

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
 Data File : BP009634.D
 Acq On : 31 Mar 2022 12:02
 Operator : CG/JU
 Sample : PB143709BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143709BL

Quant Time: Mar 31 14:17:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

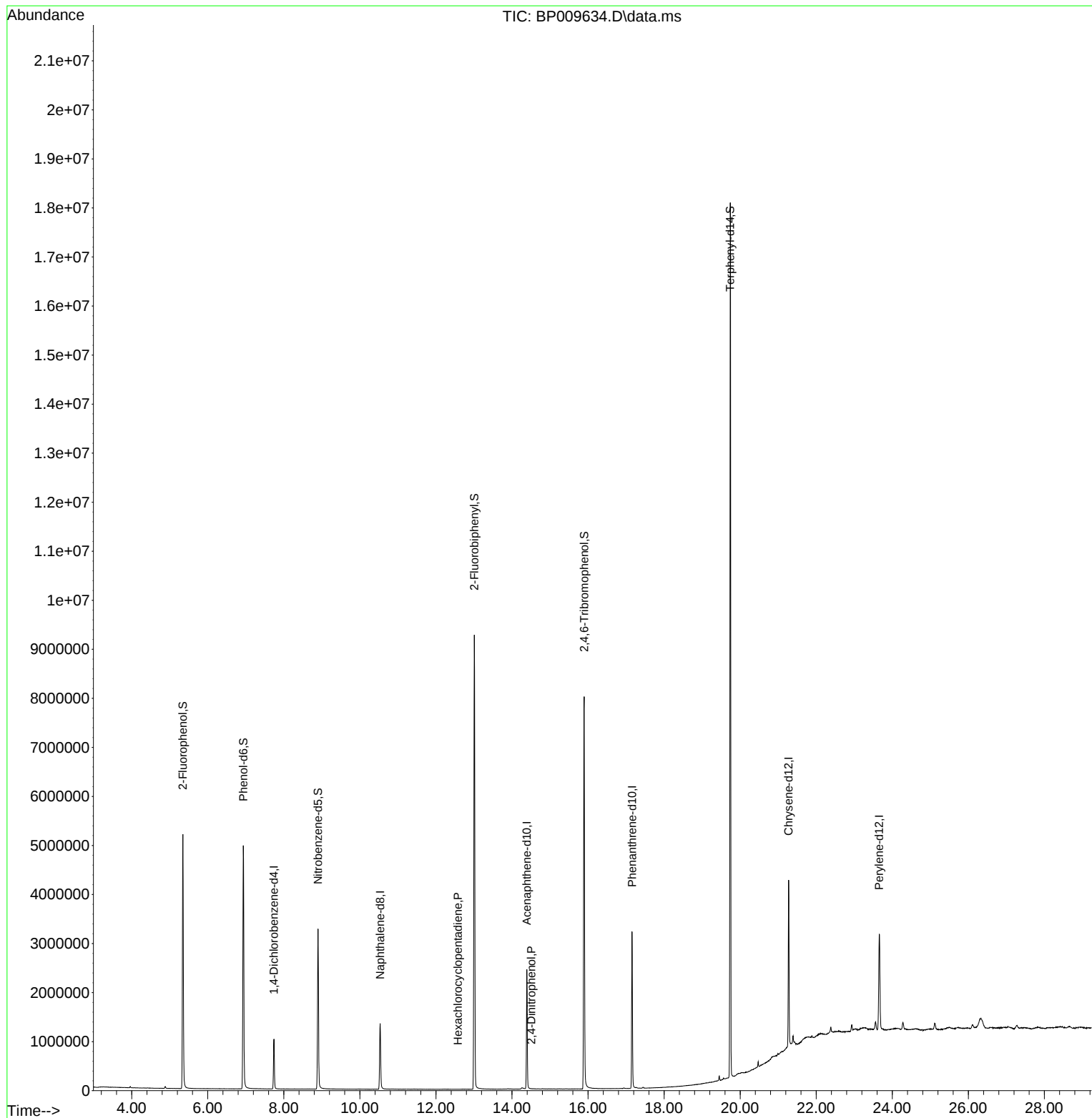
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	313017	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1317206	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	924304	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	2058906	20.000	ng	0.00
76) Chrysene-d12	21.274	240	1843155	20.000	ng	0.00
86) Perylene-d12	23.657	264	1703393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2624923	146.412	ng	0.00
7) Phenol-d6	6.934	99	3399434	140.209	ng	0.00
23) Nitrobenzene-d5	8.899	82	2231734	90.036	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1949056	127.785	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	5564248	83.454	ng	0.00
79) Terphenyl-d14	19.739	244	9637969	93.856	ng	0.00
Target Compounds						
9) Benzaldehyde	6.934	77	5330	Below Cal	#	10
41) Hexachlorocyclopentadiene	12.581	237	7	7.289	ng	94
54) 2,4-Dinitrophenol	14.510	184	80	4.541	ng	# 54

