

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
 Data File : BP007875.D
 Acq On : 08 Nov 2021 23:12
 Operator : CG/JU
 Sample : M4523-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Quant Time: Nov 09 08:47:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 08 16:36:40 2021
 Response via : Initial Calibration

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

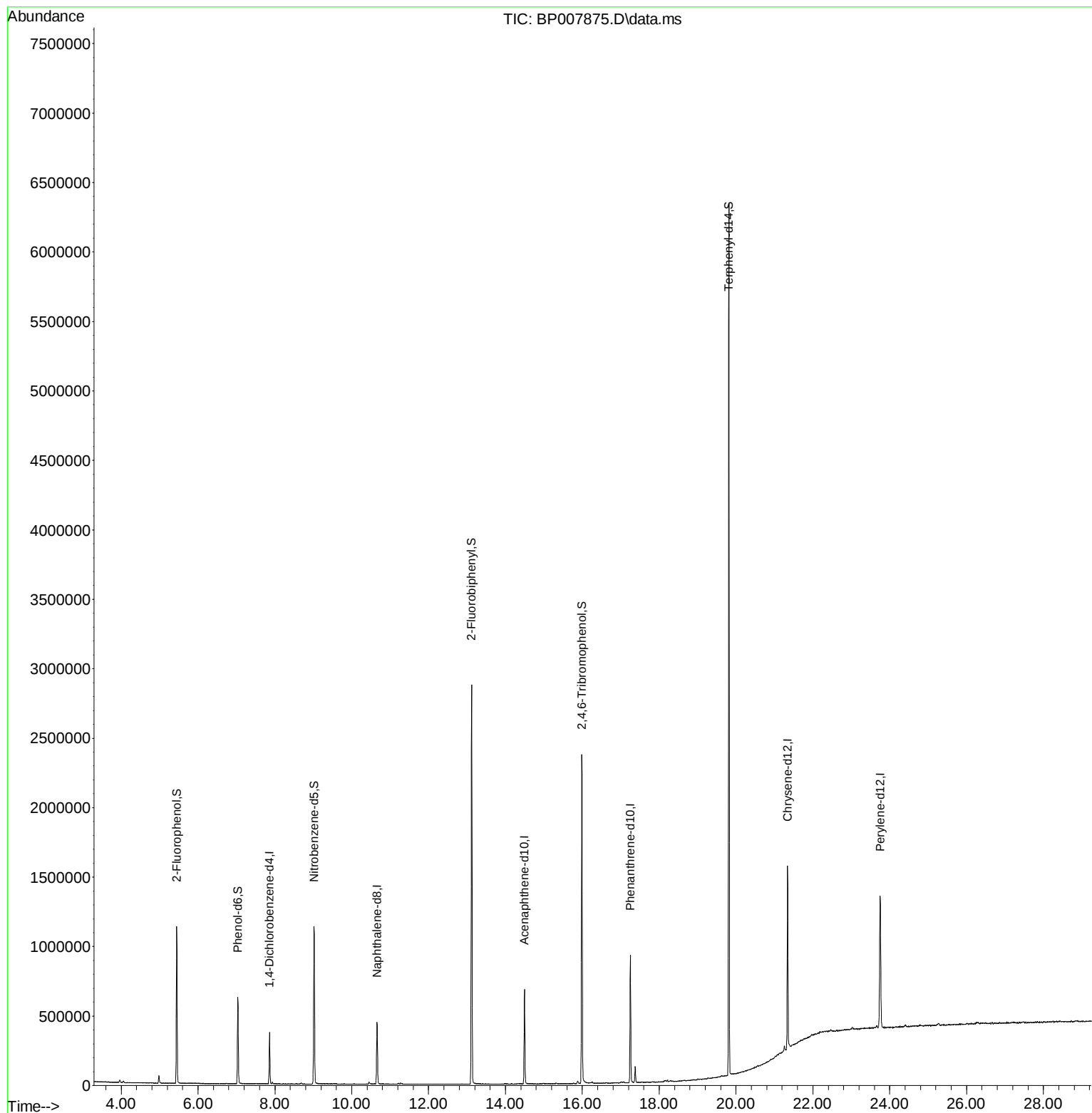
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	100112	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	368485	20.00	ng	-0.01
39) Acenaphthene-d10	14.498	164	235813	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	528222	20.00	ng	#-0.01
76) Chrysene-d12	21.339	240	650403	20.00	ng	-0.01
86) Perylene-d12	23.750	264	723639	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	469256	79.49	ng	0.00
7) Phenol-d6	7.034	99	350205	40.99	ng	-0.01
23) Nitrobenzene-d5	9.016	82	638430	93.07	ng	-0.02
42) 2,4,6-Tribromophenol	15.992	330	464873	138.13	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1495970	92.38	ng	-0.01
79) Terphenyl-d14	19.815	244	2856144	89.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	332	Below Cal	#	23

