

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
 Data File : BP007873.D
 Acq On : 08 Nov 2021 22:05
 Operator : CG/JU
 Sample : M4475-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUP02

Quant Time: Nov 09 08:46:20 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)

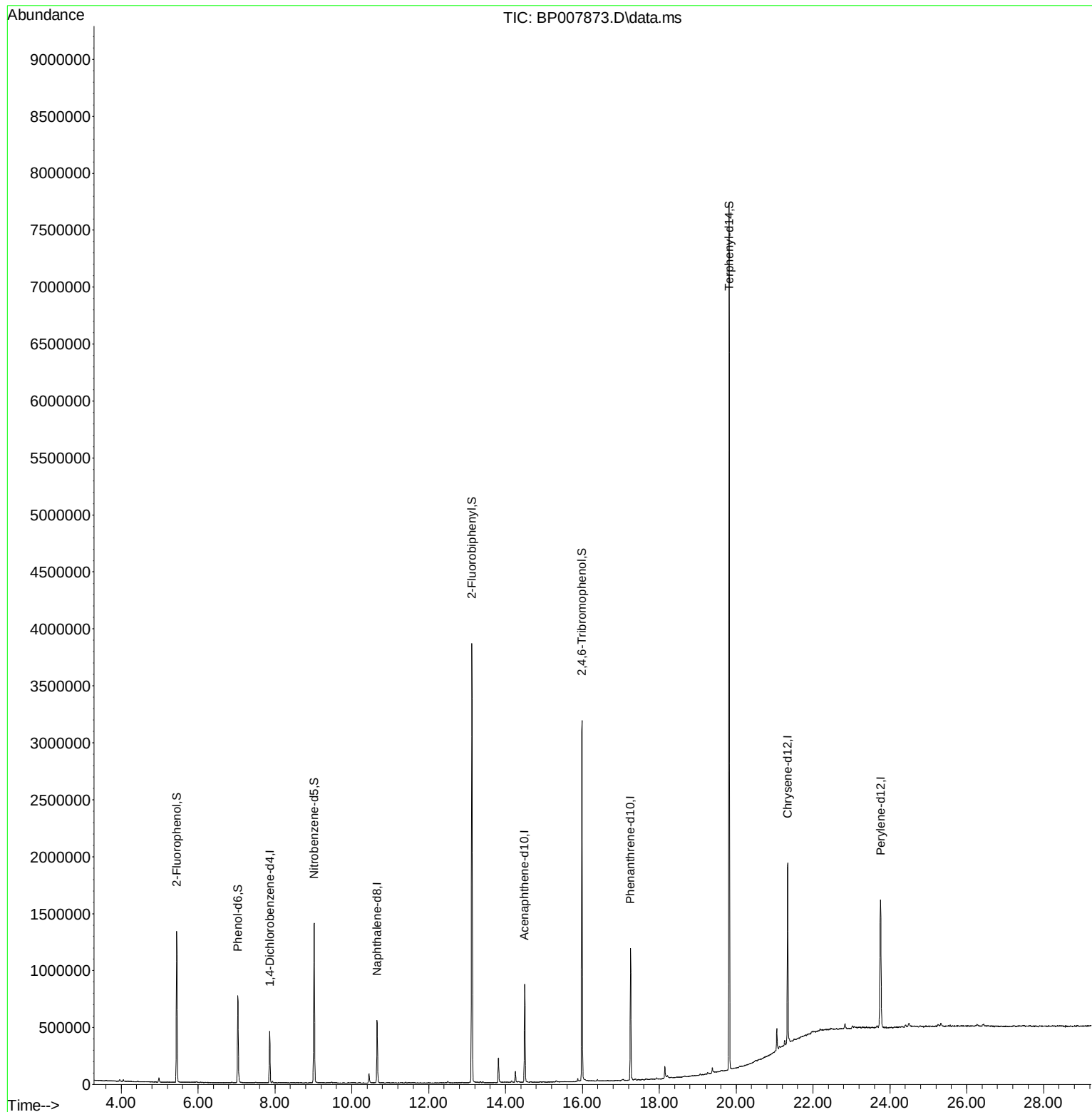
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	125392	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	461697	20.00	ng	-0.01
39) Acenaphthene-d10	14.498	164	300473	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	671940	20.00	ng	-0.01
76) Chrysene-d12	21.345	240	793391	20.00	ng	0.00
86) Perylene-d12	23.757	264	879946	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	558110	75.48	ng	0.00
7) Phenol-d6	7.034	99	427795	39.97	ng	-0.01
23) Nitrobenzene-d5	9.022	82	818991	95.29	ng	-0.01
42) 2,4,6-Tribromophenol	15.992	330	622763	145.23	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1974971	95.72	ng	-0.01
79) Terphenyl-d14	19.816	244	3453030	88.62	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.334	88	207	Below Cal	Qvalue #	46