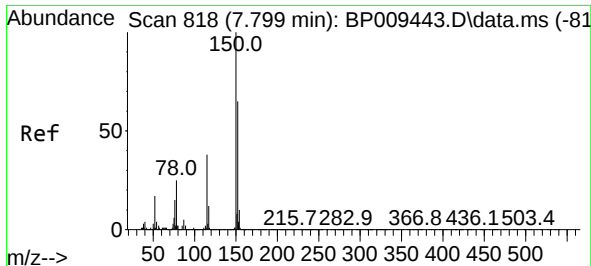
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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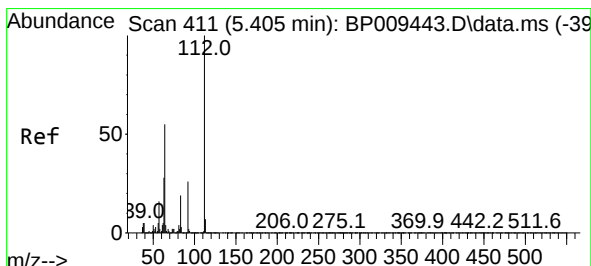
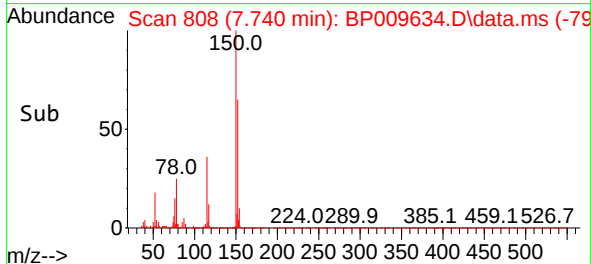
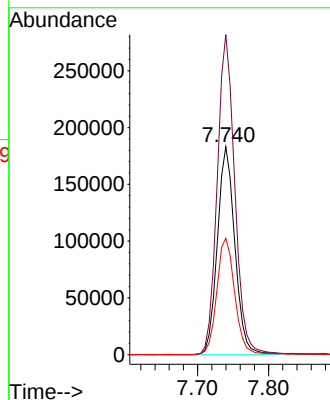
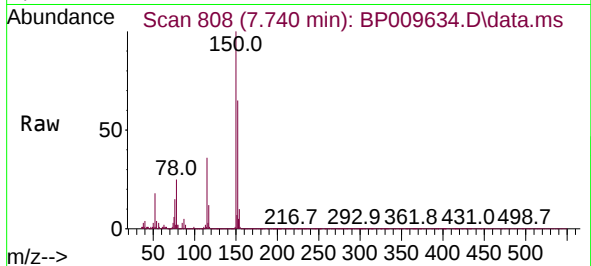




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP009634.D
Acq: 31 Mar 2022 12:02

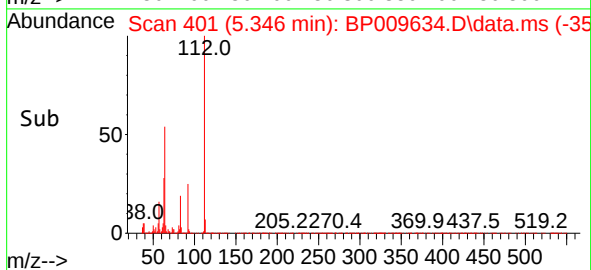
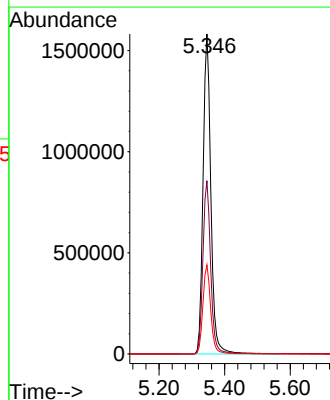
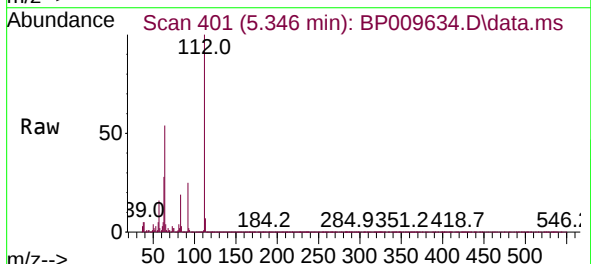
Instrument :
BNA_P
ClientSampleId :
PB143709BL

