

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008055.D
 Acq On : 20 Nov 2021 13:41
 Operator : CG/JU
 Sample : PB140911BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB140911BL

Quant Time: Nov 22 05:29:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

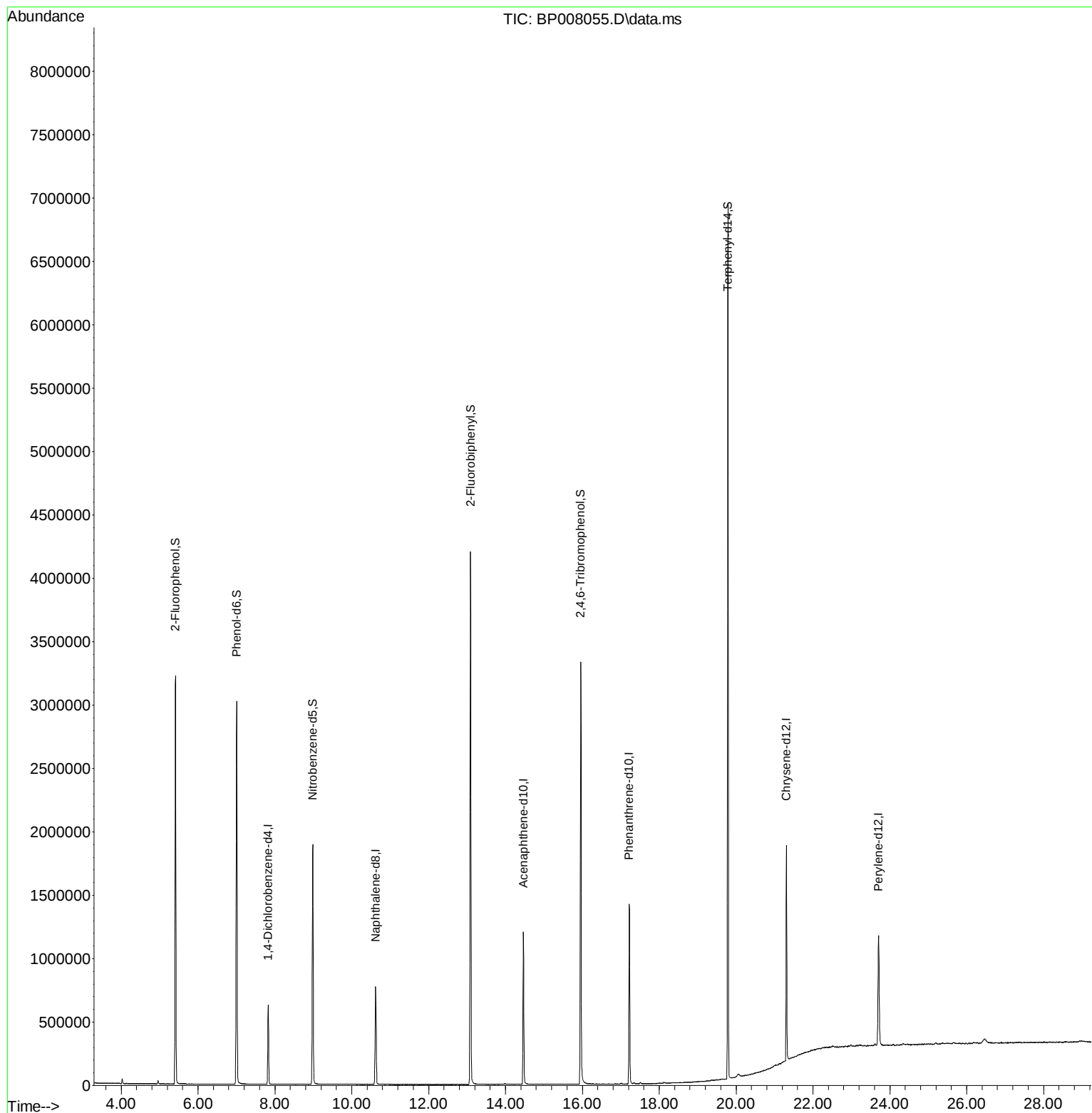
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	160327	20.00	ng	0.00
21) Naphthalene-d8	10.622	136	615584	20.00	ng	0.00
39) Acenaphthene-d10	14.463	164	412680	20.00	ng	0.00
64) Phenanthrene-d10	17.216	188	891836	20.00	ng	-0.01
76) Chrysene-d12	21.310	240	799985	20.00	ng	-0.01
86) Perylene-d12	23.704	264	698123	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	1274988	135.93	ng	0.00
7) Phenol-d6	7.005	99	1654143	127.22	ng	0.00
23) Nitrobenzene-d5	8.987	82	1126779	83.04	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	608203	116.46	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	2232491	84.71	ng	0.00
79) Terphenyl-d14	19.786	244	3312018	81.40	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.005	77	3617	Below Cal	#	6
58) Fluorene	15.498	166	37	Below Cal	#	52
61) 4-Chlorophenyl-phenyle...	15.522	204	22	Below Cal	#	1
82) 3,3'-Dichlorobenzidine	21.251	252	686	Below Cal	#	62

