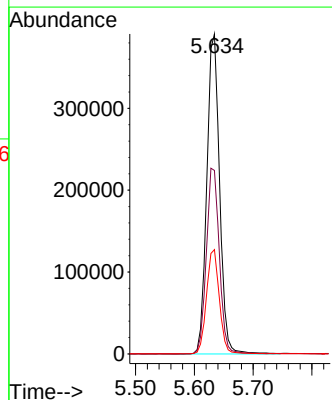
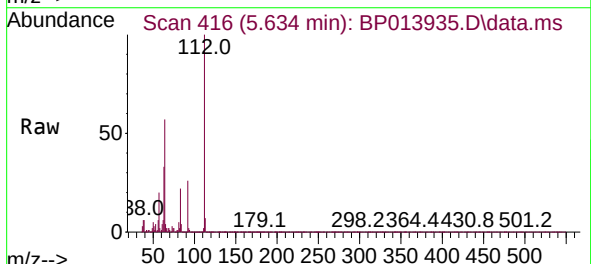
Instrument :
BNA_P
ClientSampleId :
CF-12

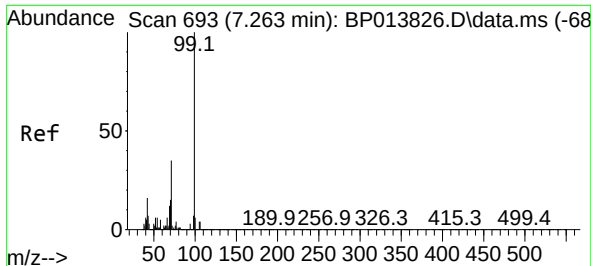
Tgt Ion:152 Resp: 106961
Ion Ratio Lower Upper
152 100
150 155.3 122.8 184.2
115 61.5 49.0 73.6



#5
2-Fluorophenol
Concen: 90.894 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP013935.D
Acq: 02 Mar 2023 22:30

Tgt Ion:112 Resp: 589897
Ion Ratio Lower Upper
112 100
64 57.3 44.6 66.8
63 32.6 23.6 35.4

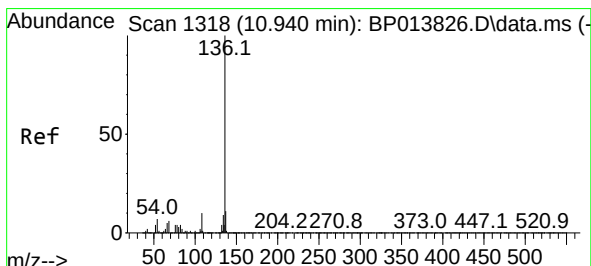
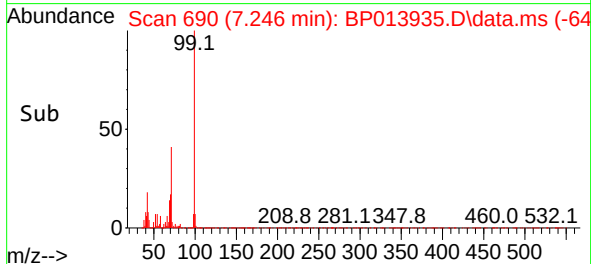
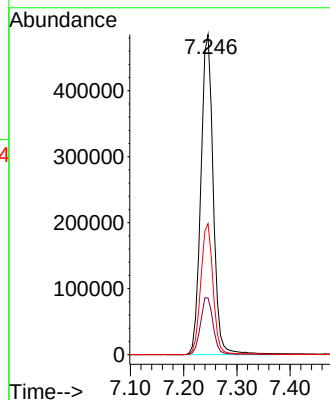
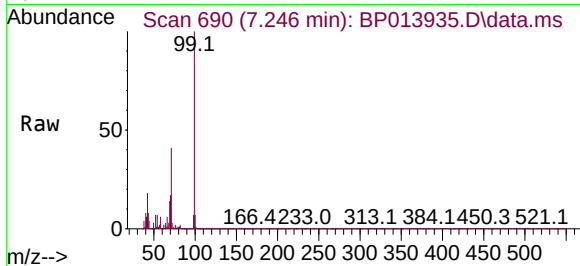