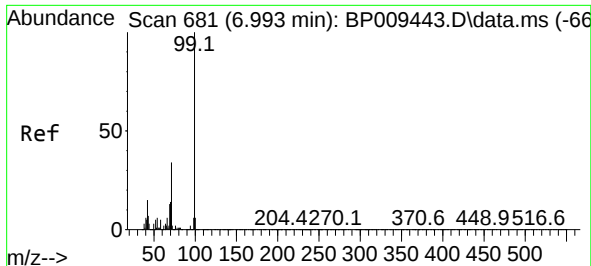
Tgt Ion:152 Resp: 313017
Ion Ratio Lower Upper
152 100
150 153.8 124.5 186.7
115 56.0 48.2 72.4



#5
2-Fluorophenol
Concen: 146.412 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP009634.D
Acq: 31 Mar 2022 12:02

Tgt Ion:112 Resp: 2624923
Ion Ratio Lower Upper
112 100
64 54.2 45.0 67.4
63 27.9 23.0 34.6

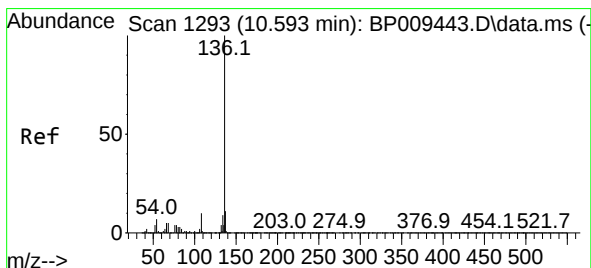
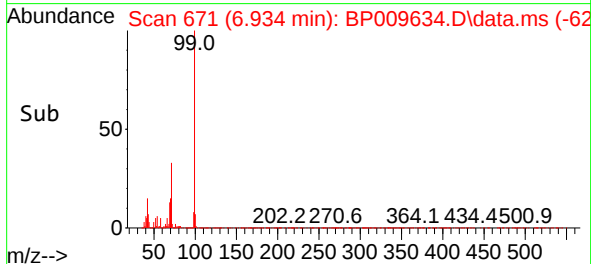
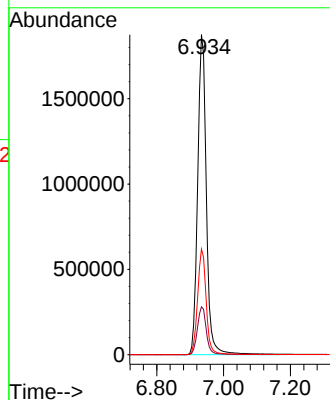
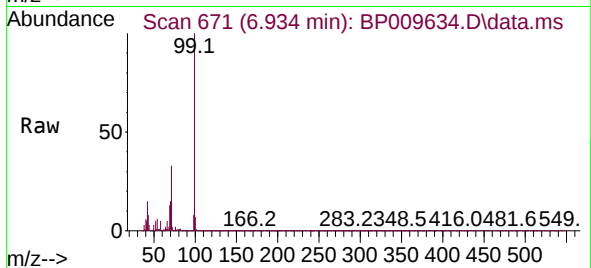




#7
Phenol-d6
Concen: 140.209 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009634.D
Acq: 31 Mar 2022 12:02

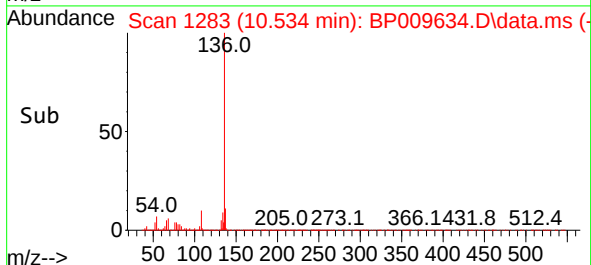
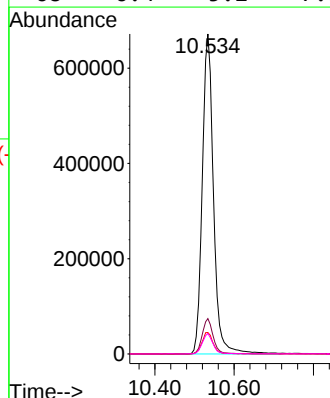
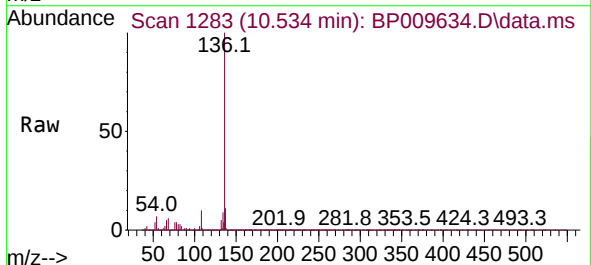
Instrument :
BNA_P
ClientSampleId :
PB143709BL

