

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
 Data File : BP007878.D
 Acq On : 09 Nov 2021 00:54
 Operator : CG/JU
 Sample : M4477-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T5-EP2-NW

Quant Time: Nov 09 08:48:13 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)

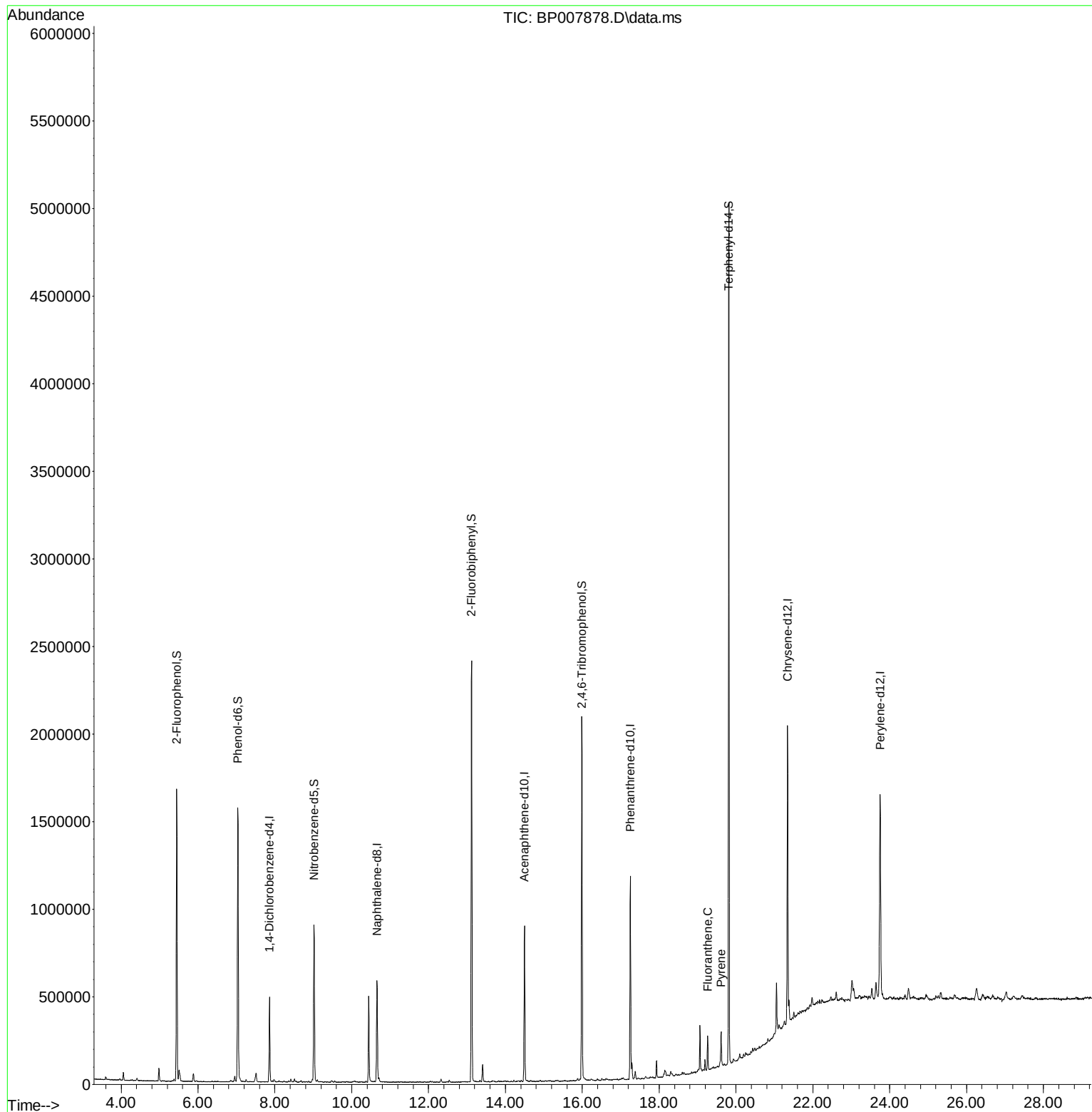
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	132839	20.00	ng	-0.01
21) Naphthalene-d8	10.657	136	469196	20.00	ng	-0.01
39) Acenaphthene-d10	14.498	164	304689	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	666133	20.00	ng	-0.01
76) Chrysene-d12	21.339	240	794135	20.00	ng	-0.01
86) Perylene-d12	23.751	264	887901	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	690967	88.21	ng	0.00
7) Phenol-d6	7.034	99	884863	78.05	ng	-0.01
23) Nitrobenzene-d5	9.016	82	499471	57.18	ng	-0.02
42) 2,4,6-Tribromophenol	15.992	330	399536	91.88	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1239246	59.23	ng	-0.01
79) Terphenyl-d14	19.816	244	2279838	58.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.358	88	281	Below Cal	Qvalue #	1
75) Fluoranthene	19.263	202	112744	2.55	ng	97
78) Pyrene	19.616	202	115675	2.37	ng	99

