

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
 Data File : BP007877.D
 Acq On : 09 Nov 2021 00:20
 Operator : CG/JU
 Sample : M4477-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T5-B1-NE

Quant Time: Nov 09 08:47:54 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)

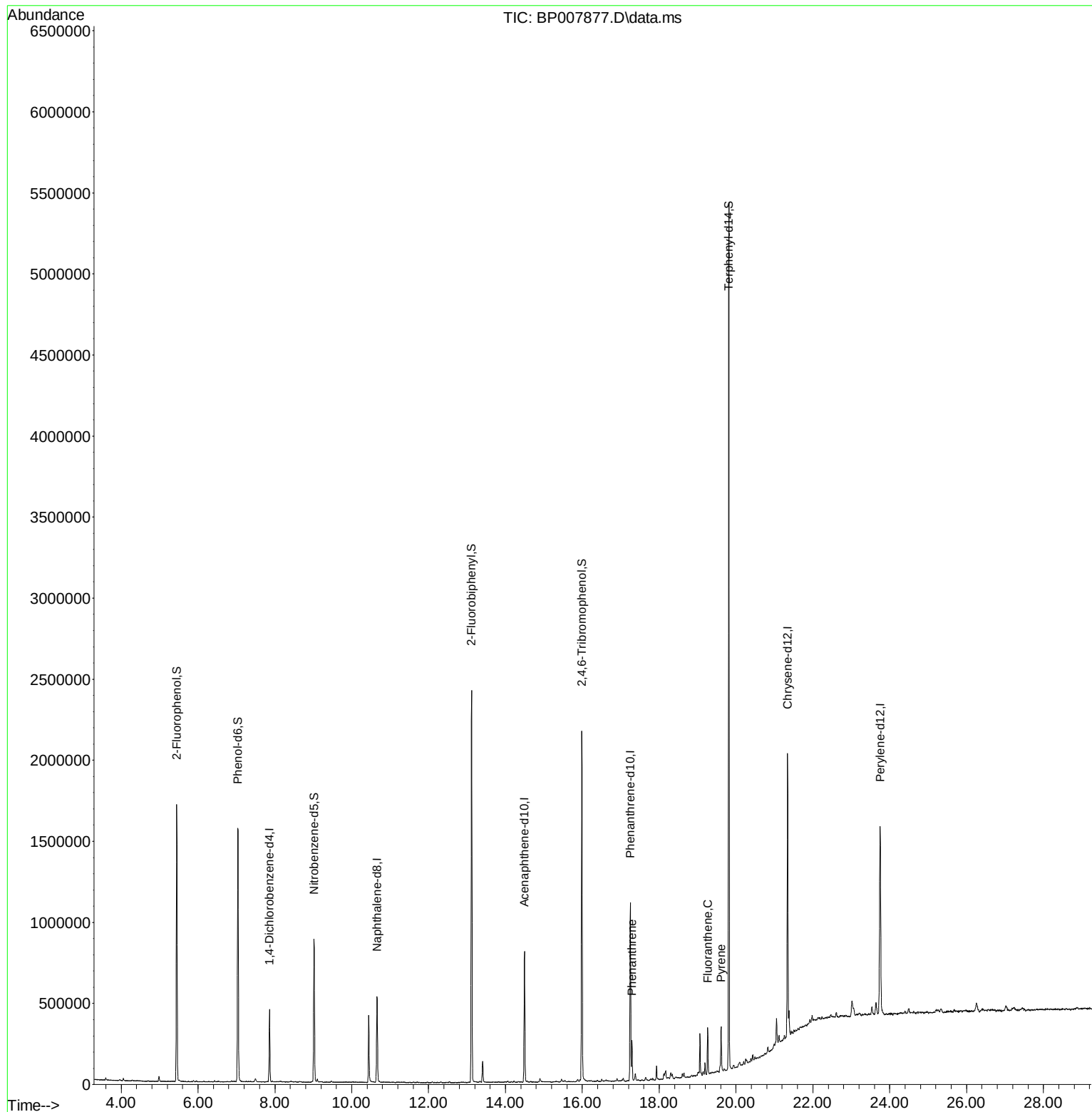
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	123498	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	432089	20.00	ng	-0.01
39) Acenaphthene-d10	14.498	164	287602	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	645507	20.00	ng	-0.01
76) Chrysene-d12	21.339	240	799095	20.00	ng	-0.01
86) Perylene-d12	23.750	264	899037	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	712446	97.84	ng	0.00
7) Phenol-d6	7.034	99	895692	84.98	ng	-0.01
23) Nitrobenzene-d5	9.016	82	499724	62.13	ng	-0.02
42) 2,4,6-Tribromophenol	15.986	330	417351	101.68	ng	-0.01
45) 2-Fluorobiphenyl	13.122	172	1261614	63.88	ng	-0.01
79) Terphenyl-d14	19.815	244	2383431	60.74	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.369	88	281	Below Cal		Qvalue # 23
71) Phenanthrene	17.292	178	148404	4.37	ng	99
75) Fluoranthene	19.263	202	165518	3.87	ng	99
78) Pyrene	19.615	202	165460	3.38	ng	99

