

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
 Data File : BP012629.D
 Acq On : 12 Nov 2022 20:47
 Operator : CG/JU
 Sample : N5439-02RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 506D-4RE

Quant Time: Nov 14 03:22:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 13 22:44:57 2022
 Response via : Initial Calibration

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

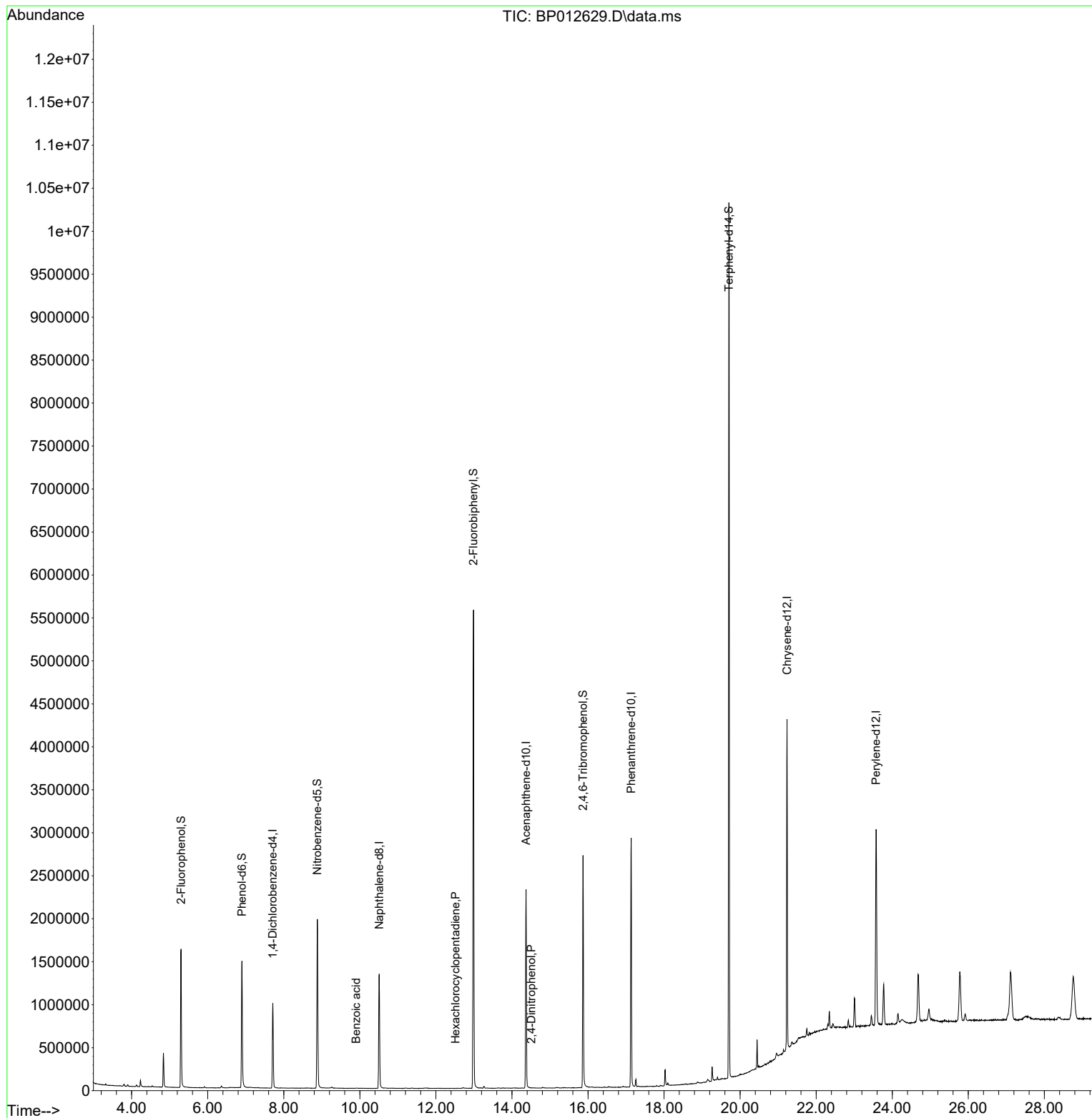
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	278214	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1171519	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	781979	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	1755076	20.000	ng	-0.01
76) Chrysene-d12	21.233	240	1815630	20.000	ng	-0.01
86) Perylene-d12	23.574	264	1748503	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	750246	50.213	ng	0.00
7) Phenol-d6	6.899	99	900825	43.436	ng	-0.01
23) Nitrobenzene-d5	8.881	82	1188245	56.271	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	536424	50.250	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	2893211	56.167	ng	-0.01
79) Terphenyl-d14	19.704	244	4904126	54.721	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.905	122	367	5.033	ng	# 1
41) Hexachlorocyclopentadiene	12.516	237	34	5.155	ng	90
54) 2,4-Dinitrophenol	14.510	184	30	4.843	ng	# 1