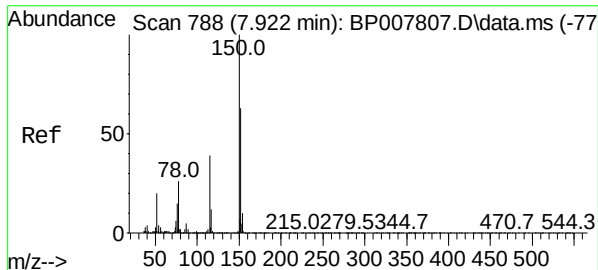
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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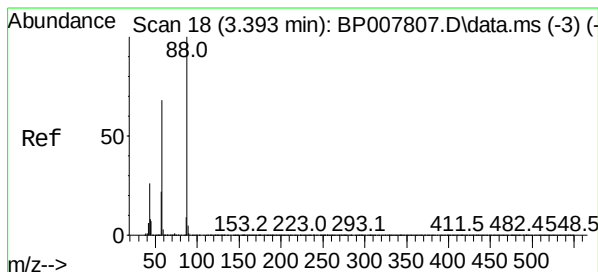
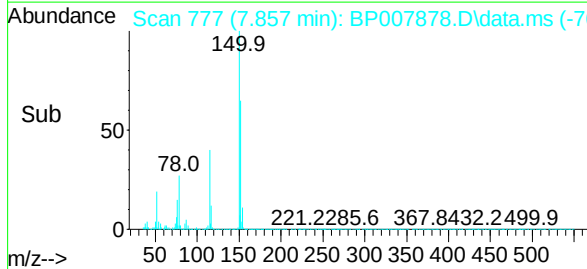
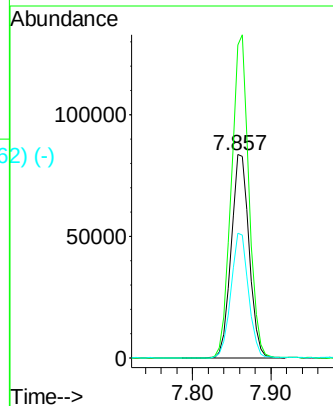
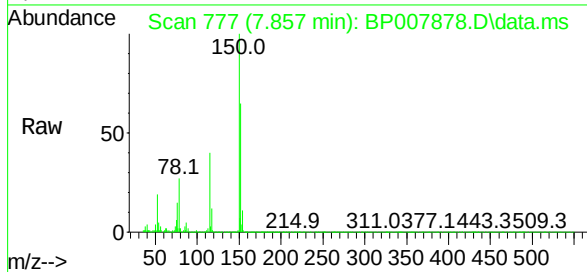




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.857 min Scan#
 Delta R.T. -0.012 min
 Lab File: BP007878.D
 Acq: 09 Nov 2021 00:54

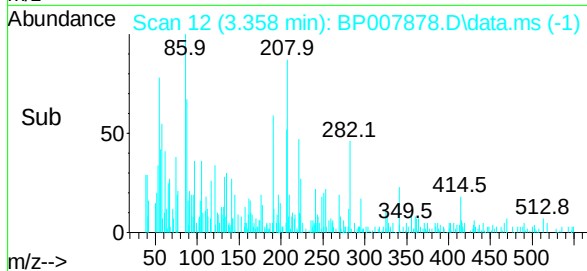
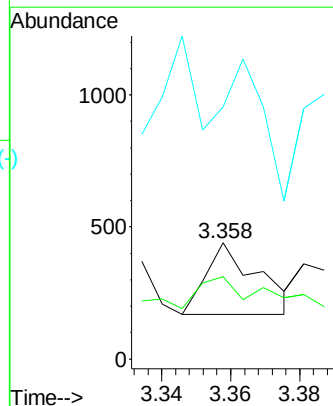
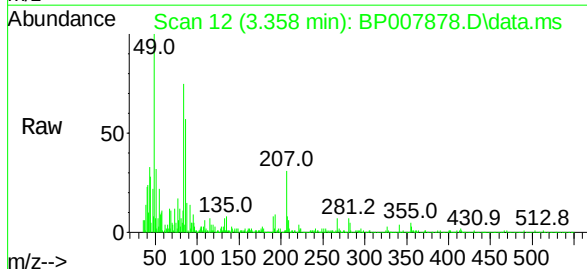
Instrument :
 BNA_P
 ClientSampleId :
 T5-EP2-NW

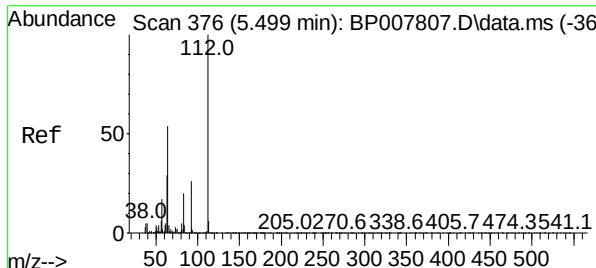
Tgt Ion:152 Resp: 132839
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.1 186.1
 115 61.4 48.1 72.1