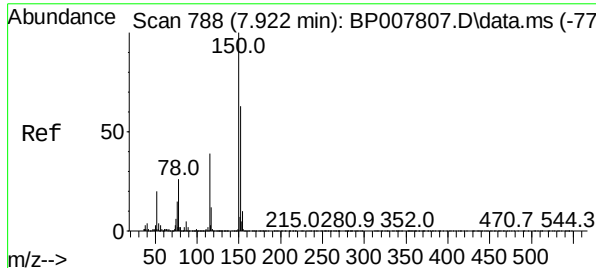
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
Data File : BP007877.D
Acq On : 09 Nov 2021 00:20
Operator : CG/JU
Sample : M4477-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
T5-B1-NE

Quant Time: Nov 09 08:47:54 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

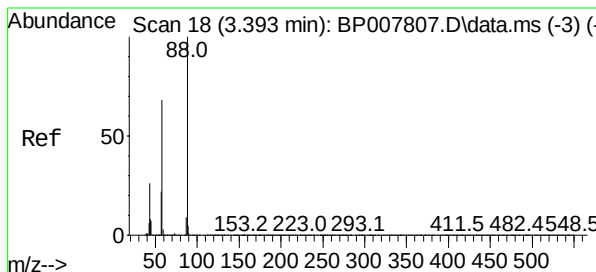
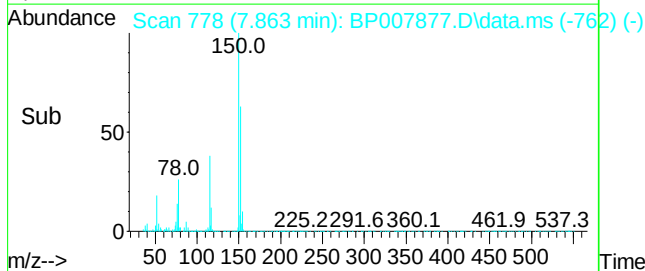
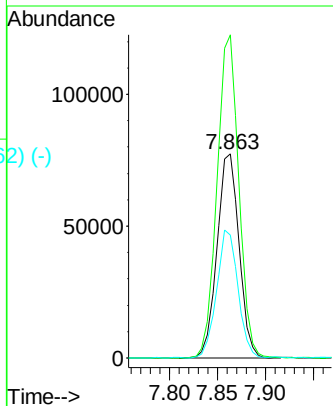
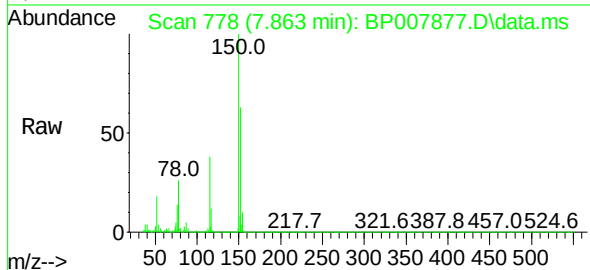




1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.863 min Scan#
Delta R.T. -0.006 min
Lab File: BP007877.D
Acq: 09 Nov 2021 00:20

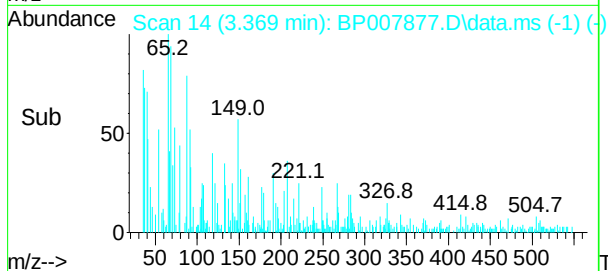
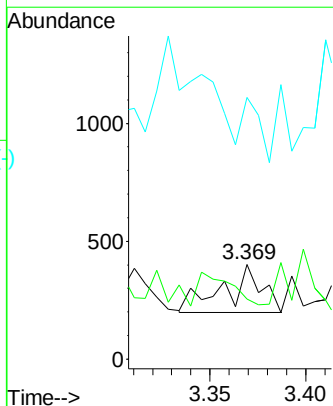
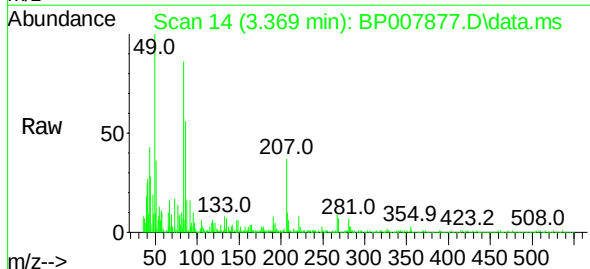
Instrument :
BNA_P
ClientSampleId :
T5-B1-NE

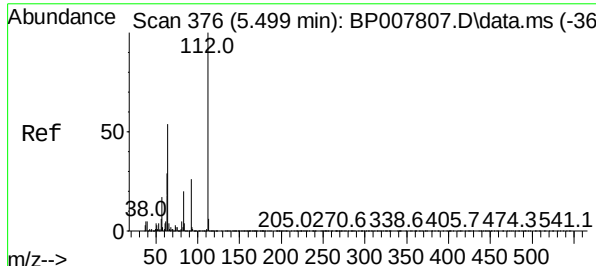
Tgt Ion:152 Resp: 123498
Ion Ratio Lower Upper
152 100
150 158.3 124.1 186.1
115 60.1 48.1 72.1



1,4-Dioxane
Concen: Below Cal
RT: 3.369 min Scan# 14
Delta R.T. 0.017 min
Lab File: BP007877.D
Acq: 09 Nov 2021 00:20

