

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
 Data File : BP007954.D
 Acq On : 11 Nov 2021 20:04
 Operator : CG/JU
 Sample : M4630-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-13R-29.5-30

Quant Time: Nov 12 00:30:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 11 13:53:53 2021
 Response via : Initial Calibration

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

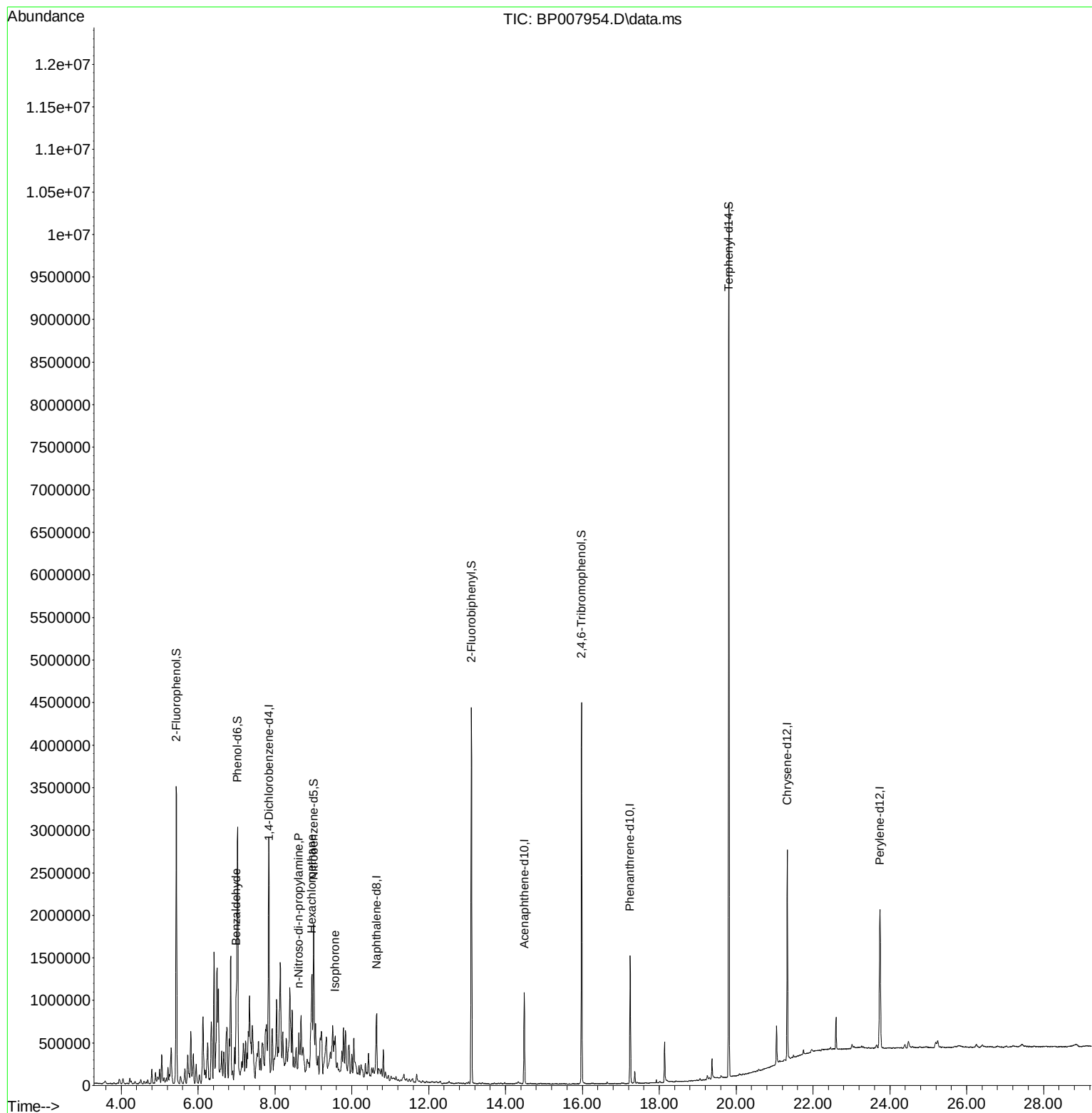
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	145049	20.00	ng	0.00
21) Naphthalene-d8	10.646	136	517119	20.00	ng	0.00
39) Acenaphthene-d10	14.487	164	371437	20.00	ng	0.00
64) Phenanthrene-d10	17.240	188	868962	20.00	ng	# 0.00
76) Chrysene-d12	21.333	240	1163962	20.00	ng	# 0.00
86) Perylene-d12	23.739	264	1292563	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1317583	154.05	ng	0.00
7) Phenol-d6	7.028	99	1567991	126.66	ng	0.00
23) Nitrobenzene-d5	9.011	82	949620	98.64	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	924843	174.47	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	2275671	89.22	ng	0.00
79) Terphenyl-d14	19.810	244	4724489	82.65	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	80	Below Cal	#	23
9) Benzaldehyde	6.993	77	16332	2.43 ng	#	8
18) Hexachloroethane	8.958	117	48167	13.00 ng	#	1
19) n-Nitroso-di-n-propyla...	8.622	70	24975	3.30 ng	#	72
25) Isophorone	9.569	82	41266	2.36 ng	#	1

