

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
 Data File : BP012628.D
 Acq On : 12 Nov 2022 20:13
 Operator : CG/JU
 Sample : N5479-04RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TUL-ROS-1104RE

Quant Time: Nov 14 03:22:03 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)

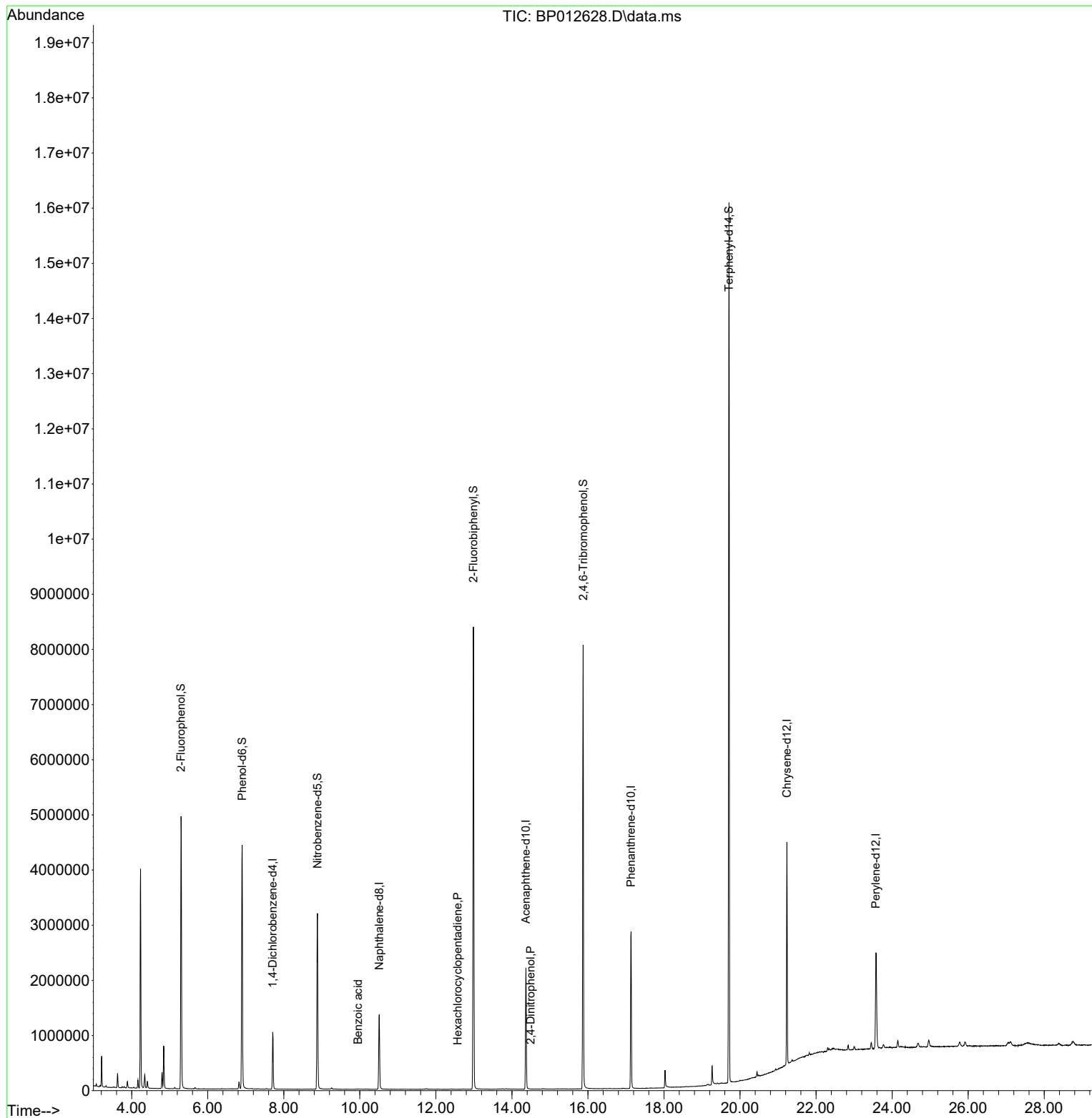
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	284943	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1156541	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	758995	20.000	ng	-0.01
64) Phenanthrene-d10	17.133	188	1741450	20.000	ng	-0.01
76) Chrysene-d12	21.233	240	1838074	20.000	ng	-0.01
86) Perylene-d12	23.574	264	1190478	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	2230076	145.733	ng	0.00
7) Phenol-d6	6.905	99	2702878	127.250	ng	0.00
23) Nitrobenzene-d5	8.887	82	1913249	91.777	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1719921	165.994	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	4415523	88.316	ng	-0.01
79) Terphenyl-d14	19.710	244	8019868	88.394	ng	0.00
Target Compounds						
32) Benzoic acid	9.951	122	1198	5.080	ng	# 48
41) Hexachlorocyclopentadiene	12.575	237	62	5.157	ng	93
54) 2,4-Dinitrophenol	14.492	184	11	4.841	ng	# 1