#7
Phenol-d6
Concen: 94.199 ng
RT: 7.246 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP013935.D
Acq: 02 Mar 2023 22:30

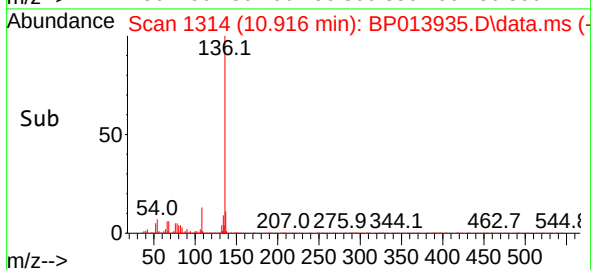
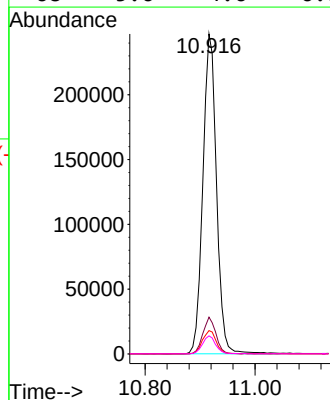
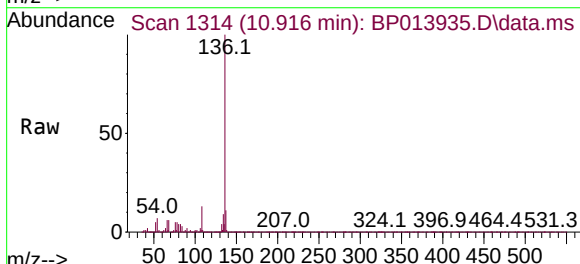
Instrument :
BNA_P
ClientSampleId :
CF-12

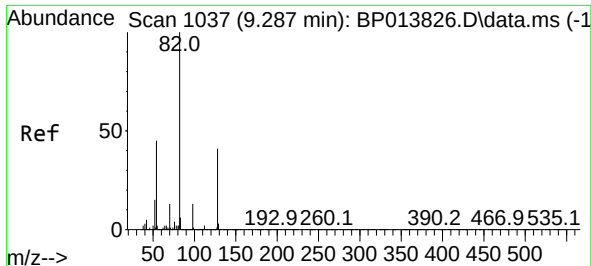
Tgt Ion:	99	Resp:	782966
Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.5	18.7
71	40.9	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013935.D
Acq: 02 Mar 2023 22:30

Tgt Ion:	136	Resp:	424615
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	7.3	5.8	8.6
68	5.6	4.6	6.8

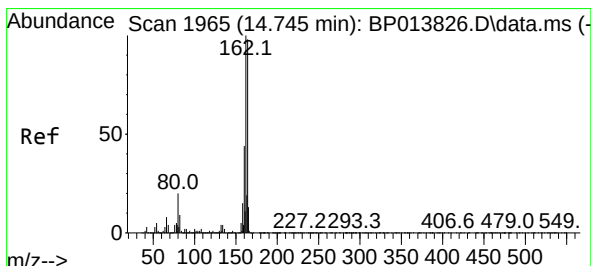
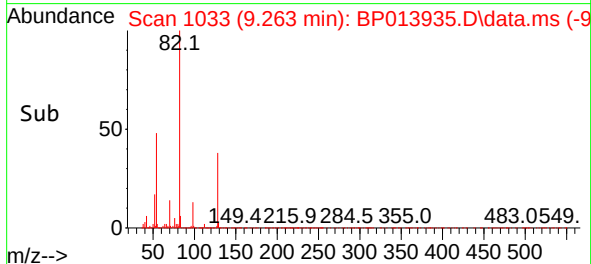
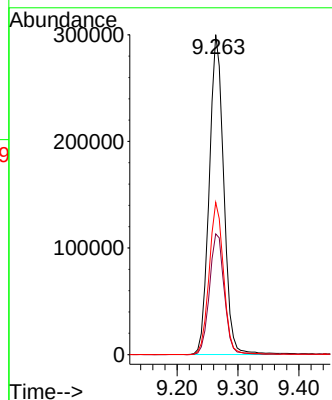
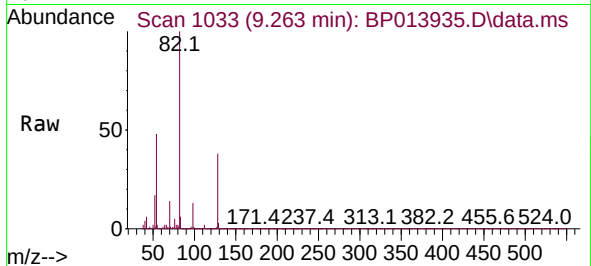