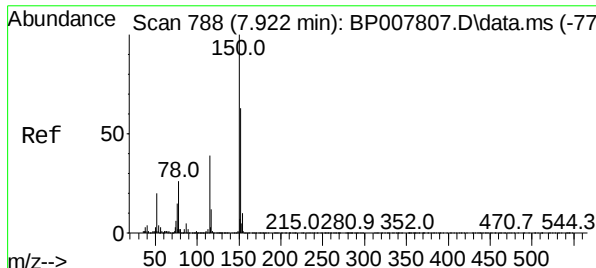
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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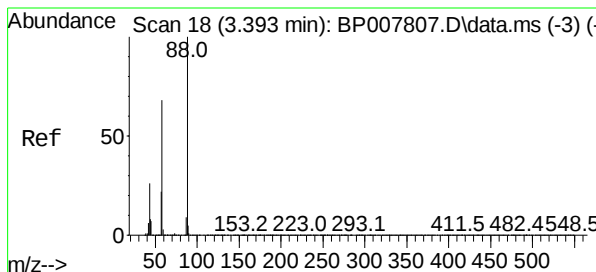
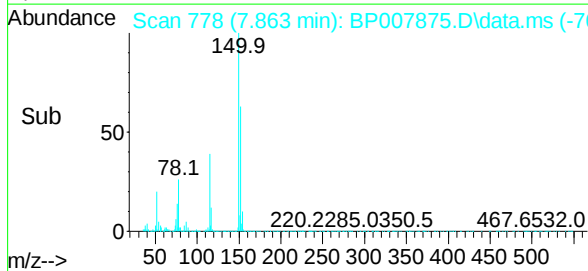
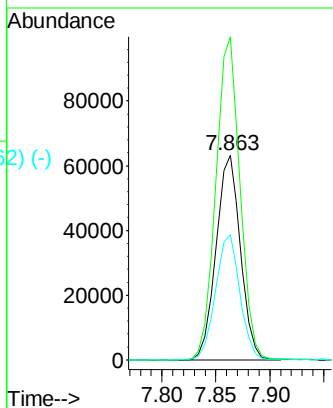
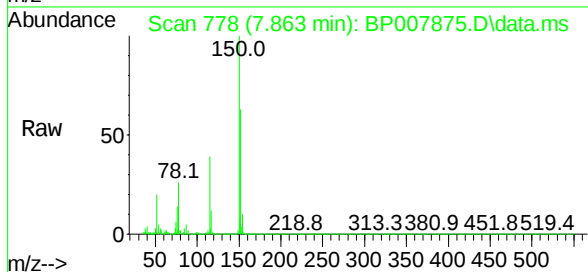




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.863 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP007875.D
 Acq: 08 Nov 2021 23:12

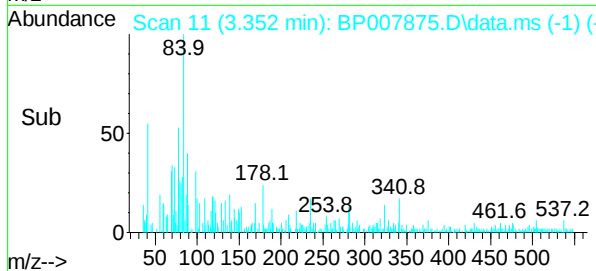
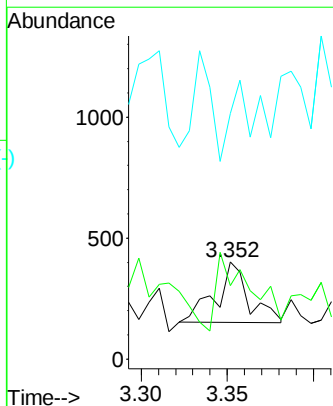
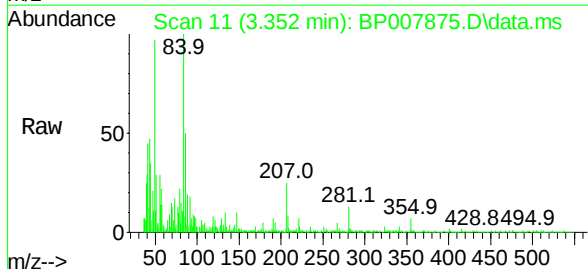
Instrument :
 BNA_P
 ClientSampleId :
 FIELD-BLANK