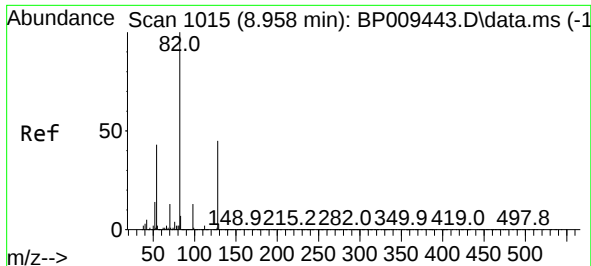
Tgt Ion: 99 Resp: 3399434
Ion Ratio Lower Upper
99 100
42 14.9 12.8 19.2
71 33.0 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP009634.D
Acq: 31 Mar 2022 12:02

Tgt Ion: 136 Resp: 1317206
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.7 5.8 8.8
68 6.4 5.2 7.8

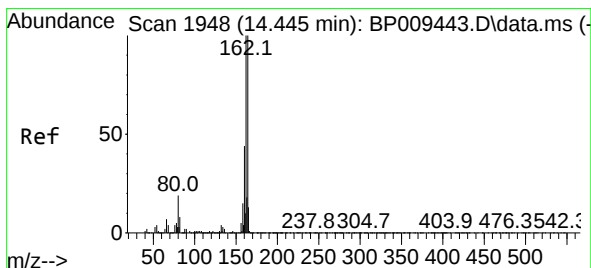
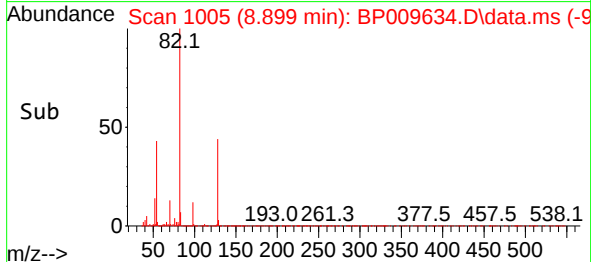
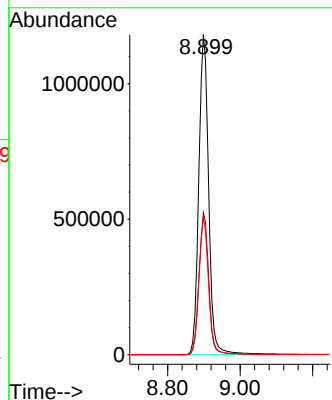
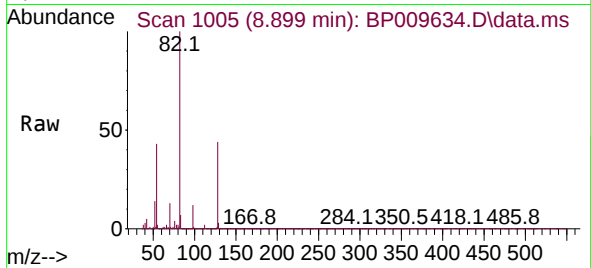




#23
Nitrobenzene-d5
Concen: 90.036 ng
RT: 8.899 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BP009634.D
Acq: 31 Mar 2022 12:02

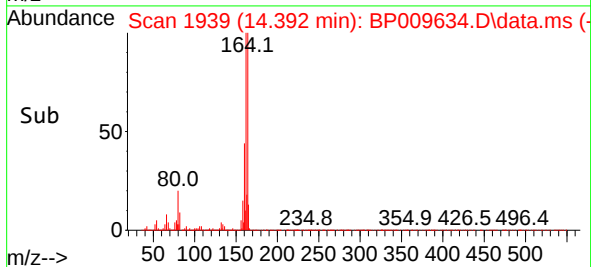
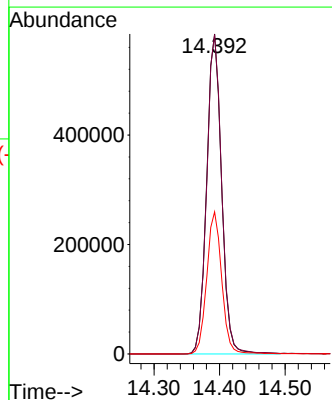
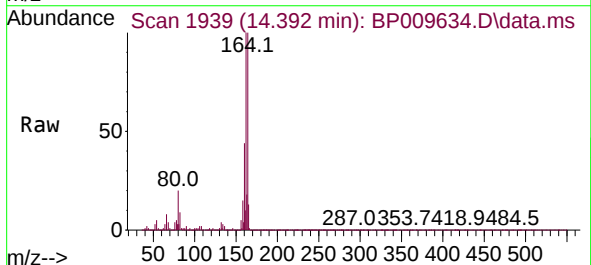
Instrument :
BNA_P
ClientSampleId :
PB143709BL