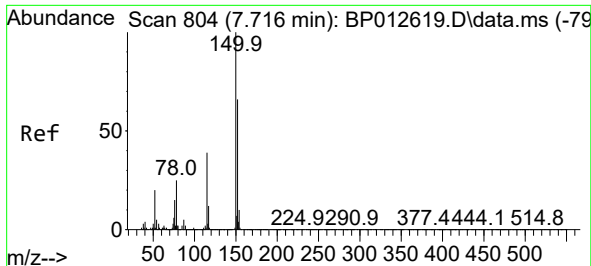
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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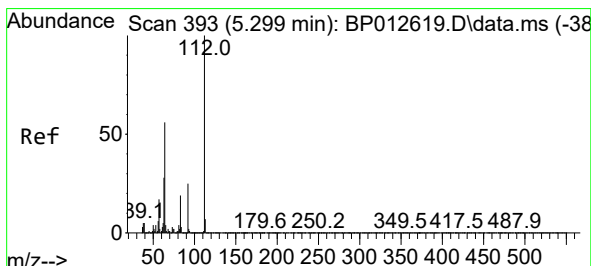
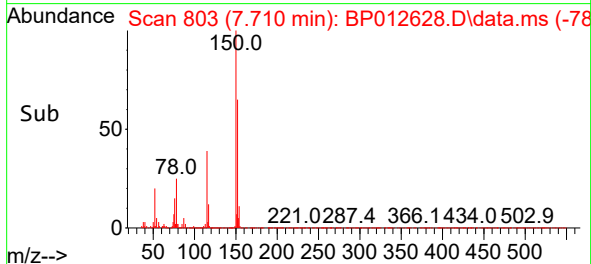
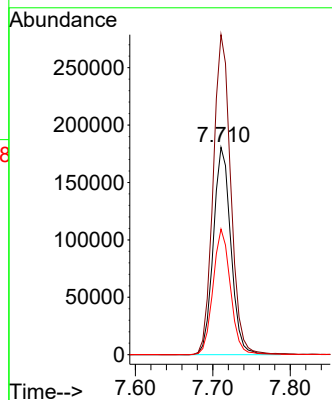
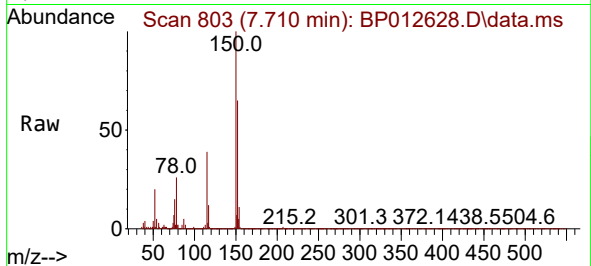




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

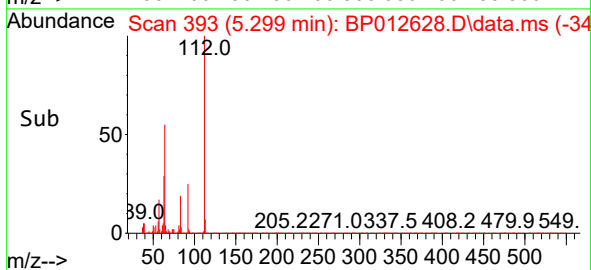
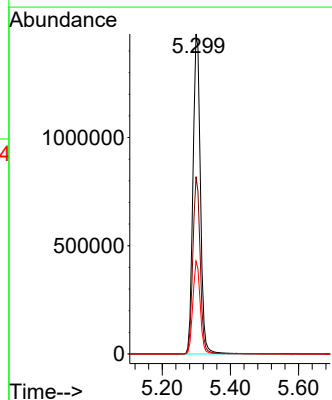
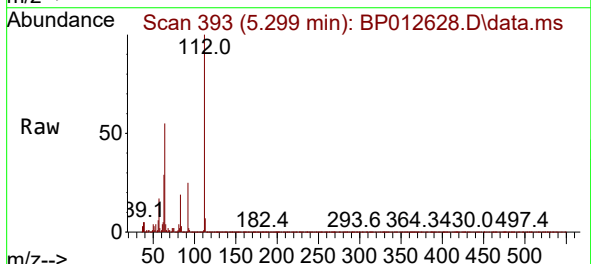
Instrument :
BNA_P
ClientSampleId :
TUL-ROS-1104RE

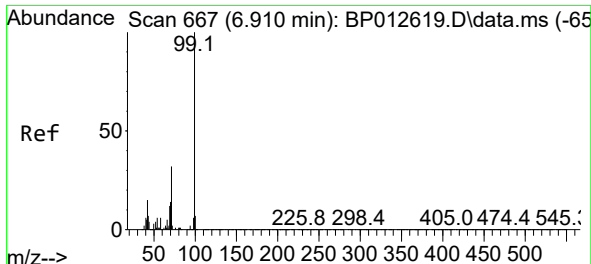
Tgt Ion:152 Resp: 284943
Ion Ratio Lower Upper
152 100
150 154.3 122.1 183.1
115 60.6 47.3 70.9