#23
Nitrobenzene-d5
Concen: 63.253 ng
RT: 9.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BP013935.D
Acq: 02 Mar 2023 22:30

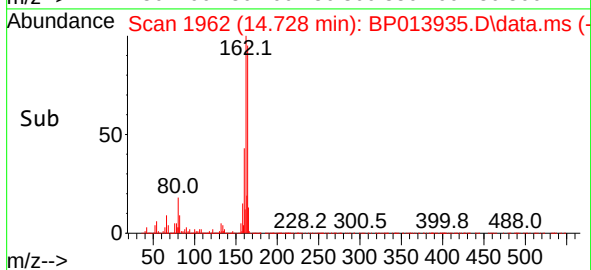
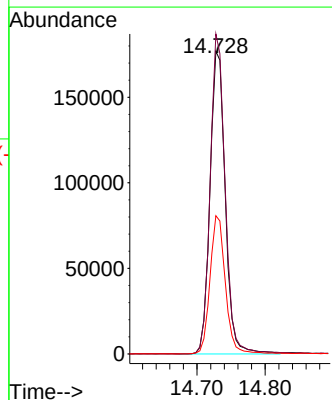
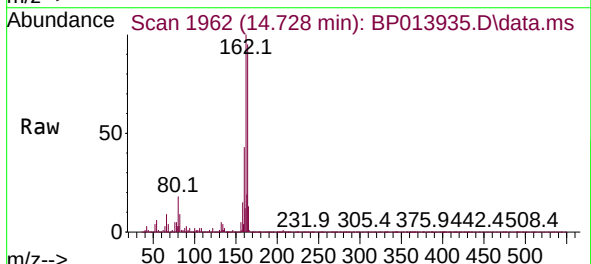
Instrument :
BNA_P
ClientSampleId :
CF-12

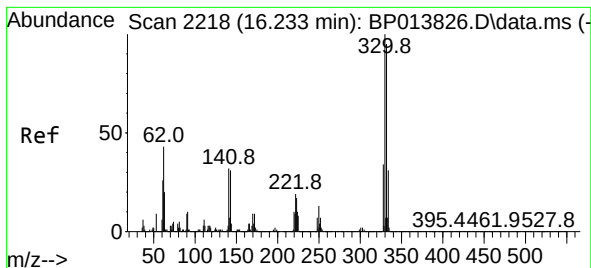
Tgt Ion: 82 Resp: 497374
Ion Ratio Lower Upper
82 100
128 37.7 32.9 49.3
54 47.6 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP013935.D
Acq: 02 Mar 2023 22:30

Tgt Ion: 164 Resp: 273815
Ion Ratio Lower Upper
164 100
162 105.7 81.7 122.5
160 45.7 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 92.541 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013935.D

Acq: 02 Mar 2023 22:30

Instrument :

BNA_P

ClientSampleId :