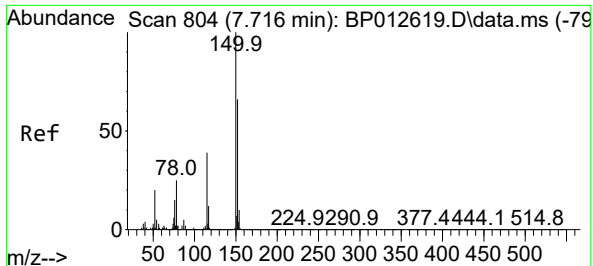
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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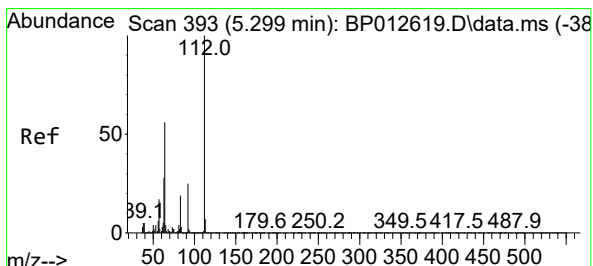
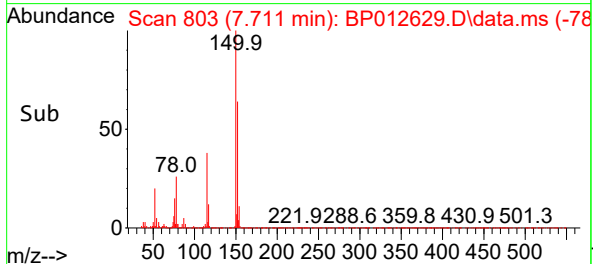
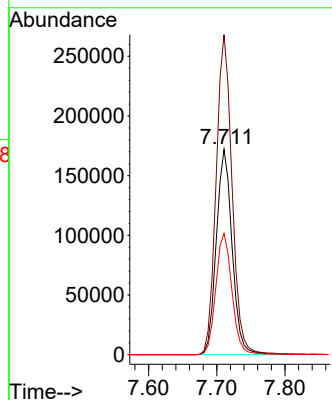
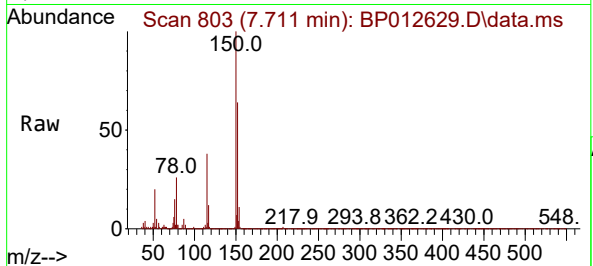




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 804
Delta R.T. -0.005 min
Lab File: BP012629.D
Acq: 12 Nov 2022 20:47

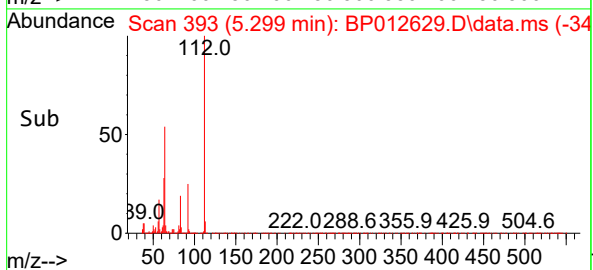
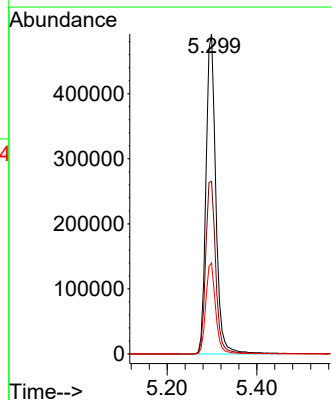
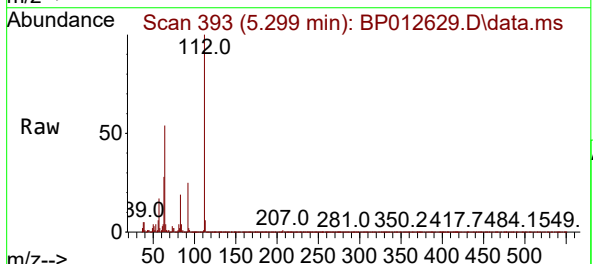
Instrument :
BNA_P
ClientSampleId :
506D-4RE

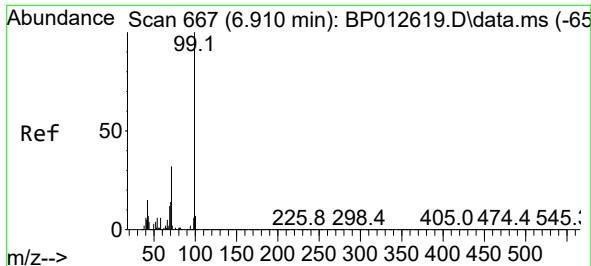
Tgt Ion:152 Resp: 278214
Ion Ratio Lower Upper
152 100
150 155.8 122.1 183.1
115 59.1 47.3 70.9