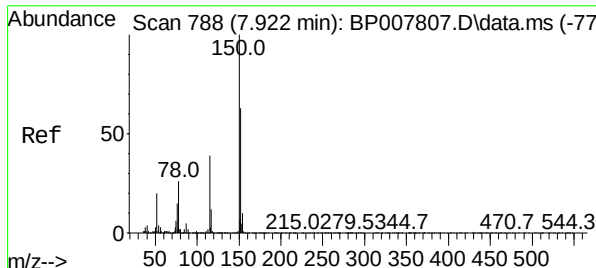
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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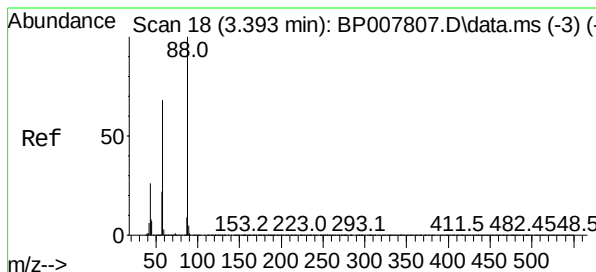
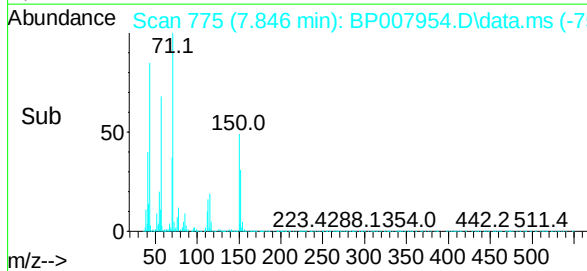
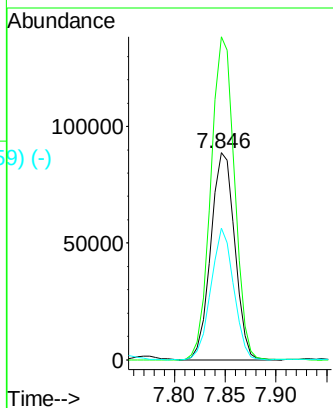
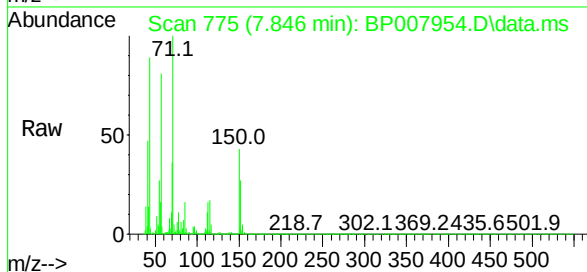




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.846 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP007954.D
 Acq: 11 Nov 2021 20:04

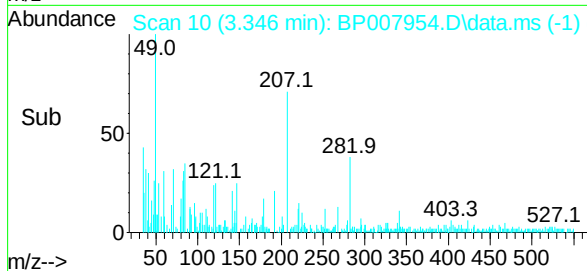
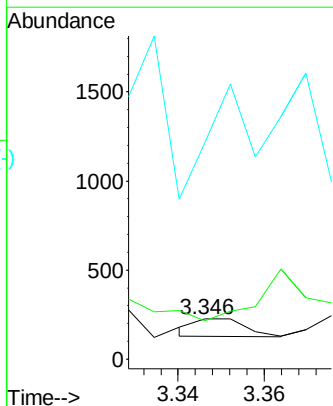
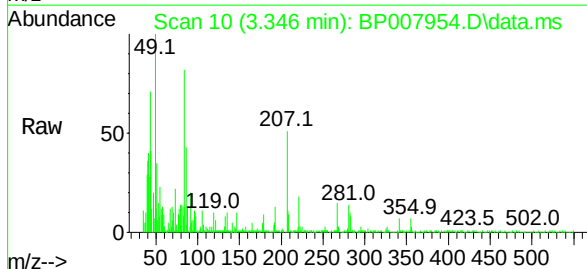
Instrument :
 BNA_P
 ClientSampleId :
 SB-13R-29.5-30

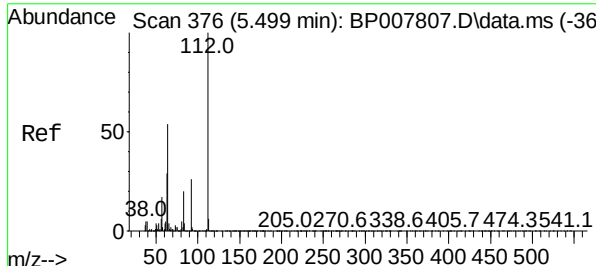
Tgt Ion:	152	Resp:	145049
Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.1	186.1
115	63.7	48.1	72.1



1,4-Dioxane
 Concen: Below Cal
 RT: 3.346 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: BP007954.D
 Acq: 11 Nov 2021 20:04

Tgt Ion:	88	Resp:	80
Ion	Ratio	Lower	Upper
88	100		
58	0.0	58.1	87.1#
43	0.0	22.2	33.4#





2-Fluorophenol

Concen: 154.05 ng

RT: 5.434 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP007954.D

Acq: 11 Nov 2021 20:04

Instrument :

BNA_P

ClientSampleId :