Tgt Ion: 88 Resp: 281
Ion Ratio Lower Upper
88 100
58 0.0 58.1 87.1#
43 0.0 22.2 33.4#





2-Fluorophenol

Concen: 97.84 ng

RT: 5.446 min Scan# 637

Delta R.T. -0.006 min

Lab File: BP007877.D

Acq: 09 Nov 2021 00:20

Instrument :

BNA_P

ClientSampleId :

T5-B1-NE

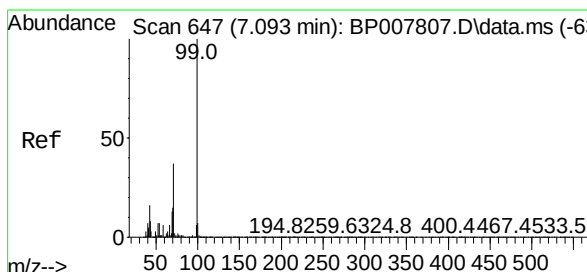
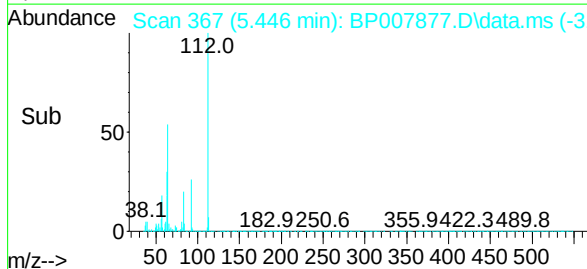
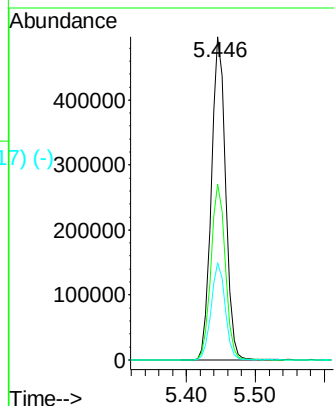
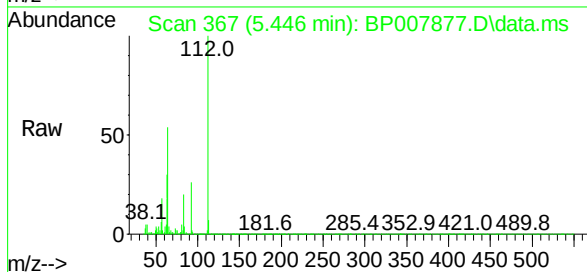
Tgt Ion: 112 Resp: 712446

Ion Ratio Lower Upper

112 100

64 54.4 46.6 70.0

63 30.0 25.0 37.6



Phenol-d6

Concen: 84.98 ng

RT: 7.034 min Scan# 637

Delta R.T. -0.012 min

Lab File: BP007877.D

Acq: 09 Nov 2021 00:20

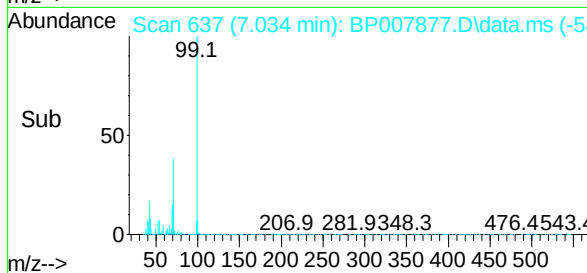
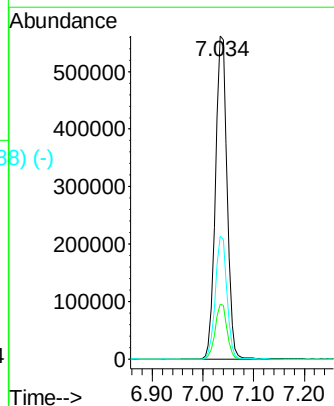
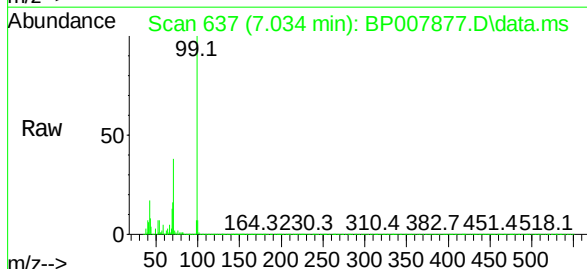
Tgt Ion: 99 Resp: 895692