#5
2-Fluorophenol
Concen: 50.213 ng
RT: 5.299 min Scan# 393
Delta R.T. -0.000 min
Lab File: BP012629.D
Acq: 12 Nov 2022 20:47

Tgt Ion:112 Resp: 750246
Ion Ratio Lower Upper
112 100
64 54.0 44.6 67.0
63 28.4 22.8 34.2

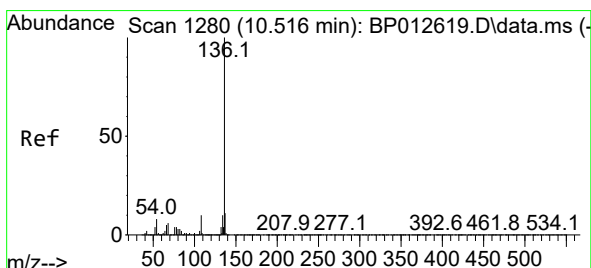
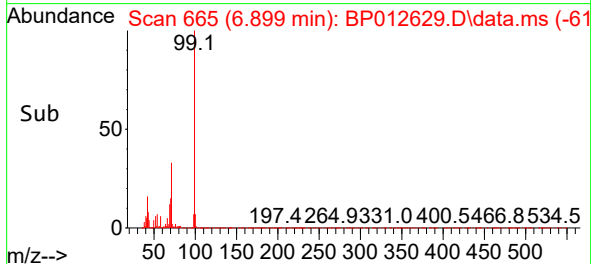
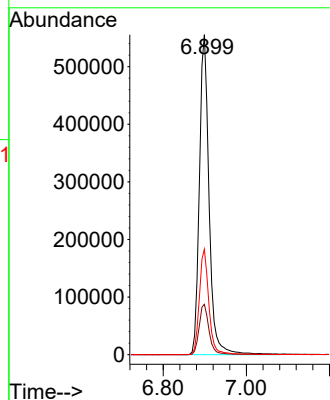
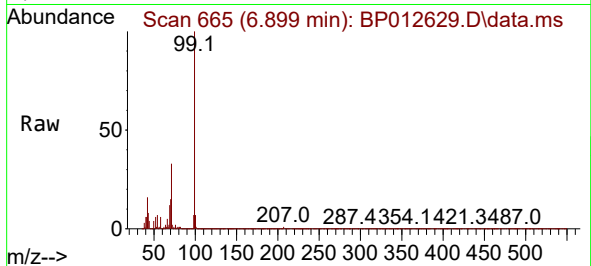




#7
Phenol-d6
Concen: 43.436 ng
RT: 6.899 min Scan# 60
Delta R.T. -0.011 min
Lab File: BP012629.D
Acq: 12 Nov 2022 20:47

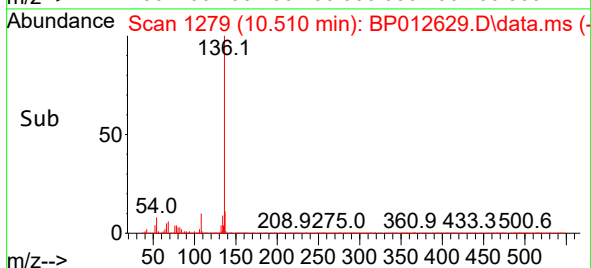
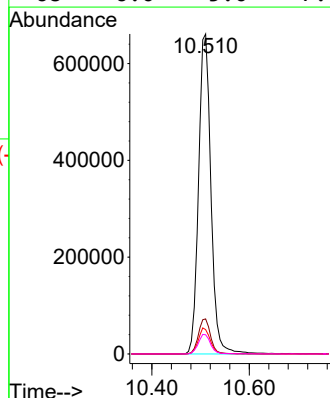
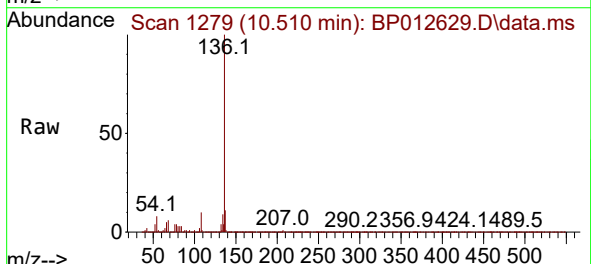
Instrument :
BNA_P
ClientSampleId :
506D-4RE