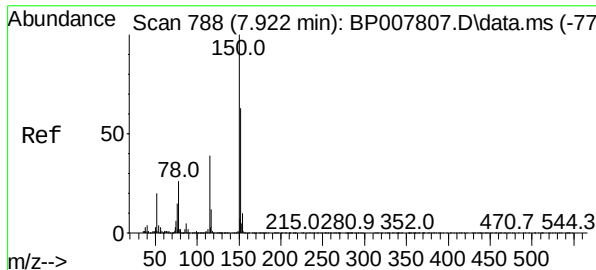
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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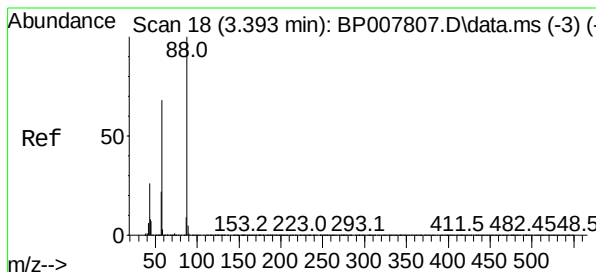
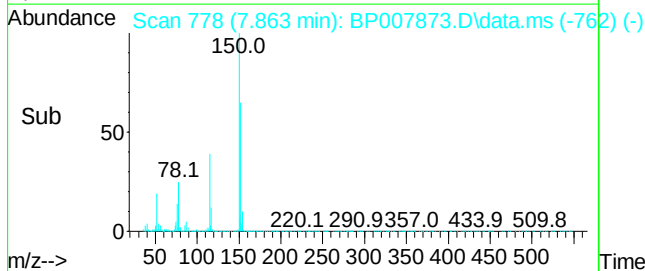
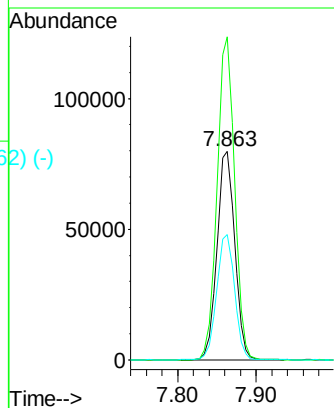
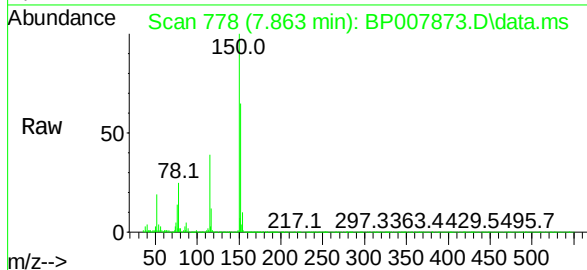




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.863 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP007873.D
 Acq: 08 Nov 2021 22:05

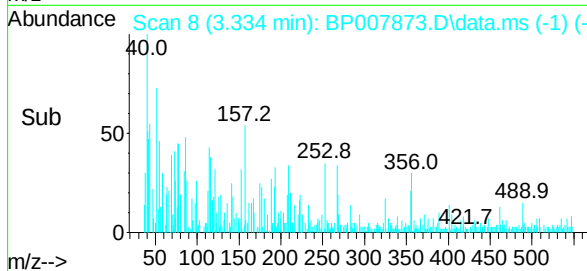
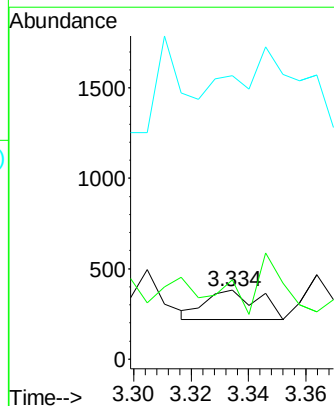
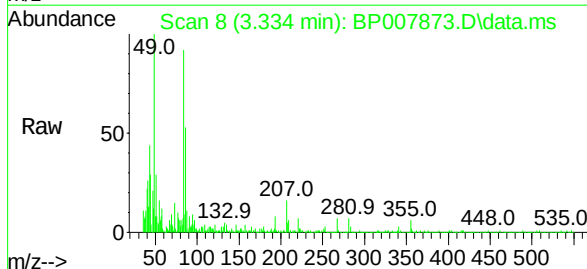
Instrument :
 BNA_P
 ClientSampleId :
 DUP02