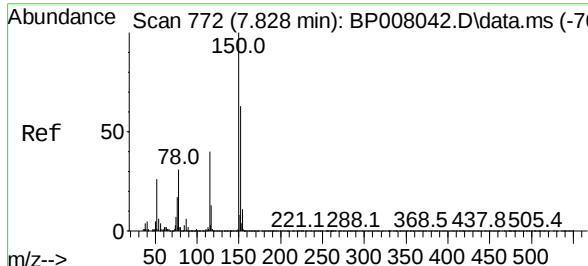
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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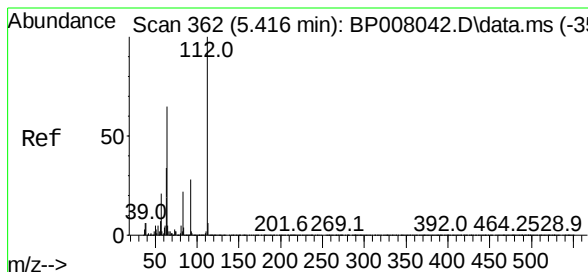
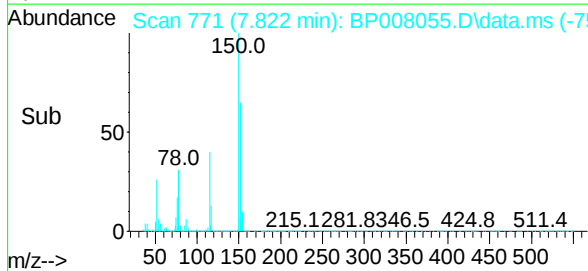
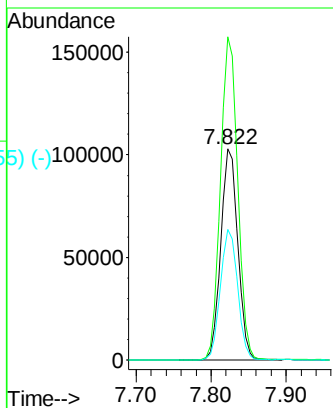
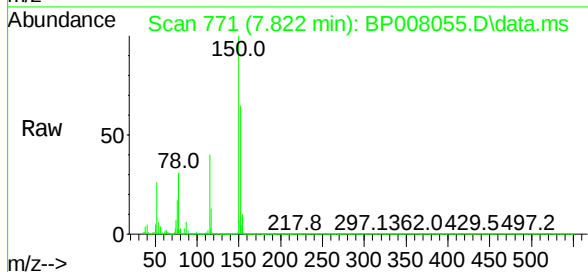




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.822 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP008055.D
 Acq: 20 Nov 2021 13:41

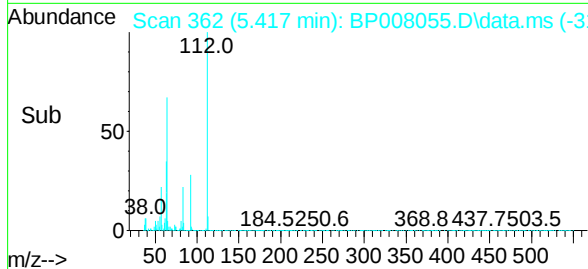
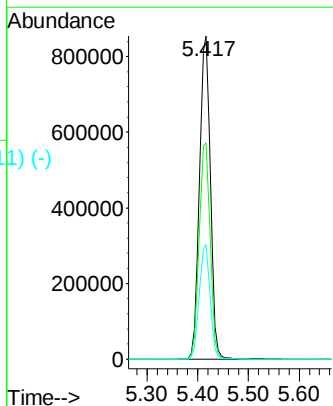
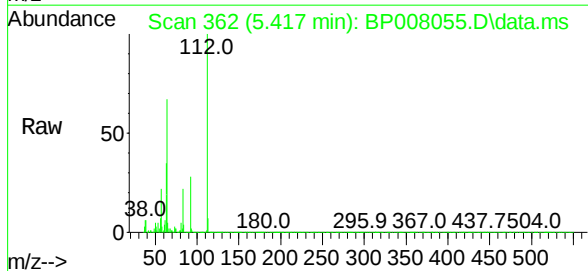
Instrument :
 BNA_P
 ClientSampleId :
 PB140911BL

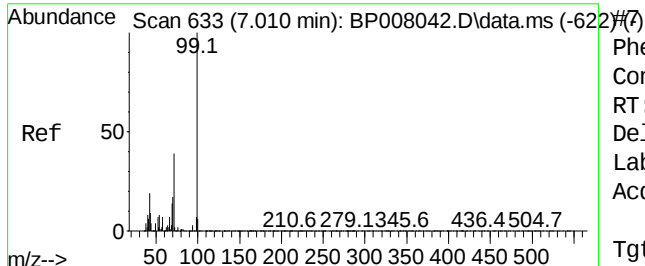
Tgt Ion:	152	Resp:	160327
Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.5	189.7
115	61.9	50.6	75.8



2-Fluorophenol
 Concen: 135.93 ng
 RT: 5.417 min Scan# 362
 Delta R.T. 0.000 min
 Lab File: BP008055.D
 Acq: 20 Nov 2021 13:41

Tgt Ion:	112	Resp:	1274988
Ion	Ratio	Lower	Upper
112	100		
64	66.8	51.7	77.5
63	35.3	27.4	41.0