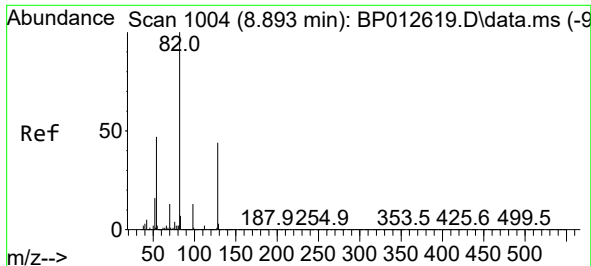
Tgt Ion: 99 Resp: 900825
Ion Ratio Lower Upper
99 100
42 15.8 12.2 18.2
71 32.9 26.0 39.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BP012629.D
Acq: 12 Nov 2022 20:47

Tgt Ion: 136 Resp: 1171519
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.6 6.4 9.6
68 6.0 5.0 7.6

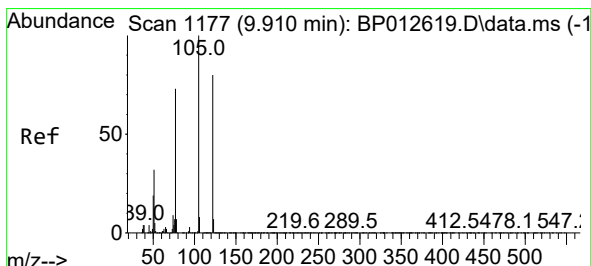
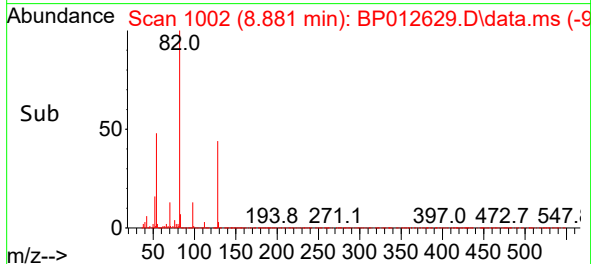
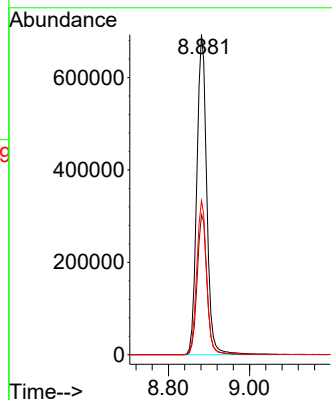
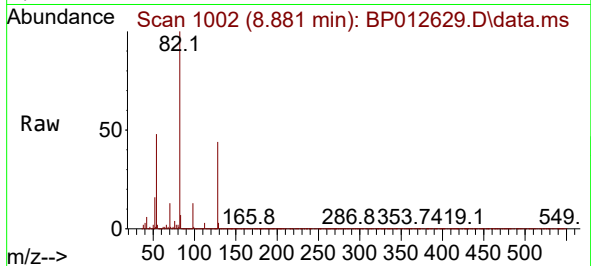




#23
Nitrobenzene-d5
Concen: 56.271 ng
RT: 8.881 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP012629.D
Acq: 12 Nov 2022 20:47

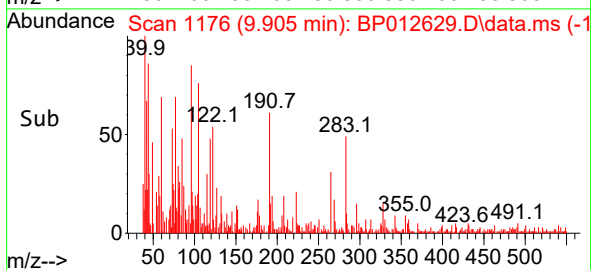
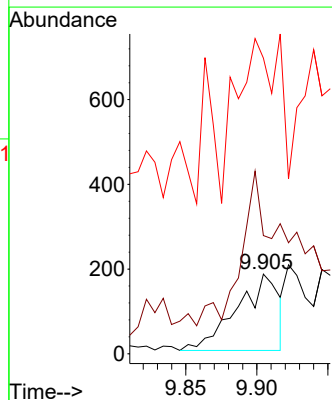
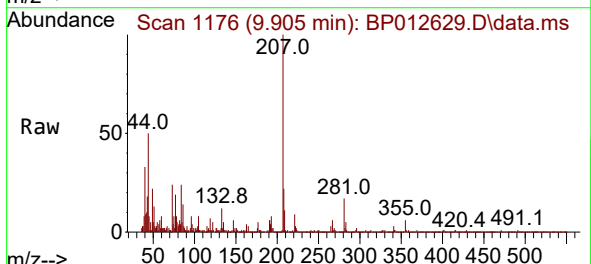
Instrument :
BNA_P
ClientSampleId :
506D-4RE

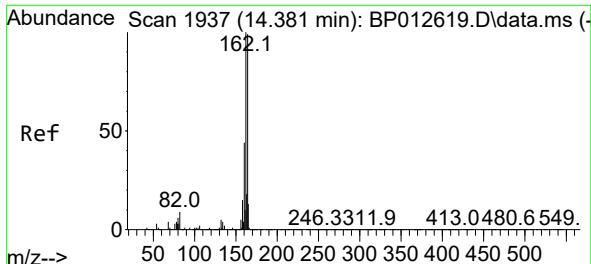
Tgt Ion: 82 Resp: 1188245
Ion Ratio Lower Upper
82 100
128 43.8 35.4 53.2
54 48.2 37.8 56.6