#5
2-Fluorophenol
Concen: 145.733 ng
RT: 5.299 min Scan# 393
Delta R.T. -0.000 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Tgt Ion:112 Resp: 2230076
Ion Ratio Lower Upper
112 100
64 55.4 44.6 67.0
63 29.0 22.8 34.2

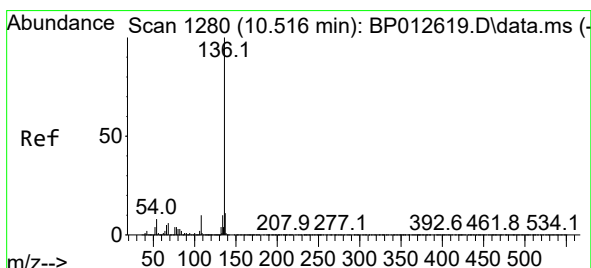
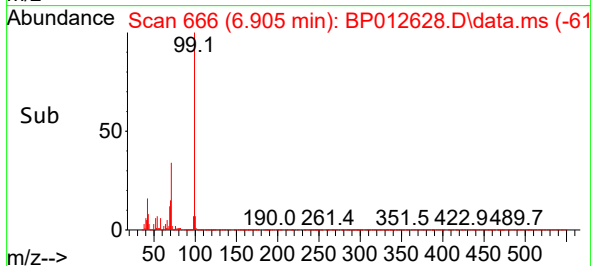
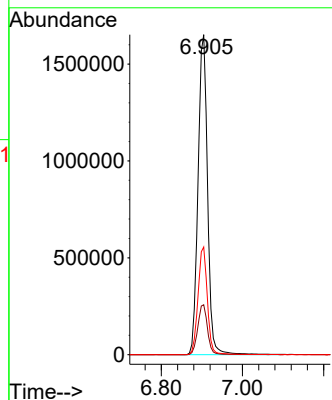
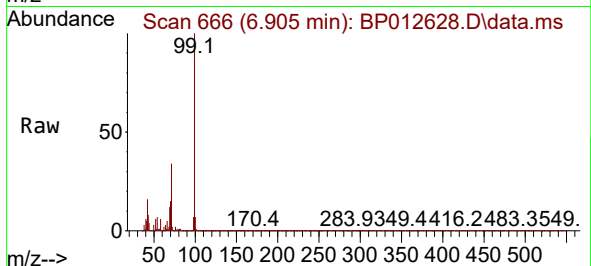




#7
Phenol-d6
Concen: 127.250 ng
RT: 6.905 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

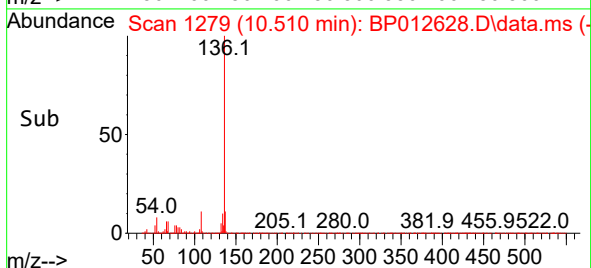
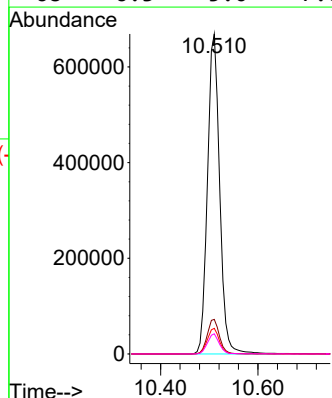
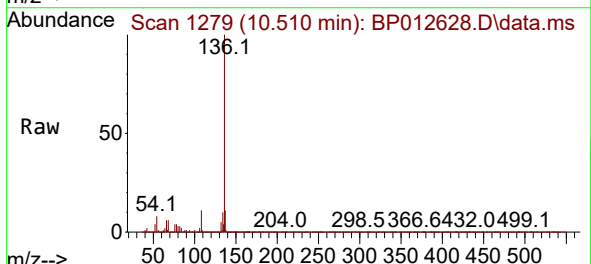
Instrument :
BNA_P
ClientSampleId :
TUL-ROS-1104RE

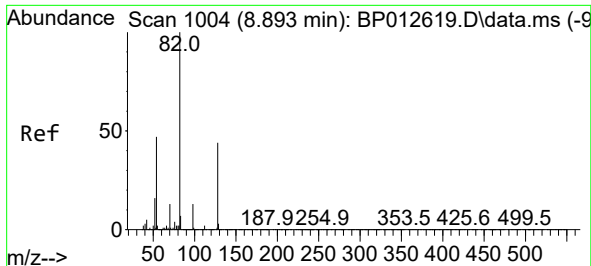
Tgt Ion: 99 Resp: 2702878
Ion Ratio Lower Upper
99 100
42 15.6 12.2 18.2
71 33.6 26.0 39.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Tgt Ion: 136 Resp: 1156541
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 8.0 6.4 9.6
68 6.3 5.0 7.6