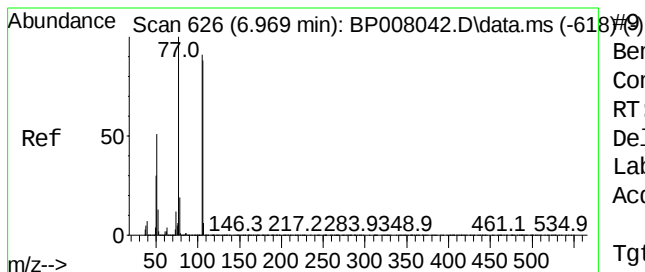
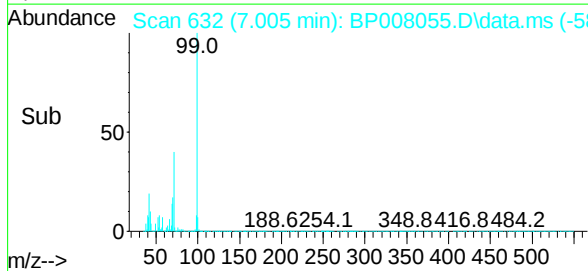
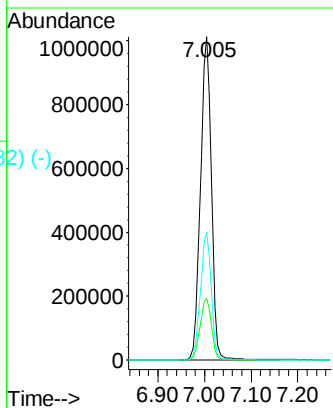
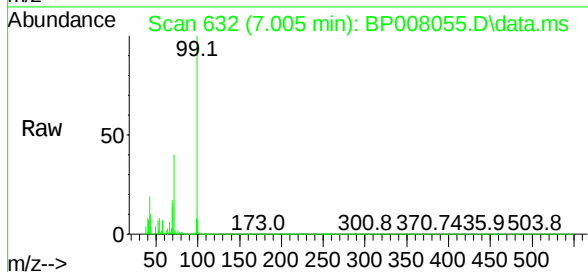




Phenol-d6
 Concen: 127.22 ng
 RT: 7.005 min Scan# 632
 Delta R.T. -0.005 min
 Lab File: BP008055.D
 Acq: 20 Nov 2021 13:41

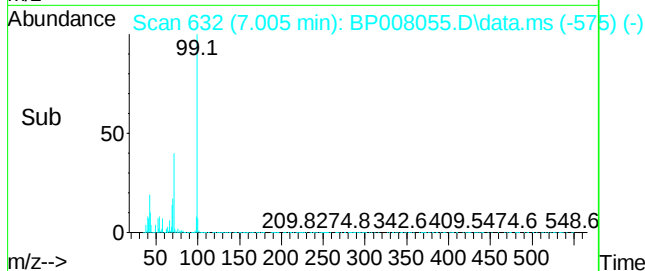
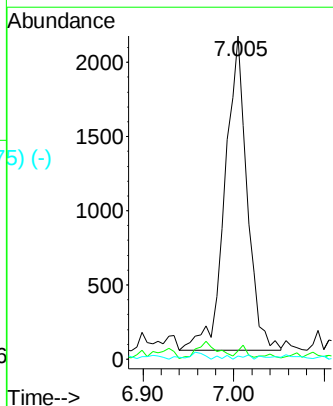
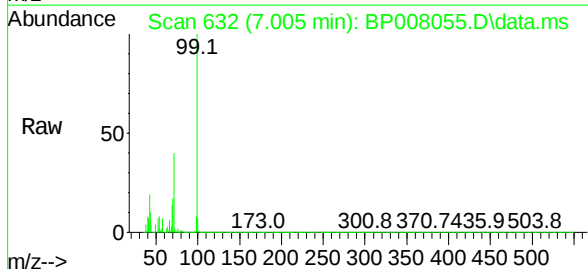
Instrument :
 BNA_P
 ClientSampleId :
 PB140911BL

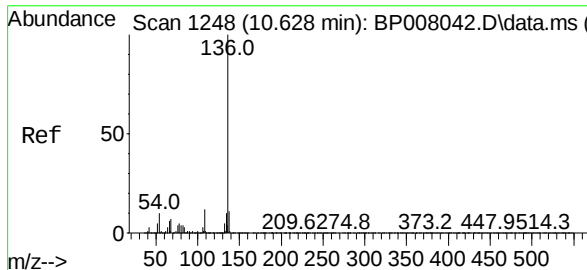
Tgt Ion: 99 Resp: 1654143
 Ion Ratio Lower Upper
 99 100
 42 19.1 15.4 23.2
 71 39.7 31.0 46.6



Benzaldehyde
 Concen: Below Cal
 RT: 7.005 min Scan# 632
 Delta R.T. 0.036 min
 Lab File: BP008055.D
 Acq: 20 Nov 2021 13:41

Tgt Ion: 77 Resp: 3617
 Ion Ratio Lower Upper
 77 100
 105 2.5 71.5 111.5#
 106 1.0 67.9 107.9#





Naphthalene-d8

Concen: 20.00 ng

RT: 10.622 min Scan# 1248

Delta R.T. -0.006 min

Lab File: BP008055.D

Acq: 20 Nov 2021 13:41

Instrument :

BNA_P

ClientSampleId :