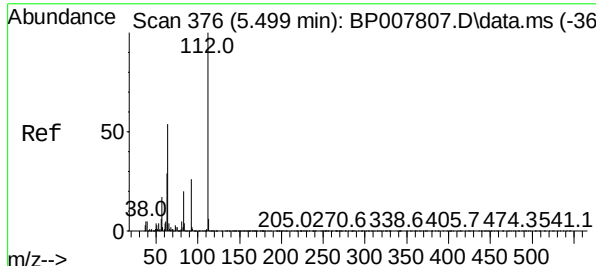
Tgt Ion:	152	Resp:	125392
Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.1	186.1
115	60.0	48.1	72.1



1,4-Dioxane
 Concen: Below Cal
 RT: 3.334 min Scan# 8
 Delta R.T. -0.018 min
 Lab File: BP007873.D
 Acq: 08 Nov 2021 22:05

Tgt Ion:	88	Resp:	207
Ion	Ratio	Lower	Upper
88	100		
58	117.9	58.1	87.1#
43	0.0	22.2	33.4#





2-Fluorophenol

Concen: 75.48 ng

RT: 5.446 min Scan# 637

Delta R.T. -0.006 min

Lab File: BP007873.D

Acq: 08 Nov 2021 22:05

Instrument :

BNA_P

ClientSampleId :

DUP02

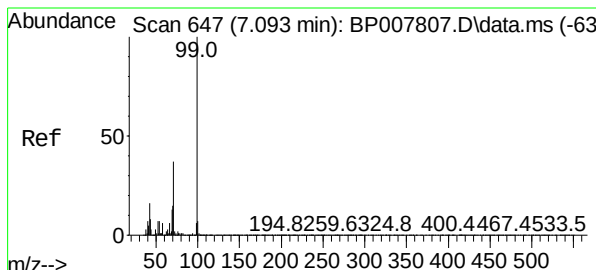
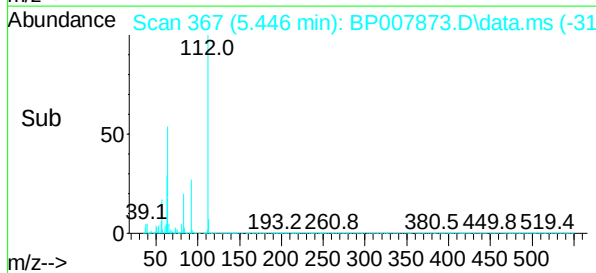
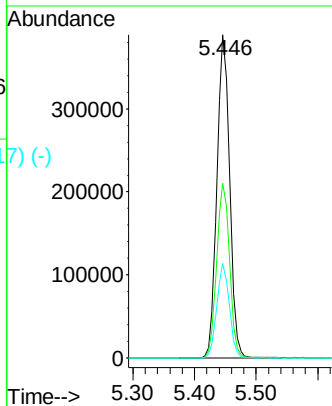
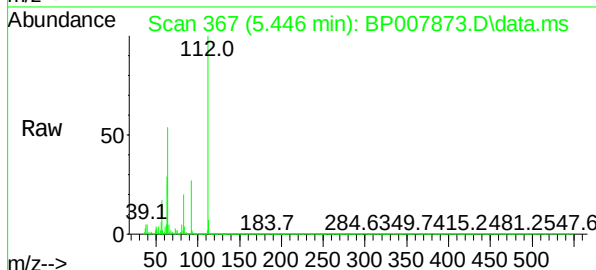
Tgt Ion: 112 Resp: 558110