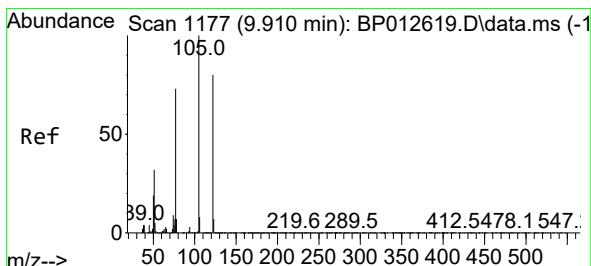
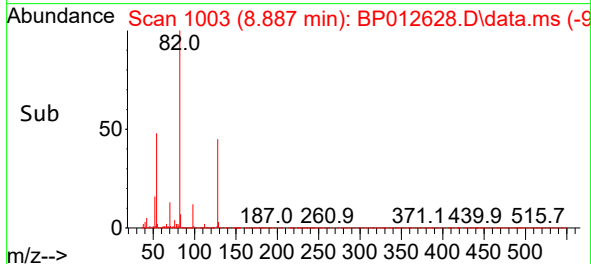
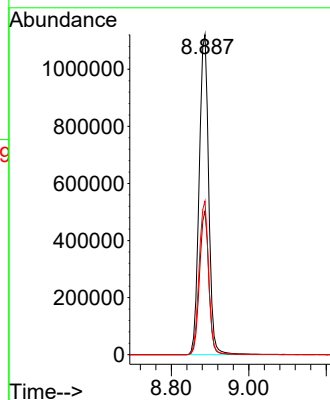
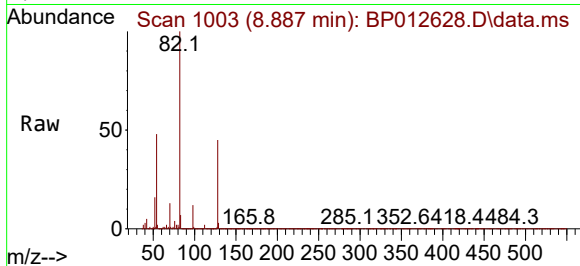




#23
Nitrobenzene-d5
Concen: 91.777 ng
RT: 8.887 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

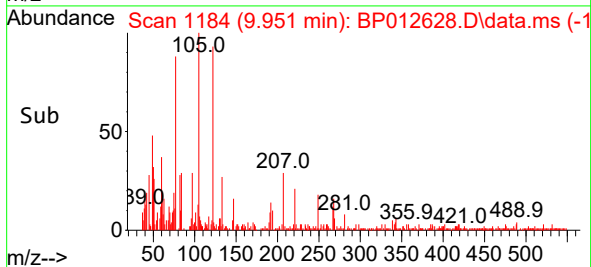
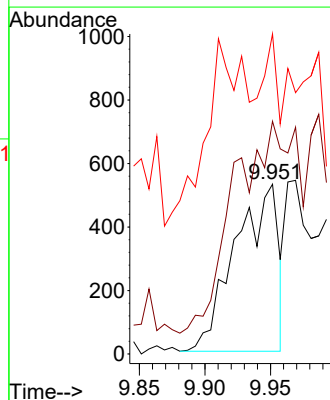
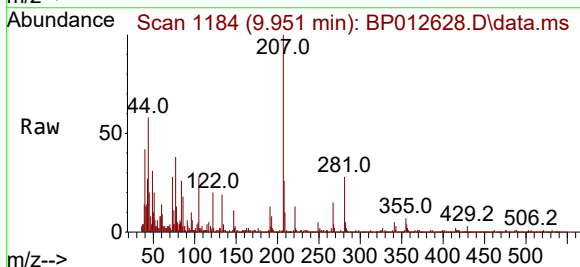
Instrument :
BNA_P
ClientSampleId :
TUL-ROS-1104RE

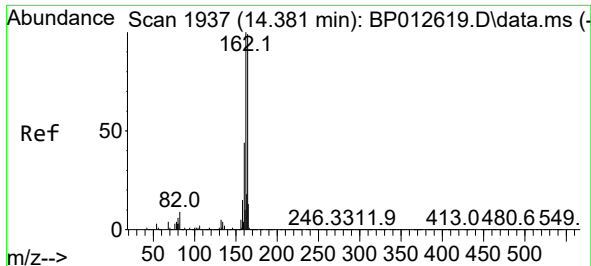
Tgt Ion: 82 Resp: 1913249
Ion Ratio Lower Upper
82 100
128 44.9 35.4 53.2
54 48.0 37.8 56.6