PB140911BL

Tgt Ion:136 Resp: 615584

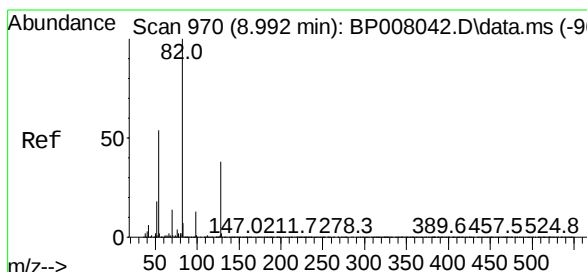
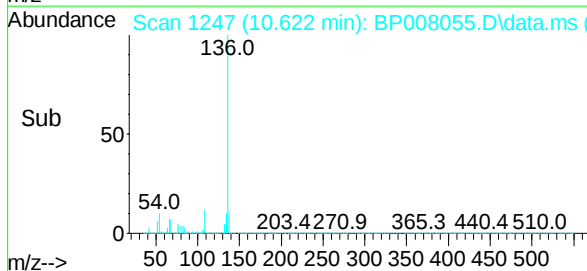
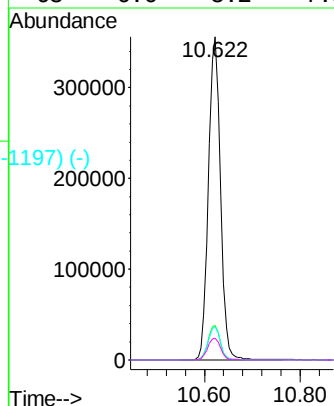
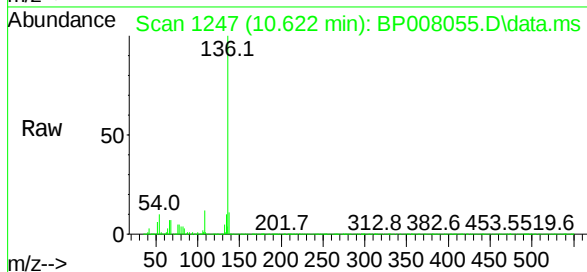
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 10.3 8.0 12.0

68 6.6 5.2 7.8



Nitrobenzene-d5

Concen: 83.04 ng

RT: 8.987 min Scan# 969

Delta R.T. -0.005 min

Lab File: BP008055.D

Acq: 20 Nov 2021 13:41

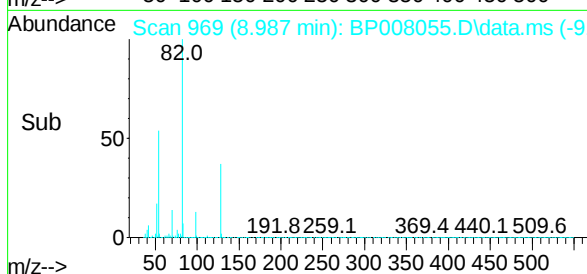
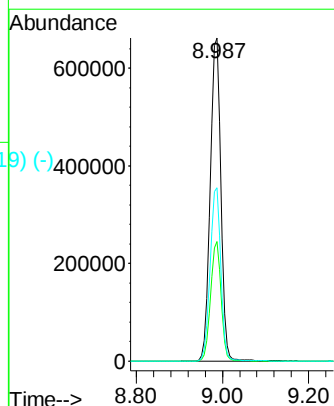
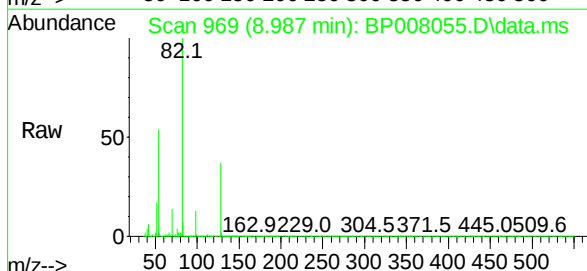
Tgt Ion: 82 Resp: 1126779