SB-13R-29.5-30

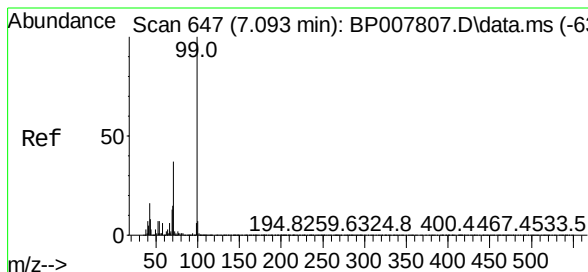
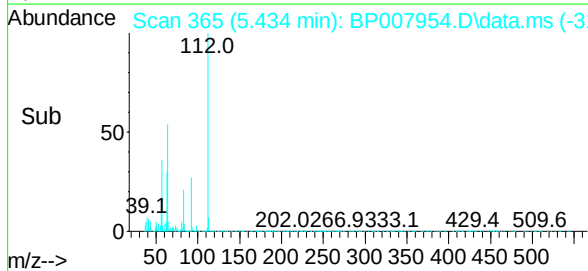
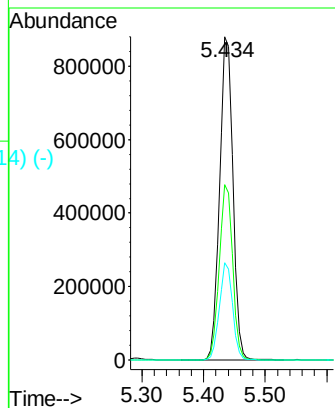
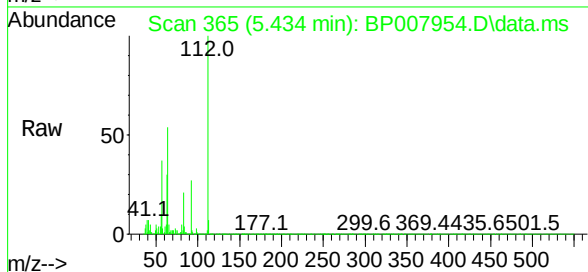
Tgt Ion:112 Resp: 1317583

Ion Ratio Lower Upper

112 100

64 54.2 46.6 70.0

63 30.2 25.0 37.6



Phenol-d6

Concen: 126.66 ng

RT: 7.028 min Scan# 636

Delta R.T. 0.000 min

Lab File: BP007954.D

Acq: 11 Nov 2021 20:04

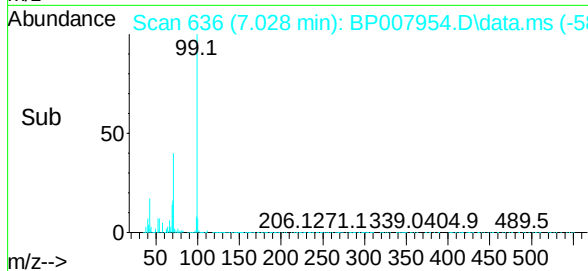
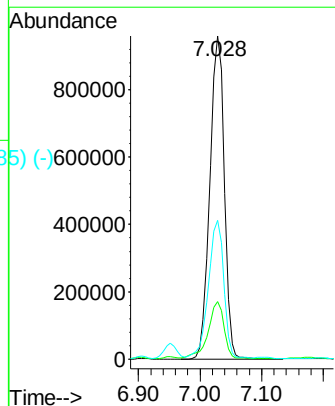
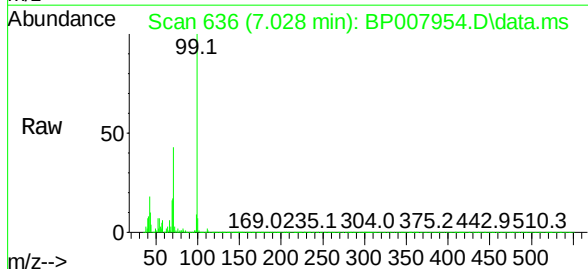
Tgt Ion: 99 Resp: 1567991

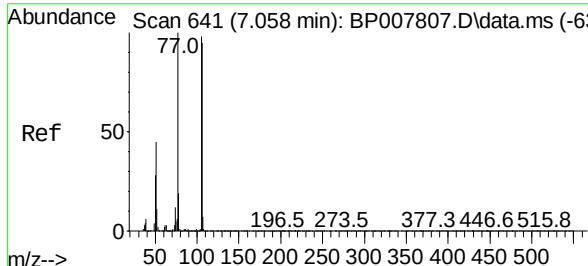
Ion Ratio Lower Upper

99 100

42 17.8 14.9 22.3

71 42.9 29.2 43.8





Benzaldehyde

Concen: 2.43 ng

RT: 6.993 min Scan#

Delta R.T. 0.000 min

Lab File: BP007954.D

Acq: 11 Nov 2021 20:04

Instrument :

BNA_P

ClientSampleId :

SB-13R-29.5-30

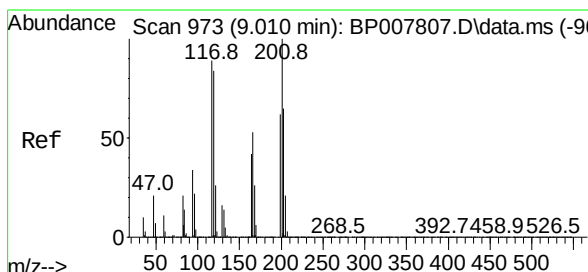
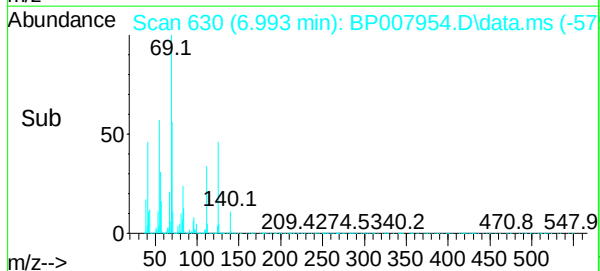
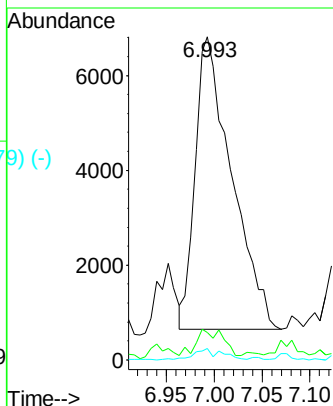
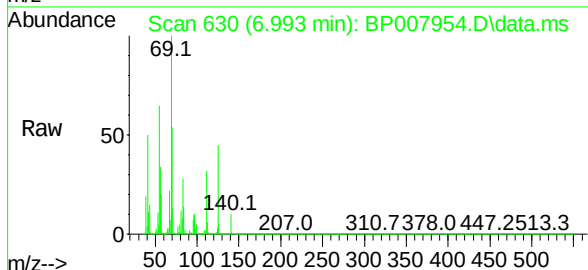
Tgt Ion: 77 Resp: 16332