#32
Benzoic acid
Concen: 5.080 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.041 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Tgt Ion:122 Resp: 1198
Ion Ratio Lower Upper
122 100
105 137.0 102.2 142.2
77 188.4 70.7 110.7#

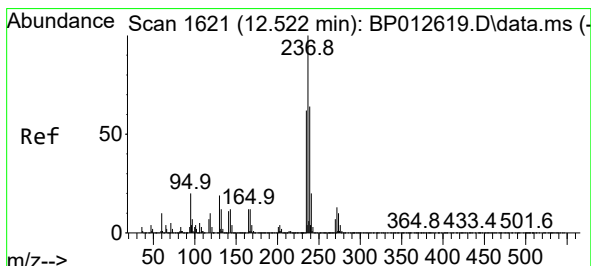
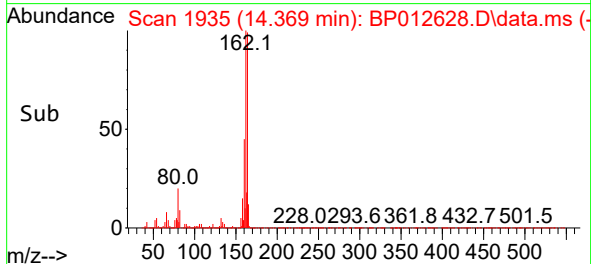
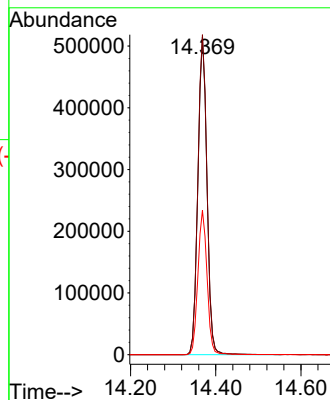
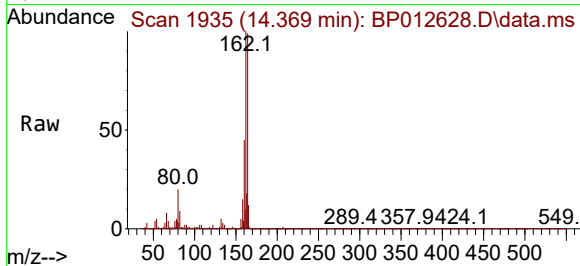




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

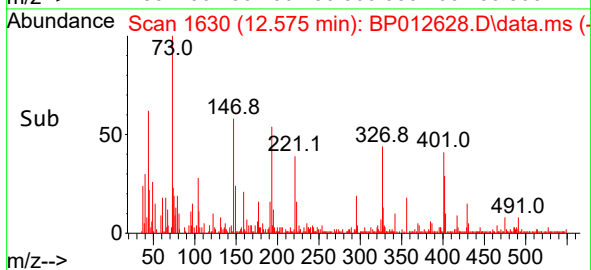
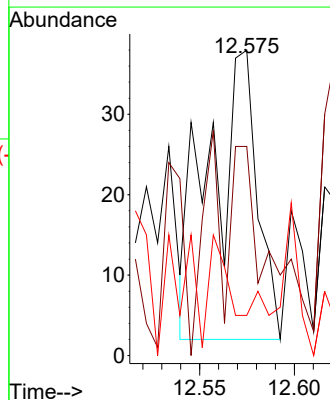
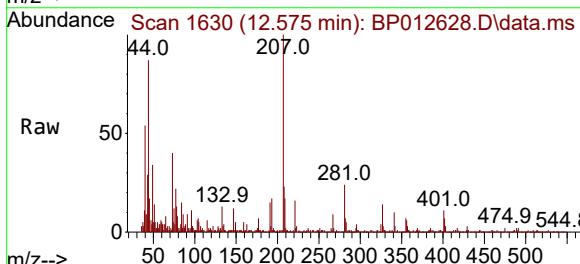
Instrument :
BNA_P
ClientSampleId :
TUL-ROS-1104RE

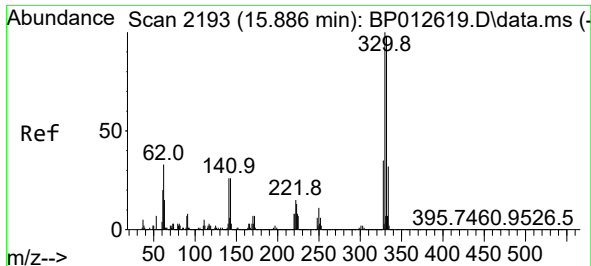
Tgt Ion:164 Resp: 758995
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.6
160 45.5 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 5.157 ng
RT: 12.575 min Scan# 1630
Delta R.T. 0.053 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Tgt Ion:237 Resp: 62
Ion Ratio Lower Upper
237 100
235 68.4 42.1 82.1
272 13.2 0.0 33.2