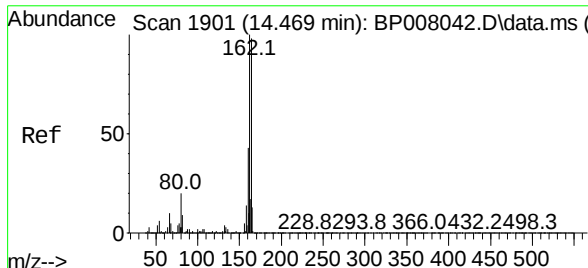
Ion Ratio Lower Upper

82 100

128 37.1 30.2 45.2

54 53.6 43.1 64.7

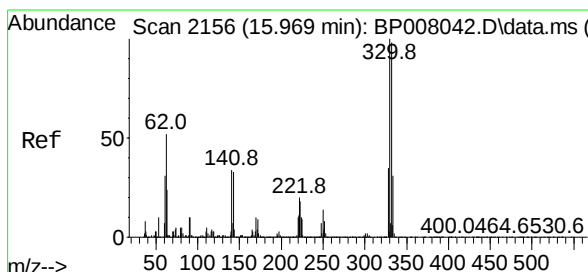
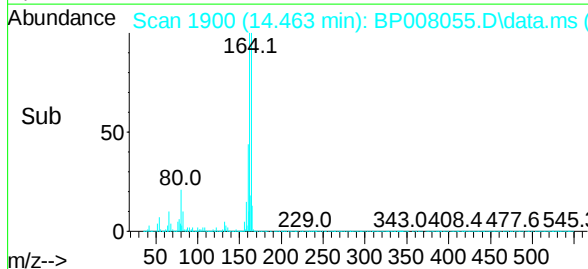
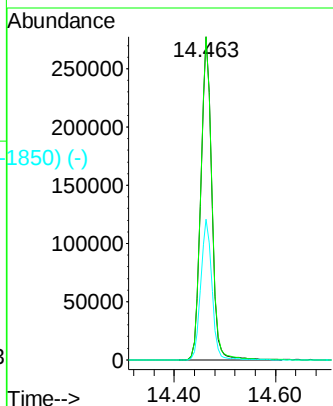
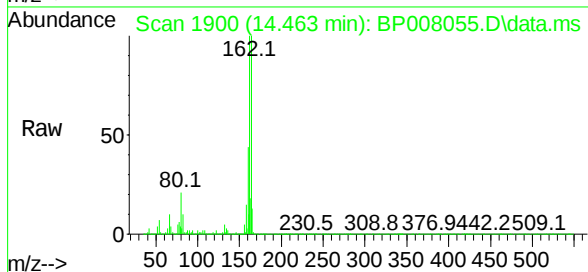




Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BP008055.D
Acq: 20 Nov 2021 13:41

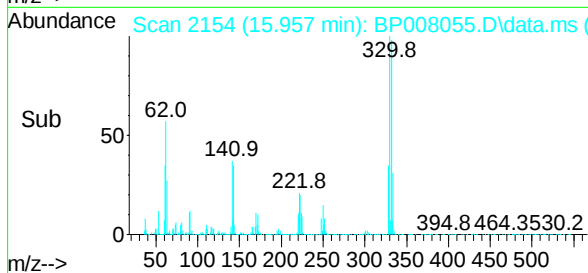
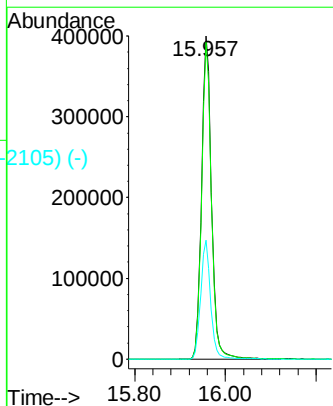
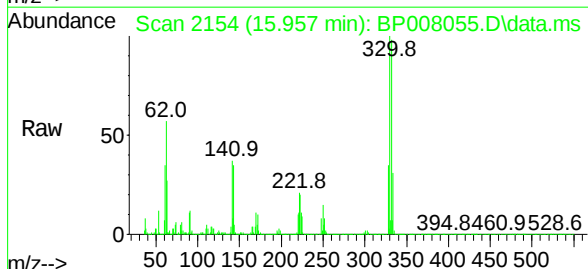
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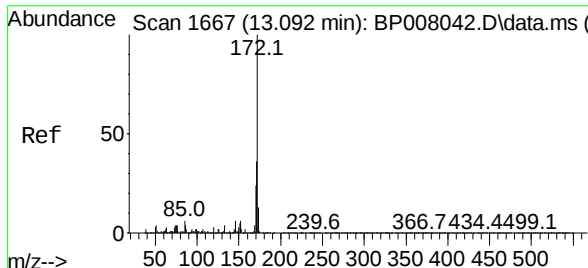
Tgt Ion:	164	Resp:	412680
Ion Ratio	Lower	Upper	
164	100		
162	100.0	81.8	122.8
160	43.5	35.1	52.7



2,4,6-Tribromophenol
Concen: 116.46 ng
RT: 15.957 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP008055.D
Acq: 20 Nov 2021 13:41

Tgt Ion:	330	Resp:	608203
Ion Ratio	Lower	Upper	
330	100		
332	96.4	78.0	117.0
141	36.7	29.6	44.4

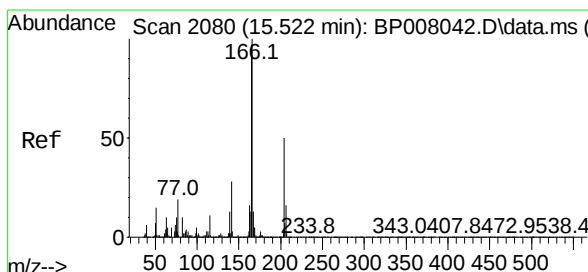
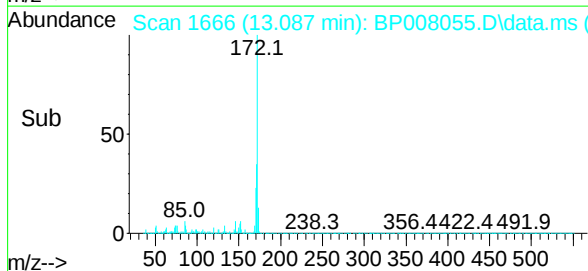
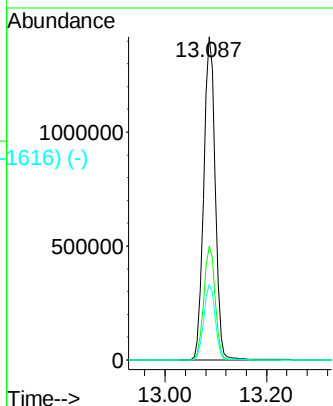
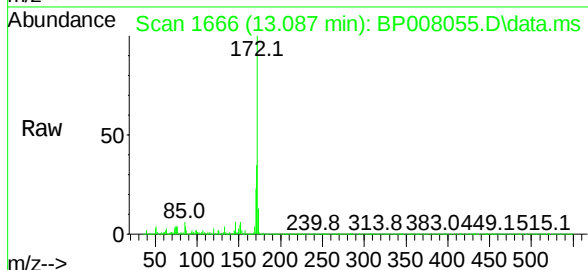