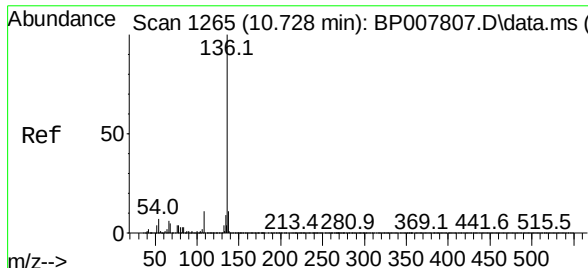
Ion Ratio Lower Upper

99 100

42 17.0 14.9 22.3

71 38.0 29.2 43.8

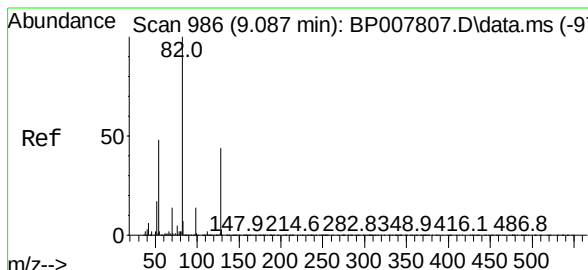
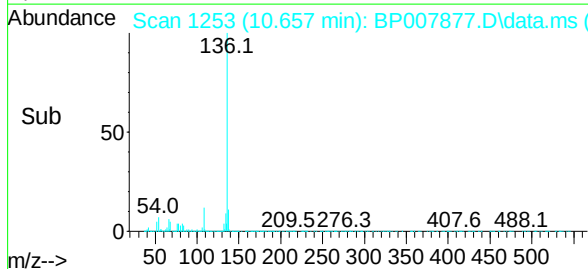
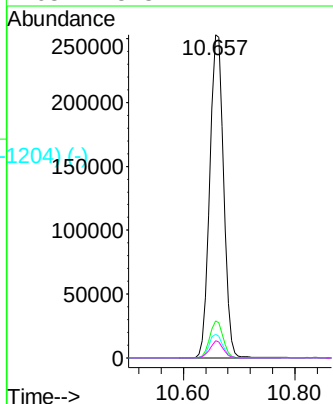
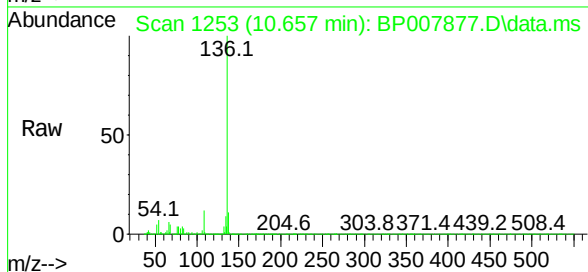




Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.657 min Scan# 1265
 Delta R.T. -0.012 min
 Lab File: BP007877.D
 Acq: 09 Nov 2021 00:20

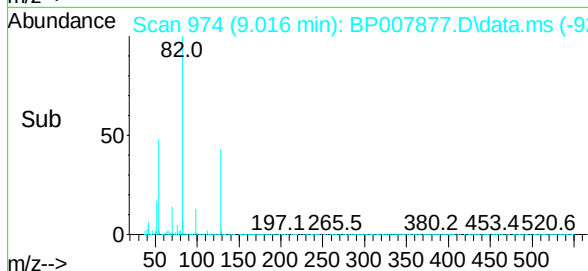
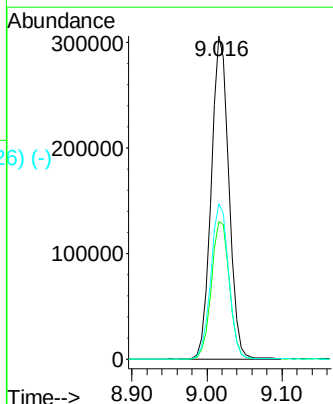
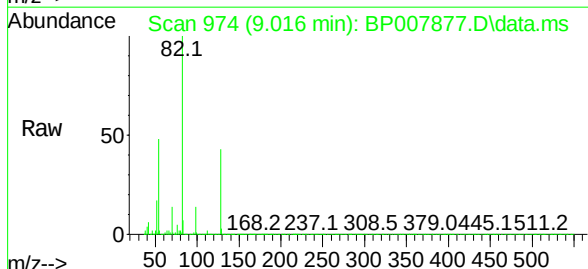
Instrument :
 BNA_P
 ClientSampleId :
 T5-B1-NE

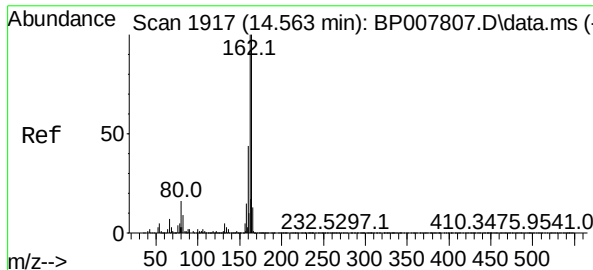
Tgt Ion:	136	Resp:	432089
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	7.4	6.2	9.4
68	5.3	4.7	7.1



Nitrobenzene-d5
 Concen: 62.13 ng
 RT: 9.016 min Scan# 974
 Delta R.T. -0.018 min
 Lab File: BP007877.D
 Acq: 09 Nov 2021 00:20

Tgt Ion:	82	Resp:	499724
Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.6	48.8
54	48.1	40.4	60.6





Acenaphthene-d10

Concen: 20.00 ng

RT: 14.498 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BP007877.D

Acq: 09 Nov 2021 00:20

Instrument :

BNP

ClientSampleId :