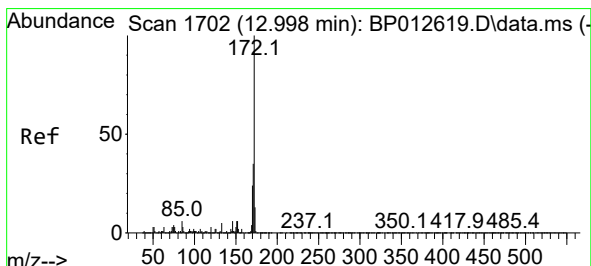
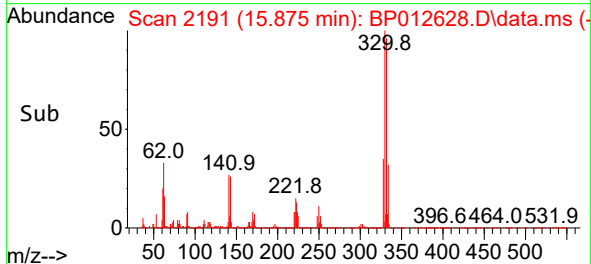
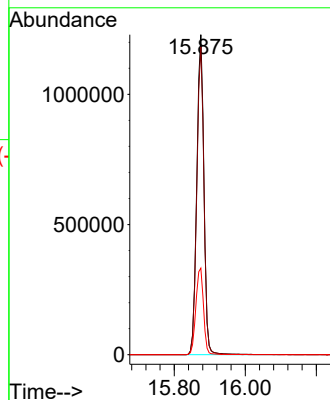
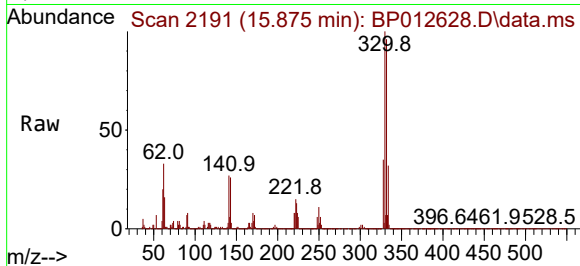




#42
2,4,6-Tribromophenol
Concen: 165.994 ng
RT: 15.875 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

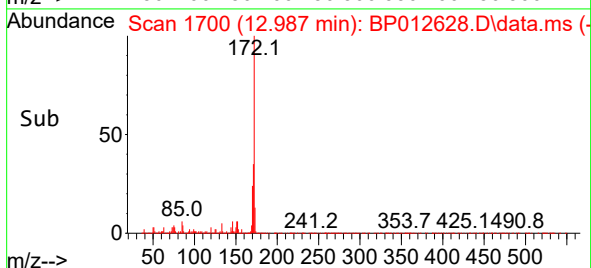
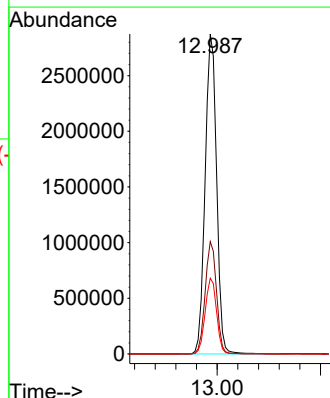
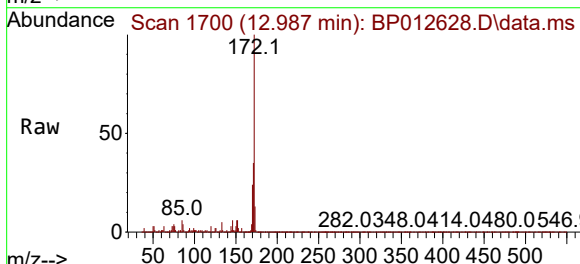
Instrument :
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ClientSampleId :
TUL-ROS-1104RE

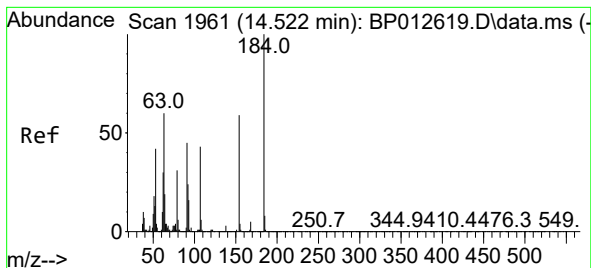
Tgt Ion:330 Resp: 1719921
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 29.0 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 88.316 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.011 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Tgt Ion:172 Resp: 4415523
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.7 19.0 28.6





#54

2,4-Dinitrophenol

Concen: 4.841 ng

RT: 14.492 min Scan# 1961

Delta R.T. -0.030 min

Lab File: BP012628.D

Acq: 12 Nov 2022 20:13

Instrument :

BNA_P

ClientSampleId :