1,4-Dioxane
 Concen: Below Cal
 RT: 3.358 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: BP007878.D
 Acq: 09 Nov 2021 00:54

Tgt Ion: 88 Resp: 281
 Ion Ratio Lower Upper
 88 100
 58 201.8 58.1 87.1#
 43 87.9 22.2 33.4#

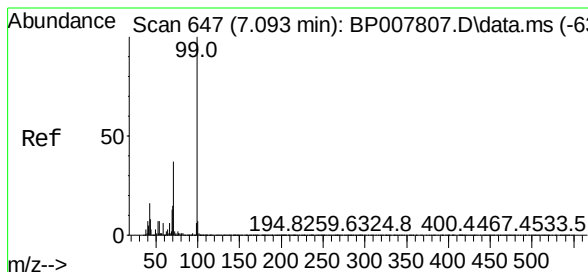
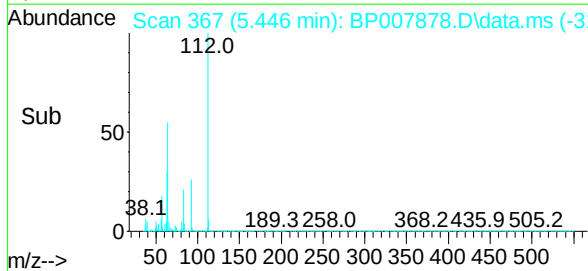
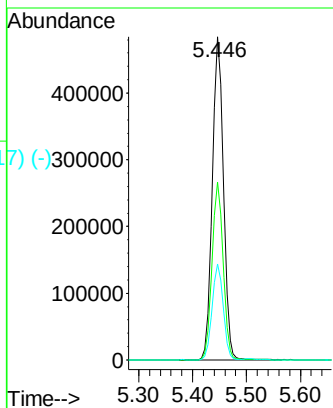
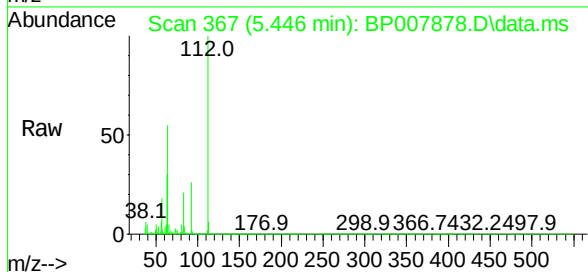




Scan 376 (5.499 min): BP007807.D\data.ms (-365) #5
 2-Fluorophenol
 Concen: 88.21 ng
 RT: 5.446 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BP007878.D
 Acq: 09 Nov 2021 00:54

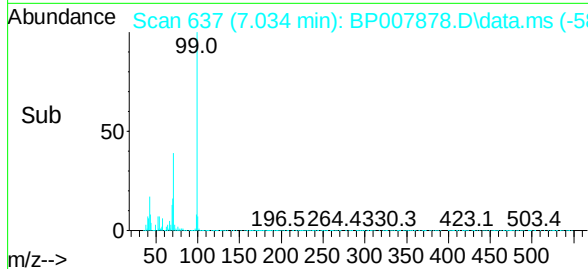
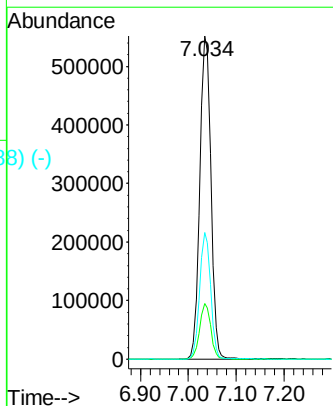
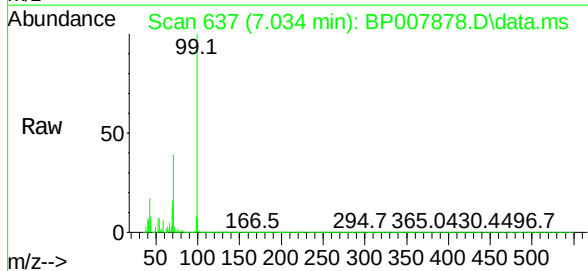
Instrument :
 BNA_P
 ClientSampleId :
 T5-EP2-NW

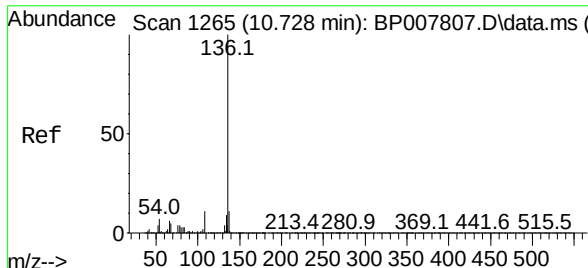
Tgt Ion:	112	Resp:	690967
Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.6	70.0
63	29.7	25.0	37.6



Scan 647 (7.093 min): BP007807.D\data.ms (-633) #7
 Phenol-d6
 Concen: 78.05 ng
 RT: 7.034 min Scan# 637
 Delta R.T. -0.012 min
 Lab File: BP007878.D
 Acq: 09 Nov 2021 00:54