Scan 1667 (13.092 min): BP008042.D\data.ms (-1658) (-)
 2-Fluorobiphenyl
 Concen: 84.71 ng
 RT: 13.087 min Scan# 1658
 Delta R.T. -0.005 min
 Lab File: BP008055.D
 Acq: 20 Nov 2021 13:41

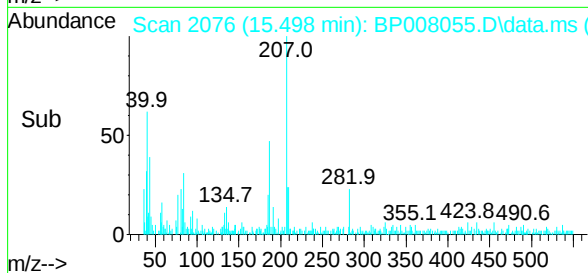
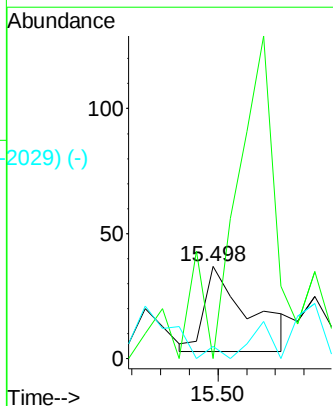
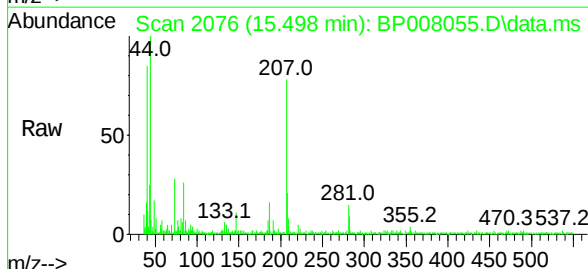
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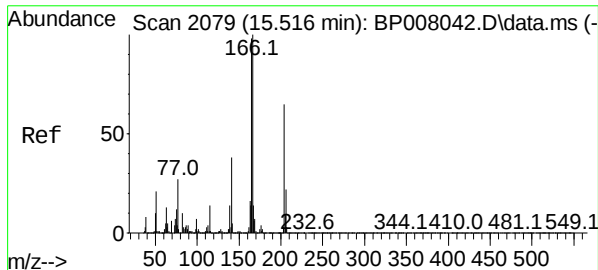
Tgt Ion:	172	Resp:	2232491
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.3	19.0	28.4



Scan 2080 (15.522 min): BP008042.D\data.ms (-2058) (-)
 Fluorene
 Concen: Below Cal
 RT: 15.498 min Scan# 2076
 Delta R.T. -0.024 min
 Lab File: BP008055.D
 Acq: 20 Nov 2021 13:41

Tgt Ion:	166	Resp:	37
Ion	Ratio	Lower	Upper
166	100		
165	43.2	77.4	116.0#
167	13.5	10.7	16.1

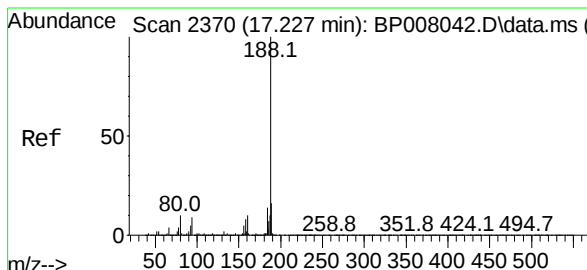
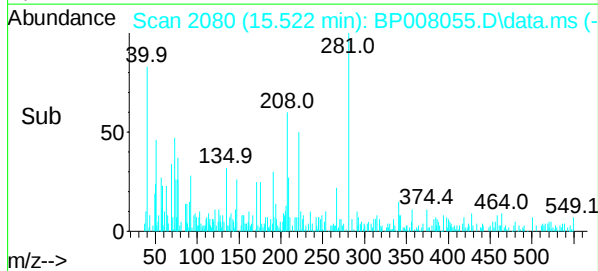
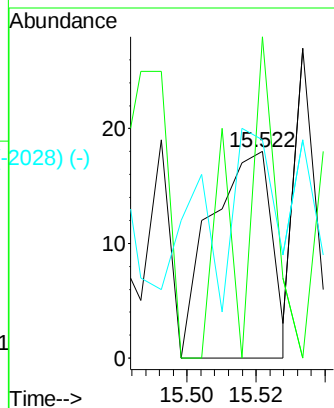
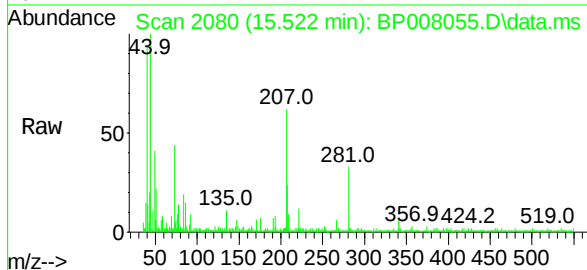