TUL-ROS-1104RE

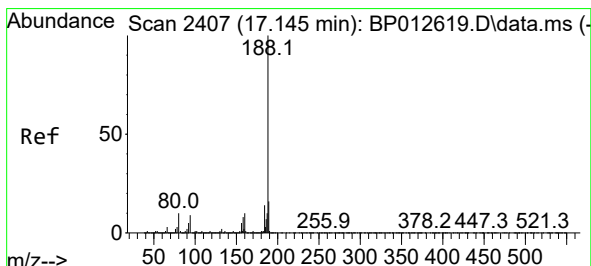
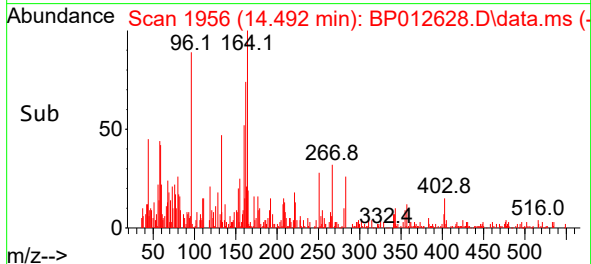
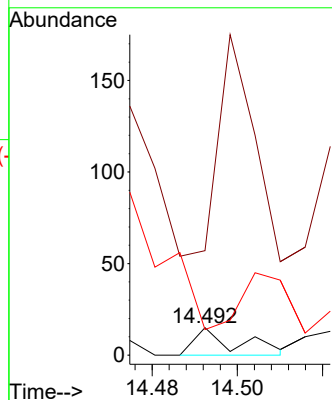
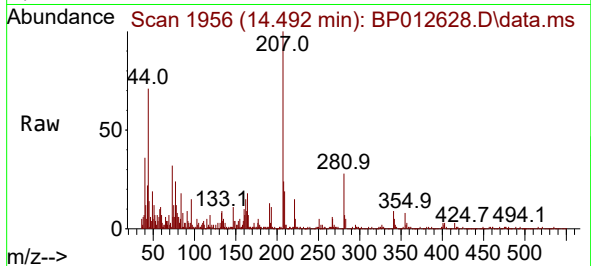
Tgt Ion:184 Resp: 11

Ion Ratio Lower Upper

184 100

63 380.0 48.5 72.7#

154 93.3 49.4 74.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.133 min Scan# 2405

Delta R.T. -0.012 min

Lab File: BP012628.D

Acq: 12 Nov 2022 20:13

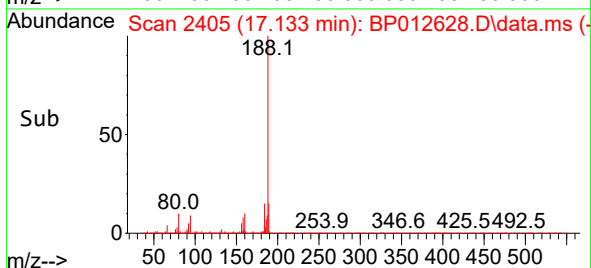
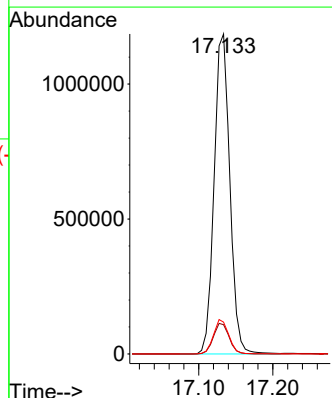
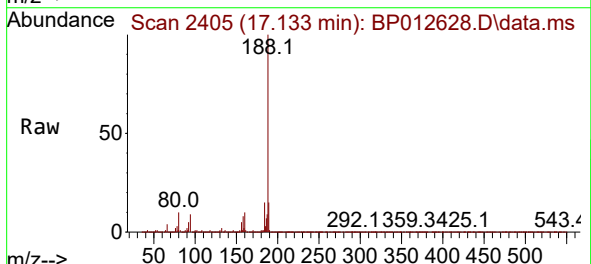
Tgt Ion:188 Resp: 1741450

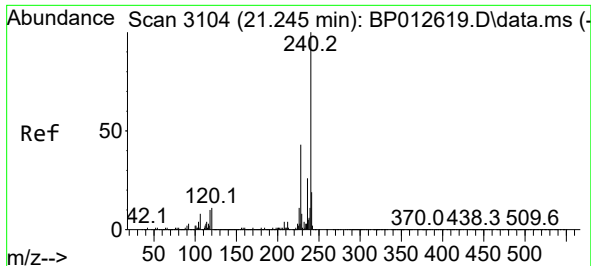
Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