T5-B1-NE

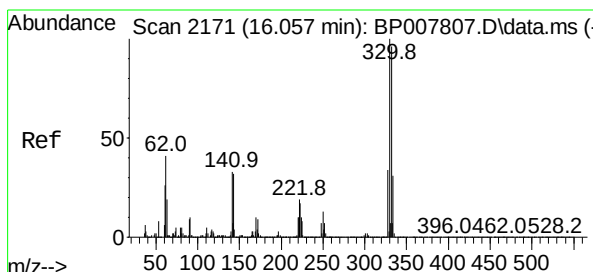
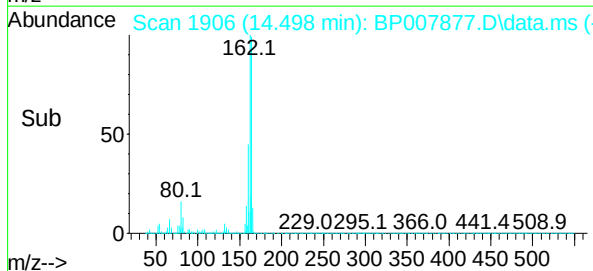
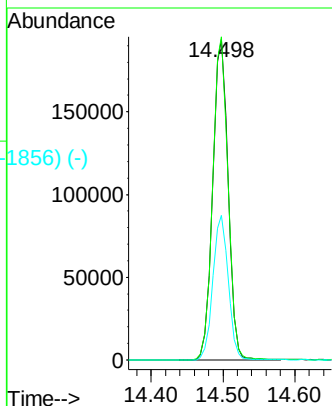
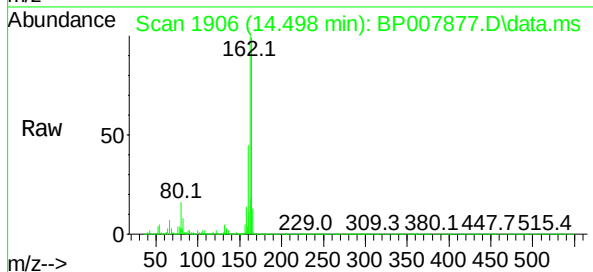
Tgt Ion:164 Resp: 287602

Ion Ratio Lower Upper

164 100

162 100.8 81.1 121.7

160 45.0 36.0 54.0



2,4,6-Tribromophenol

Concen: 101.68 ng

RT: 15.986 min Scan# 2159

Delta R.T. -0.012 min

Lab File: BP007877.D

Acq: 09 Nov 2021 00:20

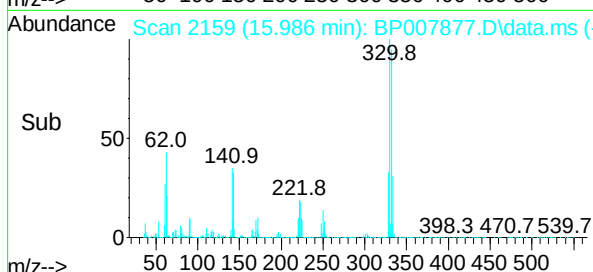
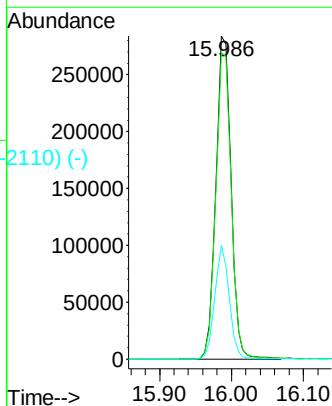
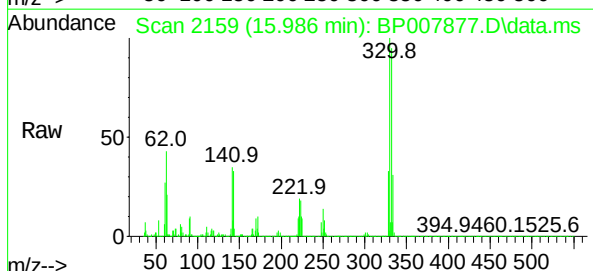
Tgt Ion:330 Resp: 417351

Ion Ratio Lower Upper

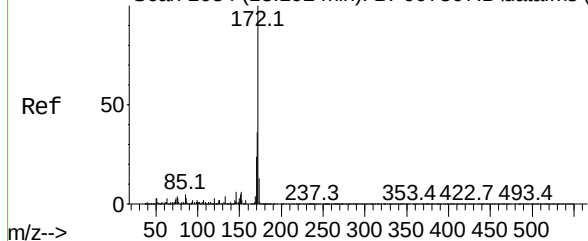
330 100

332 96.4 78.9 118.3

141 33.4 30.7 46.1



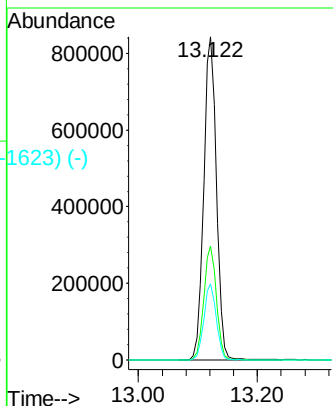
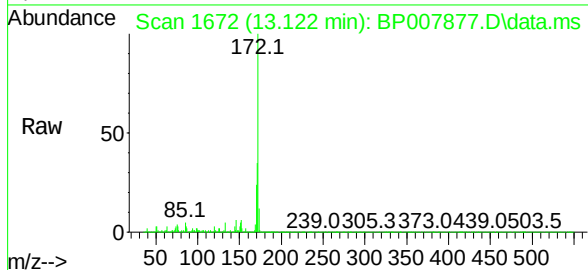
Abundance Scan 1684 (13.192 min): BP007807.D\data.ms (-16745) (-)



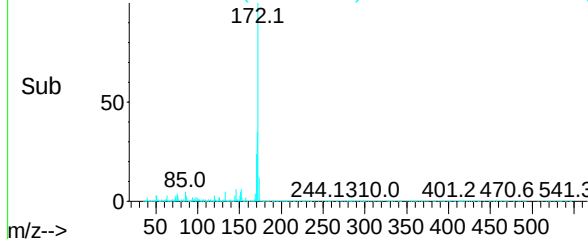
2-Fluorobiphenyl
Concen: 63.88 ng
RT: 13.122 min Scan# 16745
Delta R.T. -0.012 min
Lab File: BP007877.D
Acq: 09 Nov 2021 00:20