#32
Benzoic acid
Concen: 5.033 ng
RT: 9.905 min Scan# 1176
Delta R.T. -0.005 min
Lab File: BP012629.D
Acq: 12 Nov 2022 20:47

Tgt Ion:122 Resp: 367
Ion Ratio Lower Upper
122 100
105 148.4 102.2 142.2#
77 371.3 70.7 110.7#

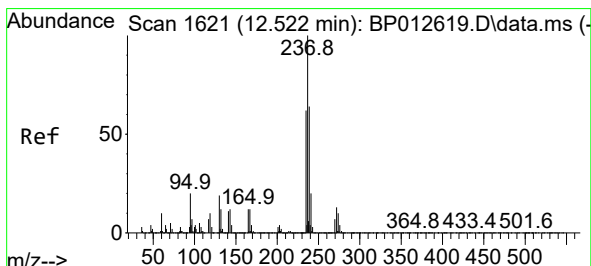
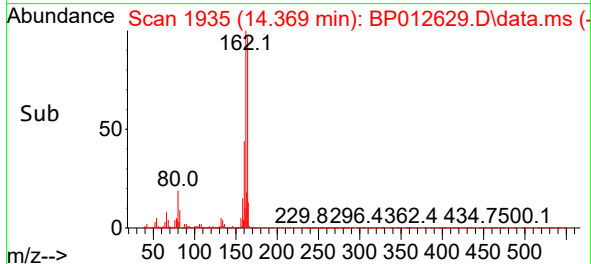
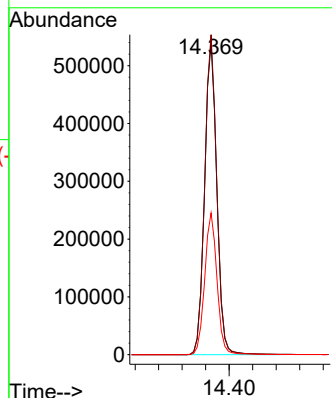
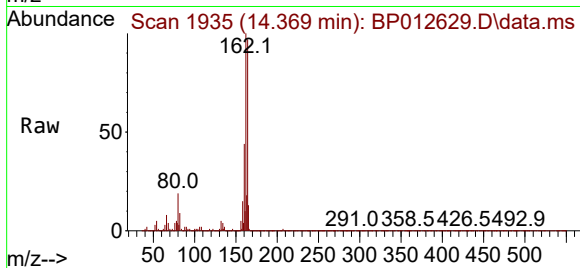




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BP012629.D
Acq: 12 Nov 2022 20:47

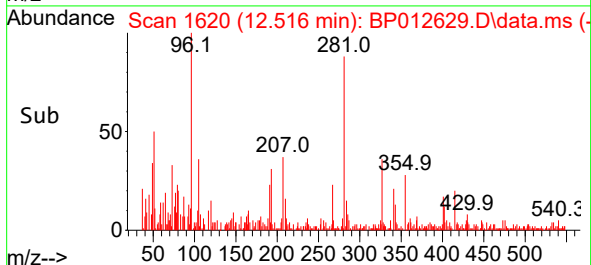
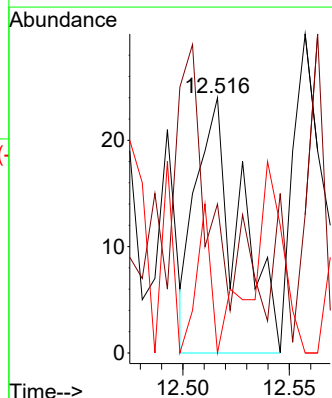
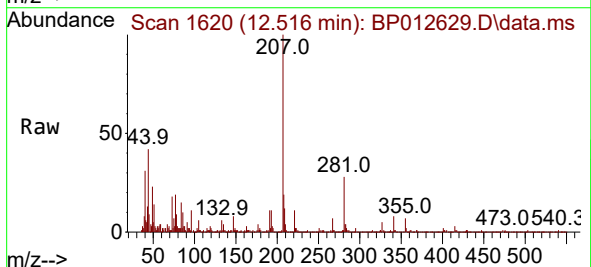
Instrument :
BNA_P
ClientSampleId :
506D-4RE

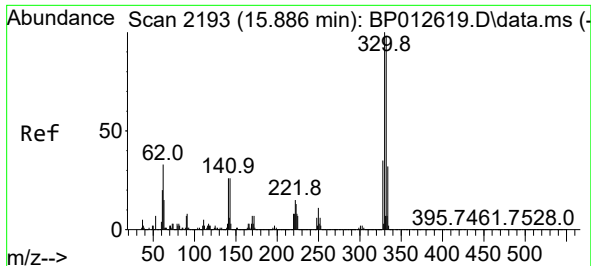
Tgt Ion:164 Resp: 781979
Ion Ratio Lower Upper
164 100
162 102.8 81.0 121.6
160 45.5 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 5.155 ng
RT: 12.516 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BP012629.D
Acq: 12 Nov 2022 20:47