Ion Ratio Lower Upper

77 100

105 8.6 77.5 117.5#

106 3.5 72.1 112.1#



Hexachloroethane

Concen: 13.00 ng

RT: 8.958 min Scan# 964

Delta R.T. 0.024 min

Lab File: BP007954.D

Acq: 11 Nov 2021 20:04

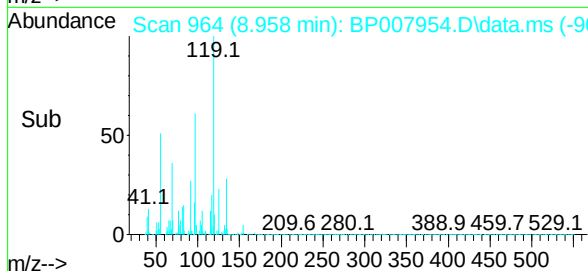
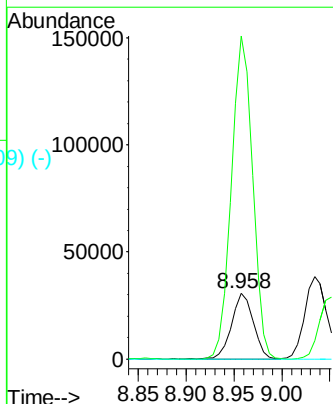
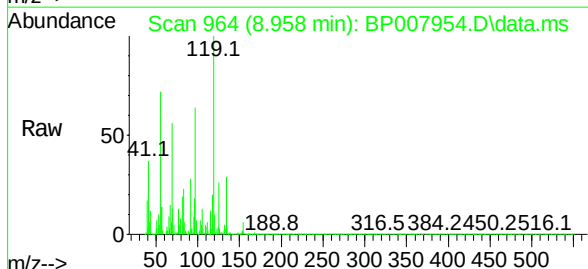
Tgt Ion: 117 Resp: 48167

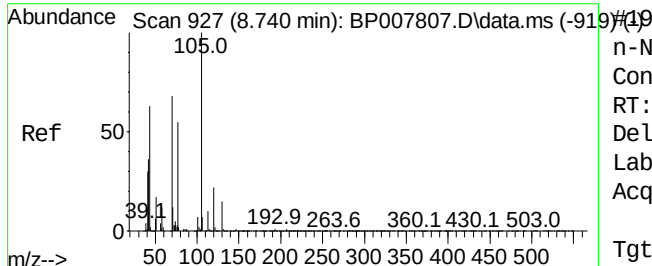
Ion Ratio Lower Upper

117 100

119 490.5 77.6 116.4#

201 0.0 82.9 124.3#

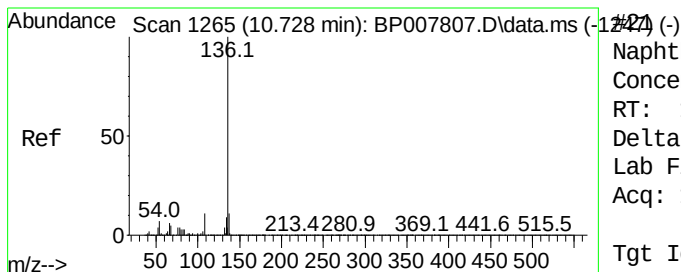
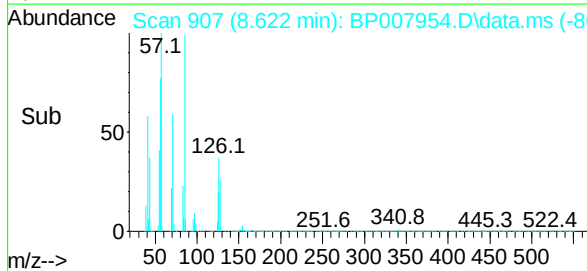
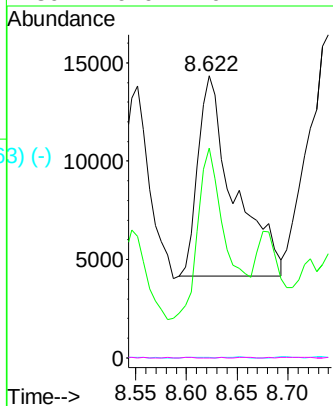
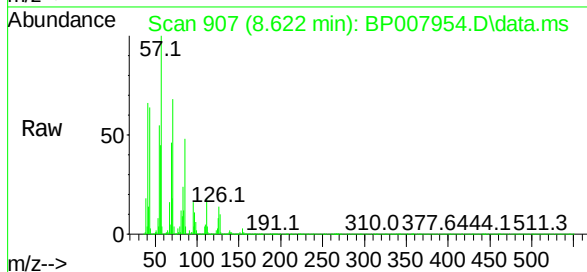




n-Nitroso-di-n-propylamine
 Concen: 3.30 ng
 RT: 8.622 min Scan# 119
 Delta R.T. -0.041 min
 Lab File: BP007954.D
 Acq: 11 Nov 2021 20:04