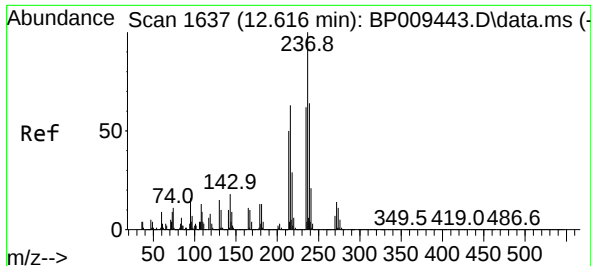
Tgt Ion: 82 Resp: 2231734
Ion Ratio Lower Upper
82 100
128 44.4 34.2 51.4
54 42.9 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BP009634.D
Acq: 31 Mar 2022 12:02

Tgt Ion:164 Resp: 924304
Ion Ratio Lower Upper
164 100
162 99.8 79.1 118.7
160 44.4 34.9 52.3

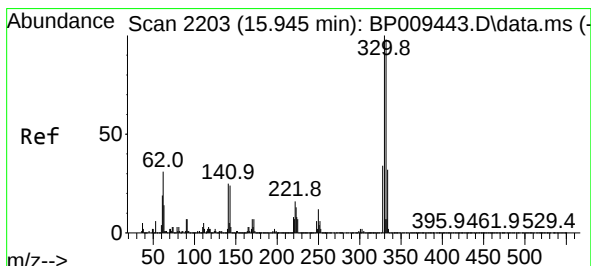
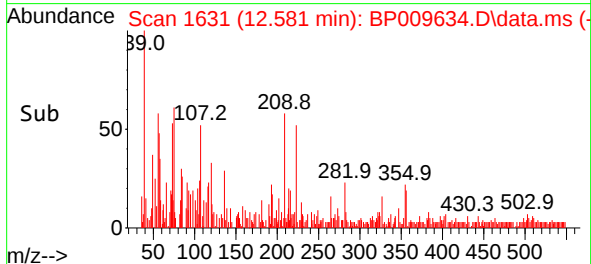
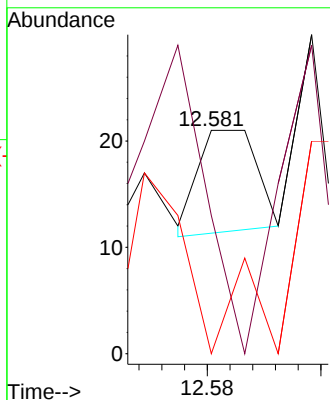
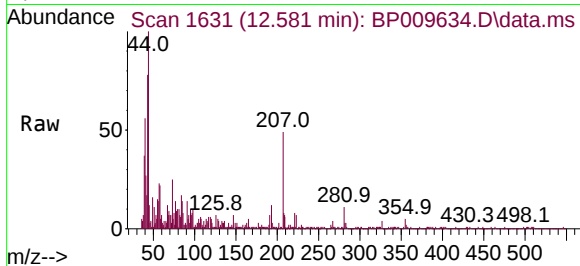




#41
Hexachlorocyclopentadiene
Concen: 7.289 ng
RT: 12.581 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP009634.D
Acq: 31 Mar 2022 12:02