80 9.9 8.2 12.2

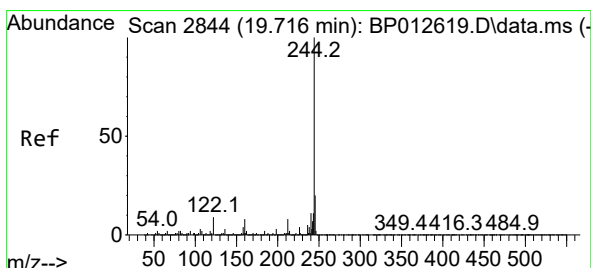
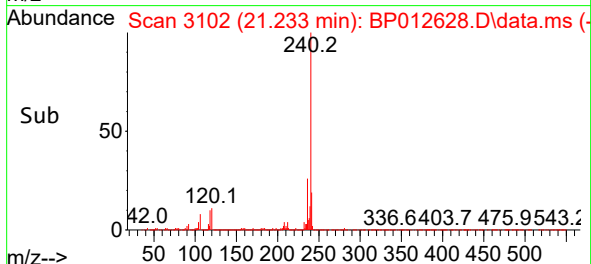
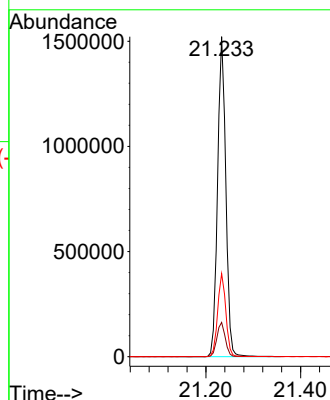
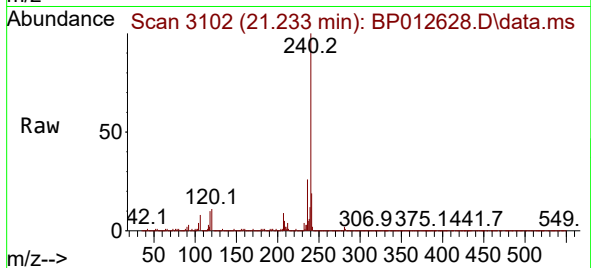




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.233 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

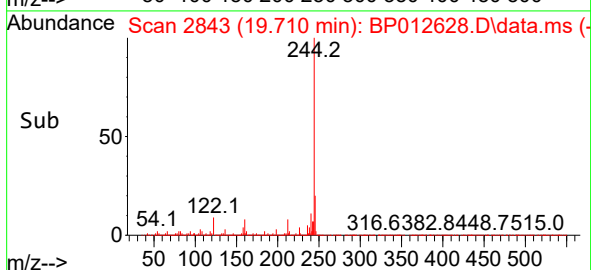
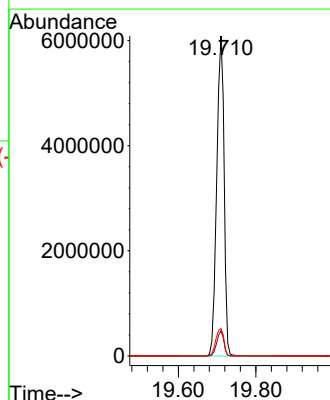
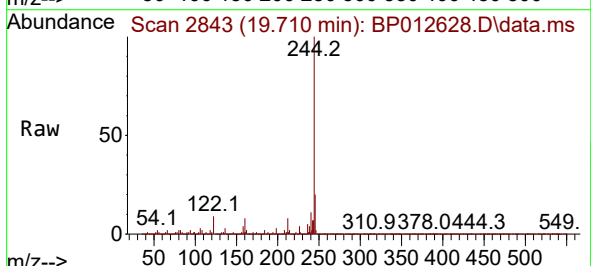
Instrument :
BNA_P
ClientSampleId :
TUL-ROS-1104RE

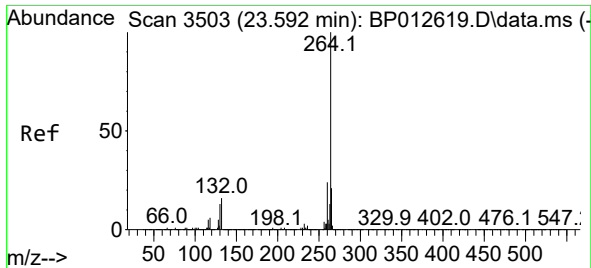
Tgt Ion:240 Resp: 1838074
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 26.0 20.8 31.2



#79
Terphenyl-d14
Concen: 88.394 ng
RT: 19.710 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Tgt Ion:244 Resp: 8019868
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 8.5 7.0 10.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.574 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP012628.D

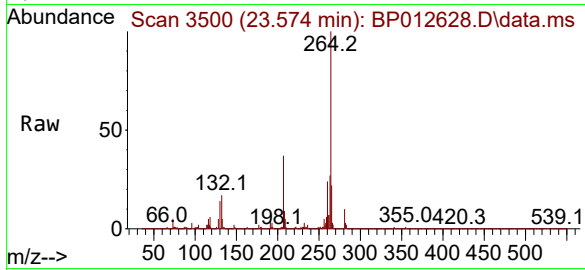
Acq: 12 Nov 2022 20:13

Instrument :

BNA_P

ClientSampleId :

TUL-ROS-1104RE



Tgt Ion:264 Resp: 1190478

Ion Ratio Lower Upper

264 100

260 24.5 18.9 28.3

265 21.5 17.8 26.8