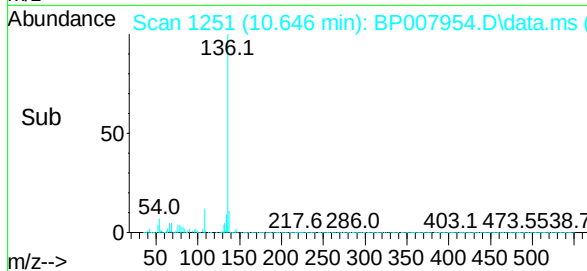
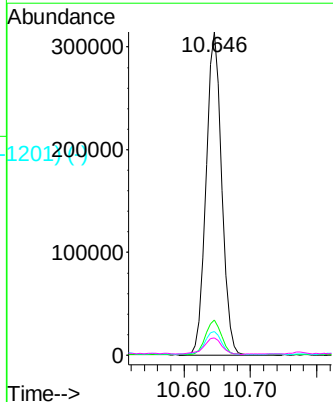
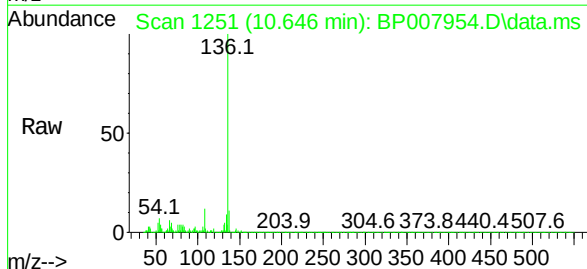
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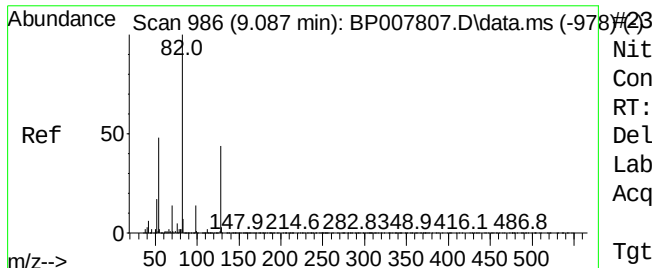
Tgt Ion:	70	Resp:	24975
Ion	Ratio	Lower	Upper
70	100		
42	74.2	46.2	69.2#
101	0.1	7.7	11.5#
130	0.0	16.2	24.4#



Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.646 min Scan# 1251
 Delta R.T. -0.006 min
 Lab File: BP007954.D
 Acq: 11 Nov 2021 20:04

Tgt Ion:	136	Resp:	517119
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.3	6.2	9.4
68	5.3	4.7	7.1





Nitrobenzene-d5

Concen: 98.64 ng

RT: 9.011 min Scan# 1068

Delta R.T. 0.000 min

Lab File: BP007954.D

Acq: 11 Nov 2021 20:04

Instrument :

BNP_P

ClientSampleId :

SB-13R-29.5-30

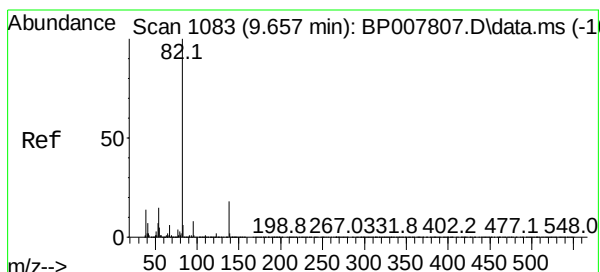
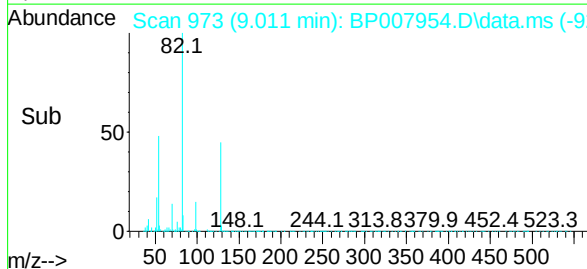
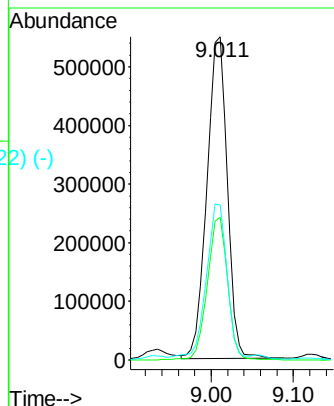
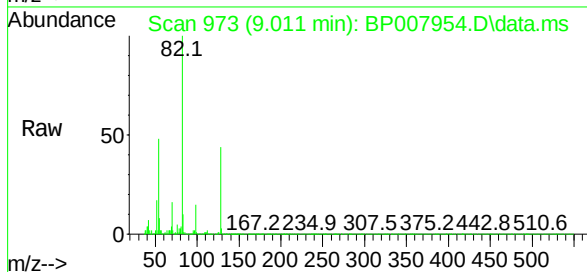
Tgt Ion: 82 Resp: 949620