Tgt Ion:	99	Resp:	884863
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.9	22.3
71	39.2	29.2	43.8

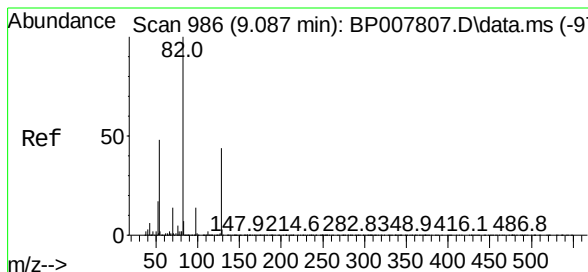
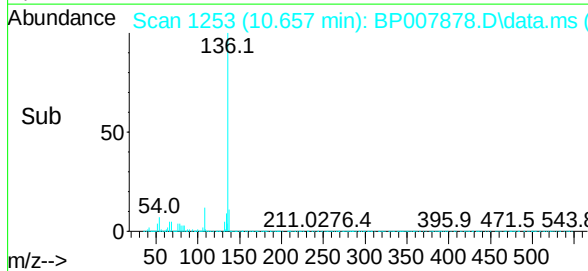
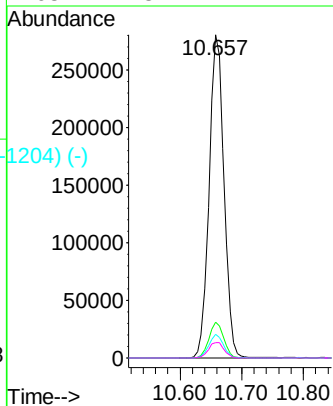
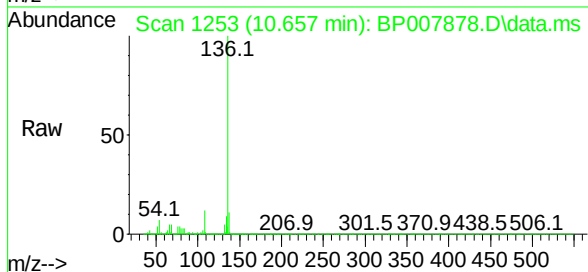




Naphthalene-d8
Concen: 20.00 ng
RT: 10.657 min Scan# 1253
Delta R.T. -0.012 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

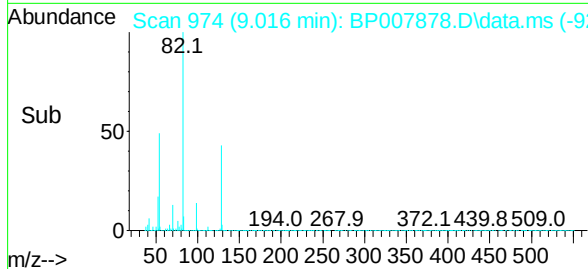
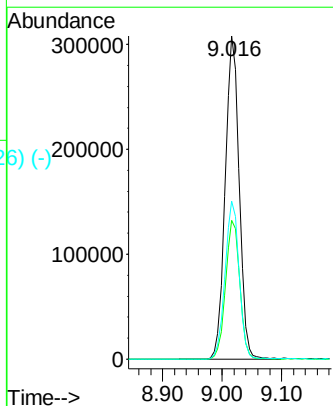
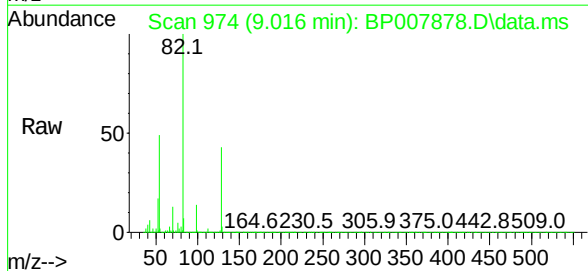
Instrument :
BNA_P
ClientSampleId :
T5-EP2-NW

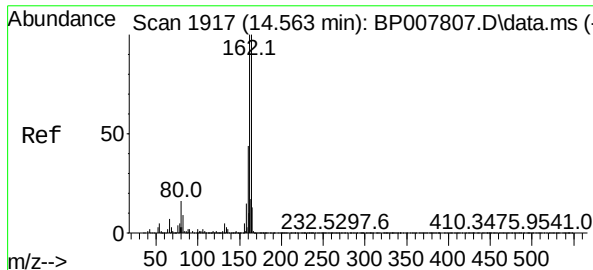
Tgt Ion:	136	Resp:	469196
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.2	6.2	9.4
68	4.8	4.7	7.1



Nitrobenzene-d5
Concen: 57.18 ng
RT: 9.016 min Scan# 974
Delta R.T. -0.018 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

Tgt Ion:	82	Resp:	499471
Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.6	48.8
54	48.9	40.4	60.6





Acenaphthene-d10

Concen: 20.00 ng

RT: 14.498 min Scan#

Delta R.T. -0.006 min

Lab File: BP007878.D

Acq: 09 Nov 2021 00:54

Instrument :