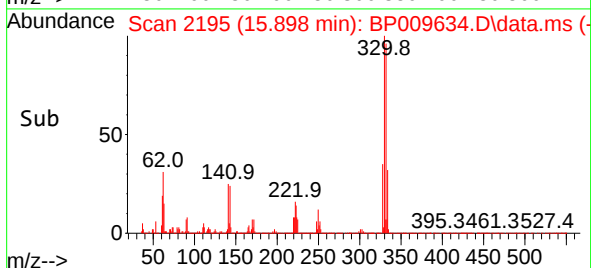
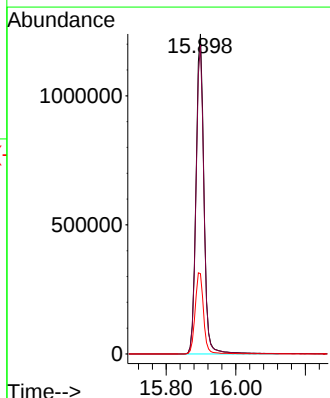
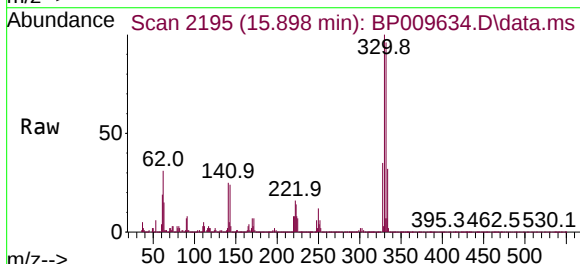
Instrument :
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ClientSampleId :
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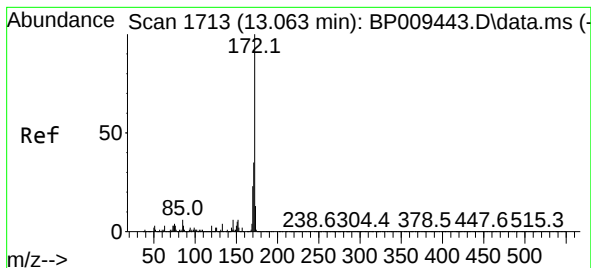
Tgt Ion:	237	Resp:	7
Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.6	82.6
272	0.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 127.785 ng
RT: 15.898 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BP009634.D
Acq: 31 Mar 2022 12:02

Tgt Ion:	330	Resp:	1949056
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	27.1	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 83.454 ng

RT: 13.010 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP009634.D

Acq: 31 Mar 2022 12:02

Instrument :

BNA_P

ClientSampleId :

PB143709BL

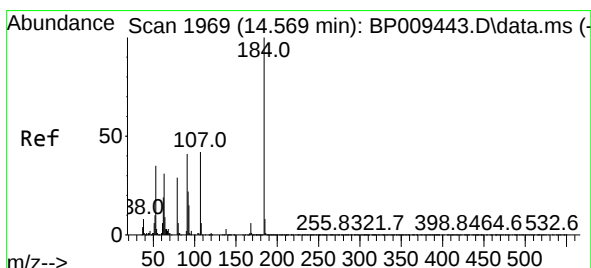
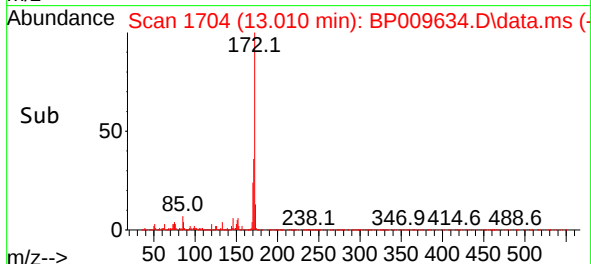
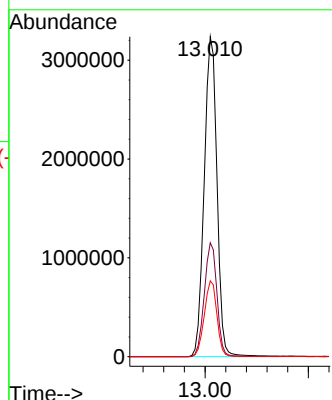
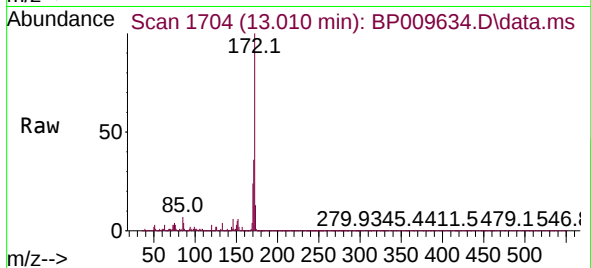
Tgt Ion:172 Resp: 5564248