CF-12

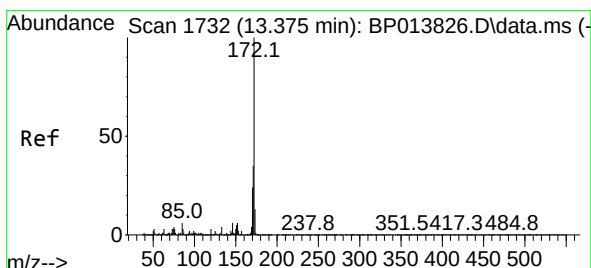
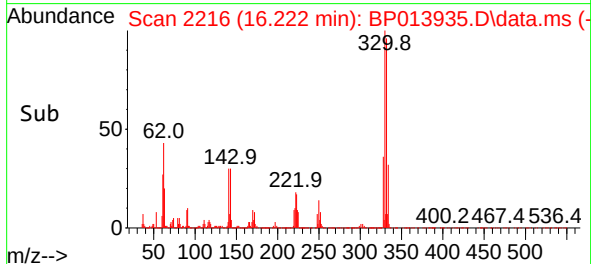
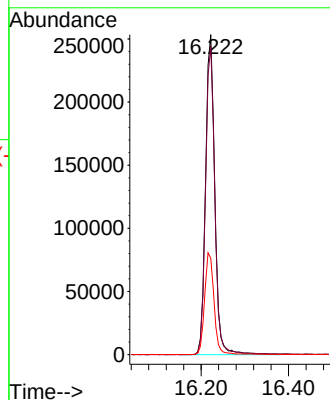
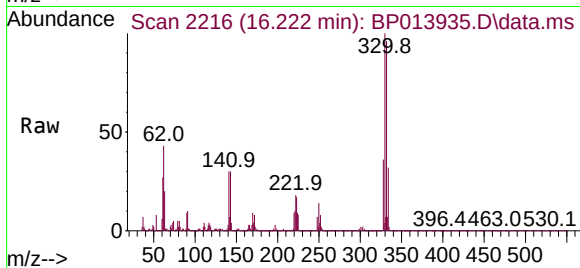
Tgt Ion:330 Resp: 368855

Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

141 32.6 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 53.806 ng

RT: 13.351 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BP013935.D

Acq: 02 Mar 2023 22:30

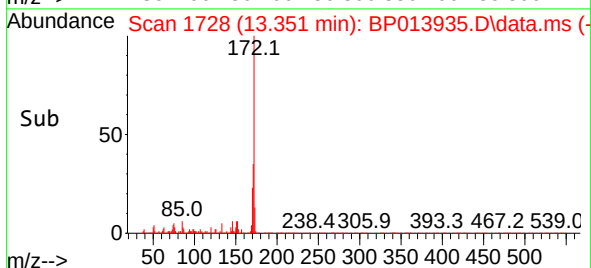
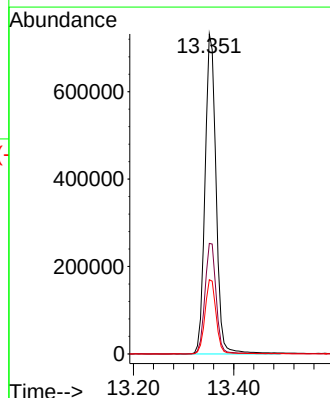
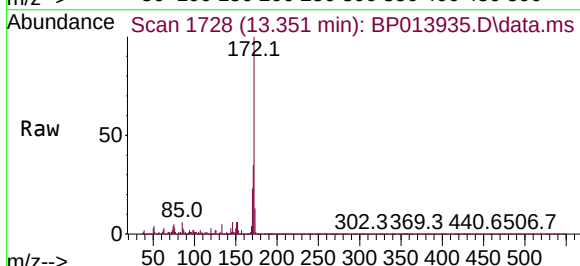
Tgt Ion:172 Resp: 1121677