BNA_P

ClientSampleId :

T5-EP2-NW

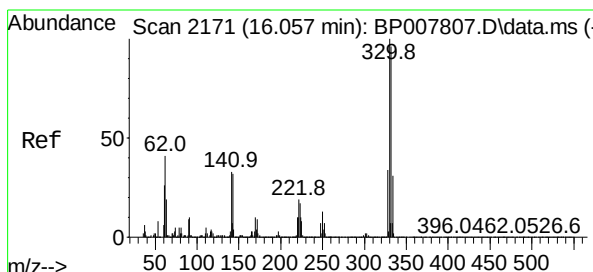
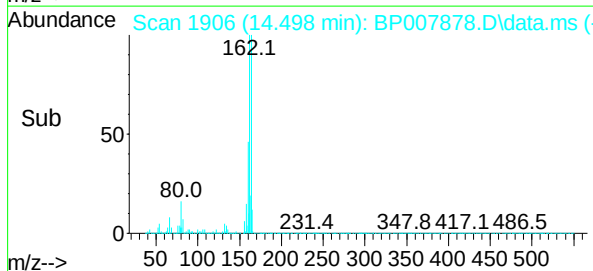
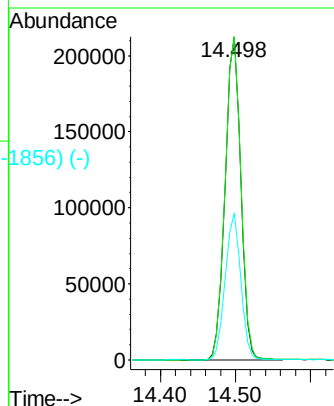
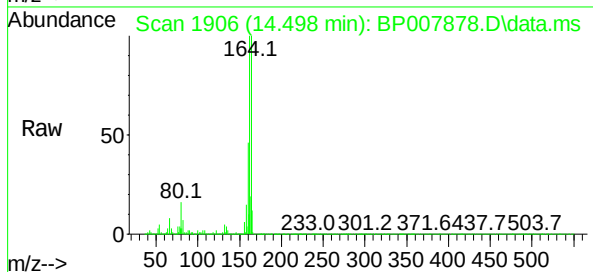
Tgt Ion:164 Resp: 304689

Ion Ratio Lower Upper

164 100

162 100.0 81.1 121.7

160 45.6 36.0 54.0



2,4,6-Tribromophenol

Concen: 91.88 ng

RT: 15.992 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BP007878.D

Acq: 09 Nov 2021 00:54

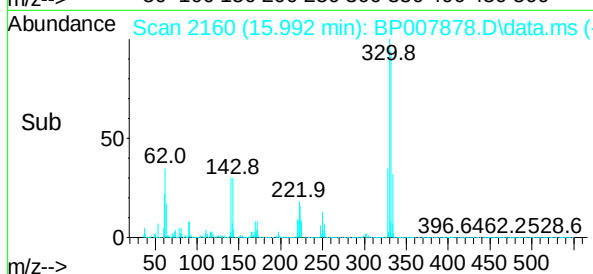
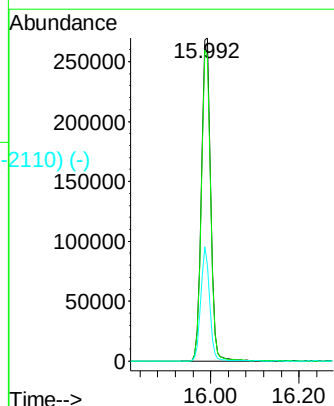
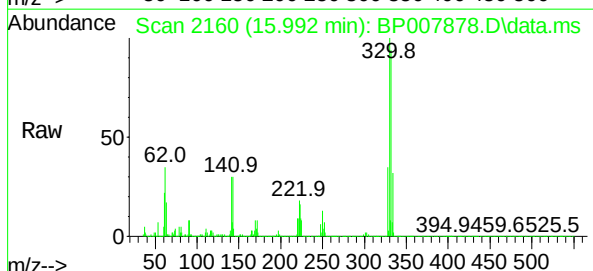
Tgt Ion:330 Resp: 399536