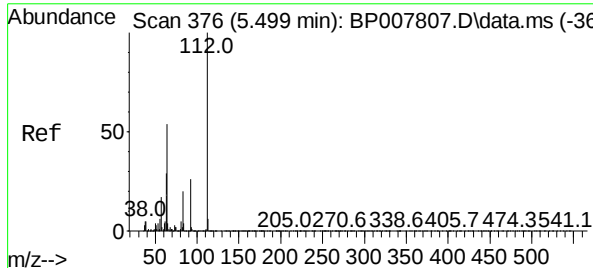
Tgt Ion:	152	Resp:	100
Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.1	186.1
115	61.2	48.1	72.1



1,4-Dioxane
 Concen: Below Cal
 RT: 3.352 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BP007875.D
 Acq: 08 Nov 2021 23:12

Tgt Ion:	88	Resp:	332
Ion	Ratio	Lower	Upper
88	100		
58	137.7	58.1	87.1#
43	67.5	22.2	33.4#





2-Fluorophenol

Concen: 79.49 ng

RT: 5.446 min Scan# 637

Delta R.T. -0.006 min

Lab File: BP007875.D

Acq: 08 Nov 2021 23:12

Instrument :

BNA_P

ClientSampleId :

FIELD-BLANK

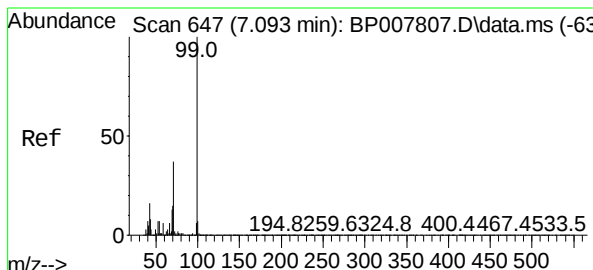
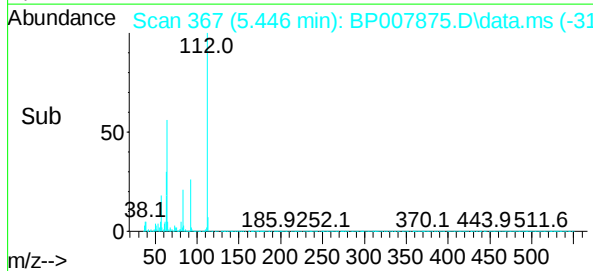
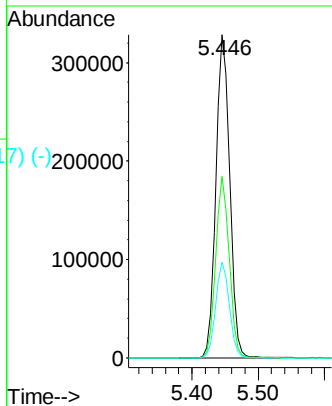
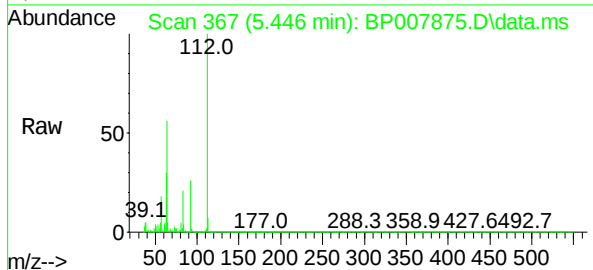
Tgt Ion: 112 Resp: 469256