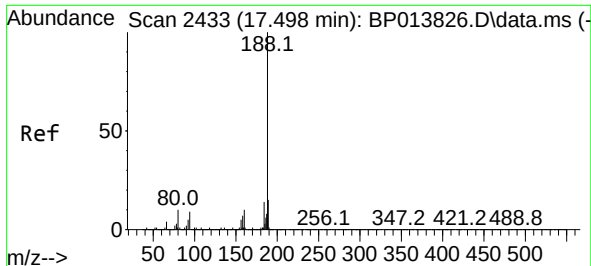
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 23.2 19.0 28.4

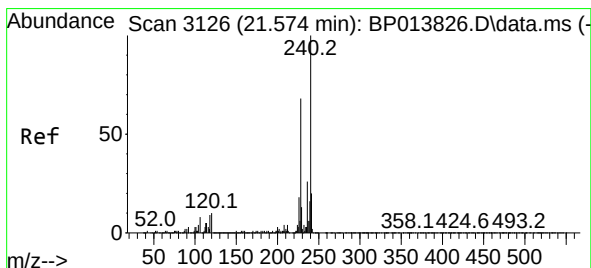
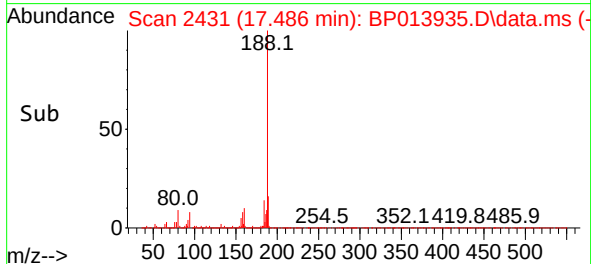
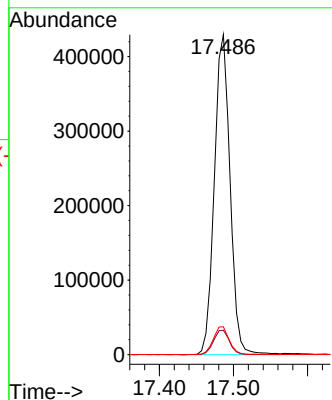
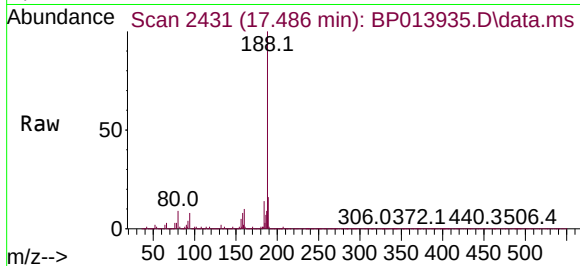




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP013935.D
Acq: 02 Mar 2023 22:30

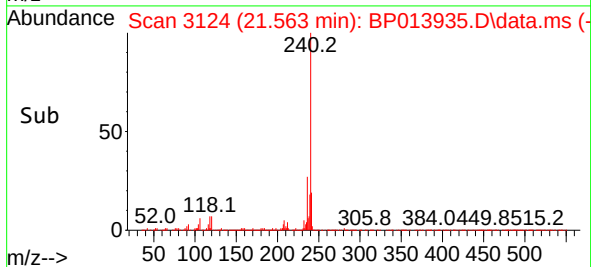
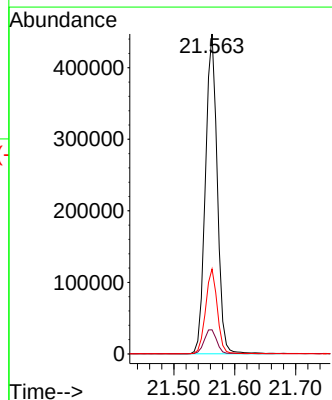
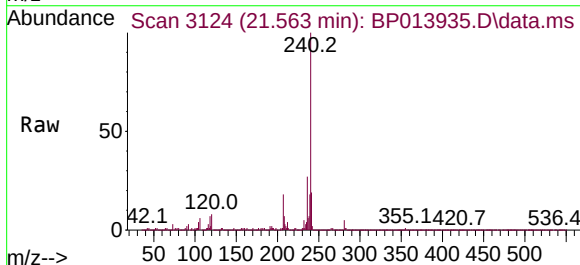
Instrument :
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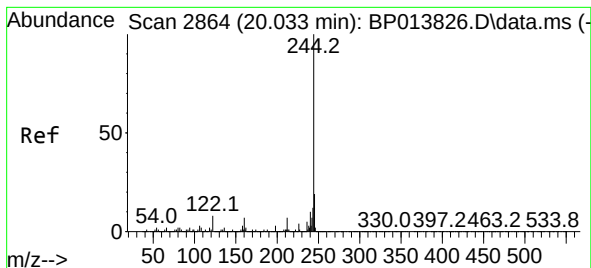
Tgt Ion:188 Resp: 632475
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.7 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP013935.D
Acq: 02 Mar 2023 22:30