Ion Ratio Lower Upper

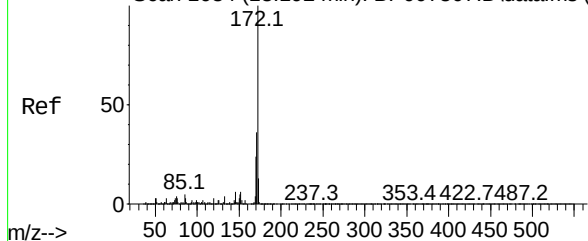
330 100

332 96.0 78.9 118.3

141 33.6 30.7 46.1



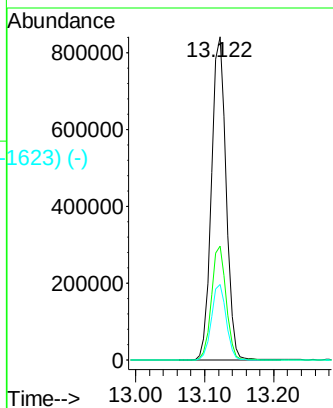
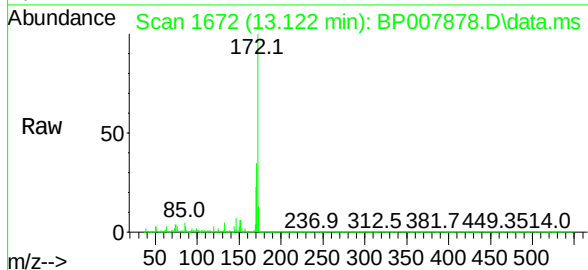
Abundance Scan 1684 (13.192 min): BP007807.D\data.ms (-16745) (-)



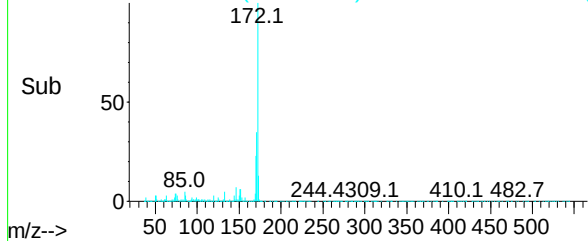
2-Fluorobiphenyl
Concen: 59.23 ng
RT: 13.122 min Scan# 16745
Delta R.T. -0.012 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

Instrument :
BNA_P
ClientSampleId :
T5-EP2-NW

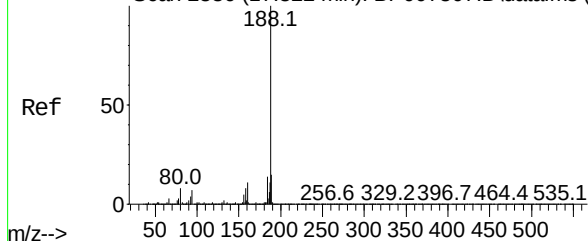
Tgt Ion:	172	Resp:	1239246
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.4	19.0	28.4



Abundance Scan 1672 (13.122 min): BP007878.D\data.ms (-1623) (-)

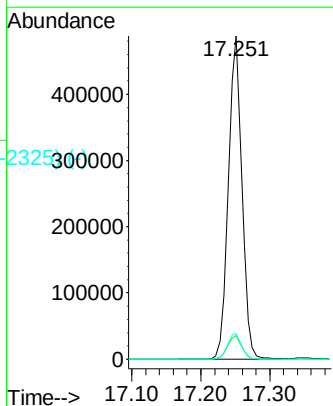
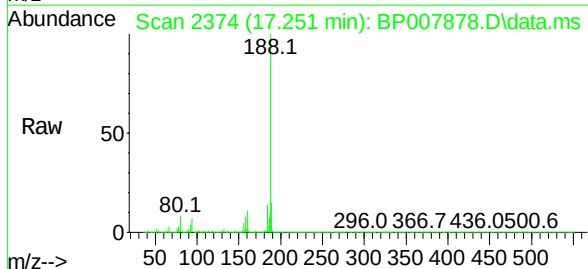


Abundance Scan 2386 (17.322 min): BP007807.D\data.ms (-23784) (-)

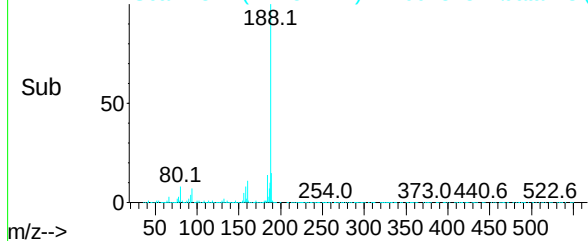


Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2374
Delta R.T. -0.012 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

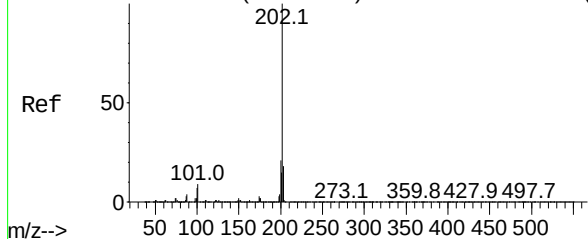
Tgt Ion:	188	Resp:	666133
Ion	Ratio	Lower	Upper
188	100		
94	7.3	7.1	10.7
80	8.0	7.8	11.6



Abundance Scan 2374 (17.251 min): BP007878.D\data.ms (-23253) (-)



Abundance Scan 2727 (19.327 min): BP007807.D\data.ms (-2727) (-)



Fluoranthene

Concen: 2.55 ng

RT: 19.263 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP007878.D

Acq: 09 Nov 2021 00:54

Instrument :

BNA_P

ClientSampleId :