Ion Ratio Lower Upper

112 100

64 56.2 46.6 70.0

63 29.6 25.0 37.6



Phenol-d6

Concen: 40.99 ng

RT: 7.034 min Scan# 637

Delta R.T. -0.012 min

Lab File: BP007875.D

Acq: 08 Nov 2021 23:12

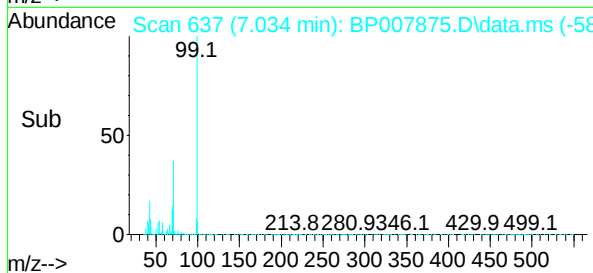
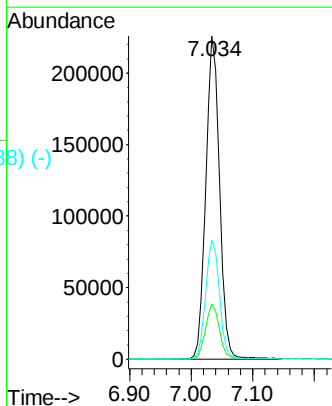
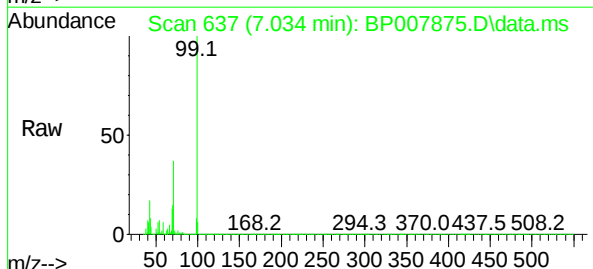
Tgt Ion: 99 Resp: 350205

Ion Ratio Lower Upper

99 100

42 16.9 14.9 22.3

71 36.9 29.2 43.8



Abundance Scan 1265 (10.728 min): BP007807.D\data.ms (-127) (-)

Naphthalene-d8

Concen: 20.00 ng

RT: 10.657 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BP007875.D

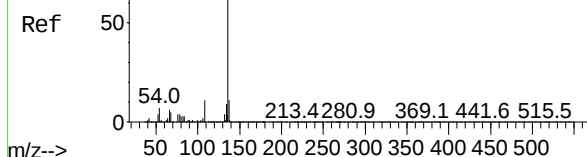
Acq: 08 Nov 2021 23:12

Instrument :

BNP_P

ClientSampleId :

FIELD-BLANK



Tgt Ion: 136 Resp: 368485

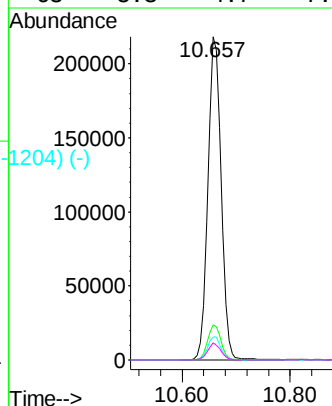
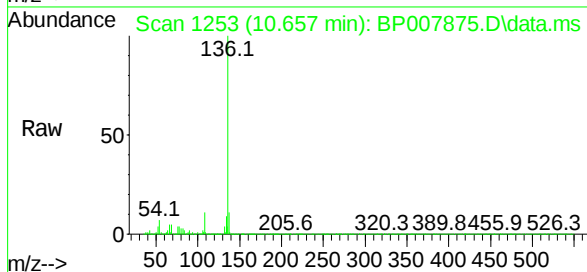
Ion Ratio Lower Upper

136 100

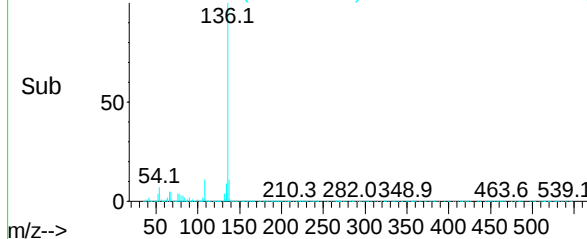
137 10.9 8.6 13.0

54 7.1 6.2 9.4

68 5.3 4.7 7.1



Abundance Scan 1253 (10.657 min): BP007875.D\data.ms (-1204) (-)