Tgt Ion:237 Resp: 34
Ion Ratio Lower Upper
237 100
235 58.3 42.1 82.1
272 0.0 0.0 33.2

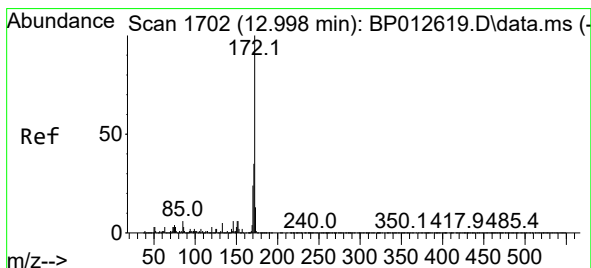
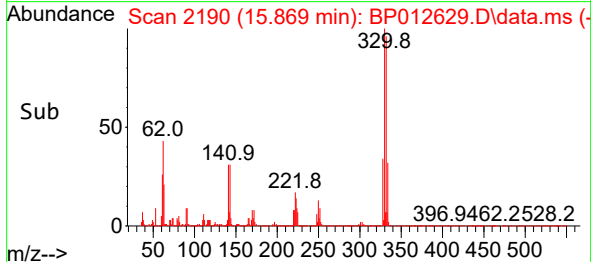
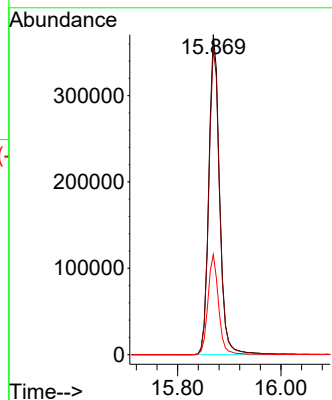
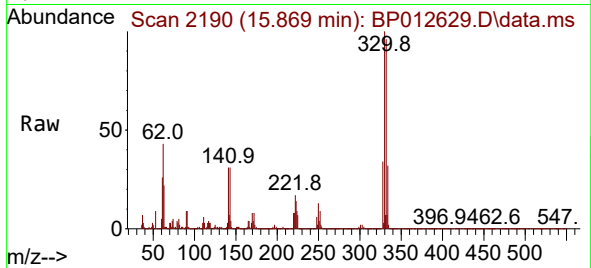




#42
2,4,6-Tribromophenol
Concen: 50.250 ng
RT: 15.869 min Scan# 2193
Delta R.T. -0.017 min
Lab File: BP012629.D
Acq: 12 Nov 2022 20:47

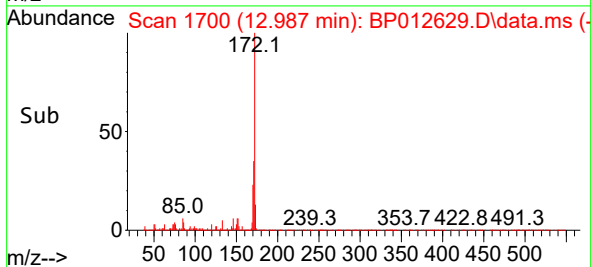
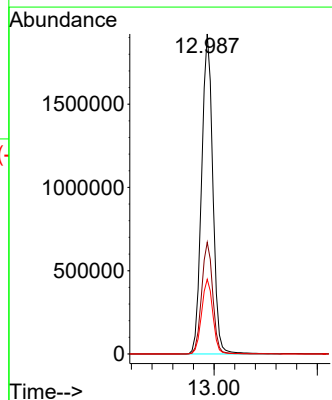
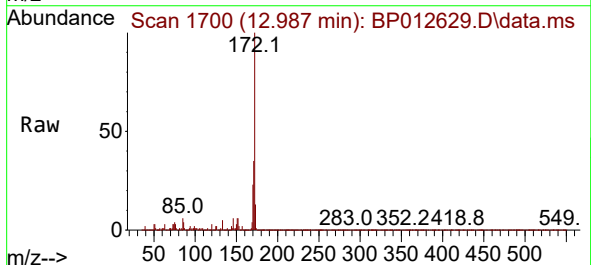
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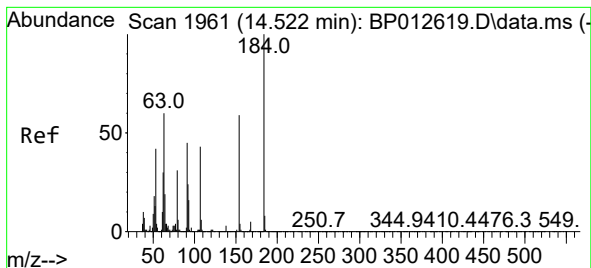
Tgt Ion: 330 Resp: 536424
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 30.8 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 56.167 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.011 min
Lab File: BP012629.D
Acq: 12 Nov 2022 20:47