Ion Ratio Lower Upper

112 100

64 54.1 46.6 70.0

63 29.3 25.0 37.6



Phenol-d6

Concen: 39.97 ng

RT: 7.034 min Scan# 637

Delta R.T. -0.012 min

Lab File: BP007873.D

Acq: 08 Nov 2021 22:05

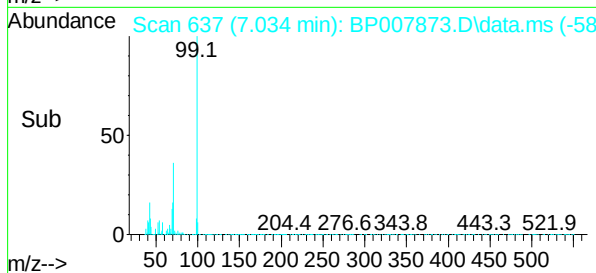
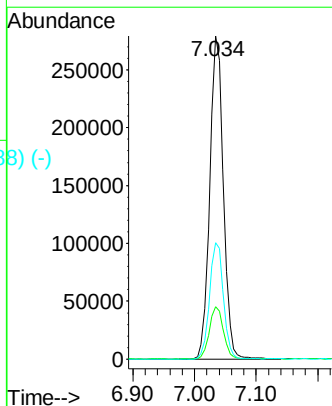
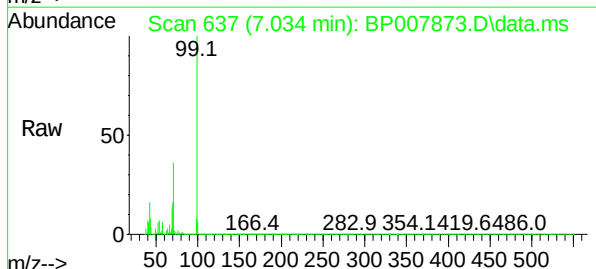
Tgt Ion: 99 Resp: 427795

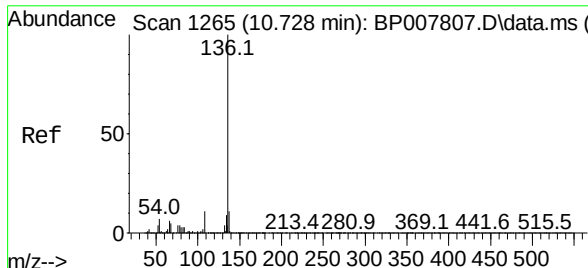
Ion Ratio Lower Upper

99 100

42 16.3 14.9 22.3

71 36.0 29.2 43.8

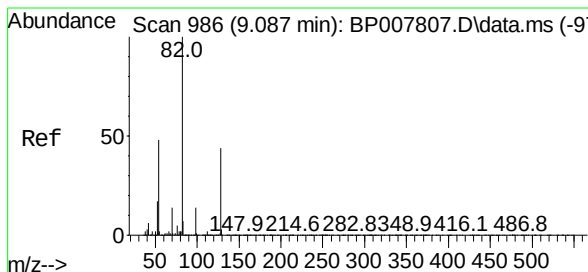
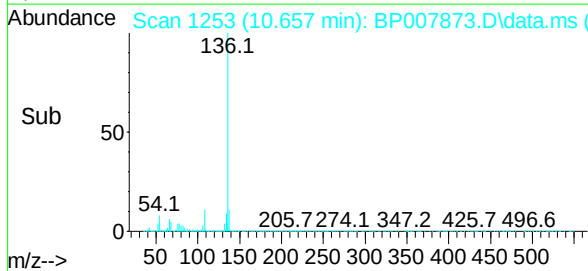
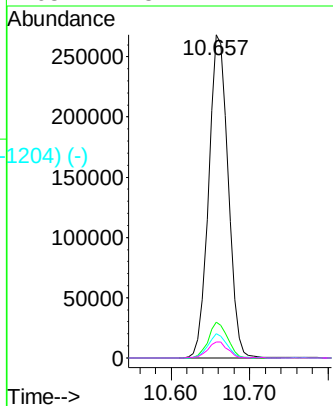
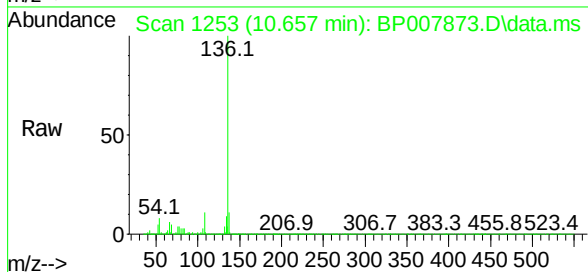




Naphthalene-d8
Concen: 20.00 ng
RT: 10.657 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BP007873.D
Acq: 08 Nov 2021 22:05