Abundance Scan 986 (9.087 min): BP007807.D\data.ms (-978) (-)

Nitrobenzene-d5

Concen: 93.07 ng

RT: 9.016 min Scan# 974

Delta R.T. -0.018 min

Lab File: BP007875.D

Acq: 08 Nov 2021 23:12

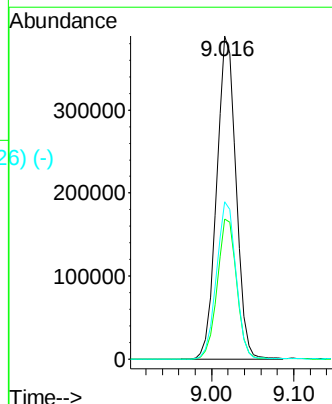
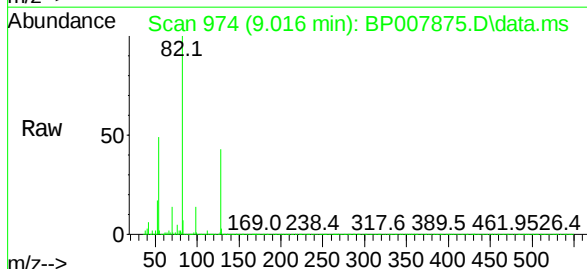
Tgt Ion: 82 Resp: 638430

Ion Ratio Lower Upper

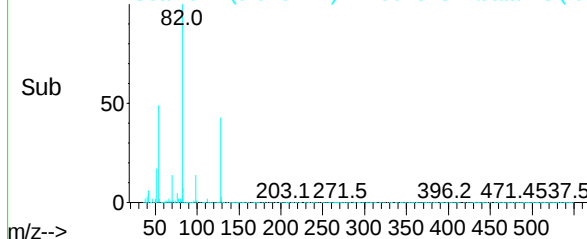
82 100

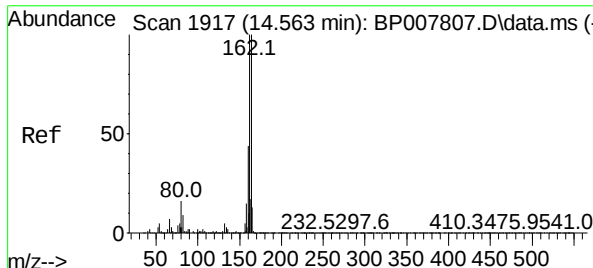
128 43.4 32.6 48.8

54 48.7 40.4 60.6



Abundance Scan 974 (9.016 min): BP007875.D\data.ms (-926) (-)

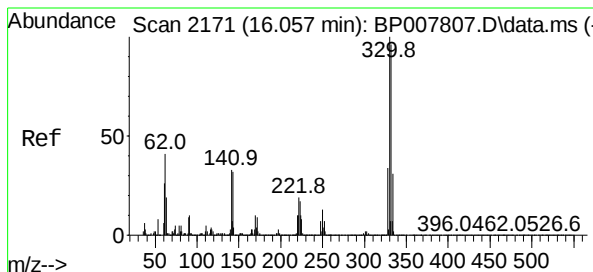
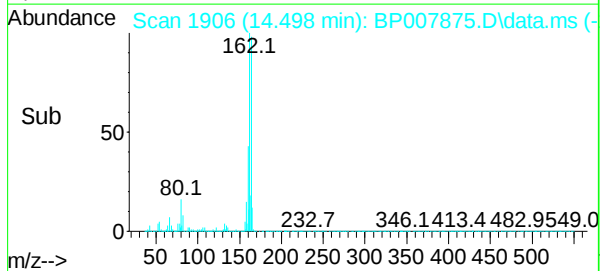
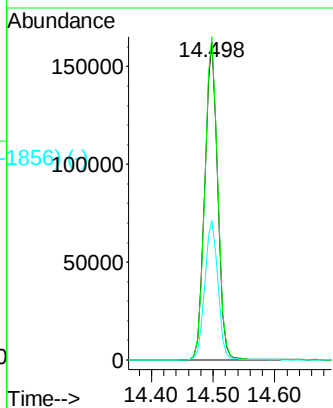
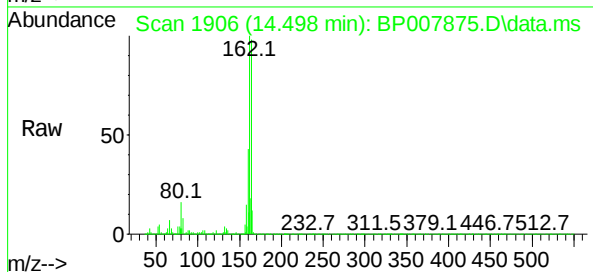