Ion Ratio Lower Upper

172 100

171 35.6 28.0 42.0

170 23.7 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.541 ng

RT: 14.510 min Scan# 1959

Delta R.T. -0.018 min

Lab File: BP009634.D

Acq: 31 Mar 2022 12:02

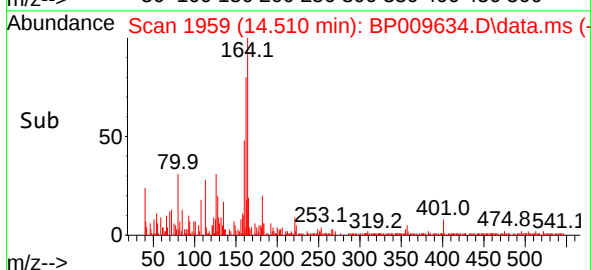
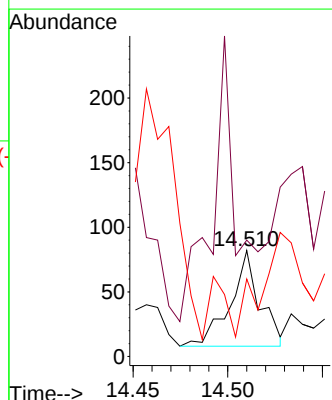
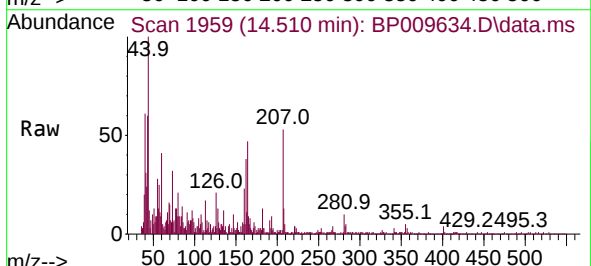
Tgt Ion:184 Resp: 80

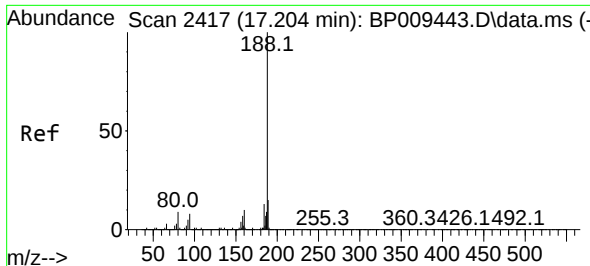
Ion Ratio Lower Upper

184 100

63 109.8 46.3 69.5#

154 73.2 45.8 68.6#

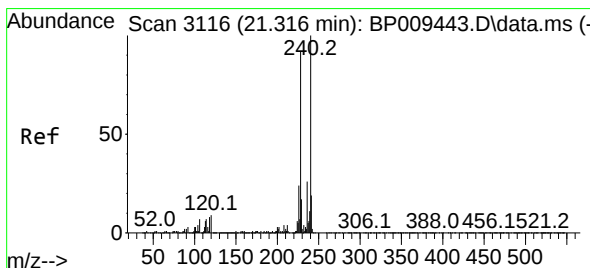
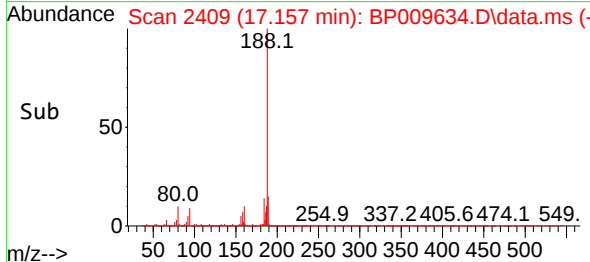
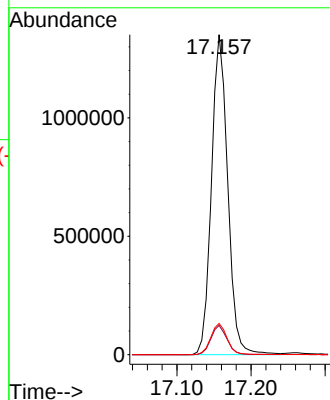
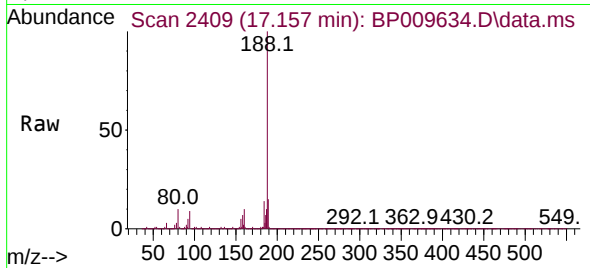




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009634.D
Acq: 31 Mar 2022 12:02