Ion Ratio Lower Upper

82 100

128 44.1 32.6 48.8

54 47.9 40.4 60.6



Isophorone

Concen: 2.36 ng

RT: 9.569 min Scan# 1068

Delta R.T. -0.018 min

Lab File: BP007954.D

Acq: 11 Nov 2021 20:04

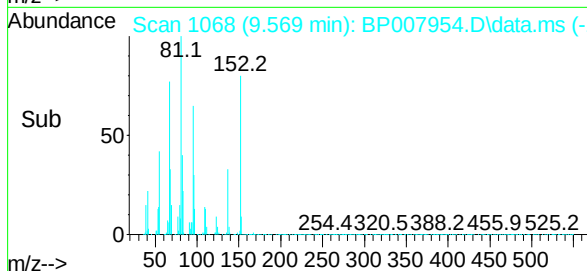
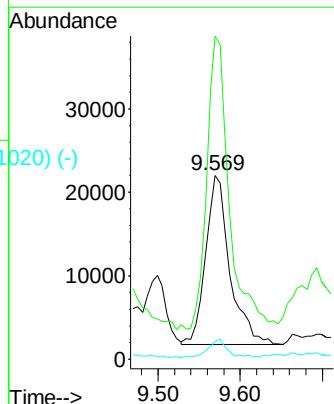
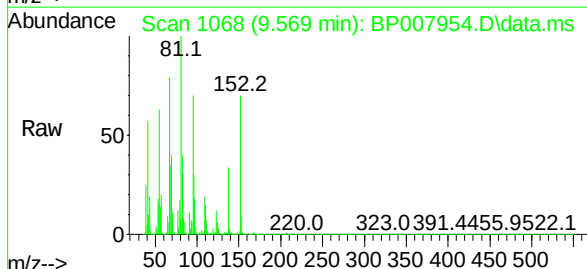
Tgt Ion: 82 Resp: 41266

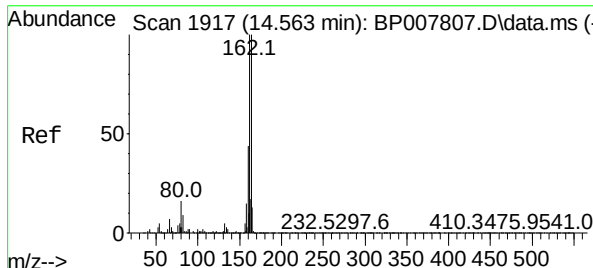
Ion Ratio Lower Upper

82 100

95 175.8 6.2 9.2#

138 9.9 14.0 21.0#

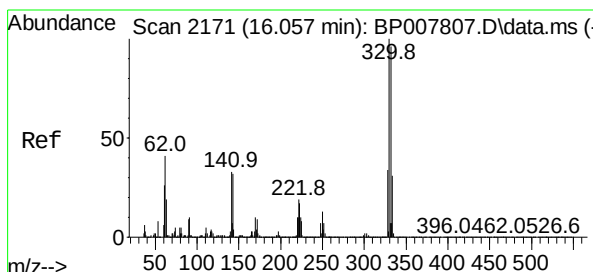
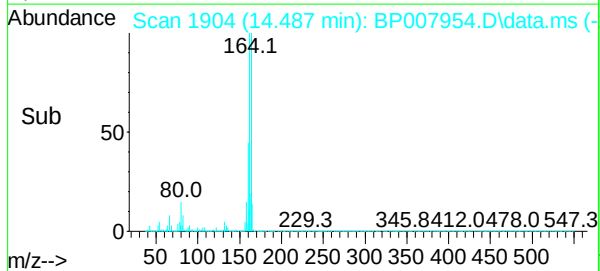
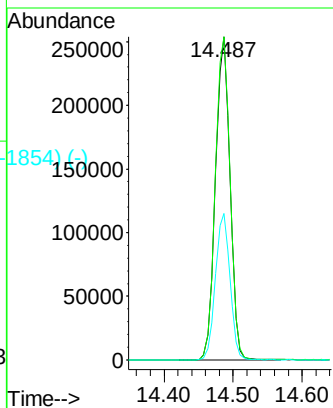
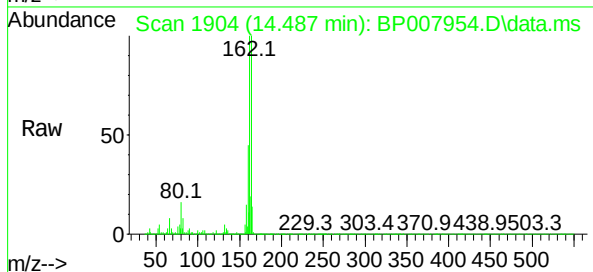




Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.487 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: BP007954.D
 Acq: 11 Nov 2021 20:04

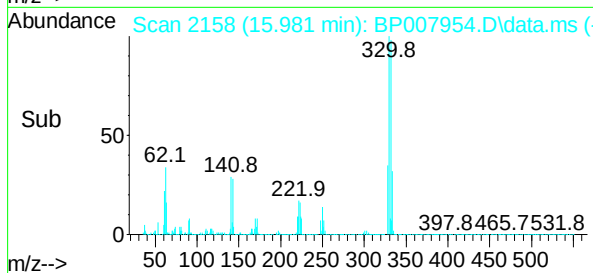
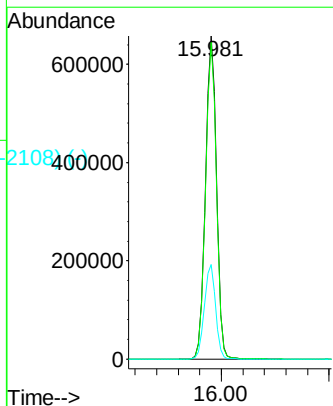
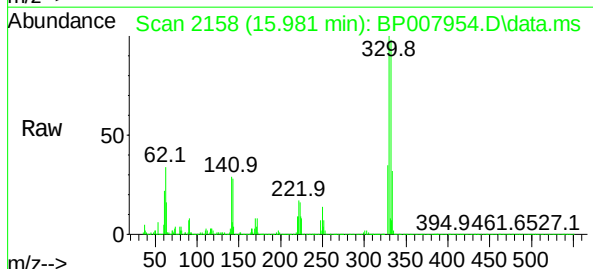
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 SB-13R-29.5-30