Scan 1917 (14.563 min): BP007807.D\data.ms (-1856)
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.498 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: BP007875.D
 Acq: 08 Nov 2021 23:12

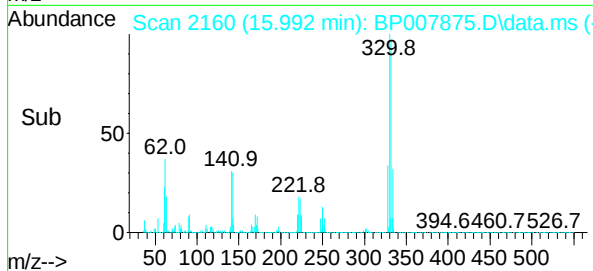
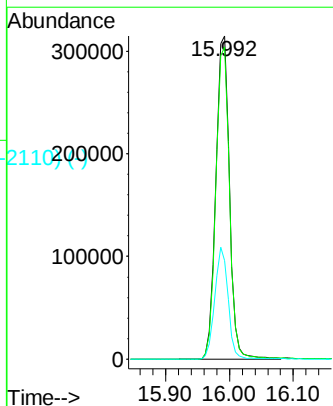
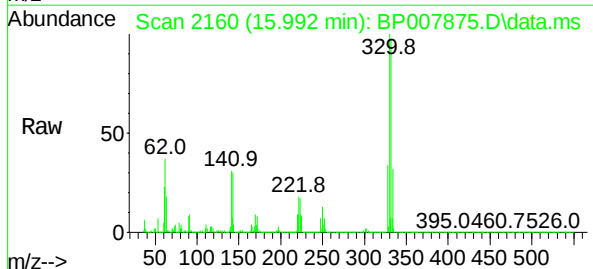
Instrument :
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Tgt Ion:	164	Resp:	235813
Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.1	121.7
160	43.9	36.0	54.0



Scan 2171 (16.057 min): BP007807.D\data.ms (-2160)
 2,4,6-Tribromophenol
 Concen: 138.13 ng
 RT: 15.992 min Scan# 2160
 Delta R.T. -0.006 min
 Lab File: BP007875.D
 Acq: 08 Nov 2021 23:12

Tgt Ion:	330	Resp:	464873
Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.9	118.3
141	33.7	30.7	46.1



Abundance Scan 1684 (13.192 min): BP007807.D\data.ms (-16745) (-)

2-Fluorobiphenyl

Concen: 92.38 ng

RT: 13.122 min Scan# 16745

Delta R.T. -0.012 min

Lab File: BP007875.D

Acq: 08 Nov 2021 23:12

Instrument :

BNA_P

ClientSampleId :

FIELD-BLANK

Tgt Ion:172 Resp: 1495970

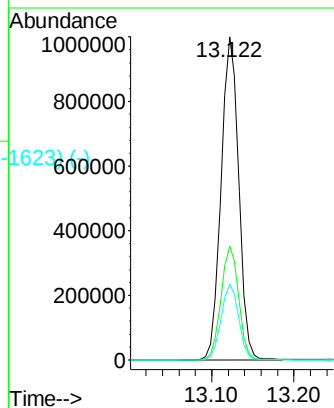
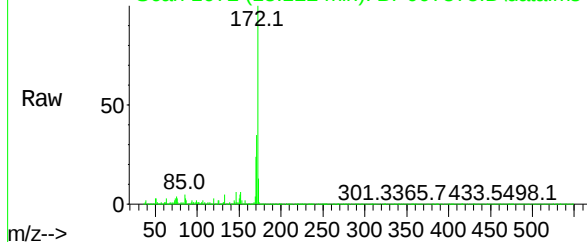
Ion Ratio Lower Upper