Instrument :
BNA_P
ClientSampleId :
T5-B1-NE

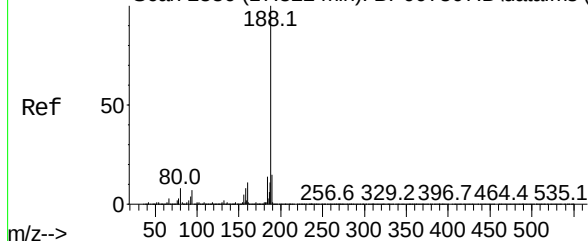
Tgt Ion:	172	Resp:	1261614
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.6	19.0	28.4



Abundance Scan 1672 (13.122 min): BP007877.D\data.ms (-1623) (-)

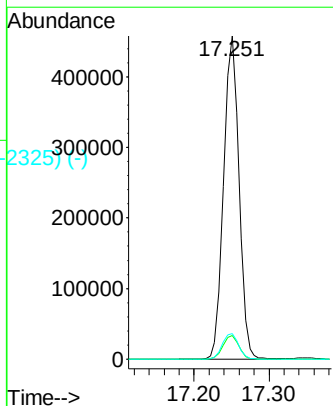
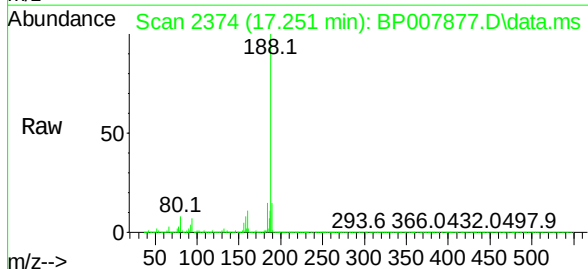


Abundance Scan 2386 (17.322 min): BP007807.D\data.ms (-23784) (-)

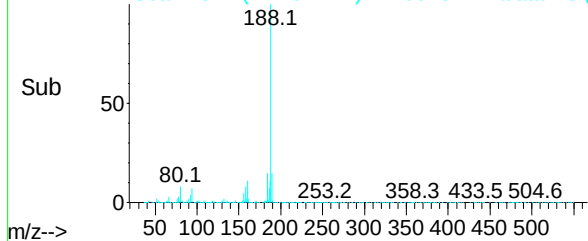


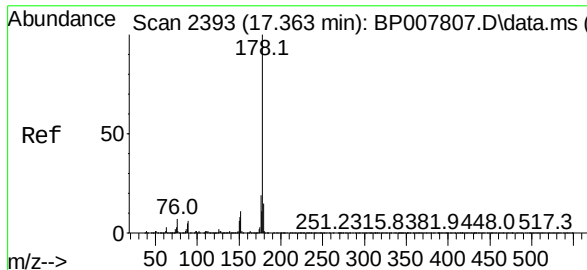
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2374
Delta R.T. -0.012 min
Lab File: BP007877.D
Acq: 09 Nov 2021 00:20

Tgt Ion:	188	Resp:	645507
Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	7.9	7.8	11.6



Abundance Scan 2374 (17.251 min): BP007877.D\data.ms (-2325) (-)

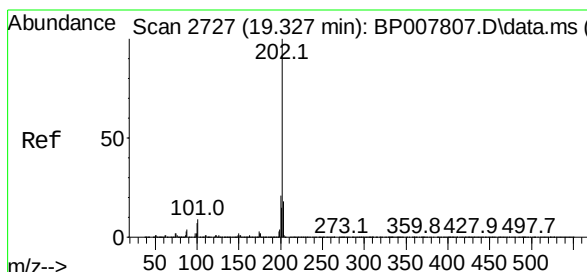
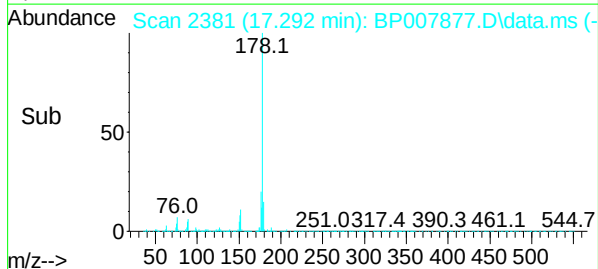
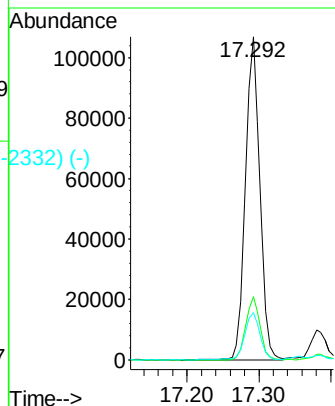
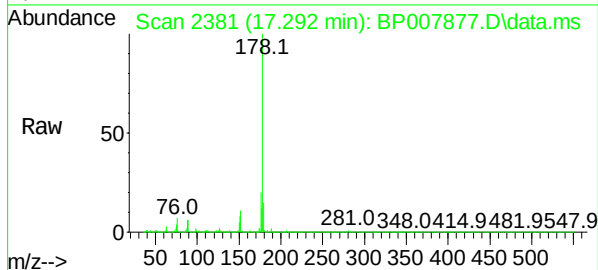