Tgt Ion:	164	Resp:	371437
Ion Ratio	Lower	Upper	
164	100		
162	100.0	81.1	121.7
160	45.4	36.0	54.0

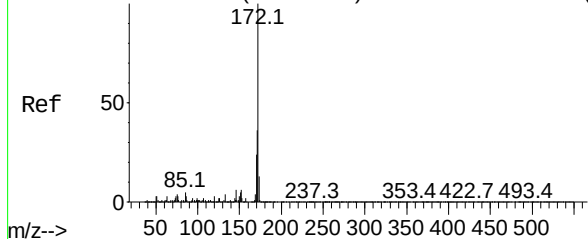


2,4,6-Tribromophenol
 Concen: 174.47 ng
 RT: 15.981 min Scan# 2158
 Delta R.T. -0.006 min
 Lab File: BP007954.D
 Acq: 11 Nov 2021 20:04

Tgt Ion:	330	Resp:	924843
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.9	118.3
141	29.8	30.7	46.1#



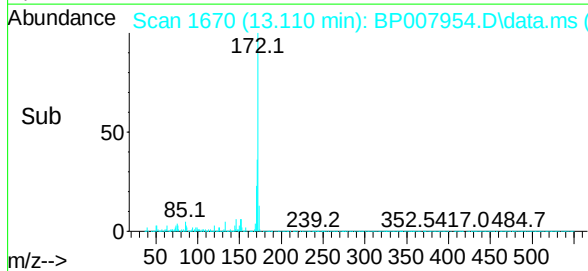
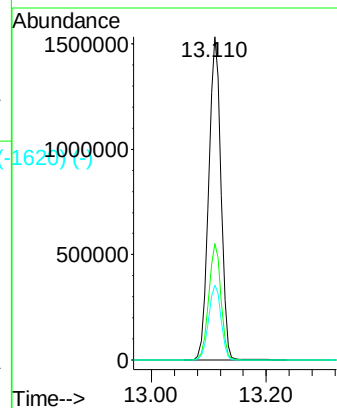
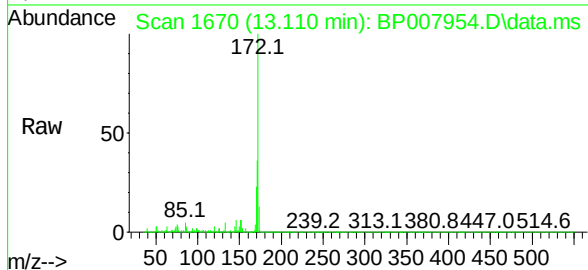
Abundance Scan 1684 (13.192 min): BP007807.D\data.ms (-16745) (-)



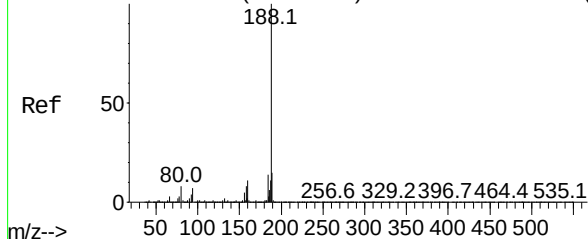
2-Fluorobiphenyl
Concen: 89.22 ng
RT: 13.110 min Scan# 16745
Delta R.T. -0.006 min
Lab File: BP007954.D
Acq: 11 Nov 2021 20:04

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Tgt Ion:	172	Resp:	2275671
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.2
170	23.2	19.0	28.4

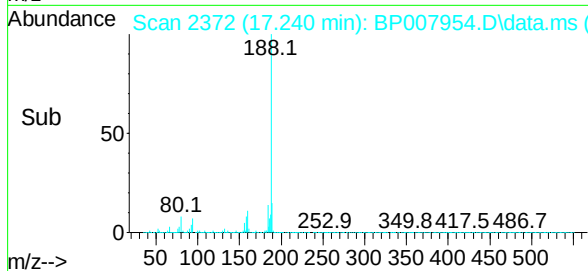
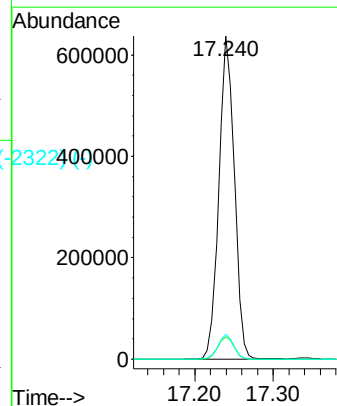
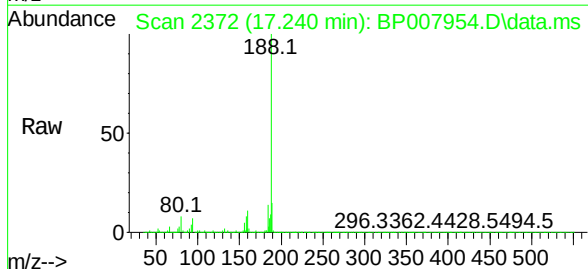


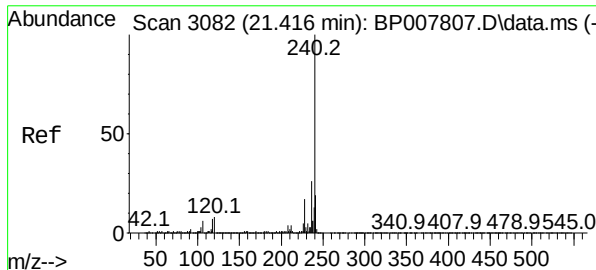
Abundance Scan 2386 (17.322 min): BP007807.D\data.ms (-23764) (-)