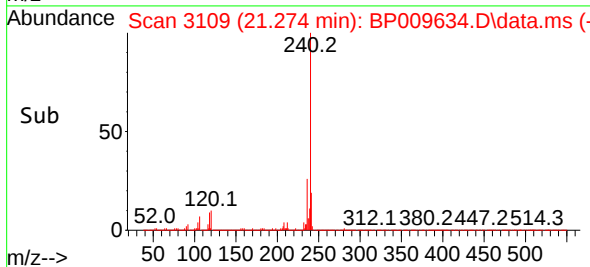
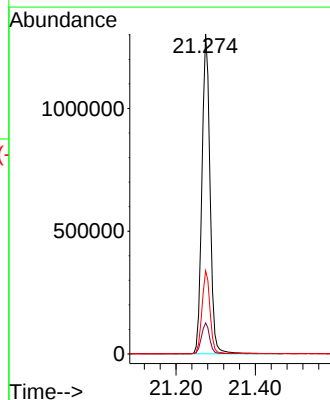
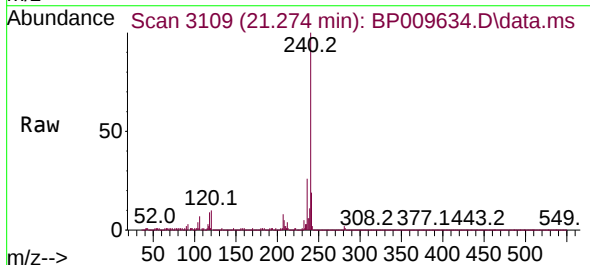
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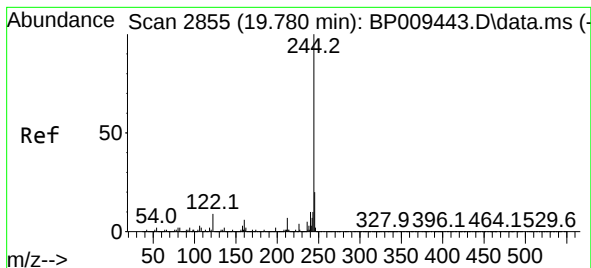
Tgt Ion:188 Resp: 2058906
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 9.7 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BP009634.D
Acq: 31 Mar 2022 12:02

Tgt Ion:240 Resp: 1843155
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 26.0 20.6 30.8





#79

Terphenyl-d14

Concen: 93.856 ng

RT: 19.739 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP009634.D

Acq: 31 Mar 2022 12:02

Instrument :

BNA_P

ClientSampleId :

PB143709BL

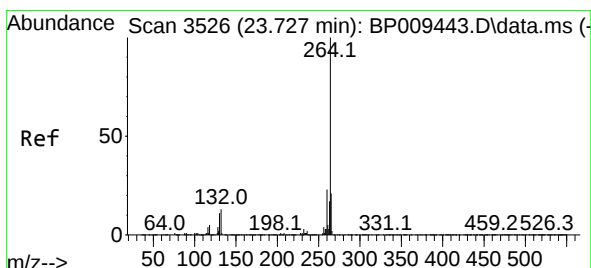
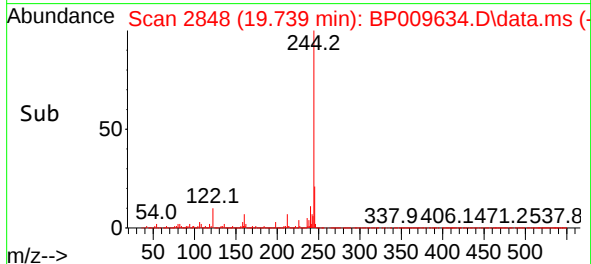
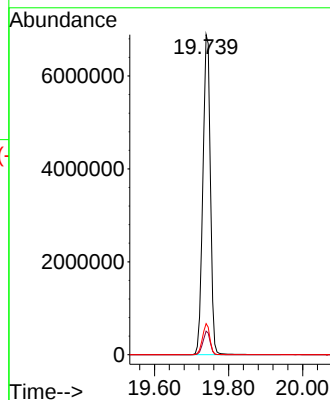
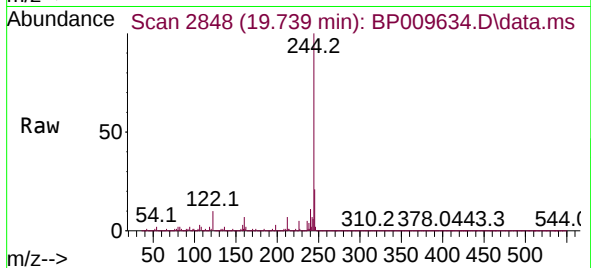
Tgt Ion:244 Resp: 9637969

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.7 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.657 min Scan# 3514

Delta R.T. 0.006 min

Lab File: BP009634.D

Acq: 31 Mar 2022 12:02

Tgt Ion:264 Resp: 1703393

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 22.2 17.2 25.8