Phenanthrene
Concen: 4.37 ng
RT: 17.292 min Scan# 2393
Delta R.T. -0.012 min
Lab File: BP007877.D
Acq: 09 Nov 2021 00:20

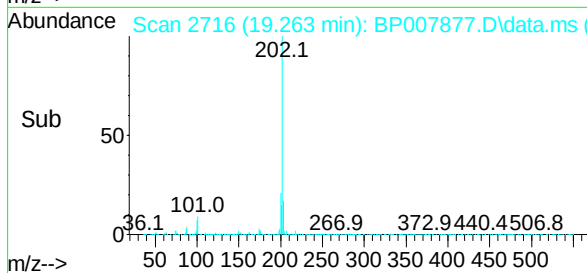
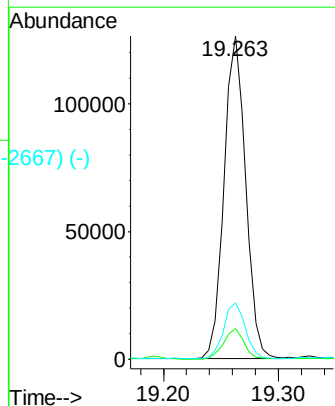
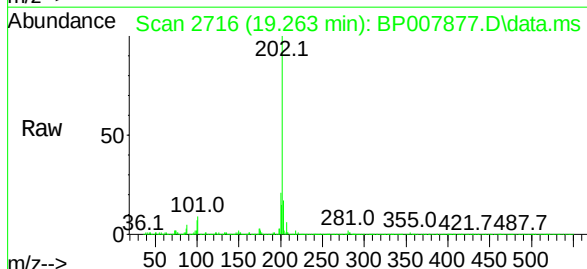
Instrument :
BNA_P
ClientSampleId :
T5-B1-NE

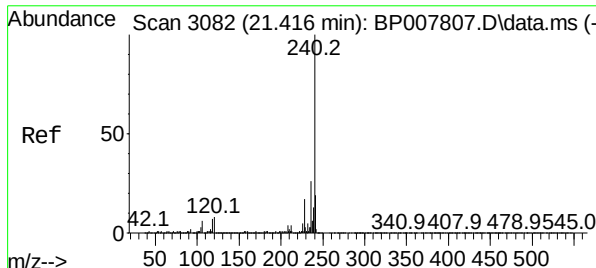
Tgt Ion:	178	Resp:	148404
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	14.7	12.3	18.5



Fluoranthene
Concen: 3.87 ng
RT: 19.263 min Scan# 2716
Delta R.T. -0.012 min
Lab File: BP007877.D
Acq: 09 Nov 2021 00:20

Tgt Ion:	202	Resp:	165518
Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.4
203	17.5	0.0	37.6

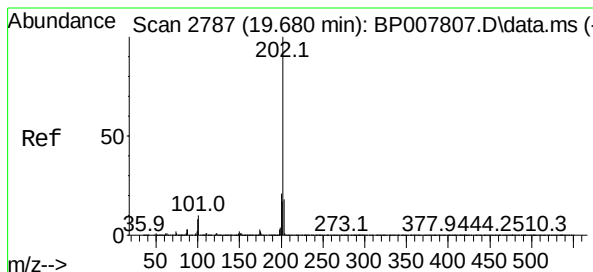
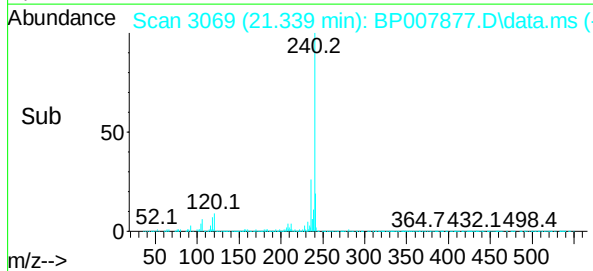
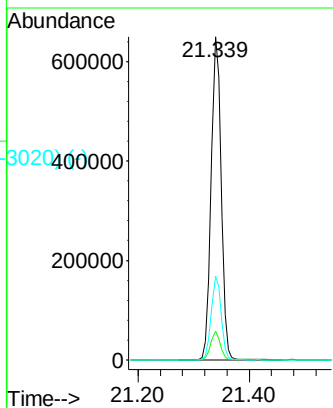
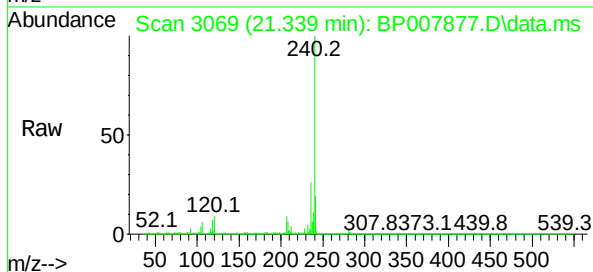




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.339 min Scan# 3073
 Delta R.T. -0.012 min
 Lab File: BP007877.D
 Acq: 09 Nov 2021 00:20