Phenanthrene-d10
Concen: 20.00 ng
RT: 17.240 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP007954.D
Acq: 11 Nov 2021 20:04

Tgt Ion:	188	Resp:	868962
Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.1	10.7#
80	7.7	7.8	11.6#





Chrysene-d12

Concen: 20.00 ng

RT: 21.333 min Scan# 3068

Delta R.T. -0.006 min

Lab File: BP007954.D

Acq: 11 Nov 2021 20:04

Instrument :

BNA_P

ClientSampleId :

SB-13R-29.5-30

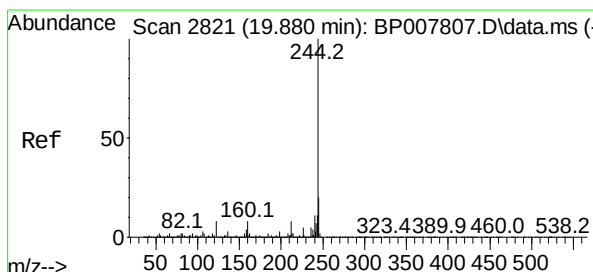
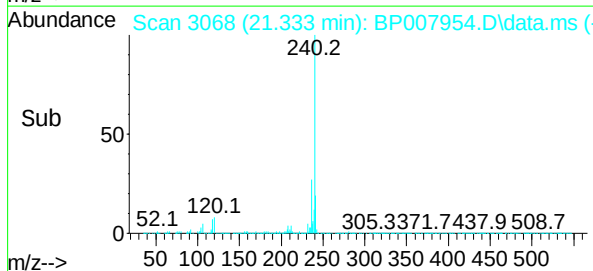
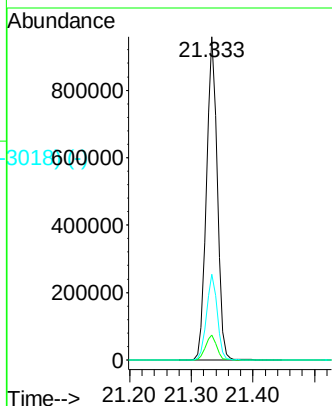
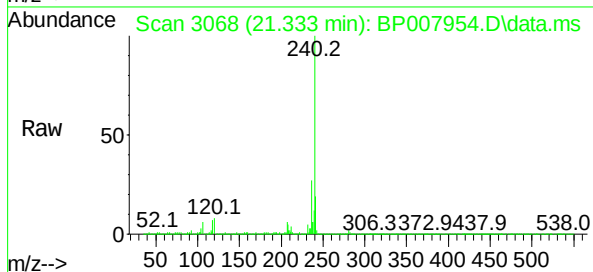
Tgt Ion:240 Resp: 1163962

Ion Ratio Lower Upper

240 100

120 7.7 7.8 11.8#

236 26.5 20.6 30.8



Terphenyl-d14

Concen: 82.65 ng

RT: 19.810 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BP007954.D

Acq: 11 Nov 2021 20:04

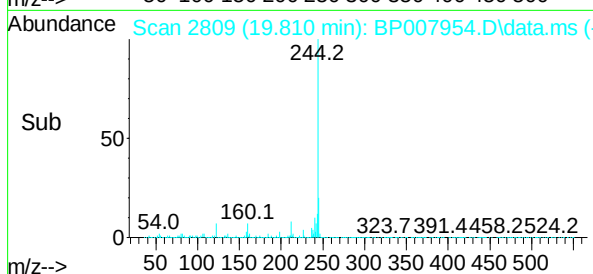
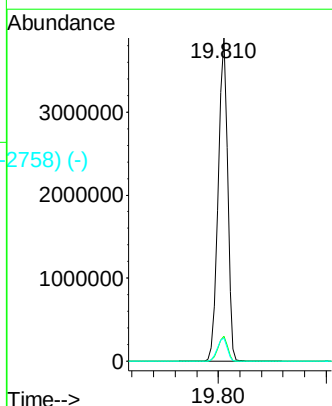
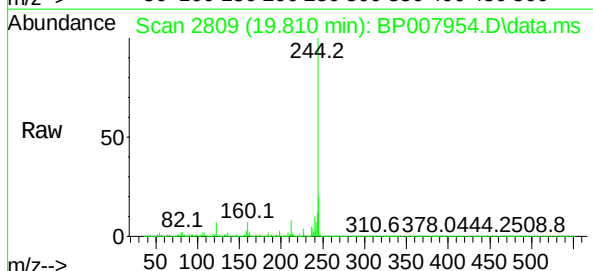
Tgt Ion:244 Resp: 4724489

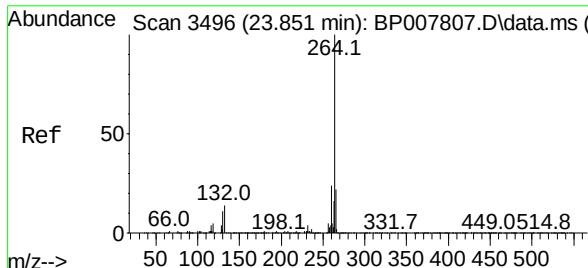
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 7.0 7.8 11.8#





Perylene-d12
 Concen: 20.00 ng
 RT: 23.739 min Scan# 486
 Delta R.T. -0.012 min
 Lab File: BP007954.D
 Acq: 11 Nov 2021 20:04

Instrument :
 BNA_P
ClientSampleId :
 SB-13R-29.5-30

Tgt Ion:	264	Resp:	1292563
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	22.1	16.7	25.1