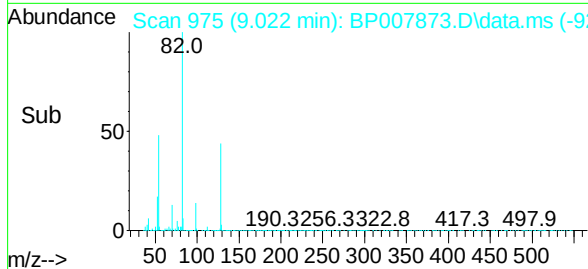
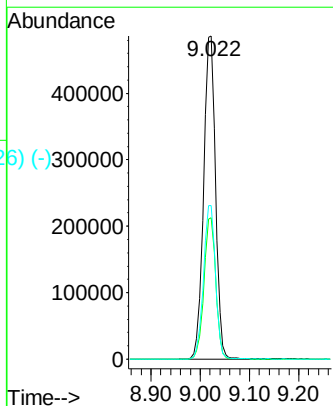
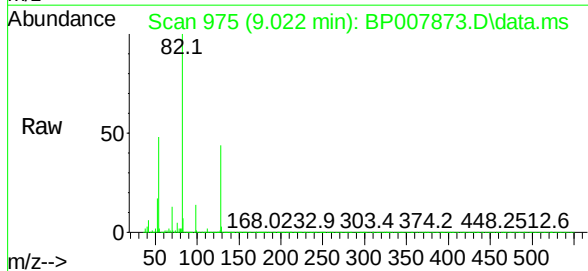
Instrument :
BNA_P
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DUP02

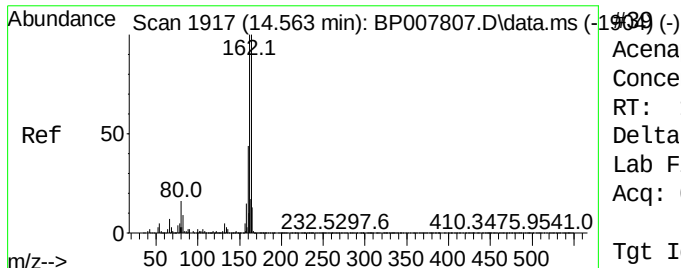
Tgt Ion:	136	Resp:	461697
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.6	6.2	9.4
68	4.8	4.7	7.1



Nitrobenzene-d5
Concen: 95.29 ng
RT: 9.022 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP007873.D
Acq: 08 Nov 2021 22:05

Tgt Ion:	82	Resp:	818991
Ion	Ratio	Lower	Upper
82	100		
128	43.8	32.6	48.8
54	47.6	40.4	60.6





Acenaphthene-d10

Concen: 20.00 ng

RT: 14.498 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BP007873.D

Acq: 08 Nov 2021 22:05

Instrument :

BNA_P

ClientSampleId :

DUP02

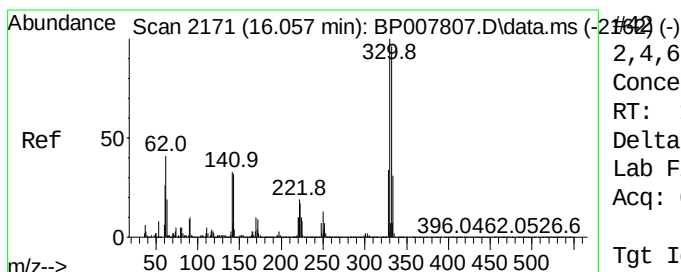
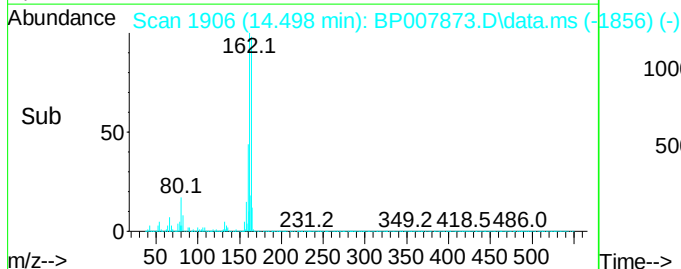
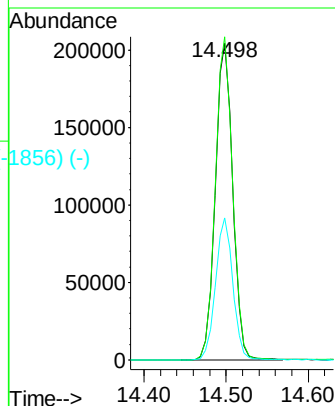
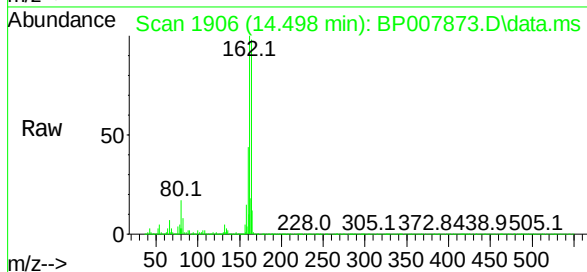
Tgt Ion:164 Resp: 300473