Tgt Ion: 172 Resp: 2893211
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.3 19.0 28.6

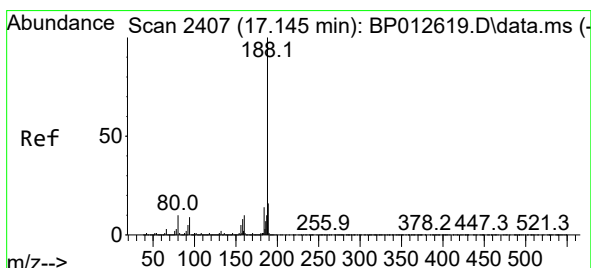
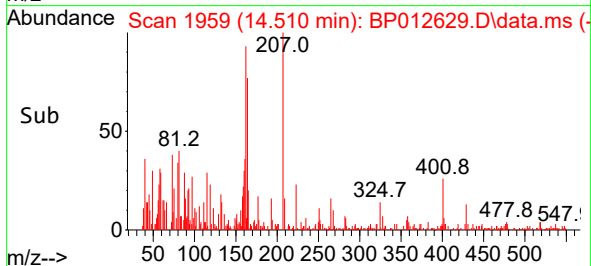
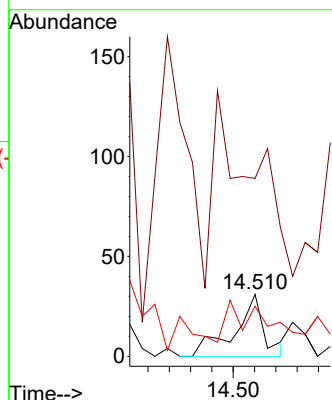
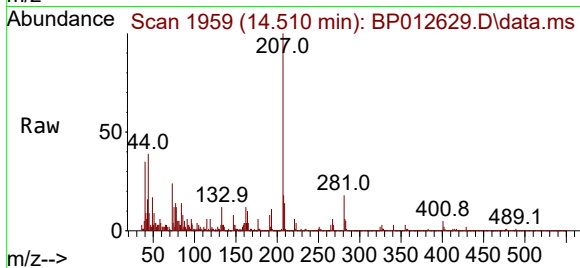




#54
2,4-Dinitrophenol
Concen: 4.843 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BP012629.D
Acq: 12 Nov 2022 20:47

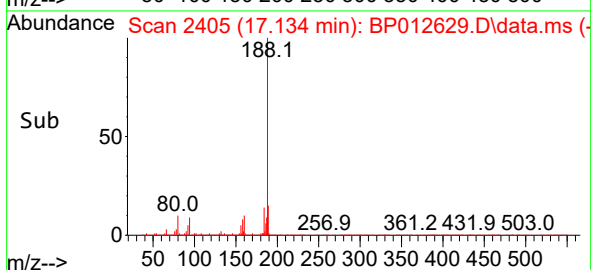
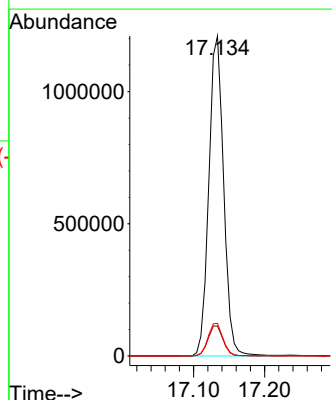
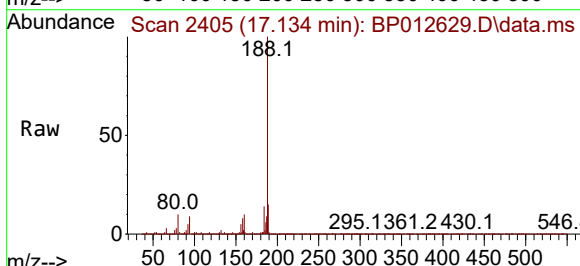
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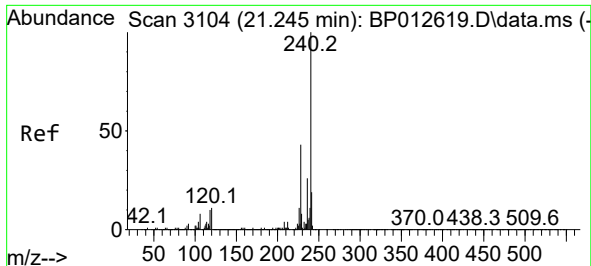
Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 287.1 48.5 72.7#
154 80.6 49.4 74.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BP012629.D
Acq: 12 Nov 2022 20:47

Tgt Ion:188 Resp: 1755076
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 10.2 8.2 12.2