Tgt Ion:240 Resp: 602786
Ion Ratio Lower Upper
240 100
120 7.6 7.9 11.9#
236 26.5 20.9 31.3





#79

Terphenyl-d14

Concen: 58.702 ng

RT: 20.016 min Scan# 2861

Delta R.T. -0.006 min

Lab File: BP013935.D

Acq: 02 Mar 2023 22:30

Instrument :

BNA_P

ClientSampleId :

CF-12

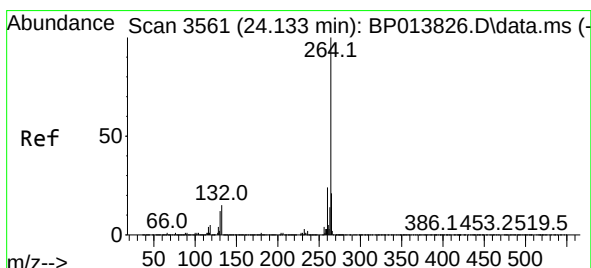
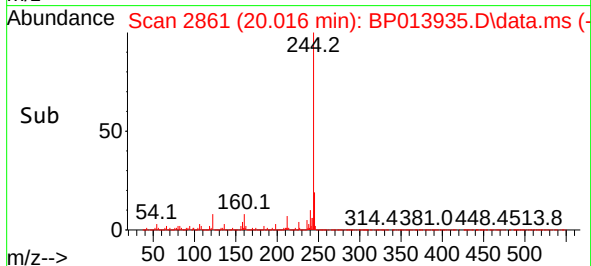
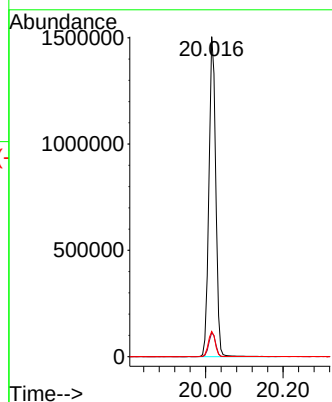
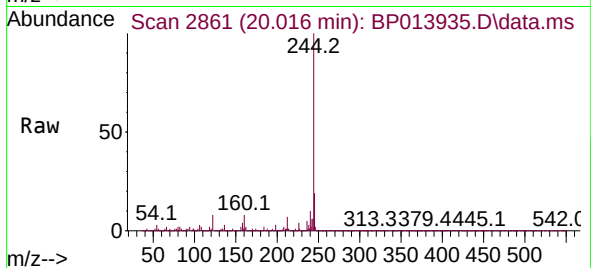
Tgt Ion:244 Resp: 1839118

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 7.9 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.110 min Scan# 3557

Delta R.T. -0.000 min

Lab File: BP013935.D

Acq: 02 Mar 2023 22:30

Tgt Ion:264 Resp: 695168

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.0

265 22.3 17.6 26.4