Ion Ratio Lower Upper

164 100

162 102.0 81.1 121.7

160 44.8 36.0 54.0



2,4,6-Tribromophenol

Concen: 145.23 ng

RT: 15.992 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BP007873.D

Acq: 08 Nov 2021 22:05

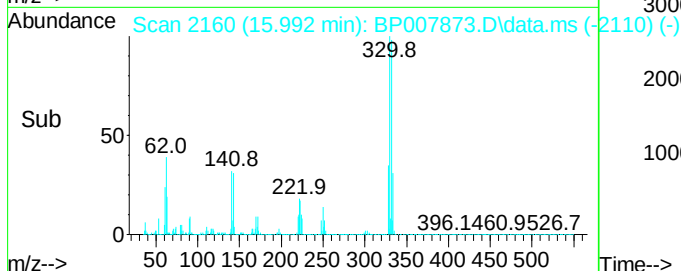
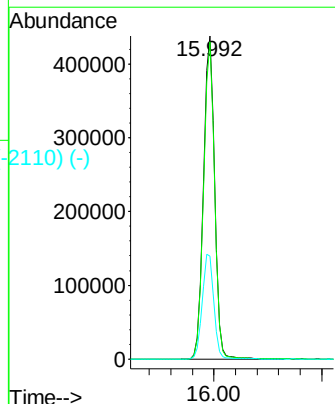
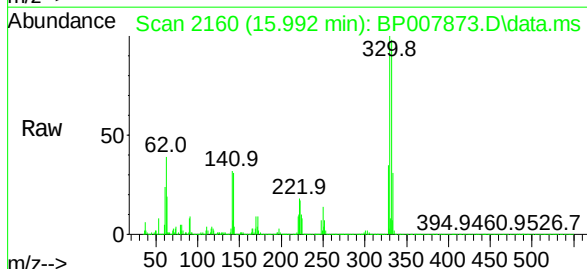
Tgt Ion:330 Resp: 622763

Ion Ratio Lower Upper

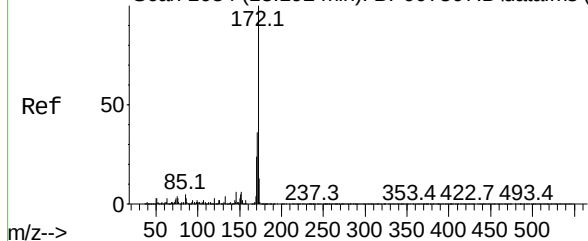
330 100

332 96.7 78.9 118.3

141 33.6 30.7 46.1



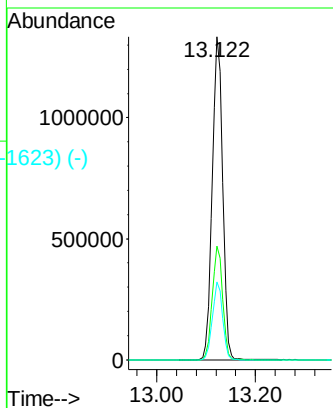
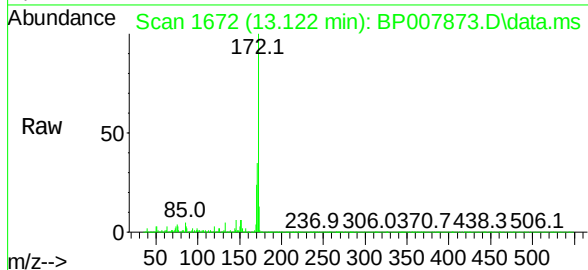
Abundance Scan 1684 (13.192 min): BP007807.D\data.ms (-16745) (-)