T5-EP2-NW

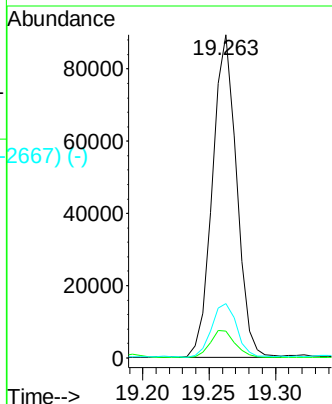
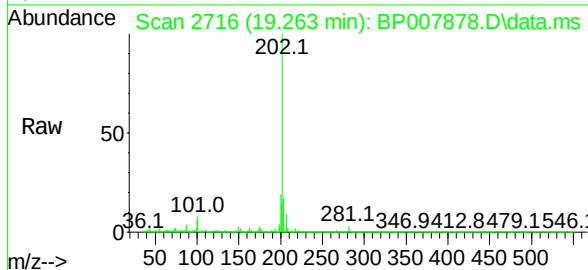
Tgt Ion:202 Resp: 112744

Ion Ratio Lower Upper

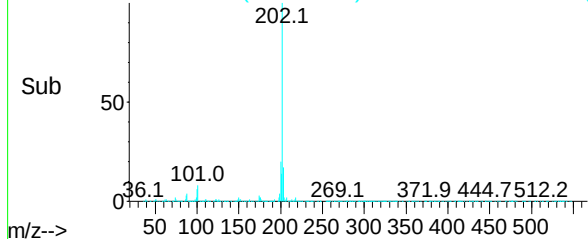
202 100

101 8.2 0.0 30.4

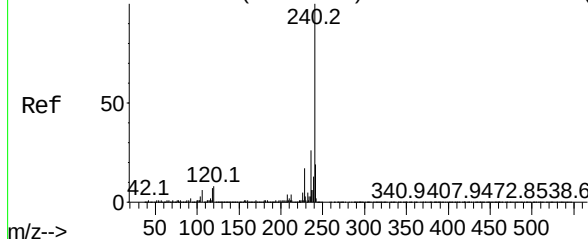
203 16.9 0.0 37.6



Abundance Scan 2716 (19.263 min): BP007878.D\data.ms (-2716) (-)



Abundance Scan 3082 (21.416 min): BP007807.D\data.ms (-3073) (-)



Chrysene-d12

Concen: 20.00 ng

RT: 21.339 min Scan# 3069

Delta R.T. -0.012 min

Lab File: BP007878.D

Acq: 09 Nov 2021 00:54

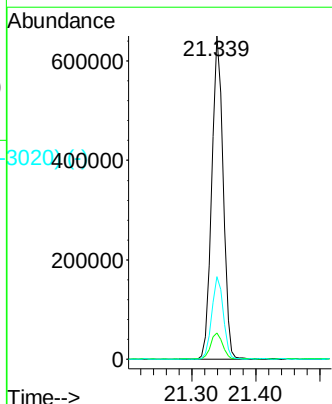
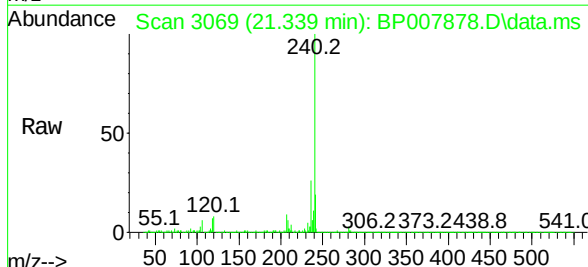
Tgt Ion:240 Resp: 794135

Ion Ratio Lower Upper

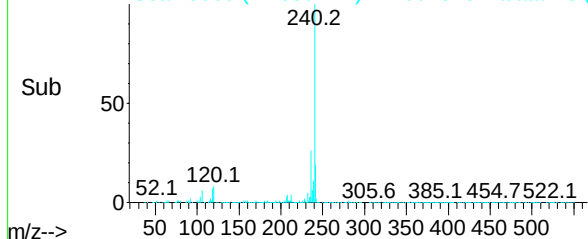
240 100

120 8.0 7.8 11.8

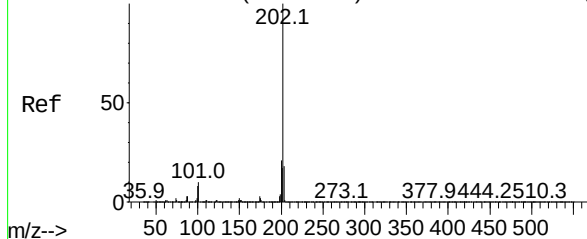
236 25.6 20.6 30.8



Abundance Scan 3069 (21.339 min): BP007878.D\data.ms (-3020) (-)



Abundance Scan 2787 (19.680 min): BP007807.D\data.ms (-2778) (-)



Pyrene

Concen: 2.37 ng

RT: 19.616 min Scan# 2776

Delta R.T. -0.012 min

Lab File: BP007878.D

Acq: 09 Nov 2021 00:54

Instrument :

BNA_P

ClientSampleId :