4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 15.522 min Scan# 2079
 Delta R.T. 0.006 min
 Lab File: BP008055.D
 Acq: 20 Nov 2021 13:41

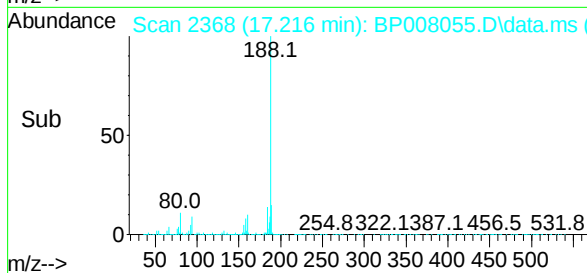
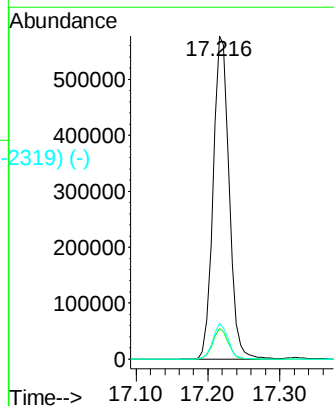
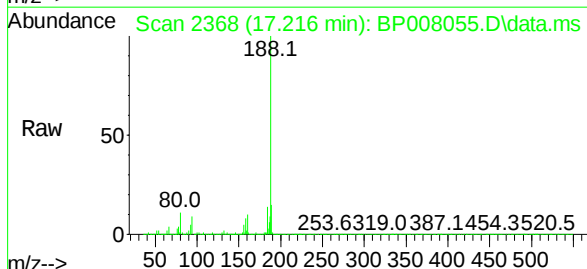
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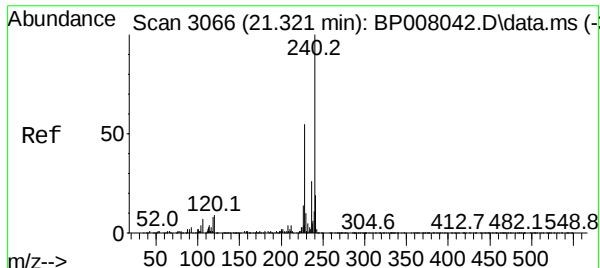
Tgt Ion:	204	Resp:	22
Ion Ratio	Lower	Upper	
204	100		
206	155.6	27.3	40.9#
141	105.6	46.7	70.1#



Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.216 min Scan# 2368
 Delta R.T. -0.011 min
 Lab File: BP008055.D
 Acq: 20 Nov 2021 13:41

Tgt Ion:	188	Resp:	891836
Ion Ratio	Lower	Upper	
188	100		
94	9.4	7.1	10.7
80	11.1	8.1	12.1

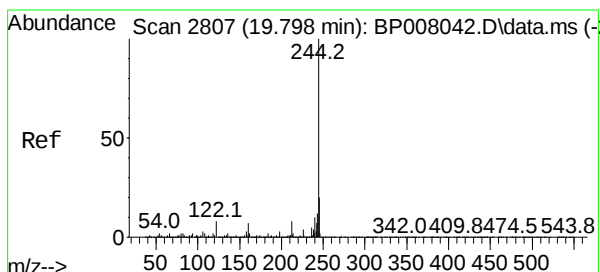
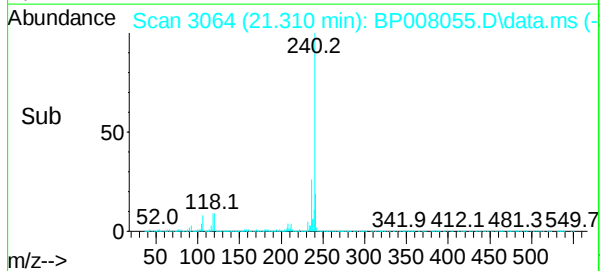
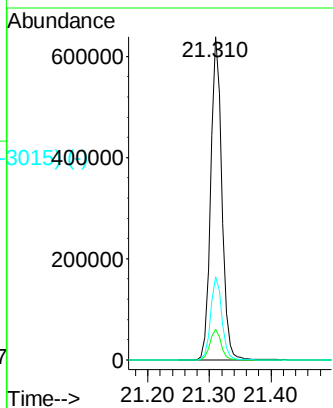
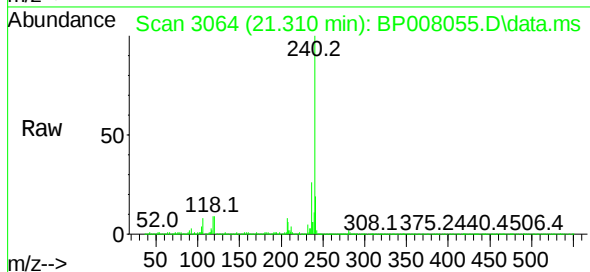




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.310 min Scan# 3066
 Delta R.T. -0.011 min
 Lab File: BP008055.D
 Acq: 20 Nov 2021 13:41