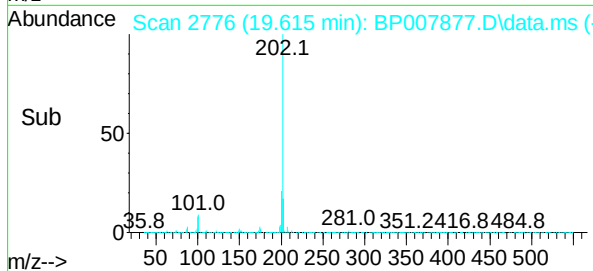
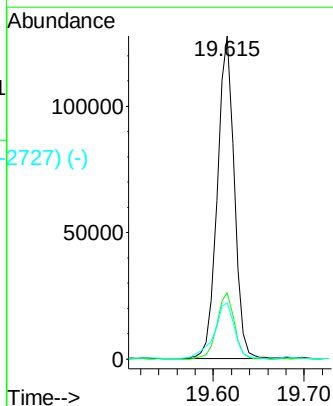
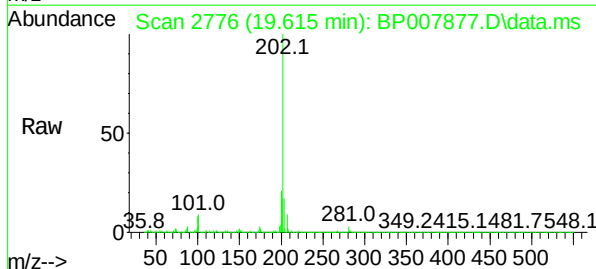
Instrument :
 BNA_P
 ClientSampleId :
 T5-B1-NE

Tgt Ion:	240	Resp:	799095
Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.8	11.8
236	26.0	20.6	30.8



Pyrene
 Concen: 3.38 ng
 RT: 19.615 min Scan# 2776
 Delta R.T. -0.012 min
 Lab File: BP007877.D
 Acq: 09 Nov 2021 00:20

Tgt Ion:	202	Resp:	165460
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.5	13.8	20.6



Abundance Scan 2821 (19.880 min): BP007807.D\data.ms (-2819) (-)

Terphenyl-d14

Concen: 60.74 ng

RT: 19.815 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP007877.D

Acq: 09 Nov 2021 00:20

Instrument :

BNA_P

ClientSampleId :

T5-B1-NE

Tgt Ion:244 Resp: 2383431

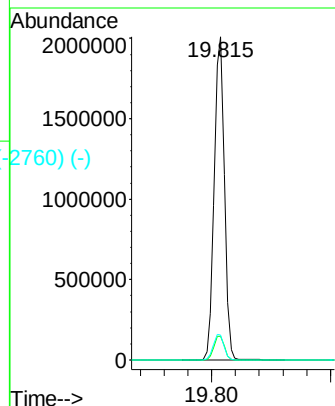
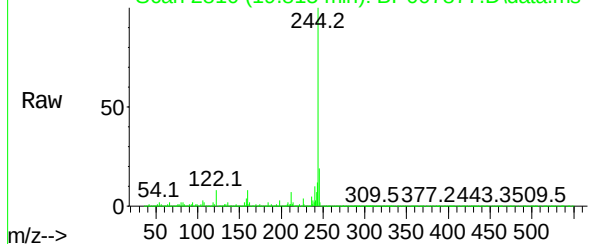
Ion Ratio Lower Upper

244 100

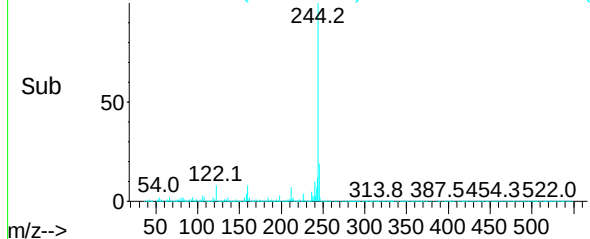
212 7.4 6.2 9.2

122 7.8 7.8 11.8#

Abundance Scan 2810 (19.815 min): BP007877.D\data.ms



Abundance Scan 2810 (19.815 min): BP007877.D\data.ms (-2760) (-)



Abundance Scan 3496 (23.851 min): BP007807.D\data.ms (-3486) (-)

Perylene-d12

Concen: 20.00 ng

RT: 23.750 min Scan# 3479

Delta R.T. -0.018 min

Lab File: BP007877.D

Acq: 09 Nov 2021 00:20

Tgt Ion:264 Resp: 899037

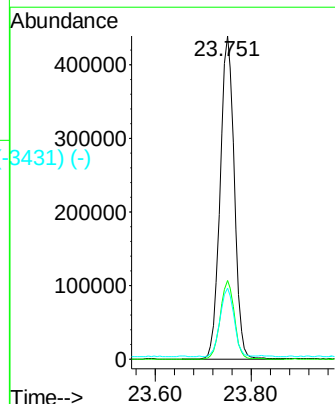
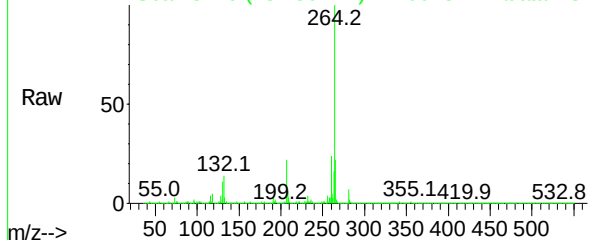
Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 21.9 16.7 25.1

Abundance Scan 3479 (23.750 min): BP007877.D\data.ms



Abundance Scan 3479 (23.750 min): BP007877.D\data.ms (-3431) (-)