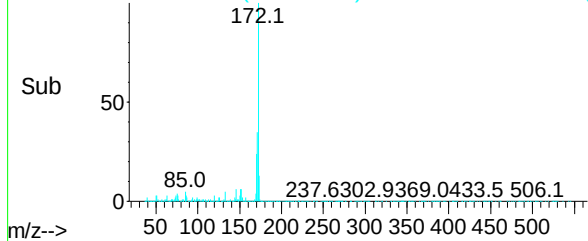
2-Fluorobiphenyl
Concen: 95.72 ng
RT: 13.122 min Scan# 16745
Delta R.T. -0.012 min
Lab File: BP007873.D
Acq: 08 Nov 2021 22:05

Instrument :
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ClientSampleId :
DUP02

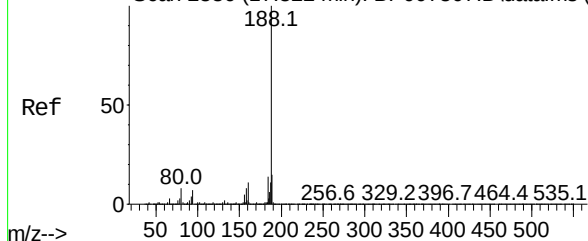
Tgt Ion:	172	Resp:	1974971
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	24.1	19.0	28.4



Abundance Scan 1672 (13.122 min): BP007873.D\data.ms (-1623) (-)

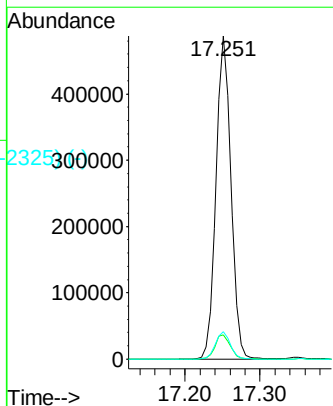
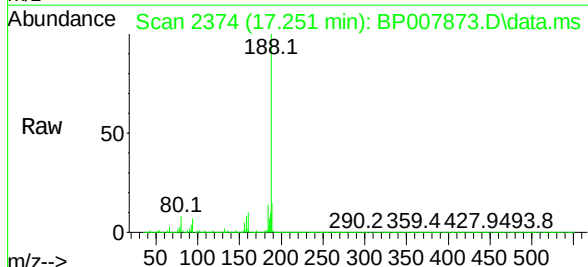


Abundance Scan 2386 (17.322 min): BP007807.D\data.ms (-23784) (-)

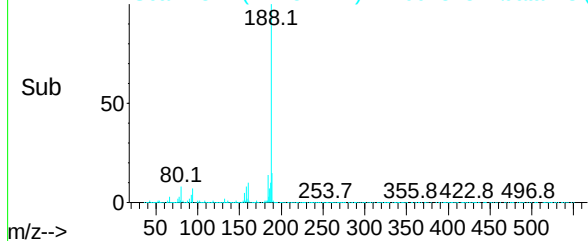


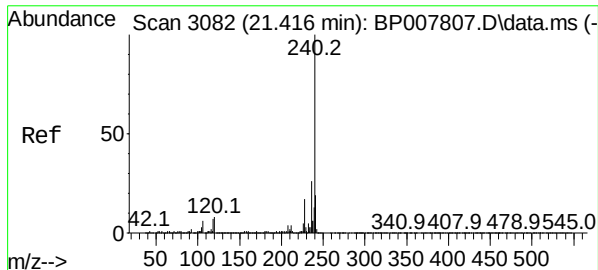
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2374
Delta R.T. -0.012 min
Lab File: BP007873.D
Acq: 08 Nov 2021 22:05

Tgt Ion:	188	Resp:	671940
Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	8.4	7.8	11.6



Abundance Scan 2374 (17.251 min): BP007873.D\data.ms (-23253) (-)