172 100

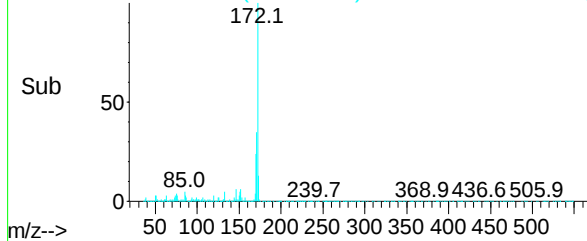
171 35.3 28.2 42.2

170 23.5 19.0 28.4

Abundance Scan 1672 (13.122 min): BP007875.D\data.ms



Abundance Scan 1672 (13.122 min): BP007875.D\data.ms (-1623) (-)



Abundance Scan 2386 (17.322 min): BP007807.D\data.ms (-2378) (-)

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.251 min Scan# 2374

Delta R.T. -0.012 min

Lab File: BP007875.D

Acq: 08 Nov 2021 23:12

Tgt Ion:188 Resp: 528222

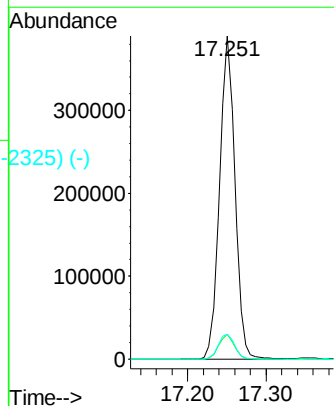
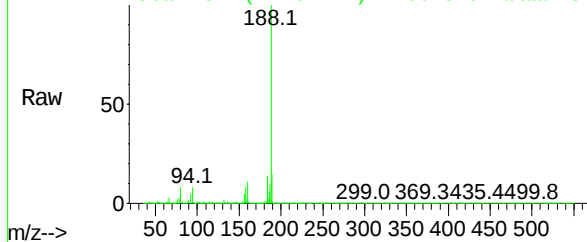
Ion Ratio Lower Upper

188 100

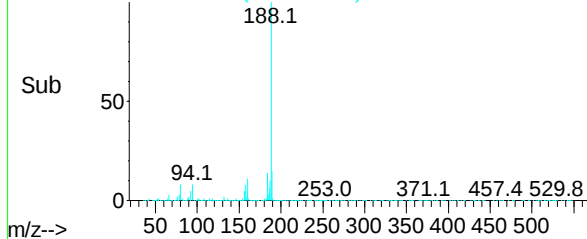
94 7.8 7.1 10.7

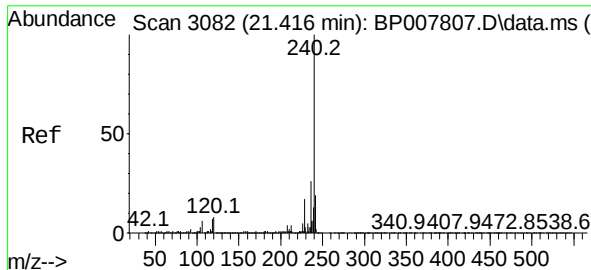
80 7.7 7.8 11.6#

Abundance Scan 2374 (17.251 min): BP007875.D\data.ms



Abundance Scan 2374 (17.251 min): BP007875.D\data.ms (-2325) (-)





Chrysene-d12

Concen: 20.00 ng

RT: 21.339 min Scan# 3069

Delta R.T. -0.012 min

Lab File: BP007875.D

Acq: 08 Nov 2021 23:12

Instrument :

BNA_P

ClientSampleId :