T5-EP2-NW

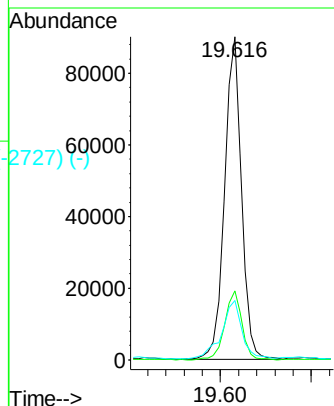
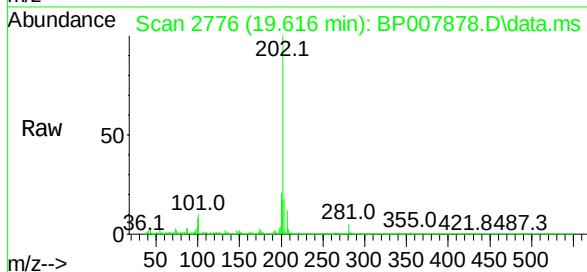
Tgt Ion:202 Resp: 115675

Ion Ratio Lower Upper

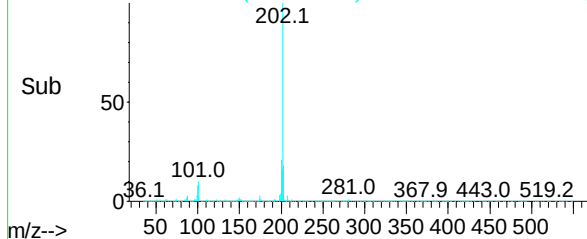
202 100

200 21.3 16.9 25.3

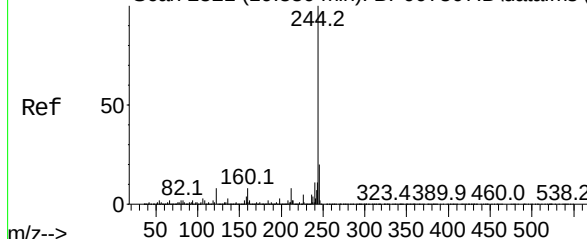
203 18.4 13.8 20.6



Abundance Scan 2776 (19.616 min): BP007878.D\data.ms (-2727) (-)



Abundance Scan 2821 (19.880 min): BP007807.D\data.ms (-2810) (-)



Terphenyl-d14

Concen: 58.46 ng

RT: 19.816 min Scan# 2810

Delta R.T. -0.006 min

Lab File: BP007878.D

Acq: 09 Nov 2021 00:54

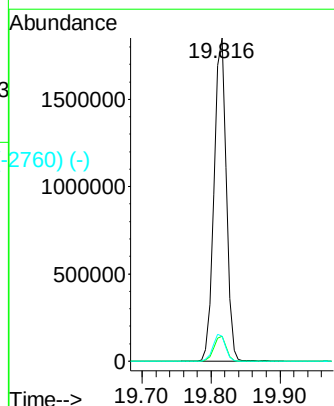
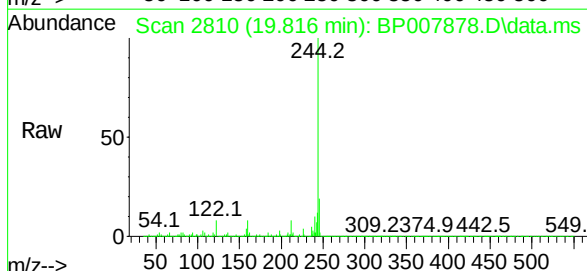
Tgt Ion:244 Resp: 2279838

Ion Ratio Lower Upper

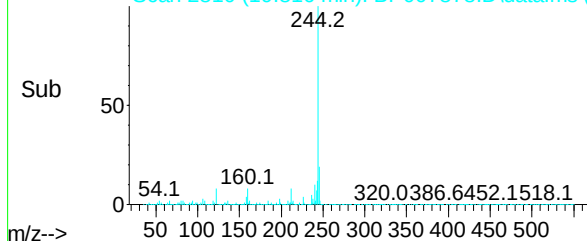
244 100

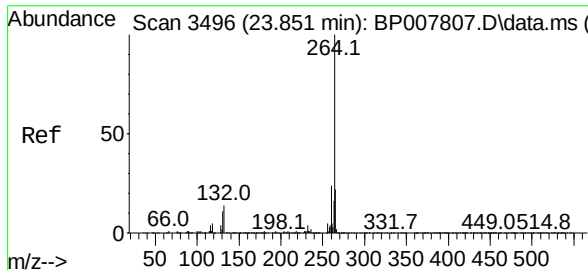
212 7.6 6.2 9.2

122 7.7 7.8 11.8#



Abundance Scan 2810 (19.816 min): BP007878.D\data.ms (-2760) (-)





Perylene-d12
 Concen: 20.00 ng
 RT: 23.751 min Scan# 486
 Delta R.T. -0.018 min
 Lab File: BP007878.D
 Acq: 09 Nov 2021 00:54

Instrument :
 BNA_P
 ClientSampleId :
 T5-EP2-NW

Tgt Ion:	264	Resp:	887901
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.1	28.7
265	22.2	16.7	25.1