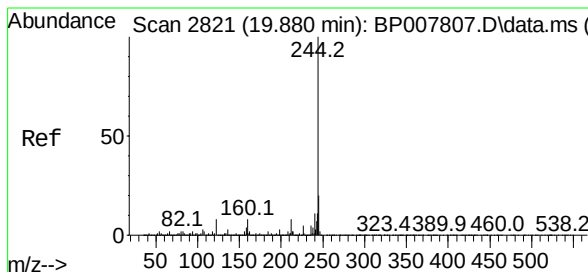
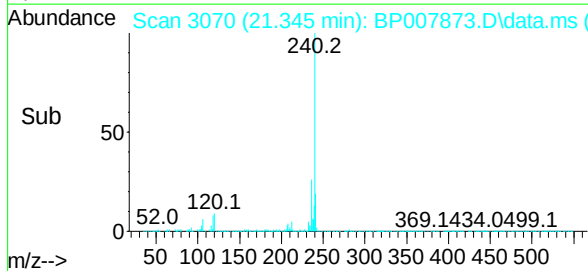
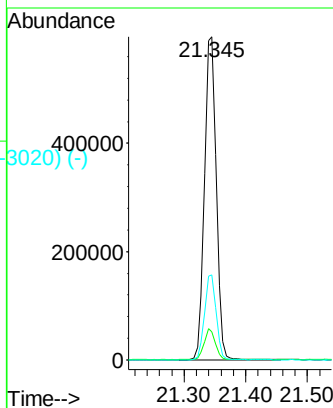
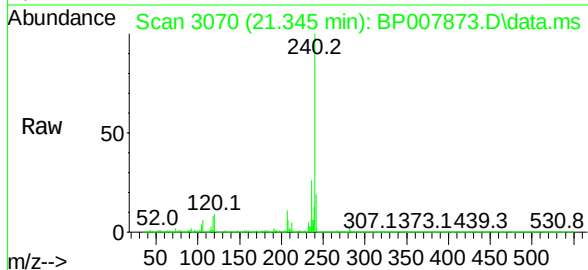




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.345 min Scan# 3073
 Delta R.T. -0.006 min
 Lab File: BP007873.D
 Acq: 08 Nov 2021 22:05

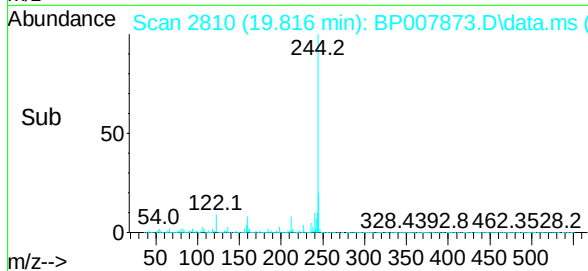
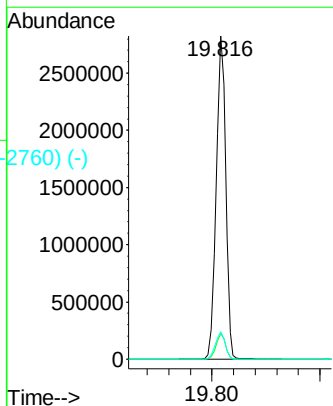
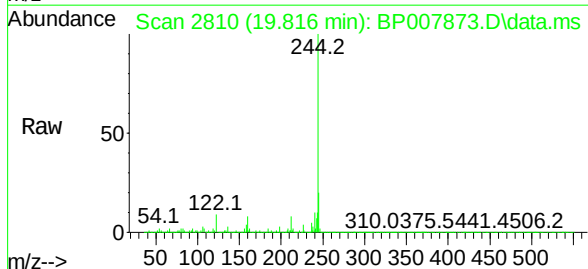
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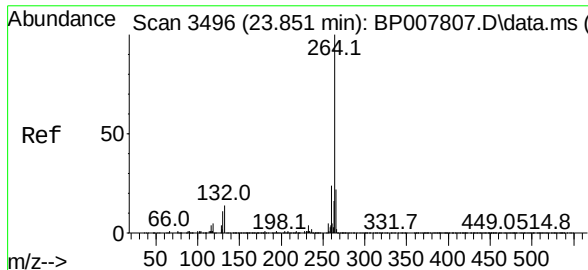
Tgt Ion:	240	Resp:	793391
Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.8	11.8
236	26.3	20.6	30.8



Terphenyl-d14
 Concen: 88.62 ng
 RT: 19.816 min Scan# 2810
 Delta R.T. -0.006 min
 Lab File: BP007873.D
 Acq: 08 Nov 2021 22:05

Tgt Ion:	244	Resp:	3453030
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	8.5	7.8	11.8





Perylene-d12
 Concen: 20.00 ng
 RT: 23.757 min Scan# 486
 Delta R.T. -0.012 min
 Lab File: BP007873.D
 Acq: 08 Nov 2021 22:05

Instrument :
 BNA_P
 ClientSampleId :
 DUP02

Tgt Ion:	264	Resp:	879946
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.2	16.7	25.1