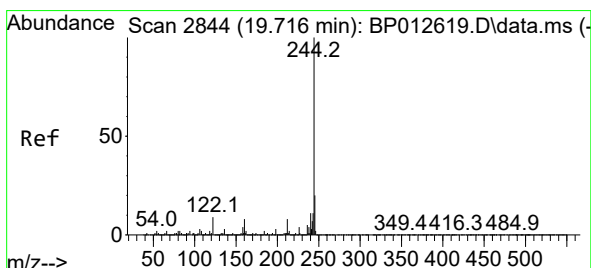
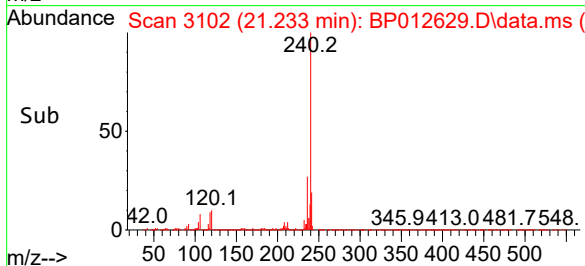
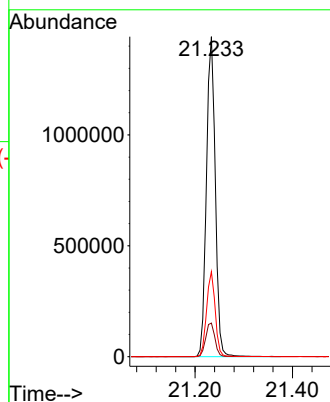
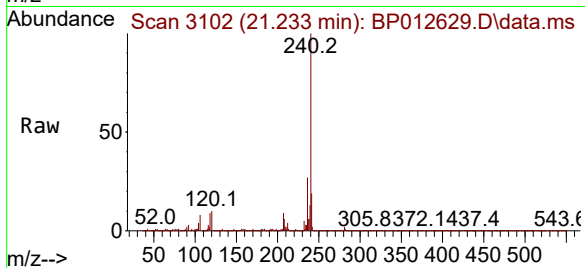




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.233 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP012629.D
Acq: 12 Nov 2022 20:47

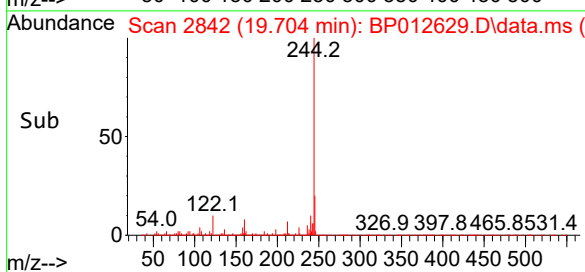
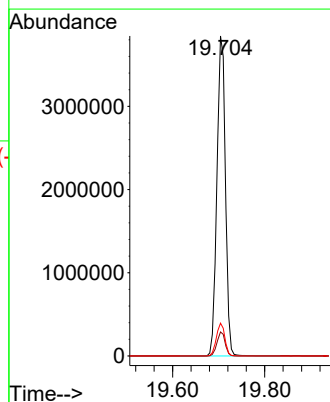
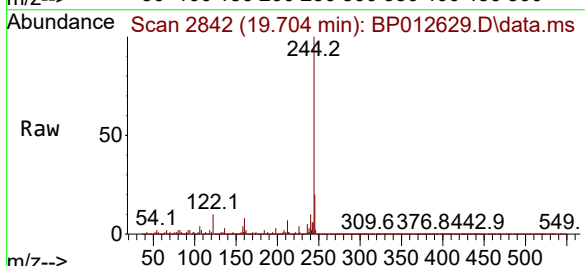
Instrument :
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506D-4RE

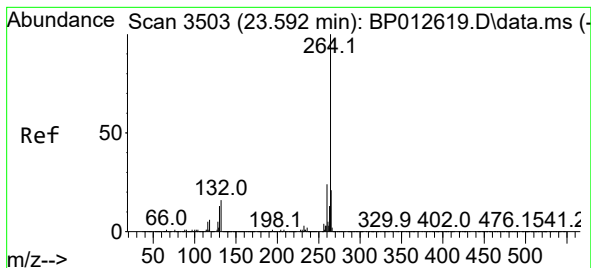
Tgt Ion:240 Resp: 1815630
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 26.5 20.8 31.2



#79
Terphenyl-d14
Concen: 54.721 ng
RT: 19.704 min Scan# 2842
Delta R.T. -0.012 min
Lab File: BP012629.D
Acq: 12 Nov 2022 20:47

Tgt Ion:244 Resp: 4904126
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 10.2 7.0 10.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.574 min Scan# 3

Delta R.T. -0.017 min

Lab File: BP012629.D

Acq: 12 Nov 2022 20:47

Instrument :

BNA_P

ClientSampleId :

506D-4RE

Tgt Ion:264 Resp: 1748503

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.3 17.8 26.8