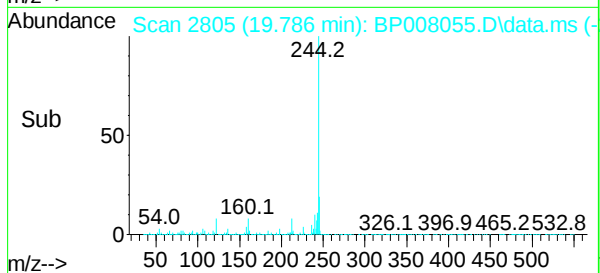
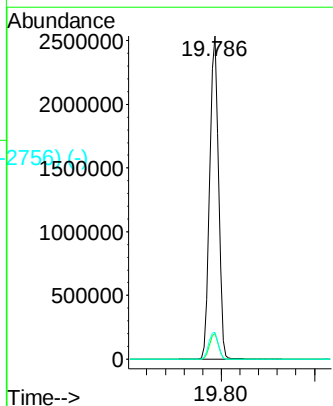
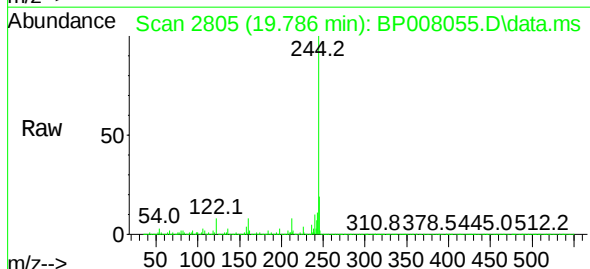
Instrument :
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 ClientSampleId :
 PB140911BL

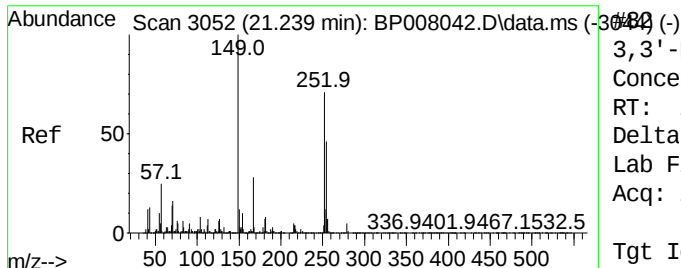
Tgt Ion:	240	Resp:	799985
Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.4	11.2
236	25.6	21.0	31.4



Terphenyl-d14
 Concen: 81.40 ng
 RT: 19.786 min Scan# 2805
 Delta R.T. -0.012 min
 Lab File: BP008055.D
 Acq: 20 Nov 2021 13:41

Tgt Ion:	244	Resp:	3312018
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	8.3	6.1	9.1

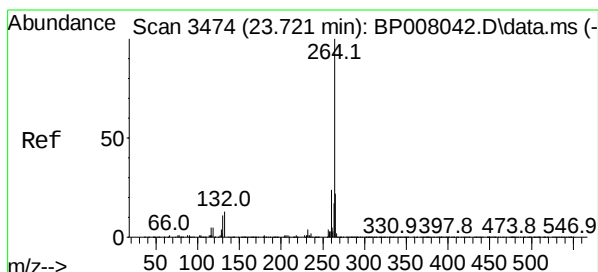
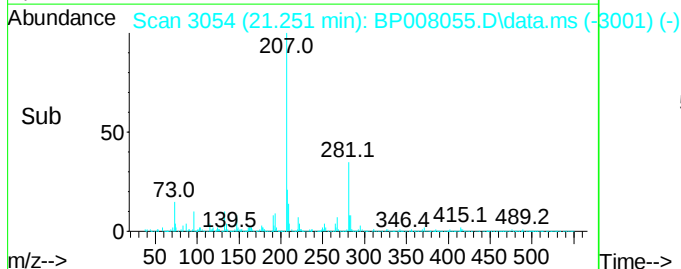
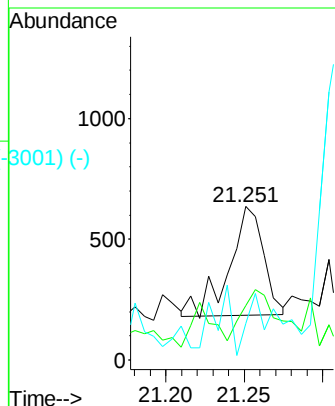
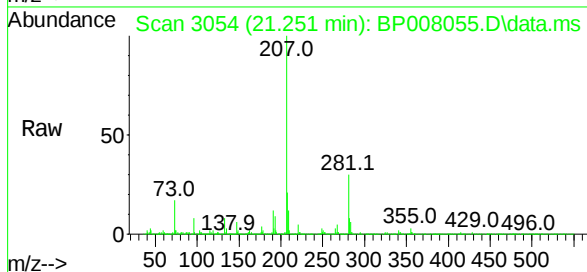




3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.251 min Scan# 3052
Delta R.T. 0.012 min
Lab File: BP008055.D
Acq: 20 Nov 2021 13:41

Instrument :
BNA_P
ClientSampleId :
PB140911BL

Tgt Ion:252 Resp: 686
Ion Ratio Lower Upper
252 100
254 35.4 51.8 77.8#
126 23.9 7.2 10.8#



Perylene-d12
Concen: 20.00 ng
RT: 23.704 min Scan# 3471
Delta R.T. -0.017 min
Lab File: BP008055.D
Acq: 20 Nov 2021 13:41

Tgt Ion:264 Resp: 698123
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.6
265 22.5 17.7 26.5