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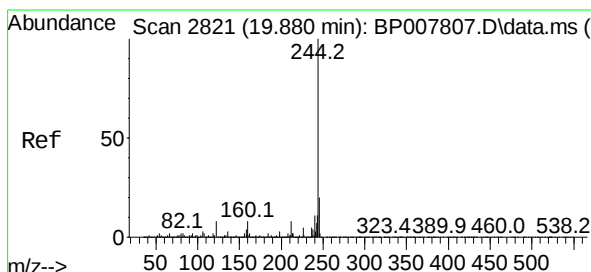
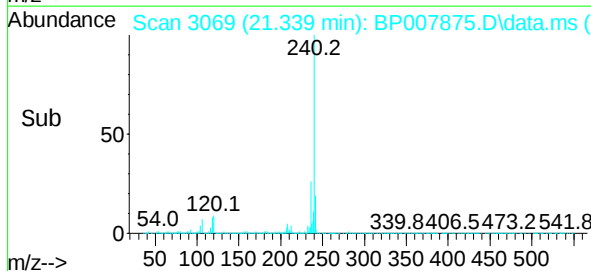
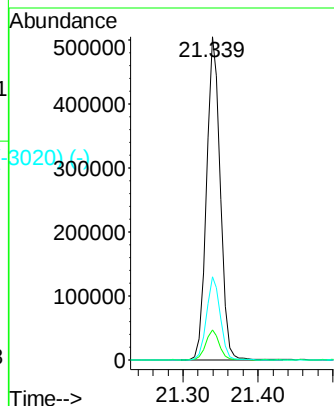
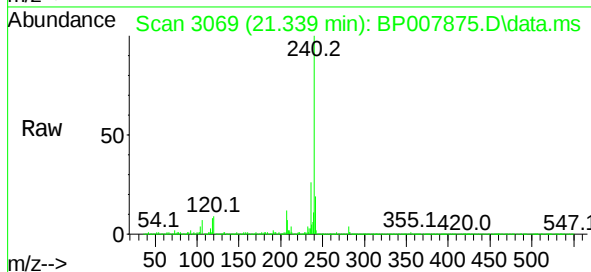
Tgt Ion:240 Resp: 650403

Ion Ratio Lower Upper

240 100

120 9.3 7.8 11.8

236 25.6 20.6 30.8



Terphenyl-d14

Concen: 89.42 ng

RT: 19.815 min Scan# 2810

Delta R.T. -0.006 min

Lab File: BP007875.D

Acq: 08 Nov 2021 23:12

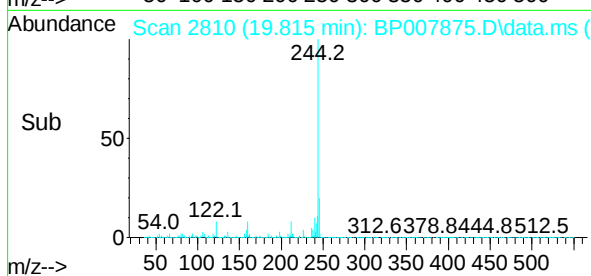
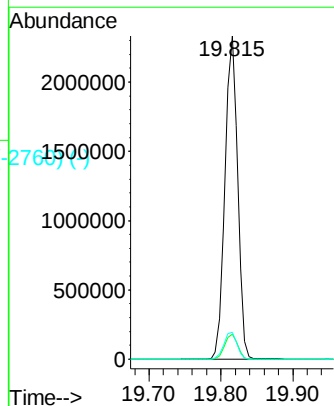
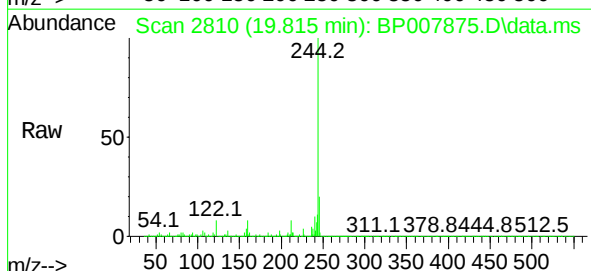
Tgt Ion:244 Resp: 2856144

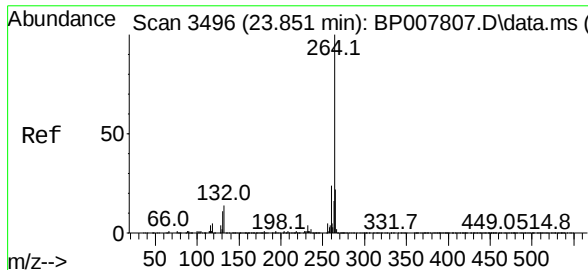
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 8.2 7.8 11.8





Perylene-d12
 Concen: 20.00 ng
 RT: 23.750 min Scan# 486
 Delta R.T. -0.018 min
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 Acq: 08 Nov 2021 23:12

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Tgt Ion:	264	Resp:	723639
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.1	28.7
265	22.3	16.7	25.1

